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**NATIONAL CENTER FOR EDUCATION STATISTICS**

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**Statistical Analysis Report**

**May 1998**

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**Profile of Undergraduates in U.S.  
Postsecondary Education Institutions:  
1995–96**

With an Essay on:  
**Undergraduates Who Work**

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Data Series: NPSAS 95/96

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**U.S. Department of Education  
Office of Educational Research and Improvement**

**NCES 98-084**

**U.S. Department of Education**

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**Suggested Citation**

U.S. Department of Education. National Center for Education Statistics. *Profile of Undergraduates in U.S. Postsecondary Education Institutions: 1995-96*, NCES 98-084, by Laura J. Horn and Jennifer Berktold. Project officer: Andrew G. Malizio. Washington DC: 1998.

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## EXECUTIVE SUMMARY

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In 1995-96, four of five undergraduates (79 percent) reported working while they were enrolled in postsecondary education. One-half of undergraduates reported working to help pay for their education (“Students Who Work”). Slightly less than one-third (29 percent) considered themselves primarily employees who were also taking classes (“Employees Who Study”).

Students Who Work differed markedly from Employees Who Study with respect to demographic characteristics, where they were enrolled, and whether they were enrolled full time or part time. Compared to Employees Who Study, Students Who Work tended to be younger, more often enrolled in 4-year colleges and universities, and were more likely to attend school full time. Employees Who Study, on the other hand, were enrolled primarily in 2-year institutions, most attended exclusively part time, and about one-quarter (24 percent) were 40 or older (figures 3 and 4).

This analysis focused on Students Who Work, for whom the impact of work on their education may have different implications. The primary reason these students work is to help them achieve their educational goals. If the amount they work has an adverse effect on their academic performance or impedes their progress toward attaining a degree, then the primary reason for working has been undermined.

Although Students Who Work were employed an average of 25 hours per week while enrolled, about one-quarter (26 percent) of these students worked full time (35 or more hours per week). Even among those who attended exclusively full time, almost one in five (19 percent) worked full time (table 1).

When asked how work affected their academic program, the more hours students reported working, the more likely they were to report that work limited their class schedules. For example, more than one-third (38 percent) of students who worked 21 to 34 hours reported work reduced their class choices, compared with less than one-quarter (16 percent) of students who worked 1 to 15 hours (table 4). Similarly, when students were asked how work affected their academic performance, a majority (55 percent) of those working full time reported that work had a negative effect, compared with 46 percent of students working 21 to 34 hours and 17 percent who worked

1 to 15 hours (table 5).<sup>1</sup> Taken as a whole, more than one in four Students Who Work reported that work adversely affected their academic schedule or academic performance.

The relationship between work and one-year persistence was assessed among Students Who Work by determining who attended for a full academic year (i.e., eight or more months) in 1995-96 relative to the number of hours they worked while enrolled. The amount that students worked was clearly related to the number of months enrolled, especially among first-year students. About one in five first-year students who worked full time were not enrolled for a full academic year, compared with about one in twenty who worked 1 to 15 hours (figure 6). This pattern was found even after controlling for factors related to persistence such as attendance status, financial aid receipt, institution type, and income. The results also suggested that students who did not work at all while enrolled had higher rates of enrollment interruption than those working 1 to 15 hours.

When the work intensity of Students Who Work was analyzed relative to borrowing patterns, undergraduates who worked fewer hours were more likely to borrow than those working more hours. For example, nearly one-half (46 percent) of students working 1 to 15 hours per week borrowed, compared with about one-third of students working either 16 to 20 hours (36 percent) or 21 to 34 hours (36 percent) and about one-quarter of those working full time (table 6).

Students who work long hours may have more limited time not only for studying but also for integrating themselves into campus life. While borrowing results in debt that must be repaid when students finish their education, choosing to work intensively in lieu of any borrowing may adversely affect students' academic performance, as well as reduce their chances of completing their degree altogether.

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<sup>1</sup>How work affected undergraduates' academic performance was asked only of dependent students (see glossary entry "DEPEND4").

## **FOREWORD**

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This report profiles undergraduates who were enrolled in U.S. postsecondary institutions in the academic year 1995-96. It is based on data from the 1995-96 National Postsecondary Student Aid Study (NPSAS:96), the fourth in a series of surveys conducted by the U.S. Department of Education. Each NPSAS survey represents all postsecondary students enrolled in the survey year, and its purpose is to provide detailed information on how students and their families pay for postsecondary education.

The report begins with an essay that explores the extent to which undergraduates work while they are enrolled in school. The essay is followed by a compendium of tables that provides comprehensive information about enrollment, student demographic characteristics, financial aid, participation in community service, and remedial course taking for all undergraduates.

The table estimates presented in the report were produced using the NPSAS:96 Data Analysis System (DAS), a microcomputer application that provides public access to NCES surveys by allowing users to generate their own tables from the NPSAS:96 data. The DAS application calculates standard errors adjusted for the complex sampling design used in the NPSAS surveys. These standard errors are used to test the statistical significance of differences between selected estimates. For more information about the DAS, see appendix B of this report.

## **ACKNOWLEDGMENTS**

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The authors wish to thank all those who contributed to the production of this report. At MPR Associates, the report was edited and produced by Barbara Kridl, Andrea Livingston, Karyn Madden, and Francesca Tussing.

We would also like to acknowledge the helpful guidance and criticism by those at NCES who reviewed the report including Dennis Carroll, Robert Burton, and Kathryn Chandler. Ellen Bradburn from Education Statistics Services Institute provided a comprehensive substantive and methodological review. Kent Phillippe of the American Association of Community Colleges and Jacqueline King of the American Council on Education also reviewed the final report. We are grateful to all these reviewers, who strengthened the final report.

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# INTRODUCTION

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This report provides a detailed overview of approximately 16.7 million undergraduates enrolled in all postsecondary education institutions in the year 1995-96, from July 1 to June 30. It begins with an essay focusing on undergraduates who worked while they were enrolled in school. The essay is followed by a compendium of tables and summary of findings divided into several sections, including the following:

- Enrollment and attendance;
- Degree program and field of study;
- Student characteristics;
- Financial aid;
- Educational aspirations and community service;
- Students with disabilities; and
- Undergraduate participation in remedial courses.

The report is based on data from the 1995-96 National Postsecondary Student Aid Study (NPSAS:96), a survey representing all students (including graduates) enrolled in postsecondary institutions. Its primary purpose is to provide detailed information on how students and their families pay for postsecondary education.<sup>2</sup> In addition to detailed financial aid information, the survey provides comprehensive data on enrollment, attendance, and student demographics. There are several sources of data within the survey, including institution data, financial aid records, national loan files, student interviews, and parent interviews. Variables presented in the report are defined in the glossary (appendix A). This report is based on institutional records of approximately 41,400 undergraduates from 832 institutions. About 27,000 undergraduates also were interviewed by telephone.

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<sup>2</sup>For more information, consult the NPSAS:96 methodology report: *The 1995-96 National Postsecondary Student Aid Survey Methodology Report* (NCES 98-073) (Washington, DC: U.S. Department of Education, National Center for Education Statistics, 1998). It is available on the World Wide Web at <http://www.ed.gov/NCES/>.



## UNDERGRADUATES WHO WORK

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In the decade between 1985-86 and 1995-96, undergraduate charges for tuition, room, and board increased 23 percent at public colleges and 36 percent at private colleges.<sup>3</sup> As a percentage of family income, these charges grew from about 12 to 15 percent at public colleges and 32 to 42 percent at private colleges.<sup>4</sup> While federal financial aid has kept pace with increases in tuition and fees over the same time period, a smaller proportion of federal aid has been distributed in the form of grants and a larger proportion in the form of loans.<sup>5</sup>

Faced with increases in education costs, many undergraduates rely heavily on work to help pay for their postsecondary education. Recent reports indicate that most undergraduates enrolled in U.S. postsecondary education work while enrolled, and many work full time.<sup>6</sup> This may be especially true for students who are reluctant to borrow for fear of not being able repay their education debt.

This essay is based on about 21,000 telephone interviews with undergraduates who worked while they were enrolled in postsecondary education in 1995-96. Unlike earlier studies of student employment, this study makes a distinction between undergraduates who work primarily to pay for their schooling and those who have established employment that they have combined with postsecondary study. The essay begins by discussing the employment, enrollment, and demographic differences between these two groups of undergraduates. The remainder of the essay focuses entirely on undergraduates who work to help pay for their education. The discussion includes the extent to which students' parents expected them to work; how likely students were to report that work limited their academic program or adversely affected their academic perform-

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<sup>3</sup>Figures are adjusted for inflation. *Digest of Education Statistics 1996* (NCES 96-133) (Washington, DC: U.S. Department of Education, National Center for Education Statistics, 1997), tables 37 and 309.

<sup>4</sup>*The Condition of Education 1997* (NCES 97-988) (Washington, DC: U.S. Department of Education, National Center for Education Statistics, 1997), 71.

<sup>5</sup>NPSAS report series based on NPSAS:90 (93-201), NPSAS:93 (95-202), and NPSAS:96 (forthcoming): *Undergraduate Financing of Postsecondary Education* (Washington, DC: U.S. Department of Education, National Center for Education Statistics).

<sup>6</sup>See, for example, S. Cuccaro-Alamin and S. Choy, *Postsecondary Financing Strategies: How Undergraduates Combine Work, Borrowing, and Attendance*, (NCES 98-088) (Washington, DC: U.S. Department of Education, National Center for Education Statistics 1998); and L. Horn, *Undergraduates Who Work While Enrolled in Postsecondary Education: 1989-90* (NCES 94-311) (Washington, DC: U.S. Department of Education, National Center for Education Statistics, 1994).

ance; how work was related to financial aid receipt, especially to borrowing; and how work intensity was related to persistence in the 1995-96 school year.

## VARIABLE DEFINITIONS

The primary analytic variable used in this report is the number of hours students reported working while they were enrolled during the 1995-96 school year, including work-study jobs.<sup>7</sup> If students did not work while they were enrolled, they were identified as not working regardless of whether they worked in the summer months or other periods when they were not enrolled.

The other important employment variable distinguishes between working undergraduates who considered themselves primarily students who worked to help pay for their education expenses and those who considered themselves primarily employees who were also enrolled in postsecondary education.<sup>8</sup> Most of the analysis is based on students who worked to pay for their education expenses.

One-year persistence rates for the 1995-96 school year were estimated using an indicator of whether or not students were enrolled for a full academic year (eight months or more). The analysis was based on students who were enrolled in the fall of 1995, had an associate's or bachelor's degree objective, and who had not yet attained the degree. Those who had fewer than eight months of enrollment were considered to have interrupted their enrollment.

Other variables include whether or not students' parents expected them to work and the number of hours they expected, whether or not students were working on campus or in work-study jobs, and how students reported that work limited their schooling or affected their academic performance.

## HOW MUCH DO UNDERGRADUATES WORK?

Four of five undergraduates (79 percent) reported working during their 1995-96 enrollment (figure 1).<sup>9</sup> Those who reported working tended to do so for their entire enrollment: about 90

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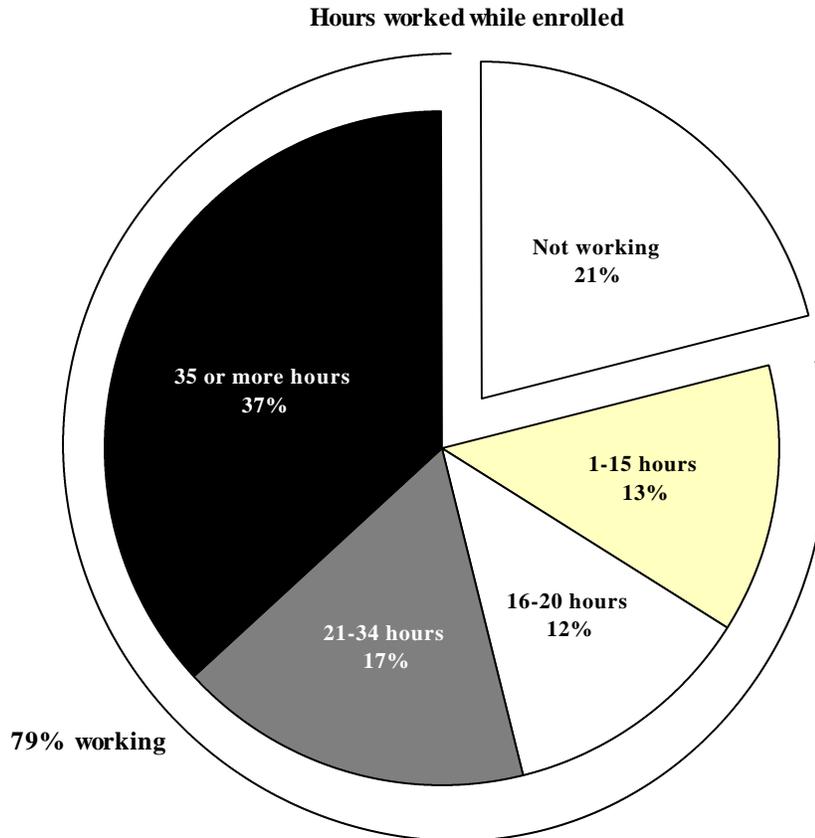
<sup>7</sup>Students were asked: "About how many hours did you work per week while you were enrolled (July 1, 1995 through June 30,

<sup>8</sup>Students were asked: "While you were enrolled and working would you say you're primarily a student working to meet expenses or an employee who's decided to enroll in school?"

<sup>9</sup>This is a slightly higher rate than the 77 percent reported in 1989-90 in L. Horn, *Undergraduates Who Work While Enrolled in Postsecondary Education: 1989-90* (NCES 94-311) (Washington, DC: U.S. Department of Education, National Center for Education Statistics, 1994), 8.

percent worked all or most of the weeks they were enrolled.<sup>10</sup> While full-time work was most common among part-time students (64 percent of exclusively part-time students worked 35 or more hours), it was not limited to this group. About one in five (19 percent) students enrolled exclusively full time reported working full time (35 or more hours per week) while enrolled.<sup>11</sup>

**Figure 1—Percentage distribution of undergraduates according to their work status: 1995–96**



SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

<sup>10</sup>About 69 percent reported working all the weeks they were enrolled, and an additional 22 percent reported working most of the weeks they were enrolled (compendium table 1.3).

<sup>11</sup>Compendium table 1.1.

## Undergraduates Who Do Not Work

About one in five undergraduates (21 percent) reported that they did not work while enrolled in 1995-96 (figure 1). Students who did not work were older on average than undergraduates who worked part time (age 27 compared with age 23 to 24), but younger than students who worked full time (age 30).<sup>12</sup> Students who did not work were more likely than those who worked either full time or part time to be enrolled in private, for-profit institutions than (9 percent versus 2 to 5 percent), suggesting that they were more likely to be enrolled for vocational training.<sup>13</sup> On the other hand, they were also more likely than full-time workers to attend 4-year institutions and to attend on a full-time basis.<sup>14</sup> The income levels of students who did not work (either dependent or independent) were not substantially different from students working part time. But they were more likely than full-time workers to be in the lowest income bracket (19 percent versus 13 percent among dependent students and 38 percent versus 13 percent among independent students).<sup>15</sup> Thus, overall, it is difficult to specifically characterize how students who do not work while enrolled differ from those who do, but they tend to resemble students who work part time more than they do those who work full time.

## STUDENTS VERSUS WORKERS: HOW UNDERGRADUATES IDENTIFY THEMSELVES

As the enrollment of older students in postsecondary education has grown,<sup>16</sup> the proportion of undergraduates who have spent a period of time in the work force also has risen. In 1995-96, more than half of undergraduates aged 24 years or older worked full time while they were enrolled (53 to 57 percent), compared with less than one-quarter (15 to 22 percent) of students under the age of 24.<sup>17</sup> Thus, for analytical purposes, it is useful to distinguish how students characterize their employment relative to their postsecondary enrollment—that is, to determine which students work for the purpose of paying for their education and which have established employment and are enrolled in postsecondary education to enhance their careers or for personal fulfillment. For the former group, working is clearly a means to help them achieve their educational goals, and for these students, the impact of work on their educational progress can be more

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<sup>12</sup>Compendium table 4.3 (see bottom of table).

<sup>13</sup>Compendium table 2.2 (see bottom of table).

<sup>14</sup>Compendium tables 2.1 and 2.5a (see bottom of tables).

<sup>15</sup>Compendium tables 4.5b and 4.5c (see bottom of tables).

<sup>16</sup>S. Choy, *A Profile of Older Undergraduates* (NCES 95-167) (Washington, DC: U.S. Department of Education, National Center for Education Statistics, 1995).

<sup>17</sup>Compendium table 1.1.

directly assessed. For those with established employment, working is a primary activity that may or may not be related to their postsecondary enrollment.

There are obvious employment, enrollment, and demographic differences between these two groups of working students, which are discussed below. Hereafter, these two groups of undergraduates are referred to as “Students Who Work” and “Employees Who

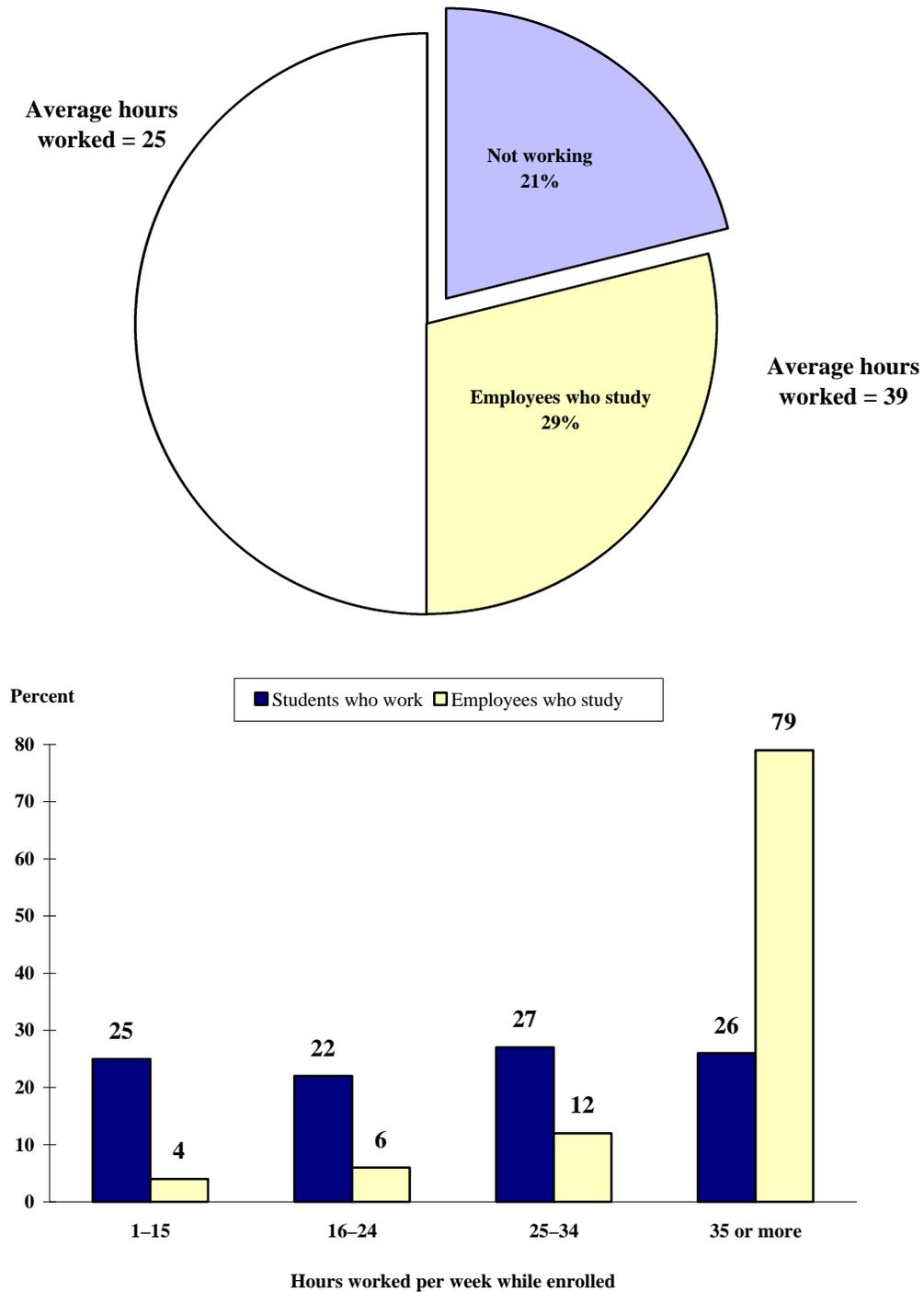
### **Students Who Work Versus Employees Who Study**

About one-half of 1995-96 undergraduates identified themselves primarily as Students Who Work (figure 2); slightly less than one-third (29 percent) identified themselves as Employees Who Study; and the remaining did not work while enrolled. Students Who Work were evenly distributed across the work spectrum. For example, 25 percent reported working 15 or fewer hours, and 26 percent reported working full time (35 or more hours per week). In contrast, 79 percent of Employees Who Study were employed full time while enrolled. Students Who Work reported working an average of 25 hours per week while they were enrolled, substantially fewer hours than the 39 hours per week reported by Employees Who Study.

About three-quarters (73 percent) of Students Who Work were under the age of 24 (28 percent were under 19 and 45 percent were aged 19-23). In contrast, less than one-quarter of Employees Who Study were under 24 (8 percent were under 19 and 15 percent were aged 19-23; figure 3). In keeping with these age differences, Students Who Work were far more likely to be financially dependent on their parents (67 percent versus 17 percent), while Employees Who Study were almost exclusively independent (83 percent). Fifty-eight percent of Employees Who Study were married and 42 percent had dependents, compared with 20 percent and 14 percent of Students Who Work.

With respect to where they were enrolled, roughly half of Students Who Work were enrolled in 4-year colleges or universities (52 percent), and 38 percent were enrolled in 2-year institutions (figure 4). In contrast, Employees Who Study were enrolled predominantly in 2-year institutions (64 percent), while about one in four (28 percent) were enrolled in 4-year colleges or universities. Consistent with their working intensity, more than two-thirds (68 percent) of Employees Who Study were enrolled exclusively part time, while more than half (55 percent) of Students Who Work were enrolled exclusively full time.

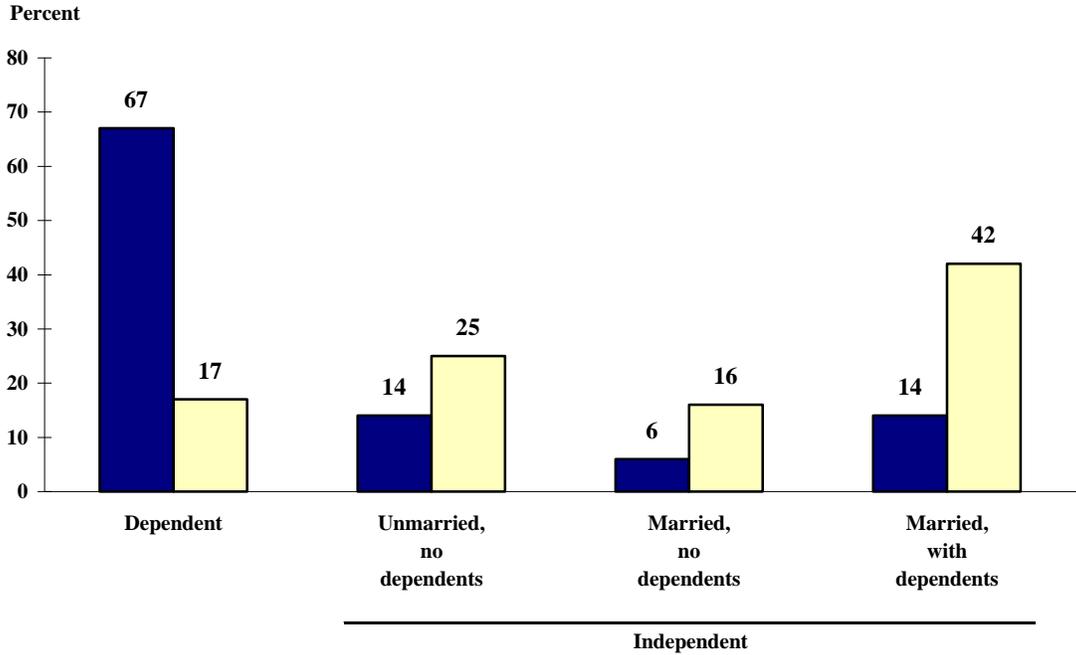
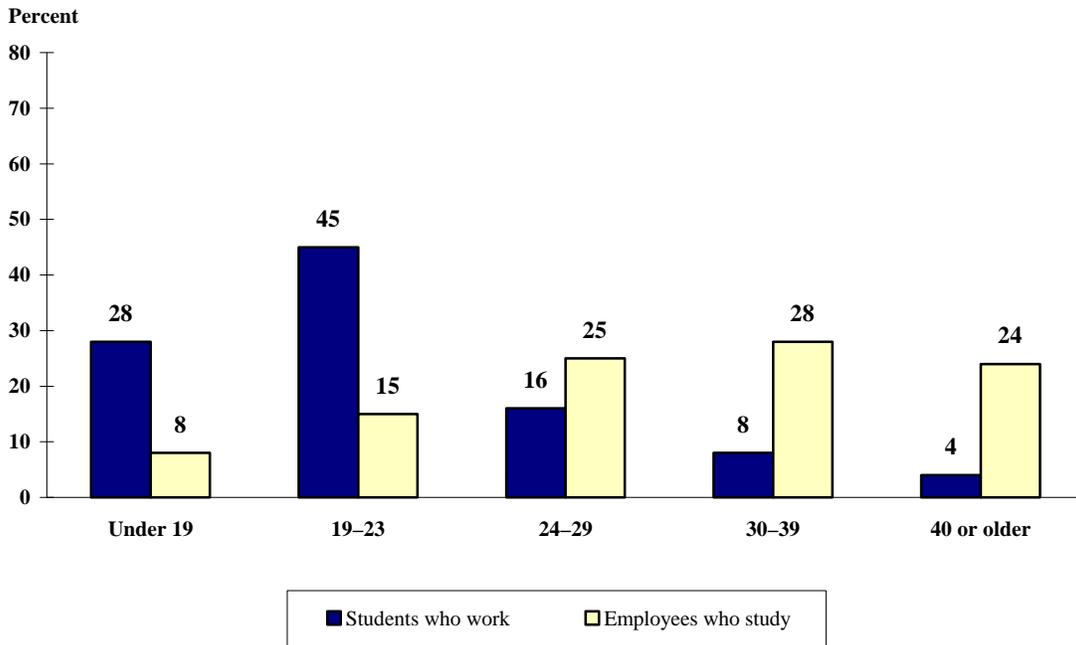
**Figure 2—Percentage distribution of undergraduates who worked while enrolled according to how they identified their work and enrollment relationship, and the percentage distribution according to the average hours worked per week while enrolled: 1995–96**



NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

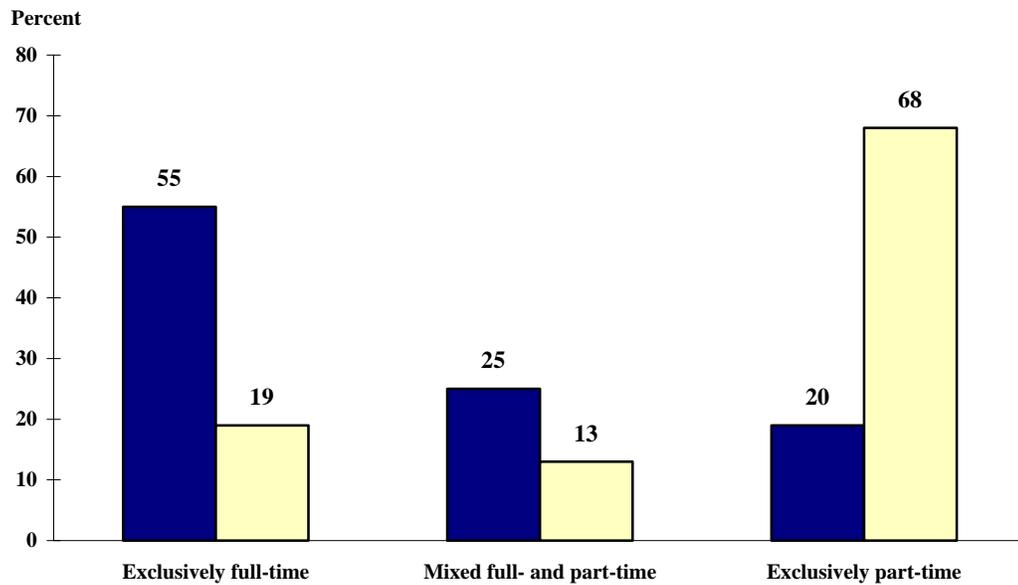
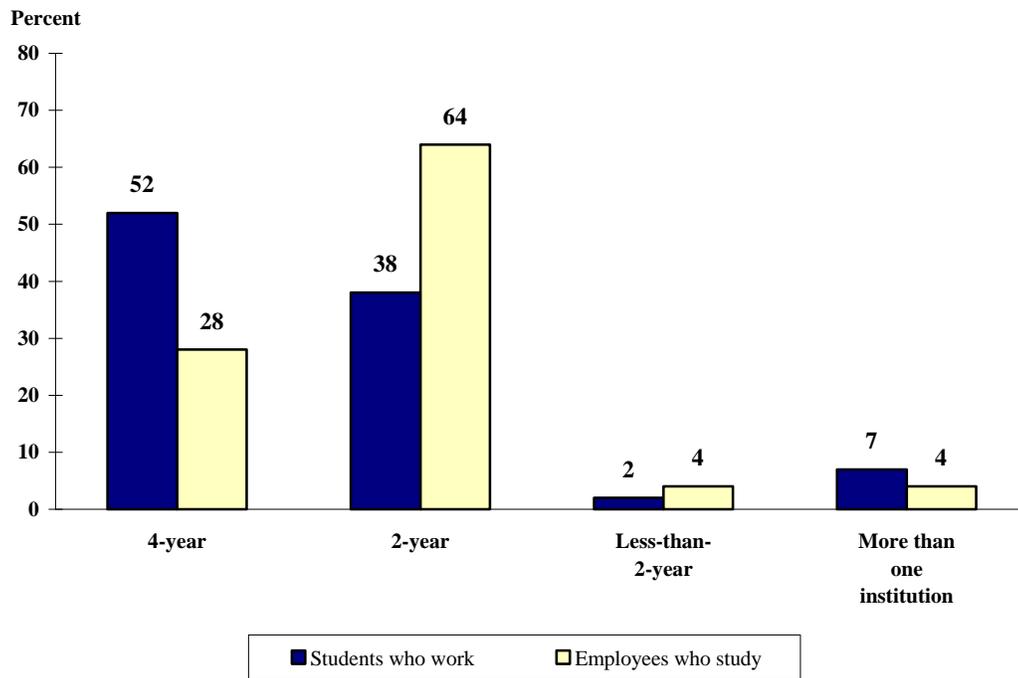
**Figure 3—Among undergraduates who worked while enrolled, the percentage distribution according to age and dependency status, by primary role: 1995–96**



NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Figure 4—Among undergraduates who worked while enrolled, the percentage distribution according to level of institution and enrollment status, by primary role: 1995–96**



NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

## STUDENTS WHO WORK TO PAY EDUCATION EXPENSES

The remainder of this essay focuses on undergraduates who identified themselves as students who work to help pay for their education. As discussed above, these students tend to be younger, more often enrolled in 4-year institutions, and more likely to be enrolled full time than their counterparts who are primarily employees.

How much these students worked was strongly associated with where they were enrolled and whether they attended full time or part time (table 1). Students who were enrolled in 4-year colleges tended to work fewer hours than those in 2-year institutions. For example, 34 percent worked 15 or fewer hours and 18 percent worked 35 or more hours, while among those in the 2-year sector, 15 percent worked 15 or fewer hours and 36 percent worked 35 or more hours. Students who attended exclusively full time were also more likely to work 15 or fewer hours and less likely to work full time than students with mixed or exclusively part-time enrollment.

**Table 1—Among undergraduates who worked to help pay for school expenses,<sup>1</sup> the percentage distribution according to the average hours worked per week while enrolled and the overall average hours worked, by institution level and attendance intensity: 1995–96**

|                                | Percent working: |             |             |                  | Average hours per week worked |
|--------------------------------|------------------|-------------|-------------|------------------|-------------------------------|
|                                | 1–15 hours       | 16–20 hours | 21–34 hours | 35 or more hours |                               |
| Total                          | 25.3             | 21.8        | 27.0        | 26.0             | 25                            |
| Institution level <sup>2</sup> |                  |             |             |                  |                               |
| Less-than-2-year               | 14.1             | 22.5        | 34.0        | 29.5             | 27                            |
| 2-year                         | 14.7             | 19.4        | 29.5        | 36.4             | 29                            |
| 4-year                         | 33.9             | 23.5        | 24.7        | 17.8             | 22                            |
| Attendance intensity           |                  |             |             |                  |                               |
| Exclusively full-time          | 31.4             | 16.1        | 25.8        | 18.7             | 23                            |
| Mixed full-time/part-time      | 19.7             | 24.4        | 28.2        | 27.7             | 26                            |
| Exclusively part-time          | 15.4             | 22.9        | 25.8        | 42.7             | 30                            |

<sup>1</sup>Represents about half of the undergraduate population.

<sup>2</sup>Does not include undergraduates enrolled in more than one institution.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

## What Parents Expect

Dependent undergraduates (67 percent of Students Who Work) reported whether or not their parents expected them to work while enrolled, and if so, the number of hours their parents expected them to work. As shown in table 2, nearly two-thirds (63 percent) of dependents' parents expected them to work while enrolled and to work, on average, about half time (21 hours per week). As the number of hours students actually worked increased (up to 34 hours), so did the proportion of parents who expected them to work.<sup>18</sup> Furthermore, the number of hours students worked coincided closely with what they thought their parents expected. For example, among students working 1-15 hours per week, parents expected them to work about 14 hours per week; for those working 16-20 hours, parents expected them to work 20 hours per week, and so on.

**Table 2—Among dependent undergraduates who worked to help pay for school expenses,<sup>1</sup> the percentage who reported that their parents expected them to work and the average number of hours they expected, by the average hours worked per week while enrolled: 1995–96**

|                                     | Percent of parents who expected student to work <sup>2</sup> | Average hours expected among parents who expected student to work |
|-------------------------------------|--|---|
| Total                               | 63.2   | 21.3  |
| Average hours worked while enrolled |  |   |
| 1–15                                | 52.4   | 13.6  |
| 16–20                               | 60.3   | 19.5  |
| 21–34                               | 73.3   | 23.1  |
| 35 or more                          | 68.1   | 29.3  |

<sup>1</sup>Represents about 34 percent of undergraduate population (67 percent of students who work to pay expenses who, in turn, represent 50 percent of undergraduates).

<sup>2</sup>These are student-reported items.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

## Location of Employment

Previous research on student employment has determined that the location of a student's job may affect his or her education outcomes. In a review of studies conducted since 1975, Pascarella and Terenzini reported that there is consistent evidence demonstrating that off-campus employment has a negative effect on year-to-year persistence and on bachelor's degree attain-

<sup>18</sup>This was true up to 34 hours. The difference between the proportion working 21-34 hours and those working 35 or more is not statistically significant.

ment, while part-time employment on campus has a positive influence.<sup>19</sup> It is thought that working on campus facilitates students' integration into campus life and that working off campus inhibits it.

In 1995-96, fewer than one in five Students Who Work were employed on campus (15 percent); however, there were strong relationships between work intensity and the likelihood of on-campus work (table 3). In general, the more hours students worked (up to 34 hours), the less likely they were to be employed on campus.<sup>20</sup> For example, 37 percent of students working 15 or fewer hours worked on campus, compared with 16 percent working 16-20 hours and 6 percent working 21-34 hours.

Similar to the pattern found for working on campus, students who worked 15 or fewer hours were also much more likely to have work-study jobs (23 percent) than were students who worked more hours (2 to 9 percent).<sup>21</sup> This relationship would be expected because most work-study jobs are located on campus, and most are no more than half time.<sup>22</sup>

**Table 3—Among undergraduates who worked to help pay for school expenses,<sup>1</sup> the percentage who were employed on campus and the percentage who had work-study jobs, by the average hours worked per week while enrolled: 1995–96**

|  | On-campus job | Work-study job |
|--|---------------|----------------|
| Total  | 15.3          | 9.2            |
| Average hours worked while enrolled <sup>2</sup> |               |                |
| 1–15   | 37.3          | 22.6           |
| 16–20  | 15.9          | 9.4            |
| 21–34  | 5.8           | 3.8            |
| 35 or more                                       | 3.2           | 1.5            |

<sup>1</sup>Represents about half of the undergraduate population.

<sup>2</sup>The hours worked refers to all hours worked whether on campus or off campus.

NOTE: The two columns are not mutually exclusive. Many on-campus jobs are also work-study jobs. Work-study jobs can be on campus or off campus.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

<sup>19</sup>E. Pascarella and P.T. Terenzini, *How College Affects Students* (San Francisco: Jossey-Bass, 1991).

<sup>20</sup>There was no measurable difference in the proportion of students working on campus between those working 21-34 hours and those working 35 or more hours.

<sup>21</sup>See glossary entry TOTWKST for definition of work-study job. Work-study jobs can be on or off campus.

<sup>22</sup>NPSAS:96 Undergraduate Data Analysis System.

## How Work Affects Course Taking and Academic Performance

Students Who Work were asked about the limitations that work imposed on their academic program. These limitations included restricting the choice of classes, limiting the number of classes, limiting time in which classes can be scheduled, and having less access to the library (table 4). About 40 percent of Students Who Work reported that their work schedule limited their class schedule, and 36 percent reported that their choice of classes was reduced. It is clear from these results that the more hours students worked, the more likely they were to report any one of the four limitations. For example, for each of the four limitations, less than one-quarter (15 to 22 percent) of students working 15 or fewer hours reported that work imposed the limitation, compared with 41 percent or more of students working full time.

**Table 4—Among undergraduates who worked to help pay for school expenses,\* the percentage reporting various limitations that work placed on their schooling, by the average hours worked per week while enrolled: 1995–96**

|  | Limited number<br>of classes | Limited class<br>schedule | Limited access<br>to library | Reduced<br>class choices |
|--|------------------------------|---------------------------|------------------------------|--------------------------|
| Total                                  | 30.4                         | 39.5                      | 26.2                         | 36.1                     |
| Average hours worked<br>while enrolled |                              |                           |                              |                          |
| 1–15                                   | 15.0                         | 21.7                      | 13.5                         | 16.3                     |
| 16–20                                  | 23.5                         | 31.4                      | 19.9                         | 27.8                     |
| 21–34                                  | 31.9                         | 41.9                      | 29.6                         | 38.4                     |
| 35 or more                             | 50.6                         | 61.1                      | 40.5                         | 59.8                     |

\*Represents about half of the undergraduate population.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

Parallel to these findings, the more students reported working (up to 34 hours), the more likely they were to indicate that working had a negative effect on their academic performance (table 5).<sup>23</sup> Those working more than 15 hours per week were at least twice as likely to say work had a negative effect. About 17 percent of students working 15 or fewer hours reported that work had a negative effect on their academic performance, compared with 34 percent of those working 16-20 hours, 46 percent of those working 21-34 hours, and 55 percent of those working 35 or more hours. Conversely, students working 15 or fewer hours were much more likely to report

<sup>23</sup>Note that only dependent students (67 percent of students who work) were asked to report on the effect that work had on their academic performance.

that work had a positive effect on their academic performance (22 percent) than students working 21-34 hours (12 percent) or 35 or more hours (10 percent).

**Table 5—Among dependent undergraduates who worked to help pay for school expenses,\* the percentage distribution according to the effect that work had on academic performance, by the average hours worked per week while enrolled: 1995–96**

|                                     | Positive effect | Negative effect | No effect |
|-------------------------------------|-----------------|-----------------|-----------|
| Total                               | 14.8            | 36.8            | 48.4      |
| Average hours worked while enrolled |                 |                 |           |
| 1–15                                | 22.3            | 17.1            | 60.7      |
| 16–20                               | 13.8            | 34.3            | 51.8      |
| 21–34                               | 11.5            | 46.0            | 42.6      |
| 35 or more                          | 9.7             | 55.4            | 35.0      |

\*Represents about 34 percent of the undergraduate population (67 percent of students who work to pay expenses who, in turn, represent half of undergraduates).

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

In summary, more than one-third of Students Who Work reported that work limited their class schedule, and about the same proportion reported that work had a negative effect on their academic performance. Furthermore, among those who worked more than half time (21 or more hours), roughly half reported that work adversely affected their performance. Taken as a whole, therefore, these results indicate that more than one in four undergraduates who identify themselves as students who work to pay for education expenses are adversely affected by the amount they work.

### Relationship Between Working and Borrowing

The results from a recent report based on a national survey of undergraduates who first began their postsecondary education in 1989-90 (BPS:89/94) indicate that students who borrowed to pay for their education had higher postsecondary persistence rates (as of 1994) than those who did not borrow.<sup>24</sup> This remained true after controlling for institution type and other variables re-

<sup>24</sup>S. Cuccaro-Alamin and S. Choy, *Postsecondary Financing Strategies: How Undergraduates Combine Work, Borrowing, and Attendance* (NCES 98-088) (Washington, DC: U.S. Department of Education, National Center for Education Statistics, 1998).

lated to persistence. The same analysis also showed that working 14 or fewer hours per week had a positive effect on persistence in a multivariate model compared to working 15-33 hours. The results of this report imply that the methods students choose in paying for their postsecondary education can have an impact on their persistence and eventual degree attainment.

Among undergraduates who were enrolled in 1995-96, those who identified themselves as students who worked to pay for their education expenses differed in their likelihood of borrowing and how much they borrowed relative to how much they worked. Overall, slightly more than one-third of Students Who Work (35 percent) had taken out a student loan, borrowing an average of \$4,150 (table 6). Students who worked 15 or fewer hours, however, were more likely to borrow than students who worked more hours (46 percent versus 26 to 36 percent who worked more hours). In addition, among those who borrowed, students who worked 15 or fewer hours borrowed more on average than those who either worked 21-34 hours or 35 or more hours, but not more than students who worked 16-20 hours. These patterns for the rate of borrowing held even when analyzed separately for students in public 4-year colleges and those in private, not-for-profit 4-year institutions.<sup>25</sup>

**Table 6—Among undergraduates who worked to help pay for school expenses,\* the percentage receiving financial aid, and among those who received that type of aid, the average amount received, by the average hours worked per week while enrolled: 1995–96**

|                                     | Any aid | Grant aid | Loan aid | Average total aid | Average grant aid | Average loan aid |
|-------------------------------------|---------|-----------|----------|-------------------|-------------------|------------------|
| Total                               | 56.8    | 44.0      | 35.4     | \$5,988           | \$3,274           | \$4,146          |
| Average hours worked while enrolled |         |           |          |                   |                   |                  |
| 1–15                                | 68.9    | 56.1      | 46.3     | 7,966             | 4,725             | 4,344            |
| 16–20                               | 57.0    | 46.0      | 35.6     | 6,151             | 3,146             | 4,216            |
| 21–34                               | 55.0    | 39.2      | 35.5     | 4,949             | 2,530             | 4,080            |
| 35 or more                          | 46.9    | 35.6      | 25.7     | 4,255             | 2,038             | 3,810            |

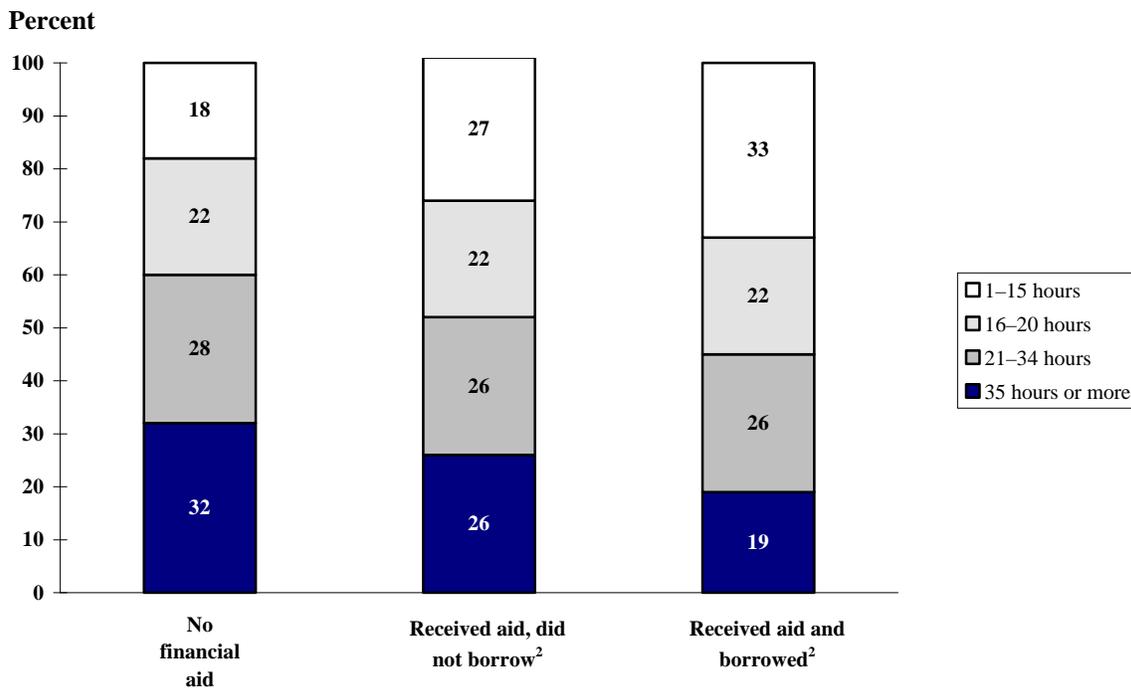
\*Represents about half of the undergraduate population.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

<sup>25</sup>In public 4-year institutions, among those working to pay expenses, 48 percent who worked 1-15 hours borrowed, compared with 35 percent of students who worked 35 or more hours. In private, not-for-profit 4-year institutions, the proportions borrowing were 64 percent and 45 percent, respectively, among students working 15 or fewer hours or 35 or more hours. The amount borrowed, however, for either of these groups did not differ significantly (NPSAS:96 Undergraduate Data Analysis System).

Figure 5 illustrates the relationship between work intensity and financial aid status for Students Who Work. It is clear from this figure that financial aid in general, and financial aid that includes borrowing in particular, were associated with working intensity. Students who received financial aid but did not borrow were more likely than those who did not receive aid to work 15 or fewer hours (27 percent versus 18 percent) and less likely to work 35 or more hours (26 percent versus 32 percent). Similarly, among those who received aid, students who borrowed were more likely than students who did not borrow to work 15 or fewer hours and less likely to work 35 or more hours. There were no differences, however, in the proportion of students working either 16-20 hours or 21-34 hours with respect to receiving aid or borrowing.

**Figure 5—Among undergraduates who worked to pay education expenses,<sup>1</sup> the percentage distribution of the average hours worked per week while enrolled according to financial aid receipt and borrowing: 1995–96**



<sup>1</sup>Represents about half of the undergraduate population.

<sup>2</sup>Based on two variables: receipt of aid, and among those who received aid, those who borrowed. (See appendix A for detailed description of each variable.)

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

## Persistence in 1995-96

The final analysis examines the likelihood of not attending for a full academic year in relation to undergraduate work intensity while enrolled. To estimate whether students interrupted their enrollment in 1995-96, an indicator of whether or not students were enrolled for eight or more months was used.<sup>26</sup> The analysis was limited to students who

- worked while enrolled to pay education expenses;
- were enrolled in the fall of 1995; and
- had an associate's or bachelor's degree objective and did not attain the degree in 1995-96.

Given their educational objectives, these students would be expected to continue their enrollment for a full academic year. This group represents about one-third of the undergraduate population. Approximately 50 percent of undergraduates identified themselves as students who work to pay expenses, among whom 66 percent were enrolled in the fall of 1995 in associate's or bachelor's degree programs, and had not attained a degree by June 30, 1996.<sup>27</sup> Because first-year students are much more likely to drop out or interrupt their enrollment than continuing students, the analysis also distinguishes between these two groups of students.

As shown in figure 6, the results indicate that the likelihood of students attending for a full year was related to their employment intensity.<sup>28</sup> This was true for both first-year and continuing students. About one in five (21 percent) first-year students working 35 or more hours per week did not attend for a full year, compared with about one in twenty (6 percent) who worked 1-15 hours. Among continuing students, 2 percent who worked 1-15 hours did not attend for a full year, compared with 11 percent of those working full time. For both first-year and continuing students, those working 1-15 hours per week were less likely to interrupt their enrollment than students working 16-34 hours per week. While it appears that the rates of enrollment interruption for those working 16-34 hours were lower than the rates for those working 35 or more hours (e.g., 13 percent versus 21 percent of first-year students), the group sizes were small and there was not enough statistical evidence to conclude that they were different.

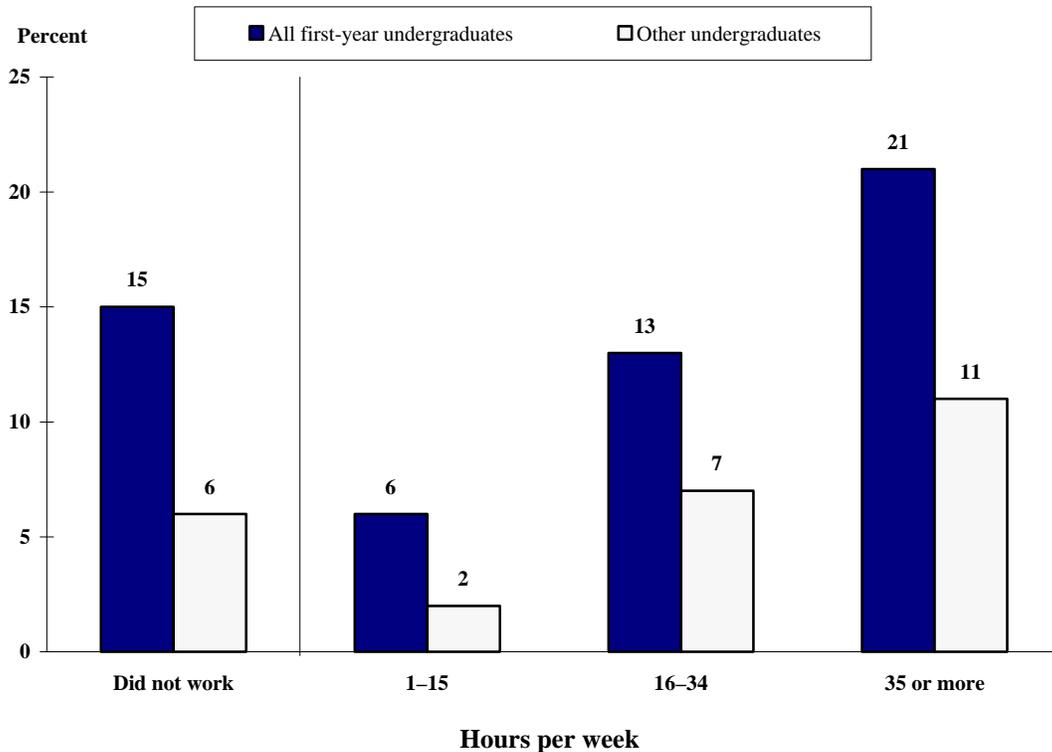
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<sup>26</sup>To capture the actual persistence rates for the year, one would have to know how many students did not return in the next year, and this information is not available in this survey. NPSAS:96 is a survey of one academic year and therefore does not have rates of enrollment for the next year. However, a new Beginning Postsecondary Students (BPS:96) survey is being conducted based on all first-time, first-year NPSAS:96 students. Since this cohort will be followed over time (the first follow-up is currently in progress), it will be possible to determine the year-to-year persistence of this group.

<sup>27</sup>NPSAS:96 Undergraduate Data Analysis System.

<sup>28</sup>The students working 16-20 hours and 21-34 hours were combined because their rates of attrition were not significantly different: 14 percent and 13 percent of first-year students and 8 percent and 6 percent of continuing students.

**Figure 6—Among students who either did not work or who worked to pay education expenses and who had a degree objective,<sup>1</sup> the percentage not enrolled for a full year,<sup>2</sup> by the average hours worked per week while enrolled and year in school: 1995–96**



<sup>1</sup>Associate’s or bachelor’s degree objective and had not yet attained the degree.

<sup>2</sup>Enrolled for less than eight months. Limited to those who enrolled in the fall of 1995.

NOTE: Working students included in this figure represent about one-third of the undergraduate population: 50 percent are students who work to pay expenses, and 66 percent of this group were enrolled in fall 1995 in associate’s or bachelor’s degree programs and had not yet attained the degree.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

Supporting the findings of earlier studies,<sup>29</sup> this analysis also found that students who did not work while enrolled were less likely to attend for a full academic year than those working 1-15 hours. This result held for both first-year (15 percent versus 6 percent) and continuing students (6 percent versus 2 percent). In fact, students who did not work had similar attrition rates as students working 16-34 hours.

<sup>29</sup>S. Cuccaro-Alamin and S. Choy, *Postsecondary Financing Strategies*, and L. Horn, *Undergraduates Who Work While Enrolled*.

### ***Controlling for Related Variables***

When determining the association between work intensity and persistence, factors related to work that may influence persistence need to be considered. For example, students who attend school exclusively part time are much less likely to persist to degree attainment.<sup>30</sup> At the same time, part-time students are much more likely to work full time than those who attend school full time (see table 1). To take into account the interrelationship of work and other related variables, this analysis used a linear regression model.<sup>31</sup> The dependent variable was a measure of enrollment interruption defined as attending school fewer than eight months, i.e., those students who did not attend for a full academic year. In addition to hours worked, the independent variables included attendance status (exclusively part-time enrollment versus others), gender, age, income quartiles, undergraduate level (first-year versus others), institution sector, race-ethnicity, job location, and financial aid receipt. The analysis was limited to students enrolled in the fall of 1995 who worked to pay expenses, had an associate's or bachelor's degree objective, and had not attained the degree (about one-third of the undergraduate population).

The results are displayed in table 7. Column one displays the unadjusted percentages representing the proportion of students who attended fewer than eight months. Column two displays the percentages after being adjusted for the covariation of the independent variables. Asterisks indicate that the group differed significantly from the reference group (in *italics*). For example, both before and after adjustment, students who attended exclusively part time were much more likely to attend fewer than eight months than students with full-time or mixed full- and part-time enrollment (28 versus 7 percent [unadjusted]; 24 versus 8 percent [adjusted]). The third column displays the regression coefficients. Since the dependent variable is a measure of enrollment interruption, a positive coefficient indicates the variable contributes to enrollment interruption when compared to the reference group, while a negative coefficient indicates the opposite. For example, compared to working 1 to 15 hours per week, the regression coefficients for students working more hours are all positive. Furthermore, the percentages of students working either 16 to 20 hours or 35 or more hours are significantly greater than the percentage for students working 1 to 15 hours (12 and 13 percent versus 7 percent). In other words, students working 16 to 20 hours or 35 or more hours were significantly more likely to attend fewer than eight months in 1995-96 than students working 1 to 15 hours even after holding related variables constant.

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<sup>30</sup>See, for example, L. Berkner, S. Cuccaro-Alamin, and A. McCormick, *Descriptive Summary of 1989-90 Beginning Postsecondary Students: Five Years Later* (NCES 96-155) (Washington, D.C.: U.S. Department of Education, National Center for Education Statistics, 1996).

<sup>31</sup>See appendix B for a description of the statistical methods.

**Table 7—Among undergraduates who worked to help pay for school expenses, had an associate's or bachelor's degree objective that they had not yet attained, and who were enrolled in the fall of 1995, the percentage who attended fewer than eight months, and the adjusted percentage after controlling for the covariation of the variables listed in the table: 1995–96<sup>1</sup>**

|   | Unadjusted<br>percentage <sup>2</sup> | Adjusted<br>percentage <sup>3</sup> | WLS<br>coefficient <sup>4</sup> | Standard<br>error <sup>5</sup> |
|---|---------------------------------------|-------------------------------------|---------------------------------|--------------------------------|
| Estimates                                       |                                       |                                     |                                 |                                |
| Total   | 10.0                                  | 10.0                                | 3.2                             | 2.10                           |
| Average hours worked per week<br>while enrolled |                                       |                                     |                                 |                                |
| 1–15  | 4.2                                   | 7.2                                 | †                               | †                              |
| 16–20   | 10.9*                                 | 12.2*                               | 5.0                             | 1.15                           |
| 21–34   | 9.7*                                  | 9.0                                 | 1.8                             | 1.65                           |
| 35 or more                                      | 16.9*                                 | 13.3*                               | 6.1                             | 2.12                           |
| Attendance pattern                              |                                       |                                     |                                 |                                |
| <i>Full-time or mixed full/part-time</i>        | 7.3                                   | 7.9                                 | †                               | †                              |
| Exclusively part-time                           | 27.6*                                 | 24.3*                               | 16.4                            | 2.24                           |
| Location of principal job                       |                                       |                                     |                                 |                                |
| On-campus                                       | 4.2*                                  | 9.9                                 | -0.2                            | 1.44                           |
| <i>Other</i>                                    | 11.3                                  | 10.1                                | †                               | †                              |
| Financial aid receipt and borrowing             |                                       |                                     |                                 |                                |
| <i>Received aid, did not borrow</i>             | 8.6                                   | 8.5                                 | †                               | †                              |
| Received aid and borrowed                       | 5.1*                                  | 6.4                                 | -2.1                            | 1.51                           |
| No financial aid                                | 15.7*                                 | 14.5*                               | 6.0                             | 1.93                           |
| Gender  |                                       |                                     |                                 |                                |
| <i>Male</i>                                     | 11.3                                  | 11.2                                | †                               | †                              |
| Female  | 8.9                                   | 9.0                                 | -2.2                            | 1.15                           |
| Age   |                                       |                                     |                                 |                                |
| Under 24  | 9.1*                                  | 9.9                                 | -0.9                            | 1.66                           |
| 24 or older                                     | 14.1                                  | 10.8                                | †                               | †                              |
| Income  |                                       |                                     |                                 |                                |
| Low quartile                                    | 11.3                                  | 12.8                                | 2.4                             | 1.38                           |
| <i>Middle quartiles</i>                         | 10.7                                  | 10.4                                | †                               | †                              |
| High quartile                                   | 6.8*                                  | 8.5*                                | -4.2                            | 1.52                           |
| Undergraduate level first term                  |                                       |                                     |                                 |                                |
| First year                                      | 14.0*                                 | 12.8*                               | 1.4                             | 1.36                           |
| <i>Second year or higher</i>                    | 6.6                                   | 7.7                                 | †                               | †                              |

**Table 7—Among undergraduates who worked to help pay for school expenses, had an associate’s or bachelor’s degree objective that they had not yet attained, and who were enrolled in the fall of 1995, the percentage who attended fewer than eight months, and the adjusted percentage after controlling for the covariation of the variables listed in the table: 1995–96<sup>1</sup>—Continued**

|                                      | Unadjusted<br>percentage <sup>2</sup> | Adjusted<br>percentage <sup>3</sup> | WLS<br>coefficient <sup>4</sup> | Standard<br>error <sup>5</sup> |
|--------------------------------------|---------------------------------------|-------------------------------------|---------------------------------|--------------------------------|
| Institution type <sup>6</sup>        |                                       |                                     |                                 |                                |
| Public                               |                                       |                                     |                                 |                                |
| 2-year                               | 16.2*                                 | 10.1                                | 0.2                             | 2.15                           |
| 4-year                               | 7.4                                   | 9.9                                 | †                               | †                              |
| Private, not-for-profit              |                                       |                                     |                                 |                                |
| 4-year                               | 4.8                                   | 9.6                                 | 1.9                             | 4.19                           |
| Less-than-4-year                     | 13.9                                  | 11.8                                | -0.3                            | 1.54                           |
| Private, for-profit 2-year or higher | 19.3*                                 | 19.7*                               | 9.8                             | 2.88                           |
| Race/ethnicity of student            |                                       |                                     |                                 |                                |
| <i>White, non-Hispanic</i>           | 9.6                                   | 10.1                                | †                               | †                              |
| Black, non-Hispanic                  | 15.6*                                 | 14.7*                               | 4.6                             | 2.08                           |
| Hispanic                             | 11.5                                  | 8.4                                 | -1.7                            | 2.08                           |
| Asian/Pacific Islander               | 5.0                                   | 5.4                                 | -4.7                            | 3.00                           |
| American Indian/Alaskan Native       | 6.3                                   | 5.2                                 | -4.9                            | 4.43                           |

\*p ≤ .05.

†Not applicable for the reference group.

<sup>1</sup>The italicized group in each category is the reference group being compared.

<sup>2</sup>The estimates are from the NPSAS:96 Undergraduate Data Analysis System.

<sup>3</sup>The percentages are adjusted for differences associated with other variables in the table (see appendix B).

<sup>4</sup>Weighted least squares (WLS) coefficient (see appendix B).

<sup>5</sup>Standard error of WLS coefficient, adjusted for design effect (see appendix B).

<sup>6</sup>Does not include students enrolled in more than one institution. Less-than-2-year sector not included because only students whose degree objective in their current institution was an associate’s or bachelor’s degree were included.

NOTE: Represents about one-third of the undergraduate population.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

This analysis determines the likelihood of students interrupting their enrollment only *within* one academic year. As such, it is an overestimate of actual one-year persistence because it does not take into account students who did not return to school the following school year. Nevertheless, even within this restricted time frame, the results confirm the adverse relationship of working full time to persistence, and they also suggest that, compared with working 1 to 15 hours per week, working more hours while enrolled is associated with higher rates of enrollment interruption. These results are consistent with a recent report that analyzed five-year persistence rates of

students who began postsecondary education in 1989-90.<sup>32</sup> That study found that in addition to working full time, students who worked an average of 15 to 33 hours per week while enrolled were less likely to persist over a five-year period than were students working 1 to 14 hours. Another finding from the same longitudinal study showed that students who borrowed during their enrollment were more likely to persist over five years than students who did not borrow even after controlling for income, academic performance, institutional type, and other variables. In the current, study the unadjusted percentages are significantly different (5.1 percent of aided students who borrowed attended fewer than eight months versus 8.6 percent of aided students who did not borrow), but the adjusted percentages (6.4 percent and 8.5 percent) are not. However, those with no aid were more likely to attend less than a full year than were students with aid that did not include loans.

The results concerning the location of a student's job were inconclusive. Before adjustment, among students who worked on campus, the percentage attending fewer than eight months was significantly less than the percentage for students working off campus (4 percent versus 11 percent). However, once the number of hours worked and other variables were controlled for, the percentages were virtually the same (10 percent). This may be because students who work on campus are much more likely to work 15 or fewer hours than students who work off campus, and once work intensity is held constant, the positive effect of working on campus disappears. It is also possible that the effect of working on campus may be more apparent when determining which students return to school the following year. If working on campus enhances student engagement with the institution, it is possible that students who work on campus are more likely to return to school the following year than those who do not. Because of the cross-sectional nature of the data, this phenomenon cannot be taken into account in the current analysis. However, in 1998, the first follow-up of the Beginning Postsecondary Students (BPS) longitudinal cohort of the NPSAS:96 survey will be available for analysis, at which time this relationship can be further investigated.

## **SUMMARY AND CONCLUSIONS**

This study focused on the extent to which undergraduates worked while they were enrolled in 1995-96. Unlike earlier studies on student employment, the analysis distinguished between students who worked primarily to pay for their education (Students Who Work) and those who had established employment that they combined with postsecondary study (Employees Who

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<sup>32</sup>S. Cuccaro-Alamin and S. Choy, *Postsecondary Financing Strategies*.

Study). For undergraduates who identify themselves as Students Who Work, the purpose of work is to help them achieve their educational goals, and for these students, the impact of work on their academic program can be more directly assessed. This study focused primarily on these undergraduates. Students Who Work made up about one-half of the undergraduate population, and they were more likely to be dependent, enrolled in a 4-year institution, and attending full time than Employees Who Study.

Students Who Work reported working an average of 25 hours per week. They were relatively evenly distributed across the work spectrum, with similar proportions reporting that they worked full time as working 15 or fewer hours—about one in four in each group. Working intensity was associated with where students were enrolled and whether they attended full time or part time. Students in 4-year institutions or students attending full time (regardless of where they were enrolled) were more likely to report working 15 or fewer hours and less likely to report working 35 or more hours than their counterparts enrolled in 2-year institutions or those attending part time.

How much students worked was strongly related to how often they reported that work limited their schedule or negatively affected their performance. Students working 15 or fewer hours were much less likely than students working more hours to report that work limited their class choices, their class schedules, the number of classes they could take, or access to the library. In fact, as the number of hours worked while enrolled increased, the likelihood of students reporting such limitations rose. The same was also true for the likelihood of dependent students reporting that work had a negative effect on their academic performance. Overall, the results indicated that more than one in four Students Who Work felt that work adversely affected their academic program.

In addition to examining the relationship between work intensity and student-reported effects, the study also analyzed the relationship between work intensity and the persistence of students in 1995-96. It was limited to undergraduates meeting the following criteria: Students Who Work, enrolled in the fall of 1995, had a bachelor's or associate's degree objective, and did not attain their degree in 1995-96. Whether or not these students enrolled for fewer than eight months was the outcome measured. A clear relationship between length of enrollment and working full time was found when compared with working 15 or fewer hours. This was apparent for both first-year and continuing students. One in five first-year students working full time did not attend for a full year, compared with one in twenty among those working 15 or fewer hours.

Even when controlling for related factors such as attendance status, income, and institution type, students who worked full time had lower persistence than those who worked 1-15 hours.

Given the relationships between work intensity and persistence, it is important to understand the relationship between working and borrowing, especially if borrowing enables a student to work less. In this study, there was some indication that students may substitute working for borrowing. Students who reported working 15 or fewer hours were far more likely to borrow (47 percent versus 26 percent) and also borrowed more on average (\$4,344 versus \$3,810) than their counterparts working full time. The differences in the proportions working 15 or fewer hours versus 35 or more hours were also found for students in either public 4-year institutions or private, not-for-profit 4-year institutions.

Students who work long hours have more limited time not only for studying but also for fully integrating themselves into campus life. In a study of college retention, Astin reported that “the largest negative effect on retention is working full time as a student.”<sup>33</sup> While borrowing results in debt that must be repaid when students finish their postsecondary education, choosing to work intensively in lieu of any borrowing may increase a student’s chance of not finishing his or her degree. In fact, based on the results of this study, it appears that borrowing enough to reduce the number of hours a student needs to work to no more than 15 hours per week may increase a student’s chances of completing her or his degree.

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<sup>33</sup>A. Astin, *What Matters in College?* (San Francisco: Jossey-Bass, 1993), 196.



# TABLE COMPENDIUM



## SECTION 1: SUPPLEMENTAL TABLES ABOUT WORK

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- About 79 percent of 1995-96 undergraduates worked while they were enrolled in postsecondary education (table 1.1).
- Among undergraduates who worked while they were enrolled, almost two-thirds (63 percent) identified themselves as students who worked primarily to pay for their education; the remaining working undergraduates identified themselves primarily as employees who were also enrolled in postsecondary education (table 1.2).
- Among undergraduates who worked while enrolled, 91 percent reported working either all the weeks they were enrolled (69 percent) or most of the weeks they were enrolled (22 percent; table 1.3).
- In 1995-96, about one in ten (11 percent) undergraduates reported participating in an apprenticeship, internship, or cooperative education program, ranging from about 5 percent for first-year beginning students to 26 percent of seniors (table 1.4).
- Undergraduates in 2-year institutions were less likely to have participated in internships than those in less-than-2-year or 4-year institutions (3 percent versus 8 percent and 12 percent; table 1.4).

**Table 1.1—Percentage distribution of undergraduates according to the average hours worked per week while enrolled: 1995–96**

|                               | Did not<br>work | 1–15<br>hours | 16–20<br>hours | 21–34<br>hours | 35 or more<br>hours |
|-------------------------------|-----------------|---------------|----------------|----------------|---------------------|
| Total                         | 21.2            | 13.2          | 12.4           | 16.7           | 36.4                |
| Level of institution          |                 |               |                |                |                     |
| Less-than-2-year              | 42.0            | 5.9           | 10.0           | 15.6           | 26.5                |
| 2-year                        | 17.1            | 6.7           | 10.2           | 16.7           | 49.3                |
| 4-year                        | 23.5            | 20.2          | 14.7           | 16.5           | 25.1                |
| More than one institution     | 21.0            | 16.5          | 14.4           | 19.5           | 28.7                |
| Control of institution*       |                 |               |                |                |                     |
| Public                        | 19.8            | 11.3          | 12.6           | 17.6           | 38.9                |
| Private, not-for-profit       | 22.7            | 24.2          | 11.8           | 11.9           | 29.4                |
| Private, for-profit           | 36.9            | 5.5           | 10.6           | 15.8           | 31.2                |
| Institution type*             |                 |               |                |                |                     |
| Public                        |                 |               |                |                |                     |
| Less-than-2-year              | 33.0            | 5.9           | 11.3           | 19.9           | 30.1                |
| 2-year                        | 16.3            | 6.7           | 10.1           | 16.6           | 50.4                |
| 4-year nondoctorate-granting  | 21.9            | 15.1          | 15.3           | 20.3           | 27.4                |
| 4-year doctorate-granting     | 25.8            | 20.0          | 16.7           | 17.8           | 19.7                |
| Private, not-for-profit       |                 |               |                |                |                     |
| Less-than-4-year              | 28.3            | 10.6          | 10.6           | 14.7           | 35.8                |
| 4-year nondoctorate-granting  | 20.7            | 24.0          | 11.6           | 12.1           | 31.7                |
| 4-year doctorate-granting     | 25.2            | 28.3          | 12.6           | 10.8           | 23.2                |
| Private, for-profit           | 36.9            | 5.5           | 10.6           | 15.8           | 31.2                |
| Class level                   |                 |               |                |                |                     |
| First-year beginning          | 30.2            | 15.2          | 13.2           | 17.5           | 23.9                |
| Other first year              | 18.0            | 8.4           | 8.6            | 16.0           | 49.0                |
| Second year                   | 19.6            | 12.5          | 13.8           | 14.9           | 39.2                |
| Third year                    | 19.3            | 19.3          | 15.7           | 17.4           | 28.4                |
| Fourth or fifth year          | 18.5            | 19.2          | 16.9           | 19.1           | 26.3                |
| Unclassified                  | 17.7            | 5.3           | 6.1            | 17.4           | 53.5                |
| Attendance intensity          |                 |               |                |                |                     |
| Exclusively full-time         | 29.0            | 19.0          | 15.2           | 18.3           | 18.5                |
| Mixed full-time and part-time | 19.5            | 13.7          | 16.0           | 19.3           | 31.5                |
| Exclusively part-time         | 11.3            | 5.2           | 6.6            | 13.0           | 64.0                |
| Attendance status             |                 |               |                |                |                     |
| Full-time, full-year          | 27.4            | 22.6          | 17.2           | 18.5           | 14.4                |
| Full-time, part-year          | 30.2            | 8.3           | 11.6           | 18.5           | 31.4                |
| Part-time, full-year          | 13.7            | 8.2           | 9.2            | 16.2           | 52.6                |
| Part-time, part-year          | 13.0            | 4.7           | 7.9            | 12.7           | 61.8                |

**Table 1.1—Percentage distribution of undergraduates according to the average hours worked per week while enrolled: 1995–96—Continued**

|  | Did not<br>work | 1–15<br>hours | 16–20<br>hours | 21–34<br>hours | 35 or more<br>hours |
|--|-----------------|---------------|----------------|----------------|---------------------|
| <b>Undergraduate program</b>               |                 |               |                |                |                     |
| Certificate                                | 26.4            | 7.4           | 9.1            | 15.0           | 42.1                |
| Associate's degree                         | 17.7            | 7.9           | 11.6           | 17.5           | 45.4                |
| Bachelor's degree                          | 23.7            | 21.1          | 15.2           | 17.2           | 22.9                |
| Nondegree program                          | 12.8            | 2.9           | 3.9            | 10.5           | 70.0                |
| <b>Gender</b>                              |                 |               |                |                |                     |
| Male                                       | 19.6            | 11.6          | 12.1           | 17.8           | 39.0                |
| Female                                     | 22.5            | 14.5          | 12.8           | 15.9           | 34.4                |
| <b>Race–ethnicity</b>                      |                 |               |                |                |                     |
| White, non-Hispanic                        | 20.4            | 13.3          | 12.6           | 17.5           | 36.2                |
| Black, non-Hispanic                        | 19.9            | 10.7          | 11.1           | 15.3           | 43.0                |
| Hispanic                                   | 19.4            | 10.8          | 13.7           | 14.2           | 41.9                |
| Asian/Pacific Islander                     | 34.7            | 22.3          | 12.6           | 11.7           | 18.8                |
| American Indian/Alaskan Native             | 29.9            | 11.9          | 7.4            | 29.0           | 21.9                |
| <b>Dependency status</b>                   |                 |               |                |                |                     |
| Dependent                                  | 22.3            | 19.8          | 16.9           | 21.0           | 20.0                |
| Independent                                | 20.1            | 6.9           | 8.2            | 12.6           | 52.2                |
| No dependents, unmarried                   | 16.3            | 7.4           | 9.3            | 14.3           | 52.8                |
| No dependents, married                     | 21.9            | 7.8           | 10.4           | 15.2           | 44.8                |
| With dependents                            | 22.0            | 6.2           | 6.5            | 10.4           | 54.9                |
| <b>Age as of 12/31/95</b>                  |                 |               |                |                |                     |
| 18 years or younger                        | 29.6            | 20.2          | 15.7           | 19.4           | 15.1                |
| 19–23 years                                | 21.0            | 18.3          | 17.0           | 21.4           | 22.3                |
| 24–29 years                                | 16.2            | 8.4           | 8.1            | 14.1           | 53.2                |
| 30–39 years                                | 20.1            | 7.4           | 6.6            | 9.7            | 56.3                |
| 40 years or older                          | 23.6            | 3.1           | 6.7            | 10.0           | 56.8                |
| <b>Dependency and income level in 1994</b> |                 |               |                |                |                     |
| <b>Dependent</b>                           |                 |               |                |                |                     |
| Less than \$20,000                         | 25.5            | 19.6          | 17.7           | 21.6           | 15.6                |
| \$20,000–39,999                            | 20.3            | 18.1          | 16.7           | 22.7           | 22.3                |
| \$40,000–59,999                            | 17.6            | 20.1          | 17.7           | 22.0           | 22.6                |
| \$60,000–79,999                            | 22.1            | 19.4          | 17.0           | 18.8           | 22.7                |
| \$80,000–99,999                            | 23.6            | 21.4          | 15.6           | 20.4           | 19.0                |
| \$100,000 or more                          | 30.3            | 22.4          | 15.2           | 19.0           | 13.2                |
| <b>Independent</b>                         |                 |               |                |                |                     |
| Less than \$10,000                         | 29.9            | 12.8          | 13.1           | 17.5           | 26.8                |
| \$10,000–19,999                            | 14.8            | 5.6           | 7.8            | 15.1           | 56.7                |
| \$20,000–29,999                            | 21.4            | 3.9           | 8.7            | 8.3            | 57.8                |
| \$30,000–49,999                            | 15.6            | 4.8           | 4.4            | 11.1           | 64.2                |
| \$50,000 or more                           | 16.4            | 5.0           | 5.2            | 7.8            | 65.7                |

**Table 1.1—Percentage distribution of undergraduates according to the average hours worked per week while enrolled: 1995–96—Continued**

|   | Did not<br>work | 1–15<br>hours | 16–20<br>hours | 21–34<br>hours | 35 or more<br>hours |
|---|-----------------|---------------|----------------|----------------|---------------------|
| <b>Marital status</b>                         |                 |               |                |                |                     |
| Not married                                   | 20.8            | 15.4          | 14.3           | 18.3           | 31.3                |
| Married                                       | 21.9            | 6.7           | 7.2            | 11.5           | 52.7                |
| Separated                                     | 29.5            | 6.4           | 4.3            | 16.0           | 43.8                |
| <b>Single parent</b>                          |                 |               |                |                |                     |
| No  | 21.2            | 14.0          | 12.8           | 17.3           | 34.7                |
| Yes   | 21.0            | 6.3           | 9.1            | 11.3           | 52.3                |
| <b>Number of dependents</b>                   |                 |               |                |                |                     |
| None  | 20.9            | 15.5          | 14.4           | 18.8           | 30.5                |
| One or more                                   | 22.0            | 6.2           | 6.5            | 10.4           | 54.9                |
| <b>Parents' education</b>                     |                 |               |                |                |                     |
| Less than high school diploma                 | 26.0            | 10.8          | 11.0           | 12.6           | 39.7                |
| High school diploma or equivalent             | 20.1            | 11.0          | 10.3           | 16.4           | 42.3                |
| Some postsecondary education                  | 16.3            | 12.4          | 13.0           | 20.8           | 37.6                |
| Bachelor's degree or higher                   | 23.3            | 17.9          | 14.9           | 17.2           | 26.7                |
| <b>Disability status</b>                      |                 |               |                |                |                     |
| No  | 20.3            | 13.3          | 12.7           | 16.7           | 36.9                |
| Yes   | 35.2            | 11.5          | 8.2            | 17.8           | 27.3                |
| <b>Primary role if working while enrolled</b> |                 |               |                |                |                     |
| Student working to meet expenses              | †               | 25.3          | 21.8           | 27.0           | 26.0                |
| Employee enrolled in school                   | †               | 3.5           | 5.8            | 11.8           | 78.9                |

†Not applicable.

\*Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 1.2—Among undergraduates who worked while enrolled,<sup>1</sup> the percentage according to how they defined their primary role: 1995–96**

|                                     | Student working<br>to meet expenses | Employee enrolled<br>in school |
|-------------------------------------|-------------------------------------|--------------------------------|
| Total                               | 63.2                                | 36.8                           |
| Level of institution                |                                     |                                |
| Less-than-2-year                    | 51.1                                | 48.9                           |
| 2-year                              | 50.5                                | 49.5                           |
| 4-year                              | 76.4                                | 23.6                           |
| More than one institution           | 75.6                                | 24.4                           |
| Control of institution <sup>2</sup> |                                     |                                |
| Public                              | 61.0                                | 39.0                           |
| Private, not-for-profit             | 71.6                                | 28.4                           |
| Private, for-profit                 | 56.1                                | 43.9                           |
| Institution type <sup>2</sup>       |                                     |                                |
| Public                              |                                     |                                |
| Less-than-2-year                    | 47.0                                | 53.0                           |
| 2-year                              | 50.0                                | 50.1                           |
| 4-year nondoctorate-granting        | 74.1                                | 25.9                           |
| 4-year doctorate-granting           | 81.9                                | 18.1                           |
| Private, not-for-profit             |                                     |                                |
| Less-than-4-year                    | 54.8                                | 45.2                           |
| 4-year nondoctorate-granting        | 70.2                                | 29.8                           |
| 4-year doctorate-granting           | 78.8                                | 21.2                           |
| Private, for-profit                 | 56.1                                | 43.9                           |
| Class level                         |                                     |                                |
| First-year beginning                | 71.1                                | 28.9                           |
| Other first year                    | 48.3                                | 51.7                           |
| Second year                         | 66.3                                | 33.7                           |
| Third year                          | 77.1                                | 22.9                           |
| Fourth or fifth year                | 78.1                                | 21.9                           |
| Unclassified                        | 33.0                                | 67.0                           |
| Attendance intensity                |                                     |                                |
| Exclusively full-time               | 83.1                                | 17.0                           |
| Mixed full-time and part-time       | 77.2                                | 22.8                           |
| Exclusively part-time               | 33.3                                | 66.7                           |
| Attendance status                   |                                     |                                |
| Full-time, full-year                | 89.5                                | 10.6                           |
| Full-time, part-year                | 65.7                                | 34.4                           |
| Part-time, full-year                | 50.6                                | 49.4                           |
| Part-time, part-year                | 34.3                                | 65.7                           |

**Table 1.2—Among undergraduates who worked while enrolled,<sup>1</sup> the percentage according to how they defined their primary role: 1995–96—Continued**

|                                     | Student working<br>to meet expenses | Employee enrolled<br>in school |
|-------------------------------------|-------------------------------------|--------------------------------|
| Undergraduate program               |                                     |                                |
| Certificate                         | 47.0                                | 53.0                           |
| Associate's degree                  | 55.6                                | 44.5                           |
| Bachelor's degree                   | 79.8                                | 20.2                           |
| Nondegree program                   | 25.1                                | 74.9                           |
| Gender                              |                                     |                                |
| Male                                | 64.7                                | 35.3                           |
| Female                              | 61.9                                | 38.1                           |
| Race–ethnicity                      |                                     |                                |
| White, non-Hispanic                 | 63.4                                | 36.6                           |
| Black, non-Hispanic                 | 57.1                                | 42.9                           |
| Hispanic                            | 63.6                                | 36.4                           |
| Asian/Pacific Islander              | 77.4                                | 22.6                           |
| American Indian/Alaskan Native      | 40.5                                | 59.5                           |
| Dependency status                   |                                     |                                |
| Dependent                           | 86.9                                | 13.1                           |
| Independent                         | 40.8                                | 59.2                           |
| No dependents, unmarried            | 48.6                                | 51.4                           |
| No dependents, married              | 39.4                                | 60.6                           |
| With dependents                     | 35.7                                | 64.3                           |
| Age as of 12/31/95                  |                                     |                                |
| 18 years or younger                 | 85.4                                | 14.7                           |
| 19–23 years                         | 84.8                                | 15.2                           |
| 24–29 years                         | 51.6                                | 48.4                           |
| 30–39 years                         | 33.3                                | 66.7                           |
| 40 years or older                   | 19.6                                | 80.4                           |
| Dependency and income level in 1994 |                                     |                                |
| Dependent                           |                                     |                                |
| Less than \$20,000                  | 84.5                                | 15.5                           |
| \$20,000–39,999                     | 86.8                                | 13.2                           |
| \$40,000–59,999                     | 86.5                                | 13.5                           |
| \$60,000–79,999                     | 87.3                                | 12.7                           |
| \$80,000–99,999                     | 84.8                                | 15.2                           |
| \$100,000 or more                   | 92.1                                | 7.9                            |
| Independent                         |                                     |                                |
| Less than \$10,000                  | 71.9                                | 28.2                           |
| \$10,000–19,999                     | 47.5                                | 52.5                           |
| \$20,000–29,999                     | 37.2                                | 62.8                           |
| \$30,000–49,999                     | 24.2                                | 75.8                           |
| \$50,000 or more                    | 18.1                                | 81.9                           |

**Table 1.2—Among undergraduates who worked while enrolled,<sup>1</sup> the percentage according to how they defined their primary role: 1995–96—Continued**

|                                     | Student working<br>to meet expenses | Employee enrolled<br>in school |
|-------------------------------------|-------------------------------------|--------------------------------|
| Marital status                      |                                     |                                |
| Not married                         | 72.5                                | 27.5                           |
| Married                             | 33.4                                | 66.7                           |
| Separated                           | 48.7                                | 51.4                           |
| Single parent                       |                                     |                                |
| No                                  | 65.6                                | 34.4                           |
| Yes                                 | 41.9                                | 58.1                           |
| Number of dependents                |                                     |                                |
| None                                | 71.9                                | 28.1                           |
| One or more                         | 35.7                                | 64.3                           |
| Parents' education                  |                                     |                                |
| Less than high school diploma       | 46.4                                | 53.6                           |
| High school diploma or equivalent   | 52.8                                | 47.2                           |
| Some postsecondary education        | 67.2                                | 32.8                           |
| Bachelor's degree or higher         | 75.7                                | 24.3                           |
| Disability status <sup>3</sup>      |                                     |                                |
| No                                  | 63.3                                | 36.7                           |
| Yes                                 | 63.6                                | 36.4                           |
| Average hours worked while enrolled |                                     |                                |
| 1–15 hours                          | 92.5                                | 7.5                            |
| 16–20 hours                         | 86.6                                | 13.5                           |
| 21–34 hours                         | 79.7                                | 20.3                           |
| 35 hours or more                    | 36.1                                | 63.9                           |

<sup>1</sup>Represents about 79 percent of undergraduates.

<sup>2</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>3</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 1.3—Among undergraduates who worked while enrolled,<sup>1</sup> the percentage distribution according to the number of weeks they worked during enrollment: 1995–96**

|                                     | Weeks employed while enrolled |            |                      |                          |
|-------------------------------------|-------------------------------|------------|----------------------|--------------------------|
|                                     | Every week                    | Most weeks | About half the weeks | Less than half the weeks |
| Total                               | 69.2                          | 22.0       | 3.5                  | 5.3                      |
| Level of institution                |                               |            |                      |                          |
| Less-than-2-year                    | 61.7                          | 23.5       | 4.4                  | 10.5                     |
| 2-year                              | 77.5                          | 16.8       | 2.7                  | 3.0                      |
| 4-year                              | 61.4                          | 27.0       | 4.3                  | 7.4                      |
| More than one institution           | 63.1                          | 27.1       | 3.4                  | 6.5                      |
| Control of institution <sup>2</sup> |                               |            |                      |                          |
| Public                              | 71.2                          | 20.7       | 3.3                  | 4.8                      |
| Private, not-for-profit             | 62.4                          | 26.7       | 4.2                  | 6.6                      |
| Private, for-profit                 | 66.2                          | 21.2       | 4.3                  | 8.4                      |
| Institution type <sup>2</sup>       |                               |            |                      |                          |
| Public                              |                               |            |                      |                          |
| Less-than-2-year                    | 61.8                          | 23.4       | 4.2                  | 10.6                     |
| 2-year                              | 77.9                          | 16.7       | 2.6                  | 2.8                      |
| 4-year nondoctorate-granting        | 65.3                          | 23.6       | 3.9                  | 7.2                      |
| 4-year doctorate-granting           | 57.9                          | 29.3       | 4.6                  | 8.2                      |
| Private, not-for-profit             |                               |            |                      |                          |
| Less-than-4-year                    | 72.8                          | 16.8       | 3.8                  | 6.7                      |
| 4-year nondoctorate-granting        | 65.1                          | 25.0       | 4.2                  | 5.7                      |
| 4-year doctorate-granting           | 54.2                          | 33.0       | 4.4                  | 8.5                      |
| Private, for-profit                 | 66.2                          | 21.2       | 4.3                  | 8.4                      |
| Class level                         |                               |            |                      |                          |
| First-year beginning                | 60.6                          | 25.3       | 4.9                  | 9.2                      |
| Other first year                    | 74.7                          | 19.2       | 2.5                  | 3.5                      |
| Second year                         | 72.7                          | 19.8       | 3.4                  | 4.1                      |
| Third year                          | 67.5                          | 23.5       | 3.3                  | 5.7                      |
| Fourth or fifth year                | 62.6                          | 27.6       | 4.0                  | 5.9                      |
| Unclassified                        | 77.8                          | 16.5       | 2.4                  | 3.3                      |
| Attendance intensity                |                               |            |                      |                          |
| Exclusively full-time               | 56.0                          | 30.7       | 5.3                  | 8.0                      |
| Mixed full-time and part-time       | 66.6                          | 23.4       | 4.0                  | 6.0                      |
| Exclusively part-time               | 85.6                          | 11.3       | 1.1                  | 2.0                      |
| Attendance status                   |                               |            |                      |                          |
| Full-time, full-year                | 53.8                          | 32.3       | 5.2                  | 8.6                      |
| Full-time, part-year                | 64.2                          | 25.6       | 4.1                  | 6.2                      |
| Part-time, full-year                | 79.3                          | 15.4       | 2.6                  | 2.7                      |
| Part-time, part-year                | 84.5                          | 11.5       | 1.2                  | 2.8                      |

**Table 1.3—Among undergraduates who worked while enrolled,<sup>1</sup> the percentage distribution according to the number of weeks they worked during enrollment: 1995–96—Continued**

|  | Weeks employed while enrolled |            |                      |                          |
|--|-------------------------------|------------|----------------------|--------------------------|
|  | Every week                    | Most weeks | About half the weeks | Less than half the weeks |
| <b>Undergraduate program</b>               |                               |            |                      |                          |
| Certificate                                | 71.2                          | 18.7       | 4.6                  | 5.5                      |
| Associate's degree                         | 75.7                          | 18.5       | 2.5                  | 3.3                      |
| Bachelor's degree                          | 60.0                          | 27.9       | 4.3                  | 7.7                      |
| Nondegree program                          | 87.6                          | 8.8        | 1.3                  | 2.2                      |
| <b>Gender</b>                              |                               |            |                      |                          |
| Male                                       | 66.6                          | 24.2       | 3.9                  | 5.3                      |
| Female                                     | 71.4                          | 20.2       | 3.1                  | 5.3                      |
| <b>Race–ethnicity</b>                      |                               |            |                      |                          |
| White, non-Hispanic                        | 70.0                          | 21.2       | 3.5                  | 5.4                      |
| Black, non-Hispanic                        | 67.3                          | 24.8       | 2.2                  | 5.6                      |
| Hispanic                                   | 73.3                          | 18.8       | 4.0                  | 3.9                      |
| Asian/Pacific Islander                     | 58.1                          | 29.9       | 5.6                  | 6.4                      |
| American Indian/Alaskan Native             | 42.9                          | 48.4       | 2.1                  | 6.6                      |
| <b>Dependency status</b>                   |                               |            |                      |                          |
| Dependent                                  | 59.0                          | 30.1       | 4.2                  | 6.8                      |
| Independent                                | 78.9                          | 14.4       | 2.8                  | 4.0                      |
| No dependents, unmarried                   | 78.6                          | 14.0       | 3.9                  | 3.5                      |
| No dependents, married                     | 77.6                          | 15.7       | 2.7                  | 4.1                      |
| With dependents                            | 79.6                          | 14.2       | 2.0                  | 4.3                      |
| <b>Age as of 12/31/95</b>                  |                               |            |                      |                          |
| 18 years or younger                        | 54.9                          | 29.8       | 5.0                  | 10.3                     |
| 19–23 years                                | 61.0                          | 29.2       | 4.0                  | 5.8                      |
| 24–29 years                                | 77.4                          | 14.2       | 3.9                  | 4.5                      |
| 30–39 years                                | 80.8                          | 12.8       | 2.4                  | 4.0                      |
| 40 years or older                          | 83.8                          | 12.7       | 1.0                  | 2.5                      |
| <b>Dependency and income level in 1994</b> |                               |            |                      |                          |
| <b>Dependent</b>                           |                               |            |                      |                          |
| Less than \$20,000                         | 55.1                          | 33.6       | 4.5                  | 6.7                      |
| \$20,000–39,999                            | 61.4                          | 28.9       | 4.3                  | 5.4                      |
| \$40,000–59,999                            | 61.3                          | 28.2       | 3.6                  | 6.9                      |
| \$60,000–79,999                            | 60.3                          | 28.6       | 3.7                  | 7.4                      |
| \$80,000–99,999                            | 61.3                          | 26.0       | 5.1                  | 7.6                      |
| \$100,000 or more                          | 50.3                          | 36.9       | 4.8                  | 8.0                      |
| <b>Independent</b>                         |                               |            |                      |                          |
| Less than \$10,000                         | 63.0                          | 25.4       | 5.2                  | 6.3                      |
| \$10,000–19,999                            | 79.5                          | 12.5       | 3.3                  | 4.8                      |
| \$20,000–29,999                            | 84.0                          | 11.1       | 2.1                  | 2.8                      |
| \$30,000–49,999                            | 85.3                          | 10.2       | 1.4                  | 3.1                      |
| \$50,000 or more                           | 85.4                          | 11.1       | 1.5                  | 2.1                      |

**Table 1.3—Among undergraduates who worked while enrolled,<sup>1</sup> the percentage distribution according to the number of weeks they worked during enrollment: 1995–96—Continued**

|  | Weeks employed while enrolled |            |                      |                          |
|--|-------------------------------|------------|----------------------|--------------------------|
|  | Every week                    | Most weeks | About half the weeks | Less than half the weeks |
| <b>Marital status</b>                      |                               |            |                      |                          |
| Not married                                | 65.4                          | 25.0       | 3.9                  | 5.8                      |
| Married                                    | 81.5                          | 12.6       | 1.9                  | 4.0                      |
| Separated                                  | 75.2                          | 16.0       | 5.9                  | 2.9                      |
| <b>Single parent</b>                       |                               |            |                      |                          |
| No   | 68.7                          | 22.4       | 3.6                  | 5.4                      |
| Yes  | 74.2                          | 18.9       | 2.3                  | 4.7                      |
| <b>Number of dependents</b>                |                               |            |                      |                          |
| None                                       | 65.9                          | 24.5       | 3.9                  | 5.7                      |
| One or more                                | 79.6                          | 14.2       | 2.0                  | 4.3                      |
| <b>Parents' education</b>                  |                               |            |                      |                          |
| Less than high school diploma              | 77.9                          | 16.0       | 1.8                  | 4.2                      |
| High school diploma or equivalent          | 73.4                          | 18.3       | 3.6                  | 4.7                      |
| Some postsecondary education               | 69.5                          | 22.5       | 2.4                  | 5.6                      |
| Bachelor's degree or higher                | 63.0                          | 26.8       | 4.3                  | 6.0                      |
| <b>Disability status</b>                   |                               |            |                      |                          |
| No   | 69.2                          | 22.1       | 3.5                  | 5.2                      |
| Yes  | 67.8                          | 19.8       | 3.8                  | 8.7                      |
| <b>Primary role</b>                        |                               |            |                      |                          |
| Student working to meet expenses           | 59.2                          | 28.9       | 4.8                  | 7.2                      |
| Employee enrolled in school                | 86.5                          | 10.3       | 1.2                  | 2.0                      |
| <b>Average hours worked while enrolled</b> |                               |            |                      |                          |
| 1–15 hours                                 | 42.7                          | 37.2       | 7.5                  | 12.6                     |
| 16–20 hours                                | 55.3                          | 32.6       | 5.1                  | 7.0                      |
| 21–34 hours                                | 63.2                          | 29.7       | 3.3                  | 3.9                      |
| 35 hours or more                           | 87.1                          | 8.9        | 1.5                  | 2.5                      |

<sup>1</sup>About 79 percent worked while enrolled.

<sup>2</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 1.4—Percentage of undergraduates who participated in an apprenticeship, internship, or cooperative education program: 1995–96**

|                               | Participated<br>in any<br>of the<br>three | Apprentice-<br>ship | Internship | Cooperative<br>education |
|-------------------------------|---|---------------------|------------|--------------------------|
| Total                         | 11.1                                      | 1.5                 | 7.8        | 2.4                      |
| Level of institution          |   |                     |            |                          |
| Less-than-2-year              | 11.9                                      | 3.8                 | 7.9        | 1.0                      |
| 2-year                        | 6.9                                       | 2.2                 | 3.1        | 2.0                      |
| 4-year                        | 14.9                                      | 0.7                 | 12.4       | 2.8                      |
| More than one institution     | 14.2                                      | 0.8                 | 9.8        | 4.6                      |
| Control of institution*       |   |                     |            |                          |
| Public                        | 9.4                                       | 1.6                 | 6.1        | 2.2                      |
| Private, not-for-profit       | 18.2                                      | 1.5                 | 15.3       | 2.9                      |
| Private, for-profit           | 11.1                                      | 1.2                 | 8.9        | 1.6                      |
| Institution type*             |   |                     |            |                          |
| Public                        |   |                     |            |                          |
| Less-than-2-year              | 13.8                                      | 8.0                 | 5.8        | 1.2                      |
| 2-year                        | 6.6                                       | 2.2                 | 2.7        | 2.0                      |
| 4-year nondoctorate-granting  | 11.1                                      | 0.6                 | 9.0        | 2.0                      |
| 4-year doctorate-granting     | 14.7                                      | 0.4                 | 12.1       | 3.1                      |
| Private, not-for-profit       |   |                     |            |                          |
| Less-than-4-year              | 10.7                                      | 5.6                 | 4.8        | 1.2                      |
| 4-year nondoctorate-granting  | 17.7                                      | 0.8                 | 15.4       | 2.4                      |
| 4-year doctorate-granting     | 21.2                                      | 1.7                 | 17.6       | 4.3                      |
| Private, for-profit           | 11.1                                      | 1.2                 | 8.9        | 1.6                      |
| Class level                   |   |                     |            |                          |
| First-year beginning          | 5.2                                       | 1.0                 | 3.1        | 1.5                      |
| Other first year              | 7.6                                       | 2.4                 | 3.0        | 2.6                      |
| Second year                   | 10.1                                      | 1.7                 | 6.7        | 2.3                      |
| Third year                    | 16.3                                      | 0.5                 | 14.1       | 2.7                      |
| Fourth or fifth year          | 26.0                                      | 1.1                 | 22.8       | 4.5                      |
| Unclassified                  | 7.1                                       | 1.6                 | 4.8        | 1.0                      |
| Attendance intensity          |   |                     |            |                          |
| Exclusively full-time         | 12.9                                      | 0.9                 | 10.3       | 2.5                      |
| Mixed full-time and part-time | 14.8                                      | 1.3                 | 10.7       | 4.0                      |
| Exclusively part-time         | 6.7                                       | 2.4                 | 3.1        | 1.6                      |
| Attendance status             |   |                     |            |                          |
| Full-time, full-year          | 14.8                                      | 0.7                 | 12.1       | 3.0                      |
| Full-time, part-year          | 9.6                                       | 1.3                 | 6.4        | 2.5                      |
| Part-time, full-year          | 10.5                                      | 2.7                 | 6.1        | 2.4                      |
| Part-time, part-year          | 5.8                                       | 1.7                 | 2.9        | 1.5                      |

**Table 1.4—Percentage of undergraduates who participated in an apprenticeship, internship, or cooperative education program: 1995–96—Continued**

|  | Participated<br>in any<br>of the<br>three | Apprentice-<br>ship | Internship | Cooperative<br>education |
|--|---|---------------------|------------|--------------------------|
| <b>Undergraduate program</b>               |   |                     |            |                          |
| Certificate                                | 13.5                                      | 6.5                 | 6.5        | 1.7                      |
| Associate's degree                         | 6.8                                       | 1.1                 | 4.0        | 2.1                      |
| Bachelor's degree                          | 14.8                                      | 0.6                 | 12.4       | 2.7                      |
| Nondegree program                          | 7.7                                       | 0.4                 | 1.7        | 5.8                      |
| <b>Gender</b>                              |   |                     |            |                          |
| Male                                       | 11.0                                      | 2.4                 | 6.9        | 2.4                      |
| Female                                     | 11.2                                      | 0.8                 | 8.6        | 2.4                      |
| <b>Race–ethnicity</b>                      |   |                     |            |                          |
| White, non-Hispanic                        | 11.2                                      | 1.4                 | 8.0        | 2.6                      |
| Black, non-Hispanic                        | 9.0                                       | 0.8                 | 6.9        | 1.6                      |
| Hispanic                                   | 10.8                                      | 2.7                 | 7.3        | 1.6                      |
| Asian/Pacific Islander                     | 12.9                                      | 0.4                 | 10.1       | 3.2                      |
| American Indian/Alaskan Native             | 27.9                                      | 20.0                | 5.1        | 7.8                      |
| <b>Dependency status</b>                   |   |                     |            |                          |
| Dependent                                  | 13.0                                      | 1.2                 | 10.0       | 2.6                      |
| Independent                                | 9.2                                       | 1.9                 | 5.5        | 2.3                      |
| No dependents, unmarried                   | 11.3                                      | 2.7                 | 6.9        | 2.5                      |
| No dependents, married                     | 8.1                                       | 2.3                 | 5.0        | 1.3                      |
| With dependents                            | 8.0                                       | 1.2                 | 4.8        | 2.5                      |
| <b>Age as of 12/31/95</b>                  |   |                     |            |                          |
| 18 years or younger                        | 5.4                                       | 0.7                 | 3.2        | 1.8                      |
| 19–23 years                                | 14.2                                      | 1.3                 | 11.1       | 2.7                      |
| 24–29 years                                | 10.3                                      | 2.1                 | 6.8        | 2.1                      |
| 30–39 years                                | 7.7                                       | 0.8                 | 5.5        | 1.8                      |
| 40 years or older                          | 8.8                                       | 3.5                 | 2.9        | 3.2                      |
| <b>Dependency and income level in 1994</b> |   |                     |            |                          |
| <b>Dependent</b>                           |   |                     |            |                          |
| Less than \$20,000                         | 10.7                                      | 0.8                 | 8.8        | 1.6                      |
| \$20,000–39,999                            | 11.5                                      | 0.8                 | 8.8        | 2.7                      |
| \$40,000–59,999                            | 13.0                                      | 1.0                 | 10.2       | 2.5                      |
| \$60,000–79,999                            | 13.2                                      | 2.4                 | 9.0        | 2.8                      |
| \$80,000–99,999                            | 13.4                                      | 0.7                 | 10.0       | 3.7                      |
| \$100,000 or more                          | 17.8                                      | 1.0                 | 15.3       | 2.8                      |
| <b>Independent</b>                         |   |                     |            |                          |
| Less than \$10,000                         | 12.2                                      | 1.1                 | 9.3        | 2.6                      |
| \$10,000–19,999                            | 12.0                                      | 4.1                 | 6.0        | 2.9                      |
| \$20,000–29,999                            | 8.1                                       | 1.4                 | 4.5        | 2.6                      |
| \$30,000–49,999                            | 6.3                                       | 0.9                 | 3.5        | 2.3                      |
| \$50,000 or more                           | 6.1                                       | 1.9                 | 3.6        | 1.0                      |

**Table 1.4—Percentage of undergraduates who participated in an apprenticeship, internship, or cooperative education program: 1995–96—Continued**

|   | Participated<br>in any<br>of the<br>three | Apprentice-<br>ship | Internship | Cooperative<br>education |
|---|---|---------------------|------------|--------------------------|
| <b>Marital status</b>                         |   |                     |            |                          |
| Not married                                   | 12.0                                      | 1.5                 | 8.8        | 2.5                      |
| Married                                       | 8.3                                       | 1.8                 | 4.7        | 2.4                      |
| Separated                                     | 4.7                                       | 0.5                 | 2.2        | 2.3                      |
| <b>Single parent</b>                          |   |                     |            |                          |
| No  | 11.4                                      | 1.6                 | 8.1        | 2.5                      |
| Yes   | 7.6                                       | 1.1                 | 5.4        | 1.6                      |
| <b>Number of dependents</b>                   |   |                     |            |                          |
| None  | 12.0                                      | 1.6                 | 8.7        | 2.4                      |
| One or more                                   | 8.0                                       | 1.2                 | 4.8        | 2.5                      |
| <b>Parents' education</b>                     |   |                     |            |                          |
| Less than high school diploma                 | 6.9                                       | 0.6                 | 4.4        | 2.5                      |
| High school diploma or equivalent             | 10.9                                      | 2.4                 | 7.2        | 2.0                      |
| Some postsecondary education                  | 9.6                                       | 0.9                 | 6.3        | 2.9                      |
| Bachelor's degree or higher                   | 13.0                                      | 1.2                 | 10.1       | 2.6                      |
| <b>Disability status</b>                      |   |                     |            |                          |
| No  | 10.8                                      | 1.3                 | 7.8        | 2.4                      |
| Yes   | 16.8                                      | 5.4                 | 10.1       | 3.2                      |
| <b>Primary role if working while enrolled</b> |   |                     |            |                          |
| Student working to meet expenses              | 13.7                                      | 1.4                 | 10.6       | 2.6                      |
| Employee enrolled in school                   | 6.5                                       | 2.0                 | 2.9        | 2.0                      |
| <b>Average hours worked while enrolled</b>    |   |                     |            |                          |
| Did not work                                  | 11.6                                      | 0.5                 | 9.2        | 2.6                      |
| 1–15 hours                                    | 16.7                                      | 2.1                 | 13.2       | 2.7                      |
| 16–20 hours                                   | 12.6                                      | 0.7                 | 10.8       | 1.6                      |
| 21–34 hours                                   | 12.1                                      | 1.7                 | 8.5        | 2.8                      |
| 35 hours or more                              | 7.8                                       | 1.7                 | 4.2        | 2.3                      |

\*Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.



## SECTION 2: ENROLLMENT AND ATTENDANCE

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### INSTITUTION TYPE

- In 1995-96, about the same proportions of undergraduates were enrolled in 4-year institutions as were enrolled in 2-year institutions (45 percent and 46 percent, respectively; table 2.1).
- Younger undergraduates were more likely to be enrolled in 4-year institutions than older students, who tended to be enrolled in 2-year institutions. For example, 56 percent of undergraduates aged 19-23 were enrolled in 4-year institutions, compared with 27 percent of students aged 40 or older; in contrast, 64 percent of students aged 40 or older were enrolled in 2-year institutions, compared with 36 percent of students aged 19-23 (table 2.1).
- Although similar proportions of male and female undergraduates attended 2-year and less-than-2-year institutions, men were more likely than women to attend 4-year institutions (47 percent versus 44 percent; table 2.1).
- Black, non-Hispanic and Hispanic undergraduates were less likely than their white, non-Hispanic or Asian/Pacific Islander counterparts to attend 4-year institutions. About 38 percent of black, non-Hispanic and 35 percent of Hispanic students attended 4-year institutions, compared with 47 percent of white, non-Hispanic and 53 percent of Asian/Pacific Islander students. Conversely, black and Hispanic students were more likely to attend less-than-2-year institutions (8 percent) than white or Asian/Pacific Islander students (3 percent; table 2.1).
- In 1995-96, three-quarters of all undergraduates were enrolled in public institutions; 16 percent were enrolled in private, not-for-profit institutions; and 5 percent attended private, for-profit institutions. About 5 percent of undergraduates attended more than one institution (either simultaneously or consecutively; table 2.2).
- Racial-ethnic differences (also related to differences in income level as discussed on page 79) were found relative to institution control: black, non-Hispanic and Hispanic students attended private, for-profit institutions in higher proportions than white, non-Hispanic or Asian/Pacific Islander students (9 percent and 10 percent of black and Hispanic students versus 4 percent for either white or Asian students; table 2.2).
- In 1995-96, about 43 percent of undergraduates attended public 2-year institutions; 18 percent attended doctorate-granting and 12 percent attended nondoctorate-granting public 4-year colleges and universities; and 5 percent of undergraduates attended doc-

torate-granting and 10 percent attended nondoctorate-granting private, not-for-profit 4-year institutions (table 2.3).

- Students under 24 were much more likely than students 24 or older to be enrolled in public 4-year doctorate-granting institutions. For example, 22 percent of students aged 18 or younger were enrolled in public 4-year doctorate-granting institutions, compared with 15 percent of students aged 24-29. Half or more of students 24 and older, on the other hand, were enrolled in public 2-year institutions. About 50 percent of students 24-29 were enrolled in public 2-year institutions, compared with 38 percent of students under 19 (table 2.3).

### **ENROLLMENT INTENSITY**

- About 16 percent of 1995-96 undergraduates were enrolled in postsecondary education for the first time (first-year beginning students; table 2.4).
- About 23 percent of students attending exclusively full time were first-year beginning students, compared with 9 percent attending exclusively part time and 12 percent with mixed full-time, part-time attendance (table 2.4).
- Including those who attended only one term, in 1996, undergraduates were more likely to attend a postsecondary institution full time than part time. About 45 percent of students were attending school exclusively full time, compared with 36 percent of students attending exclusively part time and 19 percent of students with mixed enrollment intensity (table 2.5a).

### **ENROLLMENT CONSIDERATIONS**

- Approximately 20 percent of undergraduates reported that they had considered the graduation rate when choosing their institution. Students enrolled in 4-year and 2-year public or private, not-for-profit institutions were asked if they had considered the crime rate when making their decision to attend, and about 14 percent reported having done so (table 2.6).

**Table 2.1—Percentage distribution of undergraduates according to level of institution: 1995–96**

|                                     | Level of institution |        |        | More than one institution |
|-------------------------------------|----------------------|--------|--------|---------------------------|
|                                     | Less-than-2-year     | 2-year | 4-year |                           |
| Total                               | 4.2                  | 46.3   | 45.0   | 4.5                       |
| Control of institution <sup>1</sup> |                      |        |        |                           |
| Public                              | 1.6                  | 57.8   | 40.6   | †                         |
| Private, not-for-profit             | 1.4                  | 6.9    | 91.7   | †                         |
| Private, for-profit                 | 51.4                 | 37.6   | 11.0   | †                         |
| Class level <sup>2</sup>            |                      |        |        |                           |
| First-year beginning                | 8.0                  | 46.8   | 42.1   | 3.2                       |
| Other first year                    | 5.8                  | 68.5   | 20.5   | 5.2                       |
| Second year                         | 0.4                  | 56.2   | 37.7   | 5.7                       |
| Third year                          | †                    | 4.0    | 91.6   | 4.4                       |
| Fourth or fifth year                | †                    | 0.6    | 96.8   | 2.7                       |
| Unclassified                        | 18.5                 | 56.8   | 20.9   | 3.9                       |
| Attendance intensity                |                      |        |        |                           |
| Exclusively full-time               | 7.4                  | 29.4   | 60.5   | 2.7                       |
| Mixed full-time and part-time       | 0.9                  | 42.5   | 46.0   | 10.6                      |
| Exclusively part-time               | 1.8                  | 70.3   | 26.4   | 1.6                       |
| Attendance status                   |                      |        |        |                           |
| Full-time, full-year                | 3.9                  | 22.0   | 67.9   | 6.3                       |
| Full-time, part-year                | 14.1                 | 48.0   | 35.8   | 2.2                       |
| Part-time, full-year                | 1.3                  | 59.6   | 33.1   | 5.9                       |
| Part-time, part-year                | 1.6                  | 70.7   | 25.9   | 1.9                       |
| Undergraduate program <sup>2</sup>  |                      |        |        |                           |
| Certificate                         | 34.1                 | 51.2   | 10.8   | 3.9                       |
| Associate's degree                  | †                    | 89.7   | 4.8    | 5.6                       |
| Bachelor's degree                   | †                    | †      | 96.5   | 3.5                       |
| Nondegree program                   | 0.5                  | 51.6   | 41.7   | 6.2                       |
| Gender                              |                      |        |        |                           |
| Male                                | 3.6                  | 45.3   | 47.1   | 4.0                       |
| Female                              | 4.6                  | 47.0   | 43.5   | 5.0                       |
| Race–ethnicity                      |                      |        |        |                           |
| White, non-Hispanic                 | 3.1                  | 45.6   | 47.1   | 4.2                       |
| Black, non-Hispanic                 | 7.8                  | 49.1   | 37.9   | 5.1                       |
| Hispanic                            | 7.7                  | 51.4   | 35.1   | 5.8                       |
| Asian/Pacific Islander              | 3.4                  | 38.4   | 53.3   | 5.0                       |
| American Indian/Alaskan Native      | 3.8                  | 58.8   | 34.1   | 3.3                       |

**Table 2.1—Percentage distribution of undergraduates according to level of institution: 1995–96—Continued**

|  | Level of institution |        |        | More than one institution |
|--|----------------------|--------|--------|---------------------------|
|  | Less-than-2-year     | 2-year | 4-year |                           |
| <b>Dependency status</b>                   |                      |        |        |                           |
| Dependent                                  | 2.0                  | 35.2   | 57.8   | 5.0                       |
| Independent                                | 6.2                  | 56.9   | 32.7   | 4.1                       |
| No dependents, unmarried                   | 4.6                  | 51.5   | 40.1   | 3.9                       |
| No dependents, married                     | 4.7                  | 59.1   | 33.2   | 3.0                       |
| With dependents                            | 8.0                  | 60.1   | 27.3   | 4.6                       |
| <b>Age as of 12/31/95</b>                  |                      |        |        |                           |
| 18 years or younger                        | 3.1                  | 39.9   | 53.2   | 3.8                       |
| 19–23 years                                | 2.9                  | 35.9   | 55.8   | 5.4                       |
| 24–29 years                                | 4.6                  | 53.8   | 37.7   | 3.9                       |
| 30–39 years                                | 6.8                  | 57.7   | 31.1   | 4.4                       |
| 40 years or older                          | 6.0                  | 64.3   | 26.8   | 2.9                       |
| <b>Dependency and income level in 1994</b> |                      |        |        |                           |
| <b>Dependent</b>                           |                      |        |        |                           |
| Less than \$20,000                         | 3.8                  | 36.9   | 53.3   | 6.0                       |
| \$20,000–39,999                            | 2.3                  | 39.2   | 53.3   | 5.2                       |
| \$40,000–59,999                            | 1.7                  | 37.8   | 56.0   | 4.5                       |
| \$60,000–79,999                            | 1.1                  | 34.0   | 60.2   | 4.8                       |
| \$80,000–99,999                            | 1.5                  | 30.9   | 63.0   | 4.6                       |
| \$100,000 or more                          | 0.7                  | 23.6   | 71.4   | 4.4                       |
| <b>Independent</b>                         |                      |        |        |                           |
| Less than \$10,000                         | 9.0                  | 49.1   | 35.6   | 6.3                       |
| \$10,000–19,999                            | 6.6                  | 59.7   | 30.2   | 3.4                       |
| \$20,000–29,999                            | 5.2                  | 62.5   | 29.3   | 3.0                       |
| \$30,000–49,999                            | 4.6                  | 60.1   | 31.8   | 3.6                       |
| \$50,000 or more                           | 3.4                  | 58.1   | 36.0   | 2.6                       |
| <b>Marital status</b>                      |                      |        |        |                           |
| Not married                                | 3.5                  | 42.7   | 49.1   | 4.7                       |
| Married                                    | 5.9                  | 58.0   | 32.3   | 3.8                       |
| Separated                                  | 11.0                 | 63.2   | 21.3   | 4.5                       |
| <b>Single parent</b>                       |                      |        |        |                           |
| No   | 3.6                  | 44.2   | 47.7   | 4.5                       |
| Yes  | 8.9                  | 62.8   | 23.6   | 4.8                       |
| <b>Number of dependents</b>                |                      |        |        |                           |
| None                                       | 2.9                  | 41.8   | 50.8   | 4.5                       |
| One or more                                | 8.0                  | 60.1   | 27.3   | 4.6                       |

**Table 2.1—Percentage distribution of undergraduates according to level of institution: 1995–96—Continued**

|   | Level of institution |        |        | More than one institution |
|---|----------------------|--------|--------|---------------------------|
|   | Less-than-2-year     | 2-year | 4-year |                           |
| Parents' education <sup>3</sup>                     |                      |        |        |                           |
| Less than high school diploma                       | 7.7                  | 60.5   | 25.6   | 6.3                       |
| High school diploma or equivalent                   | 5.2                  | 50.2   | 39.1   | 5.5                       |
| Some postsecondary education                        | 3.5                  | 50.3   | 40.8   | 5.4                       |
| Bachelor's degree or higher                         | 1.8                  | 34.1   | 57.7   | 6.4                       |
| Disability status <sup>3</sup>                      |                      |        |        |                           |
| No  | 3.9                  | 45.6   | 45.0   | 5.5                       |
| Yes   | 6.5                  | 49.0   | 37.7   | 6.8                       |
| Primary role if working while enrolled <sup>3</sup> |                      |        |        |                           |
| Student working to meet expenses                    | 2.4                  | 38.3   | 52.2   | 7.1                       |
| Employee enrolled in school                         | 3.9                  | 64.4   | 27.7   | 3.9                       |
| Average hours worked while enrolled                 |                      |        |        |                           |
| Did not work  | 8.0                  | 37.0   | 49.5   | 5.5                       |
| 1–15 hours  | 1.8                  | 23.3   | 68.0   | 6.9                       |
| 16–20 hours   | 3.3                  | 37.6   | 52.8   | 6.4                       |
| 21–34 hours   | 3.8                  | 45.7   | 44.0   | 6.5                       |
| 35 hours or more                                    | 3.0                  | 62.0   | 30.7   | 4.4                       |

† Not applicable.

<sup>1</sup>For those enrolled in one institution.

<sup>2</sup>Refers to NPSAS institution only.

<sup>3</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as "primary role," which includes only working students.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 2.2—Percentage distribution of undergraduates according to control of institution: 1995–96**

|                                    | Control of institution |                         |                     | More than one institution |
|------------------------------------|------------------------|-------------------------|---------------------|---------------------------|
|                                    | Public                 | Private, not-for-profit | Private, for-profit |                           |
| Total                              | 74.7                   | 15.5                    | 5.3                 | 4.5                       |
| Level of institution <sup>1</sup>  |                        |                         |                     |                           |
| Less-than-2-year                   | 29.1                   | 5.3                     | 65.6                | †                         |
| 2-year                             | 93.4                   | 2.3                     | 4.3                 | †                         |
| 4-year                             | 67.2                   | 31.5                    | 1.3                 | †                         |
| Class level <sup>2</sup>           |                        |                         |                     |                           |
| First-year beginning               | 71.3                   | 16.0                    | 9.5                 | 3.2                       |
| Other first year                   | 78.1                   | 9.4                     | 7.3                 | 5.2                       |
| Second year                        | 78.4                   | 13.2                    | 2.7                 | 5.7                       |
| Third year                         | 67.8                   | 26.8                    | 1.0                 | 4.4                       |
| Fourth or fifth year               | 68.9                   | 27.9                    | 0.5                 | 2.7                       |
| Unclassified                       | 75.6                   | 8.3                     | 12.3                | 3.9                       |
| Attendance intensity <sup>2</sup>  |                        |                         |                     |                           |
| Exclusively full-time              | 65.8                   | 22.4                    | 9.1                 | 2.7                       |
| Mixed full-time and part-time      | 76.0                   | 11.7                    | 1.8                 | 10.6                      |
| Exclusively part-time              | 87.0                   | 8.9                     | 2.6                 | 1.6                       |
| Attendance status <sup>2</sup>     |                        |                         |                     |                           |
| Full-time, full-year               | 65.0                   | 23.8                    | 5.0                 | 6.3                       |
| Full-time, part-year               | 67.4                   | 13.5                    | 16.9                | 2.2                       |
| Part-time, full-year               | 81.8                   | 10.0                    | 2.2                 | 5.9                       |
| Part-time, part-year               | 87.1                   | 8.6                     | 2.5                 | 1.9                       |
| Undergraduate program <sup>2</sup> |                        |                         |                     |                           |
| Certificate                        | 59.0                   | 9.3                     | 27.8                | 3.9                       |
| Associate's degree                 | 87.7                   | 3.2                     | 3.5                 | 5.6                       |
| Bachelor's degree                  | 65.4                   | 30.1                    | 0.9                 | 3.5                       |
| Nondegree program                  | 81.2                   | 11.4                    | 1.2                 | 6.2                       |
| Gender                             |                        |                         |                     |                           |
| Male                               | 76.0                   | 15.5                    | 4.6                 | 4.0                       |
| Female                             | 73.7                   | 15.4                    | 5.9                 | 5.0                       |
| Race–ethnicity                     |                        |                         |                     |                           |
| White, non-Hispanic                | 76.2                   | 15.4                    | 4.2                 | 4.2                       |
| Black, non-Hispanic                | 70.9                   | 15.5                    | 8.5                 | 5.1                       |
| Hispanic                           | 70.4                   | 14.3                    | 9.5                 | 5.8                       |
| Asian/Pacific Islander             | 72.0                   | 18.6                    | 4.4                 | 5.0                       |
| American Indian/Alaskan Native     | 81.7                   | 11.0                    | 4.0                 | 3.3                       |

**Table 2.2—Percentage distribution of undergraduates according to control of institution: 1995–96**  
—Continued

|  | Control of institution |                         |                     | More than one institution |
|--|------------------------|-------------------------|---------------------|---------------------------|
|  | Public                 | Private, not-for-profit | Private, for-profit |                           |
| <b>Dependency status</b>                   |                        |                         |                     |                           |
| Dependent                                  | 72.4                   | 19.5                    | 3.1                 | 5.0                       |
| Independent                                | 76.9                   | 11.6                    | 7.4                 | 4.1                       |
| No dependents, unmarried                   | 77.7                   | 12.5                    | 5.9                 | 3.9                       |
| No dependents, married                     | 80.9                   | 11.4                    | 4.7                 | 3.0                       |
| With dependents                            | 74.9                   | 11.0                    | 9.5                 | 4.6                       |
| <b>Age as of 12/31/95</b>                  |                        |                         |                     |                           |
| 18 years or younger                        | 71.8                   | 20.1                    | 4.3                 | 3.8                       |
| 19–23 years                                | 72.0                   | 18.3                    | 4.3                 | 5.4                       |
| 24–29 years                                | 78.9                   | 10.8                    | 6.3                 | 3.9                       |
| 30–39 years                                | 75.3                   | 12.9                    | 7.5                 | 4.4                       |
| 40 years or older                          | 80.2                   | 11.4                    | 5.5                 | 2.9                       |
| <b>Dependency and income level in 1994</b> |                        |                         |                     |                           |
| <b>Dependent</b>                           |                        |                         |                     |                           |
| Less than \$20,000                         | 69.8                   | 18.5                    | 5.7                 | 6.0                       |
| \$20,000–\$39,999                          | 74.2                   | 17.2                    | 3.4                 | 5.2                       |
| \$40,000–\$59,999                          | 75.7                   | 17.3                    | 2.5                 | 4.5                       |
| \$60,000–\$79,999                          | 73.2                   | 20.0                    | 2.1                 | 4.8                       |
| \$80,000–\$99,999                          | 70.0                   | 22.9                    | 2.5                 | 4.6                       |
| \$100,000 or more                          | 66.9                   | 27.2                    | 1.6                 | 4.4                       |
| <b>Independent</b>                         |                        |                         |                     |                           |
| Less than \$10,000                         | 71.5                   | 11.0                    | 11.2                | 6.3                       |
| \$10,000–19,999                            | 78.4                   | 10.3                    | 8.0                 | 3.4                       |
| \$20,000–29,999                            | 80.5                   | 10.7                    | 5.8                 | 3.0                       |
| \$30,000–49,999                            | 79.1                   | 12.7                    | 4.7                 | 3.6                       |
| \$50,000 or more                           | 79.1                   | 14.5                    | 3.8                 | 2.6                       |
| <b>Marital status</b>                      |                        |                         |                     |                           |
| Not married                                | 74.1                   | 16.4                    | 4.8                 | 4.7                       |
| Married                                    | 77.2                   | 12.5                    | 6.5                 | 3.8                       |
| Separated                                  | 71.5                   | 9.3                     | 14.7                | 4.5                       |
| <b>Single parent</b>                       |                        |                         |                     |                           |
| No   | 74.5                   | 16.3                    | 4.7                 | 4.5                       |
| Yes  | 76.0                   | 8.8                     | 10.4                | 4.8                       |
| <b>Number of dependents</b>                |                        |                         |                     |                           |
| None                                       | 74.6                   | 16.9                    | 4.0                 | 4.5                       |
| One or more                                | 74.9                   | 11.0                    | 9.5                 | 4.6                       |

**Table 2.2—Percentage distribution of undergraduates according to control of institution: 1995–96**  
—Continued

|   | Control of institution |                         |                     | More than one institution |
|---|------------------------|-------------------------|---------------------|---------------------------|
|   | Public                 | Private, not-for-profit | Private, for-profit |                           |
| Parents' education <sup>3</sup>                     |                        |                         |                     |                           |
| Less than high school diploma                       | 75.3                   | 10.3                    | 8.1                 | 6.3                       |
| High school diploma or equivalent                   | 72.9                   | 14.7                    | 6.8                 | 5.5                       |
| Some postsecondary education                        | 79.0                   | 11.2                    | 4.5                 | 5.4                       |
| Bachelor's degree or higher                         | 72.1                   | 18.8                    | 2.7                 | 6.4                       |
| Disability status <sup>3</sup>                      |                        |                         |                     |                           |
| No  | 74.1                   | 15.3                    | 5.1                 | 5.5                       |
| Yes   | 70.8                   | 15.5                    | 6.9                 | 6.8                       |
| Primary role if working while enrolled <sup>3</sup> |                        |                         |                     |                           |
| Student working to meet expenses                    | 72.6                   | 16.7                    | 3.6                 | 7.1                       |
| Employee enrolled in school                         | 79.8                   | 11.4                    | 4.9                 | 3.9                       |
| Average hours worked while enrolled                 |                        |                         |                     |                           |
| Did not work  | 69.1                   | 16.4                    | 9.1                 | 5.5                       |
| 1–15 hours  | 62.9                   | 28.0                    | 2.2                 | 6.9                       |
| 16–20 hours   | 74.6                   | 14.6                    | 4.5                 | 6.4                       |
| 21–34 hours   | 77.7                   | 10.9                    | 4.9                 | 6.5                       |
| 35 hours or more                                    | 78.8                   | 12.4                    | 4.5                 | 4.4                       |

†Not applicable.

<sup>1</sup>For those enrolled in one institution.

<sup>2</sup>Refers to NPSAS institution only for those enrolled in more than one institution.

<sup>3</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as "primary role," which includes only working students.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 2.3—Percentage distribution of undergraduates according to type of institution: 1995–96**

|                                    | Public           |        |                               |                           | Private, not-for-profit |                               |                           |                     | More than one institution |
|------------------------------------|------------------|--------|-------------------------------|---------------------------|-------------------------|-------------------------------|---------------------------|---------------------|---------------------------|
|                                    | Less-than-2-year | 2-year | 4-year non-doctorate-granting | 4-year doctorate-granting | Less-than-4-year        | 4-year non-doctorate-granting | 4-year doctorate-granting | Private, for-profit |                           |
| Total                              | 1.2              | 43.2   | 12.3                          | 18.0                      | 1.3                     | 9.5                           | 4.6                       | 5.3                 | 4.5                       |
| Class level <sup>1</sup>           |                  |        |                               |                           |                         |                               |                           |                     |                           |
| First-year beginning               | 1.4              | 43.0   | 10.7                          | 16.1                      | 1.3                     | 10.0                          | 4.7                       | 9.5                 | 3.2                       |
| Other first year                   | 1.5              | 64.1   | 6.2                           | 6.4                       | 2.1                     | 5.3                           | 2.0                       | 7.3                 | 5.2                       |
| Second year                        | 0.1              | 53.4   | 10.0                          | 14.9                      | 0.9                     | 8.5                           | 3.8                       | 2.7                 | 5.7                       |
| Third year                         | †                | 3.7    | 26.1                          | 38.0                      | 0.3                     | 17.3                          | 9.2                       | 1.0                 | 4.4                       |
| Fourth or fifth year               | †                | 0.5    | 24.9                          | 43.6                      | 0.1                     | 18.1                          | 9.7                       | 0.5                 | 2.7                       |
| Unclassified                       | 10.4             | 50.4   | 6.8                           | 8.0                       | 2.3                     | 2.9                           | 3.0                       | 12.3                | 3.9                       |
| Attendance intensity               |                  |        |                               |                           |                         |                               |                           |                     |                           |
| Exclusively full-time              | 1.8              | 24.9   | 15.0                          | 24.2                      | 1.9                     | 13.5                          | 7.0                       | 9.1                 | 2.7                       |
| Mixed full-time and part-time      | 0.8              | 40.8   | 12.3                          | 22.1                      | 0.5                     | 7.6                           | 3.6                       | 1.8                 | 10.6                      |
| Exclusively part-time              | 0.7              | 68.4   | 9.3                           | 8.6                       | 0.9                     | 5.7                           | 2.3                       | 2.6                 | 1.6                       |
| Attendance status                  |                  |        |                               |                           |                         |                               |                           |                     |                           |
| Full-time, full-year               | 1.3              | 19.0   | 16.4                          | 28.2                      | 1.3                     | 14.6                          | 7.8                       | 5.0                 | 6.3                       |
| Full-time, part-year               | 2.5              | 40.6   | 10.3                          | 14.1                      | 2.7                     | 7.3                           | 3.5                       | 16.9                | 2.2                       |
| Part-time, full-year               | 0.5              | 57.9   | 10.5                          | 13.0                      | 0.8                     | 6.5                           | 2.7                       | 2.2                 | 5.9                       |
| Part-time, part-year               | 0.7              | 68.8   | 8.9                           | 8.6                       | 0.7                     | 5.7                           | 2.2                       | 2.5                 | 1.9                       |
| Undergraduate program <sup>1</sup> |                  |        |                               |                           |                         |                               |                           |                     |                           |
| Certificate                        | 9.9              | 43.3   | 2.6                           | 3.2                       | 4.4                     | 3.1                           | 1.8                       | 27.8                | 3.9                       |
| Associate's degree                 | †                | 84.8   | 2.2                           | 0.7                       | 1.7                     | 1.2                           | 0.3                       | 3.5                 | 5.6                       |
| Bachelor's degree                  | †                | †      | 25.5                          | 39.9                      | †                       | 20.2                          | 10.0                      | 0.9                 | 3.5                       |
| Nondegree program                  | 0.1              | 50.9   | 11.6                          | 18.6                      | 0.5                     | 6.6                           | 4.3                       | 1.2                 | 6.2                       |
| Gender                             |                  |        |                               |                           |                         |                               |                           |                     |                           |
| Male                               | 1.3              | 42.4   | 11.9                          | 20.3                      | 1.4                     | 9.0                           | 5.1                       | 4.6                 | 4.0                       |
| Female                             | 1.2              | 43.8   | 12.6                          | 16.3                      | 1.2                     | 9.9                           | 4.3                       | 5.9                 | 5.0                       |
| Race-ethnicity                     |                  |        |                               |                           |                         |                               |                           |                     |                           |
| White, non-Hispanic                | 1.0              | 42.8   | 13.4                          | 19.1                      | 1.2                     | 9.5                           | 4.7                       | 4.2                 | 4.2                       |
| Black, non-Hispanic                | 2.4              | 45.4   | 9.7                           | 13.3                      | 1.3                     | 10.9                          | 3.3                       | 8.5                 | 5.1                       |
| Hispanic                           | 1.9              | 47.6   | 8.8                           | 12.1                      | 1.3                     | 9.8                           | 3.3                       | 9.5                 | 5.8                       |
| Asian/Pacific Islander             | 0.9              | 35.7   | 9.6                           | 25.9                      | 1.6                     | 7.7                           | 9.4                       | 4.4                 | 5.0                       |
| American Indian/Alaskan Native     | 0.9              | 53.2   | 11.7                          | 16.0                      | 4.8                     | 4.5                           | 1.8                       | 4.0                 | 3.3                       |

**Table 2.3—Percentage distribution of undergraduates according to type of institution: 1995–96—Continued**

|  | Public           |        |                               |                           | Private, not-for-profit |                               |                           |                     | More than one institution |
|--|------------------|--------|-------------------------------|---------------------------|-------------------------|-------------------------------|---------------------------|---------------------|---------------------------|
|  | Less-than-2-year | 2-year | 4-year non-doctorate-granting | 4-year doctorate-granting | Less-than-4-year        | 4-year non-doctorate-granting | 4-year doctorate-granting | Private, for-profit |                           |
| <b>Dependency status</b>                   |                  |        |                               |                           |                         |                               |                           |                     |                           |
| Dependent                                  | 0.6              | 33.0   | 13.6                          | 25.2                      | 0.9                     | 11.9                          | 6.8                       | 3.1                 | 5.0                       |
| Independent                                | 1.8              | 53.0   | 11.0                          | 11.1                      | 1.7                     | 7.3                           | 2.6                       | 7.4                 | 4.1                       |
| No dependents, unmarried                   | 1.3              | 47.9   | 13.1                          | 15.4                      | 1.7                     | 7.4                           | 3.4                       | 5.9                 | 3.9                       |
| No dependents, married                     | 1.8              | 56.5   | 12.5                          | 10.1                      | 1.4                     | 7.1                           | 2.8                       | 4.7                 | 3.0                       |
| With dependents                            | 2.2              | 55.5   | 9.0                           | 8.3                       | 1.8                     | 7.3                           | 1.9                       | 9.5                 | 4.6                       |
| <b>Age as of 12/31/95</b>                  |                  |        |                               |                           |                         |                               |                           |                     |                           |
| 18 years or younger                        | 0.6              | 37.6   | 12.0                          | 21.6                      | 0.8                     | 12.3                          | 7.0                       | 4.3                 | 3.8                       |
| 19–23 years                                | 0.7              | 33.2   | 13.7                          | 24.4                      | 1.0                     | 11.2                          | 6.2                       | 4.3                 | 5.4                       |
| 24–29 years                                | 1.3              | 49.9   | 13.0                          | 14.7                      | 1.6                     | 6.4                           | 2.9                       | 6.3                 | 3.9                       |
| 30–39 years                                | 2.4              | 53.7   | 9.6                           | 9.6                       | 1.9                     | 8.4                           | 2.6                       | 7.5                 | 4.4                       |
| 40 years or older                          | 2.1              | 61.8   | 9.4                           | 6.9                       | 1.7                     | 7.6                           | 2.2                       | 5.5                 | 2.9                       |
| <b>Dependency and income level in 1994</b> |                  |        |                               |                           |                         |                               |                           |                     |                           |
| <b>Dependent</b>                           |                  |        |                               |                           |                         |                               |                           |                     |                           |
| Less than \$20,000                         | 1.1              | 33.5   | 13.5                          | 21.8                      | 1.2                     | 12.5                          | 4.8                       | 5.7                 | 6.0                       |
| \$20,000–39,999                            | 0.7              | 36.9   | 14.2                          | 22.4                      | 0.9                     | 11.3                          | 5.0                       | 3.4                 | 5.2                       |
| \$40,000–59,999                            | 0.7              | 35.7   | 14.6                          | 24.7                      | 0.8                     | 11.3                          | 5.3                       | 2.5                 | 4.5                       |
| \$60,000–79,999                            | 0.3              | 32.2   | 14.0                          | 26.8                      | 0.8                     | 11.4                          | 7.7                       | 2.1                 | 4.8                       |
| \$80,000–99,999                            | 0.3              | 29.4   | 12.2                          | 28.2                      | 0.5                     | 12.6                          | 9.8                       | 2.5                 | 4.6                       |
| \$100,000 or more                          | 0.1              | 22.4   | 11.1                          | 33.3                      | 0.5                     | 13.5                          | 13.2                      | 1.6                 | 4.4                       |
| <b>Independent</b>                         |                  |        |                               |                           |                         |                               |                           |                     |                           |
| Less than \$10,000                         | 1.8              | 43.9   | 12.0                          | 13.7                      | 2.0                     | 6.6                           | 2.5                       | 11.2                | 6.3                       |
| \$10,000–19,999                            | 2.0              | 55.3   | 9.6                           | 11.5                      | 1.8                     | 6.2                           | 2.3                       | 8.0                 | 3.4                       |
| \$20,000–29,999                            | 1.7              | 59.2   | 10.5                          | 9.0                       | 1.5                     | 6.6                           | 2.7                       | 5.8                 | 3.0                       |
| \$30,000–49,999                            | 1.8              | 57.4   | 11.4                          | 8.4                       | 1.5                     | 8.7                           | 2.5                       | 4.7                 | 3.6                       |
| \$50,000 or more                           | 1.5              | 55.6   | 11.3                          | 10.7                      | 1.5                     | 9.6                           | 3.4                       | 3.8                 | 2.6                       |
| <b>Marital status</b>                      |                  |        |                               |                           |                         |                               |                           |                     |                           |
| Not married                                | 1.0              | 39.8   | 12.8                          | 20.6                      | 1.1                     | 10.0                          | 5.3                       | 4.8                 | 4.7                       |
| Married                                    | 2.0              | 54.5   | 11.1                          | 9.6                       | 1.8                     | 8.1                           | 2.6                       | 6.5                 | 3.8                       |
| Separated                                  | 2.2              | 56.7   | 6.2                           | 6.4                       | 1.4                     | 6.5                           | 1.4                       | 14.7                | 4.5                       |
| <b>Single parent</b>                       |                  |        |                               |                           |                         |                               |                           |                     |                           |
| No   | 1.1              | 41.4   | 12.8                          | 19.3                      | 1.3                     | 10.0                          | 5.0                       | 4.7                 | 4.5                       |
| Yes  | 2.3              | 58.1   | 8.1                           | 7.5                       | 1.6                     | 5.7                           | 1.5                       | 10.4                | 4.8                       |
| <b>Number of dependents</b>                |                  |        |                               |                           |                         |                               |                           |                     |                           |
| None                                       | 0.9              | 39.2   | 13.4                          | 21.2                      | 1.1                     | 10.3                          | 5.5                       | 4.0                 | 4.5                       |
| One or more                                | 2.2              | 55.5   | 9.0                           | 8.3                       | 1.8                     | 7.3                           | 1.9                       | 9.5                 | 4.6                       |

**Table 2.3—Percentage distribution of undergraduates according to type of institution: 1995–96—Continued**

|   | Public                   |        |  |                                  | Private, not-for-profit  |  |                                  | Private,<br>for-<br>profit | More<br>than<br>one<br>institution |
|---|--------------------------|--------|--|----------------------------------|--------------------------|--|----------------------------------|----------------------------|------------------------------------|
|   | Less-<br>than-<br>2-year | 2-year | 4-year<br>non-<br>doctorate-<br>granting | 4-year<br>doctorate-<br>granting | Less-<br>than-<br>4-year | 4-year<br>non-<br>doctorate-<br>granting | 4-year<br>doctorate-<br>granting |                            |                                    |
| Parents' education <sup>2</sup>                     |                          |        |  |                                  |                          |  |                                  |                            |                                    |
| Less than high school diploma                       | 2.1                      | 56.8   | 8.8                                      | 7.6                              | 1.8                      | 6.8                                      | 1.8                              | 8.1                        | 6.3                                |
| High school diploma or equivalent                   | 1.5                      | 46.2   | 12.2                                     | 13.1                             | 1.6                      | 10.1                                     | 3.0                              | 6.8                        | 5.5                                |
| Some postsecondary education                        | 1.3                      | 47.6   | 13.6                                     | 16.5                             | 1.0                      | 7.4                                      | 2.8                              | 4.5                        | 5.4                                |
| Bachelor's degree or higher                         | 0.6                      | 32.1   | 13.3                                     | 26.1                             | 0.9                      | 9.9                                      | 8.0                              | 2.7                        | 6.4                                |
| Disability status <sup>2</sup>                      |                          |        |  |                                  |                          |  |                                  |                            |                                    |
| No  | 1.2                      | 42.5   | 12.3                                     | 18.1                             | 1.2                      | 9.3                                      | 4.8                              | 5.1                        | 5.5                                |
| Yes   | 1.6                      | 45.5   | 12.4                                     | 11.4                             | 1.8                      | 10.0                                     | 3.7                              | 6.9                        | 6.8                                |
| Primary role if working while enrolled <sup>2</sup> |                          |        |  |                                  |                          |  |                                  |                            |                                    |
| Student working to meet expenses                    | 0.8                      | 35.7   | 14.3                                     | 21.8                             | 1.0                      | 10.2                                     | 5.5                              | 3.6                        | 7.1                                |
| Employee enrolled in school                         | 1.5                      | 61.4   | 8.6                                      | 8.3                              | 1.4                      | 7.4                                      | 2.6                              | 4.9                        | 3.9                                |
| Average hours worked while enrolled                 |                          |        |  |                                  |                          |  |                                  |                            |                                    |
| Did not work  | 1.8                      | 32.8   | 12.7                                     | 21.7                             | 1.7                      | 9.1                                      | 5.6                              | 9.1                        | 5.5                                |
| 1–15 hours  | 0.5                      | 21.5   | 14.0                                     | 26.9                             | 1.0                      | 16.9                                     | 10.1                             | 2.2                        | 6.9                                |
| 16–20 hours   | 1.1                      | 34.6   | 15.1                                     | 23.9                             | 1.1                      | 8.7                                      | 4.8                              | 4.5                        | 6.4                                |
| 21–34 hours   | 1.4                      | 42.5   | 14.8                                     | 18.9                             | 1.1                      | 6.8                                      | 3.0                              | 4.9                        | 6.5                                |
| 35 hours or more                                    | 1.0                      | 59.1   | 9.2                                      | 9.6                              | 1.3                      | 8.1                                      | 3.0                              | 4.5                        | 4.4                                |

† Not applicable.

<sup>1</sup>Refers to NPSAS institution for those enrolled in more than one institution.

<sup>2</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as "primary role," which includes only working students.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 2.4—Percentage distribution of undergraduates according to class level: 1995–96**

|  | Class level          |                  |             |            |                      |               |
|--|----------------------|------------------|-------------|------------|----------------------|---------------|
|  | First-year beginning | Other first year | Second year | Third year | Fourth or fifth year | Un-classified |
| Total                                  | 15.8                 | 34.4             | 21.9        | 10.9       | 12.6                 | 4.5           |
| Level of institution                   |                      |                  |             |            |                      |               |
| Less-than-2-year                       | 30.1                 | 47.9             | 2.0         | †          | †                    | 20.0          |
| 2-year                                 | 16.0                 | 50.9             | 26.6        | 1.0        | 0.2                  | 5.5           |
| 4-year                                 | 14.7                 | 15.6             | 18.3        | 22.2       | 27.0                 | 2.1           |
| More than one institution <sup>1</sup> | 11.1                 | 39.7             | 27.4        | 10.7       | 7.4                  | 3.8           |
| Control of institution <sup>2</sup>    |                      |                  |             |            |                      |               |
| Public                                 | 15.0                 | 35.9             | 23.0        | 9.9        | 11.6                 | 4.5           |
| Private, not-for-profit                | 16.4                 | 20.9             | 18.7        | 18.9       | 22.7                 | 2.4           |
| Private, for-profit                    | 28.2                 | 47.0             | 11.1        | 2.1        | 1.2                  | 10.4          |
| Institution type <sup>2</sup>          |                      |                  |             |            |                      |               |
| Public                                 |                      |                  |             |            |                      |               |
| Less-than-2-year                       | 18.4                 | 41.6             | 1.6         | †          | †                    | 38.5          |
| 2-year                                 | 15.7                 | 51.0             | 27.0        | 0.9        | 0.1                  | 5.2           |
| 4-year nondoctorate-granting           | 13.8                 | 17.2             | 17.8        | 23.2       | 25.5                 | 2.5           |
| 4-year doctorate-granting              | 14.1                 | 12.2             | 18.1        | 23.1       | 30.4                 | 2.0           |
| Private, not-for-profit                |                      |                  |             |            |                      |               |
| Less-than-4-year                       | 15.6                 | 56.9             | 15.8        | 2.3        | 1.2                  | 8.2           |
| 4-year nondoctorate-granting           | 16.6                 | 18.9             | 19.5        | 19.8       | 23.9                 | 1.4           |
| 4-year doctorate-granting              | 16.1                 | 15.0             | 18.0        | 21.8       | 26.2                 | 3.0           |
| Private, for-profit                    | 28.2                 | 47.0             | 11.1        | 2.1        | 1.2                  | 10.4          |
| Attendance intensity                   |                      |                  |             |            |                      |               |
| Exclusively full-time                  | 23.0                 | 25.7             | 19.8        | 14.2       | 13.8                 | 3.5           |
| Mixed full-time and part-time          | 11.9                 | 27.8             | 26.5        | 12.6       | 18.9                 | 2.3           |
| Exclusively part-time                  | 8.6                  | 48.5             | 22.0        | 6.0        | 8.1                  | 7.0           |
| Attendance status                      |                      |                  |             |            |                      |               |
| Full-time, full-year                   | 22.2                 | 19.8             | 22.0        | 17.4       | 16.3                 | 2.3           |
| Full-time, part-year                   | 19.4                 | 40.6             | 15.9        | 7.3        | 10.3                 | 6.4           |
| Part-time, full-year                   | 9.4                  | 38.2             | 26.3        | 8.8        | 12.8                 | 4.5           |
| Part-time, part-year                   | 9.8                  | 50.0             | 20.7        | 4.7        | 7.8                  | 7.1           |
| Undergraduate program                  |                      |                  |             |            |                      |               |
| Certificate                            | 21.2                 | 44.4             | 10.7        | 2.3        | 2.6                  | 18.9          |
| Associate's degree                     | 15.2                 | 50.4             | 29.2        | 1.6        | 0.0                  | 3.6           |
| Bachelor's degree                      | 14.8                 | 12.5             | 18.7        | 23.7       | 29.3                 | 1.0           |
| Nondegree program                      | 14.2                 | 65.0             | 8.9         | 3.8        | 1.5                  | 6.7           |

**Table 2.4—Percentage distribution of undergraduates according to class level: 1995–96—Continued**

|  | Class level             |                        |                |               |                            |                   |
|--|-------------------------|------------------------|----------------|---------------|----------------------------|-------------------|
|  | First-year<br>beginning | Other<br>first<br>year | Second<br>year | Third<br>year | Fourth<br>or fifth<br>year | Un-<br>classified |
| <b>Gender</b>                              |                         |                        |                |               |                            |                   |
| Male                                       | 16.6                    | 34.7                   | 19.9           | 11.5          | 13.0                       | 4.3               |
| Female                                     | 15.1                    | 34.1                   | 23.4           | 10.5          | 12.2                       | 4.7               |
| <b>Race–ethnicity</b>                      |                         |                        |                |               |                            |                   |
| White, non-Hispanic                        | 15.7                    | 33.3                   | 21.9           | 11.6          | 13.5                       | 4.0               |
| Black, non-Hispanic                        | 16.3                    | 39.3                   | 21.0           | 8.3           | 8.5                        | 6.5               |
| Hispanic                                   | 17.3                    | 36.7                   | 23.6           | 8.1           | 9.4                        | 4.9               |
| Asian/Pacific Islander                     | 13.4                    | 31.7                   | 20.6           | 13.8          | 15.4                       | 5.1               |
| American Indian/Alaskan Native             | 13.2                    | 45.9                   | 18.8           | 8.7           | 8.9                        | 4.5               |
| <b>Dependency status</b>                   |                         |                        |                |               |                            |                   |
| Dependent                                  | 23.8                    | 27.0                   | 21.1           | 13.7          | 12.5                       | 2.0               |
| Independent                                | 8.0                     | 41.5                   | 22.6           | 8.3           | 12.7                       | 6.9               |
| No dependents, unmarried                   | 5.3                     | 39.0                   | 22.0           | 9.7           | 17.4                       | 6.6               |
| No dependents, married                     | 6.8                     | 41.1                   | 22.5           | 8.6           | 13.7                       | 7.3               |
| With dependents                            | 10.4                    | 43.5                   | 23.2           | 7.2           | 8.9                        | 6.9               |
| <b>Age as of 12/31/95</b>                  |                         |                        |                |               |                            |                   |
| 18 years or younger                        | 77.0                    | 21.9                   | 0.8            | 0.2           | 0.0                        | 0.1               |
| 19–23 years                                | 12.3                    | 29.5                   | 24.8           | 16.0          | 14.8                       | 2.6               |
| 24–29 years                                | 6.1                     | 38.0                   | 23.4           | 9.3           | 17.4                       | 5.8               |
| 30–39 years                                | 6.7                     | 42.0                   | 24.6           | 8.2           | 10.9                       | 7.7               |
| 40 years or older                          | 5.9                     | 47.6                   | 22.0           | 6.6           | 9.0                        | 9.1               |
| <b>Dependency and income level in 1994</b> |                         |                        |                |               |                            |                   |
| <b>Dependent</b>                           |                         |                        |                |               |                            |                   |
| Less than \$20,000                         | 24.9                    | 30.6                   | 20.7           | 11.3          | 10.4                       | 2.1               |
| \$20,000–39,999                            | 25.7                    | 24.9                   | 23.6           | 13.0          | 10.8                       | 2.1               |
| \$40,000–59,999                            | 24.8                    | 28.3                   | 19.1           | 13.8          | 11.9                       | 2.1               |
| \$60,000–79,999                            | 20.8                    | 27.6                   | 21.4           | 14.4          | 13.9                       | 2.0               |
| \$80,000–99,999                            | 21.0                    | 24.9                   | 23.6           | 15.0          | 13.7                       | 1.9               |
| \$100,000 or more                          | 22.8                    | 22.9                   | 18.1           | 16.8          | 17.9                       | 1.5               |
| <b>Independent</b>                         |                         |                        |                |               |                            |                   |
| Less than \$10,000                         | 10.9                    | 36.4                   | 23.3           | 9.3           | 15.1                       | 5.1               |
| \$10,000–19,999                            | 9.0                     | 44.1                   | 21.2           | 7.3           | 11.5                       | 6.8               |
| \$20,000–29,999                            | 7.2                     | 43.7                   | 23.8           | 7.3           | 10.6                       | 7.4               |
| \$30,000–49,999                            | 5.3                     | 41.9                   | 24.2           | 9.0           | 11.1                       | 8.5               |
| \$50,000 or more                           | 4.7                     | 44.9                   | 20.4           | 8.3           | 13.7                       | 8.1               |
| <b>Marital status</b>                      |                         |                        |                |               |                            |                   |
| Not married                                | 18.0                    | 32.1                   | 21.7           | 11.7          | 12.9                       | 3.7               |
| Married                                    | 7.9                     | 41.6                   | 22.2           | 8.7           | 12.2                       | 7.5               |
| Separated                                  | 11.8                    | 45.5                   | 25.0           | 6.2           | 6.1                        | 5.4               |

**Table 2.4—Percentage distribution of undergraduates according to class level: 1995–96—Continued**

|   | Class level             |                        |                |               |                            |                   |
|---|-------------------------|------------------------|----------------|---------------|----------------------------|-------------------|
|   | First-year<br>beginning | Other<br>first<br>year | Second<br>year | Third<br>year | Fourth<br>or fifth<br>year | Un-<br>classified |
| Single parent                                       |                         |                        |                |               |                            |                   |
| No  | 16.2                    | 33.1                   | 21.7           | 11.6          | 13.3                       | 4.3               |
| Yes   | 12.1                    | 45.0                   | 23.7           | 5.7           | 7.1                        | 6.5               |
| Number of dependents                                |                         |                        |                |               |                            |                   |
| None  | 17.5                    | 31.4                   | 21.5           | 12.2          | 13.8                       | 3.7               |
| One or more   | 10.4                    | 43.5                   | 23.2           | 7.2           | 8.9                        | 6.9               |
| Parents' education <sup>3</sup>                     |                         |                        |                |               |                            |                   |
| Less than high school diploma                       | 19.2                    | 36.2                   | 20.4           | 6.7           | 8.1                        | 9.5               |
| High school diploma or equivalent                   | 23.1                    | 29.4                   | 22.2           | 10.1          | 11.0                       | 4.2               |
| Some postsecondary education                        | 22.1                    | 28.4                   | 24.2           | 11.0          | 10.0                       | 4.3               |
| Bachelor's degree or higher                         | 20.5                    | 23.0                   | 19.6           | 14.0          | 18.4                       | 4.4               |
| Disability status <sup>3</sup>                      |                         |                        |                |               |                            |                   |
| No  | 21.6                    | 27.7                   | 21.4           | 11.3          | 13.2                       | 4.9               |
| Yes   | 23.2                    | 33.6                   | 17.8           | 10.3          | 10.3                       | 4.9               |
| Primary role if working while enrolled <sup>3</sup> |                         |                        |                |               |                            |                   |
| Student working to meet expenses                    | 22.0                    | 21.9                   | 22.8           | 13.9          | 16.8                       | 2.7               |
| Employee enrolled in school                         | 15.3                    | 40.2                   | 19.9           | 7.1           | 8.1                        | 9.5               |
| Average hours worked while enrolled                 |                         |                        |                |               |                            |                   |
| Did not work  | 30.9                    | 23.9                   | 19.6           | 10.3          | 11.3                       | 4.1               |
| 1–15 hours  | 25.0                    | 17.8                   | 20.0           | 16.5          | 18.9                       | 2.0               |
| 16–20 hours   | 22.9                    | 19.5                   | 23.5           | 14.2          | 17.6                       | 2.4               |
| 21–34 hours   | 22.7                    | 26.9                   | 18.8           | 11.7          | 14.8                       | 5.1               |
| 35 hours or more                                    | 14.2                    | 37.8                   | 22.7           | 8.8           | 9.4                        | 7.2               |

‡Not applicable.

<sup>1</sup>Column classifications refer to NPSAS institution.

<sup>2</sup>Category for "more than one institution" is shown only under "level of institution." The distributions are identical.

<sup>3</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as "primary role," which includes only working students.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 2.5a—Percentage distribution of undergraduates according to attendance intensity: 1995–96**

|  | Exclusively<br>full-time | Mixed<br>full-time<br>and<br>part-time | Exclusively<br>part-time |
|--|--------------------------|--|--------------------------|
| Total                                  | 45.0                     | 18.8                                   | 36.2                     |
| Level of institution                   |                          |  |                          |
| Less-than-2-year                       | 80.1                     | 4.2                                    | 15.7                     |
| 2-year                                 | 28.3                     | 17.1                                   | 54.5                     |
| 4-year                                 | 59.9                     | 19.1                                   | 21.0                     |
| More than one institution <sup>1</sup> | 32.3                     | 52.7                                   | 15.0                     |
| Control of institution <sup>2</sup>    |                          |  |                          |
| Public                                 | 39.2                     | 19.0                                   | 41.8                     |
| Private, not-for-profit                | 65.0                     | 14.2                                   | 20.8                     |
| Private, for-profit                    | 76.3                     | 6.4                                    | 17.3                     |
| Institution type <sup>2</sup>          |                          |  |                          |
| Public                                 |                          |  |                          |
| Less-than-2-year                       | 66.8                     | 11.9                                   | 21.3                     |
| 2-year                                 | 25.6                     | 17.6                                   | 56.8                     |
| 4-year nondoctorate-granting           | 54.3                     | 18.7                                   | 27.1                     |
| 4-year doctorate-granting              | 59.9                     | 22.9                                   | 17.2                     |
| Private, not-for-profit                |                          |  |                          |
| Less-than-4-year                       | 68.4                     | 6.9                                    | 24.7                     |
| 4-year nondoctorate-granting           | 63.3                     | 15.0                                   | 21.7                     |
| 4-year doctorate-granting              | 67.5                     | 14.4                                   | 18.1                     |
| Private, for-profit                    | 76.3                     | 6.4                                    | 17.3                     |
| Class level                            |                          |  |                          |
| First-year beginning                   | 65.9                     | 14.3                                   | 19.8                     |
| Other first year                       | 33.6                     | 15.2                                   | 51.1                     |
| Second year                            | 40.7                     | 22.9                                   | 36.5                     |
| Third year                             | 58.5                     | 21.8                                   | 19.7                     |
| Fourth or fifth year                   | 48.8                     | 28.1                                   | 23.1                     |
| Unclassified                           | 35.0                     | 9.4                                    | 55.5                     |
| Undergraduate program                  |                          |  |                          |
| Certificate                            | 51.5                     | 11.1                                   | 37.4                     |
| Associate's degree                     | 29.2                     | 19.7                                   | 51.1                     |
| Bachelor's degree                      | 61.7                     | 20.8                                   | 17.5                     |
| Nondegree program                      | 12.3                     | 12.4                                   | 75.3                     |
| Gender                                 |                          |  |                          |
| Male                                   | 47.3                     | 18.9                                   | 33.7                     |
| Female                                 | 43.1                     | 18.7                                   | 38.1                     |

**Table 2.5a—Percentage distribution of undergraduates according to attendance intensity: 1995–96**  
—Continued

|  | Exclusively<br>full-time | Mixed<br>full-time<br>and<br>part-time | Exclusively<br>part-time |
|--|--------------------------|--|--------------------------|
| <b>Race–ethnicity</b>                      |                          |  |                          |
| White, non-Hispanic                        | 44.7                     | 18.6                                   | 36.7                     |
| Black, non-Hispanic                        | 43.7                     | 19.1                                   | 37.2                     |
| Hispanic                                   | 44.5                     | 18.2                                   | 37.3                     |
| Asian/Pacific Islander                     | 49.1                     | 21.6                                   | 29.3                     |
| American Indian/Alaskan Native             | 43.6                     | 19.2                                   | 37.2                     |
| <b>Dependency status</b>                   |                          |  |                          |
| Dependent                                  | 61.4                     | 20.7                                   | 18.0                     |
| Independent                                | 29.0                     | 17.1                                   | 53.9                     |
| No dependents, unmarried                   | 30.3                     | 18.2                                   | 51.5                     |
| No dependents, married                     | 24.9                     | 16.7                                   | 58.4                     |
| With dependents                            | 29.5                     | 16.4                                   | 54.1                     |
| <b>Age as of 12/31/95</b>                  |                          |  |                          |
| 18 years or younger                        | 71.7                     | 15.0                                   | 13.4                     |
| 19–23 years                                | 58.8                     | 21.7                                   | 19.5                     |
| 24–29 years                                | 31.0                     | 20.4                                   | 48.6                     |
| 30–39 years                                | 24.7                     | 15.2                                   | 60.2                     |
| 40 years or older                          | 18.3                     | 13.3                                   | 68.4                     |
| <b>Dependency and income level in 1994</b> |                          |  |                          |
| <b>Dependent</b>                           |                          |  |                          |
| Less than \$20,000                         | 62.4                     | 17.7                                   | 19.9                     |
| \$20,000–39,999                            | 59.8                     | 21.9                                   | 18.4                     |
| \$40,000–59,999                            | 59.6                     | 20.5                                   | 19.9                     |
| \$60,000–79,999                            | 60.1                     | 22.5                                   | 17.5                     |
| \$80,000–99,999                            | 61.3                     | 21.3                                   | 17.4                     |
| \$100,000 or more                          | 68.9                     | 20.1                                   | 11.1                     |
| <b>Independent</b>                         |                          |  |                          |
| Less than \$10,000                         | 44.3                     | 20.5                                   | 35.2                     |
| \$10,000–19,999                            | 30.5                     | 17.9                                   | 51.6                     |
| \$20,000–29,999                            | 23.5                     | 17.8                                   | 58.7                     |
| \$30,000–49,999                            | 19.6                     | 13.3                                   | 67.2                     |
| \$50,000 or more                           | 14.1                     | 12.7                                   | 73.2                     |
| <b>Marital status</b>                      |                          |  |                          |
| Not married                                | 50.5                     | 19.4                                   | 30.1                     |
| Married                                    | 24.9                     | 16.7                                   | 58.4                     |
| Separated                                  | 41.2                     | 20.4                                   | 38.4                     |
| <b>Single parent</b>                       |                          |  |                          |
| No   | 46.4                     | 19.2                                   | 34.3                     |
| Yes  | 32.8                     | 15.6                                   | 51.7                     |

**Table 2.5a—Percentage distribution of undergraduates according to attendance intensity: 1995–96**  
**—Continued**

|  | Exclusively<br>full-time | Mixed<br>full-time<br>and<br>part-time | Exclusively<br>part-time |
|--|--------------------------|--|--------------------------|
| Number of dependents                   |                          |  |                          |
| None                                   | 49.9                     | 19.6                                   | 30.5                     |
| One or more                            | 29.5                     | 16.4                                   | 54.1                     |
| Parents' education                     |                          |  |                          |
| Less than high school diploma          | 33.0                     | 15.7                                   | 51.3                     |
| High school diploma or equivalent      | 42.6                     | 20.6                                   | 36.8                     |
| Some postsecondary education           | 45.7                     | 21.4                                   | 32.9                     |
| Bachelor's degree or higher            | 53.3                     | 21.5                                   | 25.2                     |
| Disability status <sup>3</sup>         |                          |  |                          |
| No                                     | 45.9                     | 20.3                                   | 33.8                     |
| Yes                                    | 48.5                     | 17.0                                   | 34.5                     |
| Primary role if working while enrolled |                          |  |                          |
| Student working to meet expenses       | 55.0                     | 25.1                                   | 19.9                     |
| Employee enrolled in school            | 19.2                     | 12.7                                   | 68.1                     |
| Average hours worked while enrolled    |                          |  |                          |
| Did not work                           | 63.2                     | 18.4                                   | 18.3                     |
| 1–15 hours                             | 66.0                     | 20.6                                   | 13.4                     |
| 16–20 hours                            | 56.3                     | 25.7                                   | 18.0                     |
| 21–34 hours                            | 50.4                     | 23.0                                   | 26.6                     |
| 35 hours or more                       | 23.2                     | 17.1                                   | 59.6                     |

<sup>1</sup>Column classifications refer to NPSAS institution.

<sup>2</sup>Category for "more than one institution" is shown only under "level of institution." The distributions are identical.

<sup>3</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 2.5b—Percentage distribution of undergraduates according to attendance pattern: 1995–96**

|  | Attendance status           |                             |                             |                             |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|  | Full-time,<br>full-<br>year | Full-time,<br>part-<br>year | Part-time,<br>full-<br>year | Part-time,<br>part-<br>year |
| Total                                  | 38.3                        | 13.1                        | 24.2                        | 24.4                        |
| Level of institution                   |                             |                             |                             |                             |
| Less-than-2-year                       | 37.3                        | 45.4                        | 7.9                         | 9.5                         |
| 2-year                                 | 18.1                        | 13.5                        | 31.1                        | 37.3                        |
| 4-year                                 | 57.8                        | 10.4                        | 17.8                        | 14.0                        |
| More than one institution <sup>1</sup> | 52.5                        | 6.2                         | 31.5                        | 10.0                        |
| Control of institution <sup>2</sup>    |                             |                             |                             |                             |
| Public                                 | 33.3                        | 11.8                        | 26.5                        | 28.5                        |
| Private, not-for-profit                | 59.2                        | 11.4                        | 15.8                        | 13.7                        |
| Private, for-profit                    | 36.3                        | 42.1                        | 10.2                        | 11.5                        |
| Institution type <sup>2</sup>          |                             |                             |                             |                             |
| Public                                 |                             |                             |                             |                             |
| Less-than-2-year                       | 45.1                        | 28.7                        | 10.9                        | 15.3                        |
| 2-year                                 | 16.8                        | 12.2                        | 32.3                        | 38.7                        |
| 4-year nondoctorate-granting           | 51.0                        | 10.9                        | 20.5                        | 17.7                        |
| 4-year doctorate-granting              | 60.4                        | 10.3                        | 17.5                        | 11.8                        |
| Private, not-for-profit                |                             |                             |                             |                             |
| Less-than-4-year                       | 41.6                        | 28.8                        | 15.9                        | 13.8                        |
| 4-year nondoctorate-granting           | 58.9                        | 10.0                        | 16.6                        | 14.5                        |
| 4-year doctorate-granting              | 64.4                        | 9.8                         | 14.0                        | 11.8                        |
| Private, for-profit                    | 36.3                        | 42.1                        | 10.2                        | 11.5                        |
| Class level                            |                             |                             |                             |                             |
| First-year beginning                   | 54.2                        | 16.2                        | 14.5                        | 15.2                        |
| Other first year                       | 22.1                        | 15.5                        | 26.9                        | 35.6                        |
| Second year                            | 38.4                        | 9.5                         | 29.0                        | 23.1                        |
| Third year                             | 61.2                        | 8.8                         | 19.6                        | 10.5                        |
| Fourth or fifth year                   | 49.6                        | 10.7                        | 24.7                        | 15.1                        |
| Unclassified                           | 19.4                        | 18.4                        | 24.2                        | 38.1                        |
| Undergraduate program                  |                             |                             |                             |                             |
| Certificate                            | 26.6                        | 27.5                        | 18.3                        | 27.6                        |
| Associate's degree                     | 21.7                        | 12.4                        | 32.1                        | 33.8                        |
| Bachelor's degree                      | 61.1                        | 10.1                        | 17.6                        | 11.2                        |
| Nondegree program                      | 8.3                         | 7.3                         | 26.4                        | 58.0                        |
| Gender                                 |                             |                             |                             |                             |
| Male                                   | 40.0                        | 13.7                        | 22.1                        | 24.2                        |
| Female                                 | 37.0                        | 12.6                        | 25.8                        | 24.6                        |

**Table 2.5b—Percentage distribution of undergraduates according to attendance pattern: 1995–96**  
—Continued

|  | Attendance status           |                             |                             |                             |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|  | Full-time,<br>full-<br>year | Full-time,<br>part-<br>year | Part-time,<br>full-<br>year | Part-time,<br>part-<br>year |
| <b>Race–ethnicity</b>                      |                             |                             |                             |                             |
| White, non-Hispanic                        | 39.0                        | 12.2                        | 23.7                        | 25.1                        |
| Black, non-Hispanic                        | 33.6                        | 16.4                        | 25.6                        | 24.4                        |
| Hispanic                                   | 34.6                        | 14.6                        | 26.5                        | 24.3                        |
| Asian/Pacific Islander                     | 44.6                        | 13.2                        | 23.5                        | 18.8                        |
| American Indian/Alaskan Native             | 36.3                        | 13.7                        | 25.9                        | 24.2                        |
| <b>Dependency status</b>                   |                             |                             |                             |                             |
| Dependent                                  | 57.5                        | 12.7                        | 16.6                        | 13.2                        |
| Independent                                | 19.7                        | 13.4                        | 31.5                        | 35.3                        |
| No dependents, unmarried                   | 21.6                        | 13.4                        | 30.1                        | 34.9                        |
| No dependents, married                     | 17.5                        | 10.9                        | 35.1                        | 36.5                        |
| With dependents                            | 19.2                        | 14.4                        | 31.3                        | 35.2                        |
| <b>Age as of 12/31/95</b>                  |                             |                             |                             |                             |
| 18 years or younger                        | 64.3                        | 12.1                        | 13.7                        | 9.9                         |
| 19–23 years                                | 53.5                        | 14.5                        | 17.4                        | 14.7                        |
| 24–29 years                                | 22.8                        | 13.5                        | 30.8                        | 32.9                        |
| 30–39 years                                | 15.9                        | 12.4                        | 33.6                        | 38.2                        |
| 40 years or older                          | 12.1                        | 8.6                         | 36.6                        | 42.7                        |
| <b>Dependency and income level in 1994</b> |                             |                             |                             |                             |
| <b>Dependent</b>                           |                             |                             |                             |                             |
| Less than \$20,000                         | 52.9                        | 15.8                        | 18.4                        | 12.9                        |
| \$20,000–39,999                            | 56.7                        | 12.1                        | 18.2                        | 13.1                        |
| \$40,000–59,999                            | 56.4                        | 12.1                        | 16.2                        | 15.3                        |
| \$60,000–79,999                            | 58.9                        | 11.9                        | 16.2                        | 13.0                        |
| \$80,000–99,999                            | 59.4                        | 10.9                        | 16.0                        | 13.7                        |
| \$100,000 or more                          | 65.7                        | 12.3                        | 12.4                        | 9.6                         |
| <b>Independent</b>                         |                             |                             |                             |                             |
| Less than \$10,000                         | 31.0                        | 19.3                        | 24.4                        | 25.2                        |
| \$10,000–19,999                            | 19.9                        | 15.0                        | 30.9                        | 34.2                        |
| \$20,000–29,999                            | 15.6                        | 11.4                        | 33.3                        | 39.7                        |
| \$30,000–49,999                            | 12.7                        | 9.4                         | 36.1                        | 41.9                        |
| \$50,000 or more                           | 9.8                         | 6.3                         | 39.3                        | 44.7                        |
| <b>Marital status</b>                      |                             |                             |                             |                             |
| Not married                                | 44.3                        | 13.4                        | 21.3                        | 21.1                        |
| Married                                    | 17.4                        | 11.3                        | 34.0                        | 37.3                        |
| Separated                                  | 25.2                        | 20.2                        | 35.5                        | 19.1                        |
| <b>Single parent</b>                       |                             |                             |                             |                             |
| No   | 40.6                        | 12.6                        | 23.6                        | 23.2                        |
| Yes  | 20.1                        | 16.5                        | 28.8                        | 34.7                        |

**Table 2.5b—Percentage distribution of undergraduates according to attendance pattern: 1995–96**  
—Continued

|   | Attendance status           |                             |                             |                             |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|   | Full-time,<br>full-<br>year | Full-time,<br>part-<br>year | Part-time,<br>full-<br>year | Part-time,<br>part-<br>year |
| Number of dependents                                |                             |                             |                             |                             |
| None  | 44.5                        | 12.6                        | 21.9                        | 20.9                        |
| One or more   | 19.2                        | 14.4                        | 31.3                        | 35.2                        |
| Parents' education                                  |                             |                             |                             |                             |
| Less than high school diploma                       | 24.0                        | 13.5                        | 32.1                        | 30.4                        |
| High school diploma or equivalent                   | 35.7                        | 12.9                        | 29.4                        | 21.9                        |
| Some postsecondary education                        | 40.3                        | 13.2                        | 25.7                        | 20.9                        |
| Bachelor's degree or higher                         | 51.7                        | 11.5                        | 18.5                        | 18.4                        |
| Disability status <sup>3</sup>                      |                             |                             |                             |                             |
| No  | 40.8                        | 12.4                        | 24.6                        | 22.3                        |
| Yes   | 38.7                        | 15.6                        | 24.5                        | 21.2                        |
| Primary role if working while enrolled <sup>3</sup> |                             |                             |                             |                             |
| Student working to meet expenses                    | 54.1                        | 11.4                        | 21.7                        | 12.9                        |
| Employee enrolled in school                         | 11.0                        | 10.2                        | 36.4                        | 42.4                        |
| Average hours worked while enrolled                 |                             |                             |                             |                             |
| Did not work  | 52.5                        | 17.9                        | 15.9                        | 13.8                        |
| 1–15 hours  | 69.1                        | 7.8                         | 15.1                        | 7.9                         |
| 16–20 hours   | 55.9                        | 11.7                        | 18.1                        | 14.3                        |
| 21–34 hours   | 45.2                        | 13.9                        | 23.8                        | 17.1                        |
| 35 hours or more                                    | 16.0                        | 10.8                        | 35.3                        | 38.0                        |

<sup>1</sup>Column classifications refer to NPSAS institution only.

<sup>2</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>3</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as “primary role,” which includes only working students.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 2.6—Percentage of undergraduates who reported considering the graduation rate or the crime rate when selecting their postsecondary institution: 1995–96**

|  | Considered<br>the graduation rate | Considered<br>the crime rate <sup>1</sup> |
|--|-----------------------------------|---|
| Total                                  | 19.7                              | 13.8                                      |
| Level of institution                   |                                   |   |
| Less-than-2-year                       | 44.2                              | †   |
| 2-year                                 | 18.2                              | 10.9                                      |
| 4-year                                 | 19.1                              | 16.4                                      |
| More than one institution <sup>2</sup> | 16.4                              | 13.0                                      |
| Control of institution <sup>3</sup>    |                                   |   |
| Public                                 | 15.8                              | 12.1                                      |
| Private, not-for-profit                | 29.0                              | 21.5                                      |
| Private, for-profit                    | 47.5                              | †   |
| Institution type <sup>3</sup>          |                                   |   |
| Public                                 |                                   |   |
| Less-than-2-year                       | 33.0                              | †   |
| 2-year                                 | 16.1                              | 10.8                                      |
| 4-year nondoctorate-granting           | 14.2                              | 13.6                                      |
| 4-year doctorate-granting              | 14.9                              | 14.0                                      |
| Private, not-for-profit                |                                   |   |
| Less-than-4-year                       | 39.6                              | 15.3                                      |
| 4-year nondoctorate-granting           | 29.3                              | 21.7                                      |
| 4-year doctorate-granting              | 25.6                              | 22.6                                      |
| Private, for-profit                    | 47.5                              | †   |
| Class level                            |                                   |   |
| First-year beginning                   | 23.5                              | 16.2                                      |
| Other first year                       | 19.5                              | 11.6                                      |
| Second year                            | 19.9                              | 14.4                                      |
| Third year                             | 17.3                              | 15.2                                      |
| Fourth or fifth year                   | 14.5                              | 13.2                                      |
| Unclassified                           | 23.2                              | 9.6                                       |
| Attendance status                      |                                   |   |
| Full-time, full-year                   | 22.5                              | 17.6                                      |
| Full-time, part-year                   | 24.0                              | 12.4                                      |
| Part-time, full-year                   | 16.8                              | 11.8                                      |
| Part-time, part-year                   | 13.9                              | 8.7                                       |
| Undergraduate program                  |                                   |   |
| Certificate                            | 27.8                              | 8.4                                       |
| Associate's degree                     | 17.4                              | 11.4                                      |
| Bachelor's degree                      | 19.2                              | 16.8                                      |
| Nondegree program                      | —                                 | —   |

**Table 2.6—Percentage of undergraduates who reported considering the graduation rate or the crime rate when selecting their postsecondary institution: 1995–96—Continued**

|                                     | Considered<br>the graduation rate | Considered<br>the crime rate <sup>1</sup> |
|-------------------------------------|-----------------------------------|---|
| Gender                              |                                   |   |
| Male                                | 18.6                              | 10.7                                      |
| Female                              | 20.5                              | 16.2                                      |
| Race–ethnicity                      |                                   |   |
| White, non-Hispanic                 | 17.0                              | 12.4                                      |
| Black, non-Hispanic                 | 25.5                              | 15.5                                      |
| Hispanic                            | 24.6                              | 19.4                                      |
| Asian/Pacific Islander              | 34.1                              | 20.7                                      |
| American Indian/Alaskan Native      | 19.5                              | 7.9                                       |
| Dependency status                   |                                   |   |
| Dependent                           | 20.2                              | 17.0                                      |
| Independent                         | 19.1                              | 10.2                                      |
| No dependents, unmarried            | 16.8                              | 9.7                                       |
| No dependents, married              | 17.2                              | 10.2                                      |
| With dependents                     | 21.4                              | 10.5                                      |
| Age as of 12/31/95                  |                                   |   |
| 18 years or younger                 | 21.3                              | 20.7                                      |
| 19–23 years                         | 20.2                              | 15.8                                      |
| 24–29 years                         | 18.2                              | 8.0                                       |
| 30–39 years                         | 19.5                              | 10.6                                      |
| 40 years or older                   | 18.5                              | 12.0                                      |
| Dependency and income level in 1994 |                                   |   |
| Dependent                           |                                   |   |
| Less than \$20,000                  | 24.8                              | 17.9                                      |
| \$20,000–39,999                     | 23.2                              | 18.1                                      |
| \$40,000–59,999                     | 17.4                              | 15.4                                      |
| \$60,000–79,999                     | 17.9                              | 16.7                                      |
| \$80,000–99,999                     | 18.4                              | 16.7                                      |
| \$100,000 or more                   | 18.9                              | 17.9                                      |
| Independent                         |                                   |   |
| Less than \$10,000                  | 20.6                              | 11.6                                      |
| \$10,000–19,999                     | 19.4                              | 10.1                                      |
| \$20,000–29,999                     | 19.1                              | 11.1                                      |
| \$30,000–49,999                     | 18.4                              | 6.8                                       |
| \$50,000 or more                    | 17.0                              | 11.1                                      |
| Marital status                      |                                   |   |
| Not married                         | 20.0                              | 15.0                                      |
| Married                             | 18.2                              | 9.8                                       |
| Separated                           | 24.3                              | 8.1                                       |

**Table 2.6—Percentage of undergraduates who reported considering the graduation rate or the crime rate when selecting their postsecondary institution: 1995–96—Continued**

|   | Considered<br>the graduation rate | Considered<br>the crime rate <sup>1</sup> |
|---|-----------------------------------|---|
| Single parent                                       |                                   |   |
| No  | 19.3                              | 14.0                                      |
| Yes   | 22.8                              | 11.8                                      |
| Number of dependents                                |                                   |   |
| None  | 19.1                              | 14.7                                      |
| One or more   | 21.4                              | 10.5                                      |
| Parents' education                                  |                                   |   |
| Less than high school diploma                       | 27.7                              | 15.5                                      |
| High school diploma or equivalent                   | 20.8                              | 13.5                                      |
| Some postsecondary education                        | 16.0                              | 10.9                                      |
| Bachelor's degree or higher                         | 18.7                              | 15.4                                      |
| Disability status                                   |                                   |   |
| No  | 19.6                              | 13.9                                      |
| Yes   | 21.0                              | 12.4                                      |
| Primary role if working while enrolled <sup>4</sup> |                                   |   |
| Student working to meet expenses                    | 19.6                              | 15.0                                      |
| Employee enrolled in school                         | 17.3                              | 9.8                                       |
| Average hours worked while enrolled                 |                                   |   |
| Did not work  | 22.6                              | 16.2                                      |
| 1–15 hours  | 24.9                              | 19.7                                      |
| 16–20 hours   | 18.4                              | 15.2                                      |
| 21–34 hours   | 18.0                              | 12.8                                      |
| 35 hours or more                                    | 16.9                              | 9.8                                       |

—Sample size too small for a reliable estimate.

†Not applicable. See footnotes 1 and 2.

<sup>1</sup>Students were asked if they considered the crime rate if they were enrolled in public or private, not-for-profit 2-year or 4-year institutions.

<sup>2</sup>Column classifications refer to NPSAS institution.

<sup>3</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>4</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as “primary role,” which includes only working students.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.



## **SECTION 3: DEGREE PROGRAM, FIELD OF STUDY, AND GRADE POINT AVERAGE**

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- Consistent with the distribution of undergraduates attending 2-year and 4-year institutions (see table 2.1), similar proportions of students were enrolled in associate's and bachelor's degree programs (43 percent and 42 percent, respectively); about 12 percent of undergraduates were in programs leading to a vocational certificate (table 3.1).
- Racial-ethnic group differences in degree programs corresponded to students' enrollments in institution levels: both black, non-Hispanic and Hispanic students (who were less likely than white, non-Hispanics or Asian/Pacific Islanders to attend 4-year institutions) were also less likely than white, non-Hispanic or Asian/Pacific Islander students to be pursuing a bachelor's degree (table 3.1).
- Black, non-Hispanic undergraduates, who were more likely than white, non-Hispanic or Asian/Pacific Islander students to attend less-than-2-year institutions (see table 2.1), were also more likely to be enrolled in vocational certificate programs than were white, non-Hispanics or Asian/Pacific Islanders (table 3.1).
- Undergraduates under 24, who were more likely to be enrolled in 4-year institutions (table 2.1), were also more likely to be in a bachelor's degree program than students 24 and older. For example, 54 percent of students aged 19-23 were pursuing bachelor's degrees, compared with 34 percent of students aged 24-29. Students 24 and over, on the other hand, were more likely to be pursuing an associate's degree (table 3.1).
- Among undergraduates with a declared major or field of study, about 20 percent reported studying in a business-related field. Approximately 15 percent were majoring in a humanities field, and 13 percent were in a health-oriented discipline. Fourteen percent of undergraduates reported other professional or technical majors (table 3.2).
- Women were much less likely than men to be studying computer science or engineering (2 percent each for women versus 5 percent in computer science and 15 percent in engineering for men), and were much more likely to be majoring in education or health fields (10 percent versus 5 percent in education and 18 percent versus 6 percent in health). Women were also somewhat more likely than men to major in the social or behavioral sciences (10 percent versus 8 percent; table 3.2).
- Female undergraduates tended to have higher cumulative GPAs than males: 15 percent of women earned mostly A's, compared with 11 percent of men. An additional 22 percent of women had grades of A's and B's, compared with 16 percent of men (table 3.3).

**Table 3.1—Percentage distribution of undergraduates according to undergraduate program: 1995–96**

|  | Certificate | Associate's degree | Bachelor's degree | Nondegree program |
|--|-------------|--------------------|-------------------|-------------------|
| Total                                  | 12.2        | 42.6               | 41.7              | 3.5               |
| Level of institution                   |             |                    |                   |                   |
| Less-than-2-year                       | 99.6        | †                  | †                 | 0.4               |
| 2-year                                 | 13.5        | 82.6               | †                 | 3.9               |
| 4-year                                 | 2.9         | 4.5                | 89.3              | 3.3               |
| More than one institution <sup>1</sup> | 10.4        | 52.3               | 32.4              | 4.9               |
| Control of institution <sup>2</sup>    |             |                    |                   |                   |
| Public                                 | 9.6         | 50.0               | 36.5              | 3.8               |
| Private, not-for-profit                | 7.4         | 8.8                | 81.3              | 2.6               |
| Private, for-profit                    | 63.7        | 28.4               | 7.1               | 0.8               |
| Institution type <sup>2</sup>          |             |                    |                   |                   |
| Public                                 |             |                    |                   |                   |
| Less-than-2-year                       | 99.6        | †                  | †                 | 0.4               |
| 2-year                                 | 12.2        | 83.6               | †                 | 4.2               |
| 4-year nondoctorate-granting           | 2.6         | 7.5                | 86.5              | 3.3               |
| 4-year doctorate-granting              | 2.1         | 1.8                | 92.5              | 3.6               |
| Private, not-for-profit                |             |                    |                   |                   |
| Less-than-4-year                       | 41.4        | 57.3               | †                 | 1.3               |
| 4-year nondoctorate-granting           | 4.0         | 5.4                | 88.2              | 2.4               |
| 4-year doctorate-granting              | 4.8         | 2.3                | 89.6              | 3.3               |
| Private, for-profit                    | 63.7        | 28.4               | 7.1               | 0.8               |
| Class level                            |             |                    |                   |                   |
| First-year beginning                   | 16.4        | 41.2               | 39.2              | 3.2               |
| Other first year                       | 15.7        | 62.4               | 15.2              | 6.7               |
| Second year                            | 6.0         | 56.9               | 35.7              | 1.4               |
| Third year                             | 2.5         | 6.1                | 90.2              | 1.2               |
| Fourth or fifth year                   | 2.5         | 0.1                | 97.0              | 0.4               |
| Unclassified                           | 51.1        | 34.3               | 9.3               | 5.2               |
| Attendance intensity                   |             |                    |                   |                   |
| Exclusively full-time                  | 13.9        | 27.7               | 57.5              | 0.9               |
| Mixed full-time and part-time          | 7.1         | 44.4               | 46.2              | 2.3               |
| Exclusively part-time                  | 12.5        | 60.0               | 20.3              | 7.2               |
| Attendance status                      |             |                    |                   |                   |
| Full-time, full-year                   | 8.4         | 24.3               | 66.6              | 0.7               |
| Full-time, part-year                   | 25.5        | 40.5               | 32.2              | 1.9               |
| Part-time, full-year                   | 9.1         | 56.8               | 30.3              | 3.7               |
| Part-time, part-year                   | 13.6        | 59.2               | 19.1              | 8.1               |

**Table 3.1—Percentage distribution of undergraduates according to undergraduate program: 1995–96**  
—Continued

|  | Certificate | Associate's degree | Bachelor's degree | Nondegree program |
|--|-------------|--------------------|-------------------|-------------------|
| <b>Gender</b>                              |             |                    |                   |                   |
| Male                                       | 11.1        | 41.5               | 43.7              | 3.7               |
| Female                                     | 13.0        | 43.4               | 40.2              | 3.4               |
| <b>Race—ethnicity</b>                      |             |                    |                   |                   |
| White, non-Hispanic                        | 10.4        | 42.3               | 43.4              | 3.9               |
| Black, non-Hispanic                        | 19.4        | 43.0               | 35.4              | 2.2               |
| Hispanic                                   | 16.3        | 48.0               | 32.9              | 2.7               |
| Asian/Pacific Islander                     | 10.8        | 35.1               | 50.4              | 3.7               |
| American Indian/Alaskan Native             | 13.4        | 52.2               | 30.2              | 4.2               |
| <b>Dependency status</b>                   |             |                    |                   |                   |
| Dependent                                  | 6.4         | 36.1               | 55.6              | 2.0               |
| Independent                                | 17.8        | 49.0               | 28.3              | 5.0               |
| No dependents, unmarried                   | 14.9        | 44.7               | 35.0              | 5.4               |
| No dependents, married                     | 16.2        | 49.0               | 28.6              | 6.2               |
| With dependents                            | 20.4        | 52.0               | 23.3              | 4.3               |
| <b>Age as of 12/31/95</b>                  |             |                    |                   |                   |
| 18 years or younger                        | 7.9         | 39.9               | 50.3              | 2.0               |
| 19–23 years                                | 7.8         | 36.4               | 53.8              | 2.0               |
| 24–29 years                                | 15.3        | 47.1               | 34.1              | 3.5               |
| 30–39 years                                | 17.1        | 52.1               | 25.7              | 5.1               |
| 40 years or older                          | 20.9        | 49.4               | 21.1              | 8.6               |
| <b>Dependency and income level in 1994</b> |             |                    |                   |                   |
| <b>Dependent</b>                           |             |                    |                   |                   |
| Less than \$20,000                         | 10.3        | 37.8               | 50.2              | 1.7               |
| \$20,000–39,999                            | 7.0         | 40.0               | 51.5              | 1.5               |
| \$40,000–59,999                            | 5.4         | 38.2               | 53.9              | 2.5               |
| \$60,000–79,999                            | 5.6         | 34.0               | 58.0              | 2.4               |
| \$80,000–99,999                            | 3.9         | 33.0               | 61.0              | 2.1               |
| \$100,000 or more                          | 3.2         | 25.6               | 69.0              | 2.1               |
| <b>Independent</b>                         |             |                    |                   |                   |
| Less than \$10,000                         | 19.7        | 45.2               | 32.8              | 2.4               |
| \$10,000–19,999                            | 18.5        | 51.6               | 26.6              | 3.3               |
| \$20,000–29,999                            | 17.0        | 53.6               | 24.7              | 4.7               |
| \$30,000–49,999                            | 15.9        | 51.2               | 26.2              | 6.8               |
| \$50,000 or more                           | 16.0        | 44.2               | 28.5              | 11.3              |
| <b>Marital status</b>                      |             |                    |                   |                   |
| Not married                                | 10.4        | 40.6               | 46.1              | 3.0               |
| Married                                    | 17.9        | 48.8               | 27.5              | 5.8               |
| Separated                                  | 22.4        | 56.4               | 19.4              | 1.8               |

**Table 3.1—Percentage distribution of undergraduates according to undergraduate program: 1995–96**  
—Continued

|   | Certificate | Associate's degree | Bachelor's degree | Nondegree program |
|---|-------------|--------------------|-------------------|-------------------|
| Single parent                                       |             |                    |                   |                   |
| No  | 11.1        | 41.0               | 44.3              | 3.6               |
| Yes   | 21.2        | 55.4               | 20.4              | 3.1               |
| Number of dependents                                |             |                    |                   |                   |
| None  | 9.5         | 39.6               | 47.6              | 3.3               |
| One or more   | 20.4        | 52.0               | 23.3              | 4.3               |
| Parents' education <sup>3</sup>                     |             |                    |                   |                   |
| Less than high school diploma                       | 21.7        | 49.6               | 23.5              | 5.2               |
| High school diploma or equivalent                   | 16.0        | 44.3               | 36.1              | 3.6               |
| Some postsecondary education                        | 10.7        | 46.1               | 39.2              | 4.0               |
| Bachelor's degree or higher                         | 8.0         | 32.4               | 56.3              | 3.3               |
| Disability status <sup>3</sup>                      |             |                    |                   |                   |
| No  | 13.2        | 40.0               | 42.7              | 4.1               |
| Yes   | 17.6        | 44.7               | 34.9              | 2.8               |
| Primary role if working while enrolled <sup>3</sup> |             |                    |                   |                   |
| Student working to meet expenses                    | 9.1         | 37.3               | 51.9              | 1.7               |
| Employee enrolled in school                         | 17.6        | 51.3               | 22.5              | 8.6               |
| Average hours worked while enrolled                 |             |                    |                   |                   |
| Did not work  | 16.8        | 33.6               | 47.2              | 2.5               |
| 1–15 hours  | 7.6         | 24.0               | 67.5              | 0.9               |
| 16–20 hours   | 9.9         | 37.4               | 51.5              | 1.3               |
| 21–34 hours   | 12.1        | 42.0               | 43.4              | 2.6               |
| 35 hours or more                                    | 15.5        | 50.1               | 26.5              | 8.0               |

‡Not applicable.

<sup>1</sup>Column classifications refer to NPSAS institution.

<sup>2</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>3</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as “primary role,” which includes only working students.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 3.2—Percentage distribution of undergraduates with a declared major according to field of study: 1995–96**

|  | Arts and humanities | Social/ behavioral sciences | Life sciences | Physical sciences | Math | Computer/ information science | Engineering | Education | Business/ management | Health | Vocational/ technical | Other professional or technical |
|--|---------------------|-----------------------------|---------------|-------------------|------|-------------------------------|-------------|-----------|----------------------|--------|-----------------------|---------------------------------|
| Total                                  | 15.1                | 9.6                         | 5.3           | 1.1               | 0.7  | 3.6                           | 7.7         | 7.9       | 20.1                 | 12.5   | 2.6                   | 14.0                            |
| Level of institution                   |                     |                             |               |                   |      |                               |             |           |                      |        |                       |                                 |
| Less-than-2-year                       | 1.8                 | 0.1                         | 0.2           | 0.0               | 0.0  | 1.9                           | 9.1         | 1.5       | 22.3                 | 11.7   | 14.2                  | 37.3                            |
| 2-year                                 | 18.3                | 4.4                         | 2.7           | 0.5               | 0.4  | 4.2                           | 7.7         | 5.8       | 20.3                 | 16.1   | 3.5                   | 16.2                            |
| 4-year                                 | 13.3                | 15.2                        | 8.1           | 1.7               | 1.0  | 3.4                           | 7.6         | 10.3      | 19.7                 | 9.3    | 0.7                   | 9.7                             |
| More than one institution <sup>1</sup> | 18.7                | 8.4                         | 7.1           | 1.0               | 1.2  | 2.0                           | 6.4         | 8.5       | 19.7                 | 12.5   | 1.4                   | 13.2                            |
| Control of institution <sup>2</sup>    |                     |                             |               |                   |      |                               |             |           |                      |        |                       |                                 |
| Public                                 | 15.9                | 8.8                         | 5.4           | 1.1               | 0.7  | 3.7                           | 7.8         | 8.4       | 19.2                 | 13.5   | 2.5                   | 13.1                            |
| Private, not-for-profit                | 15.0                | 16.9                        | 6.2           | 1.4               | 1.0  | 3.1                           | 5.8         | 8.3       | 21.9                 | 9.8    | 1.8                   | 8.8                             |
| Private, for-profit                    | 3.4                 | 0.1                         | 0.5           | 0.0               | 0.0  | 4.7                           | 11.9        | 0.6       | 25.7                 | 8.2    | 6.5                   | 38.5                            |
| Class level                            |                     |                             |               |                   |      |                               |             |           |                      |        |                       |                                 |
| First-year beginning                   | 15.2                | 7.0                         | 5.4           | 1.0               | 0.7  | 3.1                           | 9.0         | 7.4       | 18.4                 | 12.1   | 4.2                   | 16.5                            |
| Other first year                       | 18.3                | 5.4                         | 3.3           | 0.5               | 0.5  | 4.1                           | 7.5         | 6.5       | 20.7                 | 13.4   | 3.7                   | 16.1                            |
| Second year                            | 15.1                | 9.0                         | 5.5           | 0.9               | 0.5  | 4.0                           | 6.9         | 7.0       | 20.3                 | 14.3   | 1.6                   | 15.0                            |
| Third year                             | 12.5                | 16.9                        | 7.5           | 1.9               | 1.1  | 2.9                           | 7.0         | 9.6       | 21.1                 | 9.9    | 0.5                   | 9.3                             |
| Fourth or fifth year                   | 12.7                | 16.7                        | 8.3           | 2.0               | 1.1  | 3.0                           | 7.7         | 10.8      | 19.2                 | 9.0    | 0.7                   | 8.7                             |
| Unclassified                           | 6.9                 | 4.3                         | 1.5           | 0.4               | 0.2  | 3.4                           | 10.9        | 8.0       | 21.0                 | 17.5   | 7.8                   | 18.3                            |
| Attendance intensity                   |                     |                             |               |                   |      |                               |             |           |                      |        |                       |                                 |
| Exclusively full-time                  | 14.4                | 11.2                        | 6.2           | 1.2               | 0.7  | 2.7                           | 8.6         | 7.9       | 18.4                 | 11.3   | 2.9                   | 14.6                            |
| Mixed full-time and part-time          | 14.5                | 10.0                        | 6.7           | 1.3               | 0.7  | 4.0                           | 6.3         | 8.7       | 19.3                 | 13.7   | 1.7                   | 13.0                            |
| Exclusively part-time                  | 16.3                | 6.8                         | 3.0           | 0.6               | 0.7  | 4.8                           | 7.1         | 7.2       | 23.5                 | 13.8   | 2.8                   | 13.5                            |
| Undergraduate program                  |                     |                             |               |                   |      |                               |             |           |                      |        |                       |                                 |
| Certificate                            | 4.3                 | 1.7                         | 1.3           | 0.1               | 0.1  | 2.5                           | 9.0         | 4.8       | 21.0                 | 15.4   | 11.9                  | 28.0                            |
| Associate's degree                     | 21.0                | 5.1                         | 3.0           | 0.6               | 0.5  | 4.1                           | 7.5         | 5.8       | 20.3                 | 15.4   | 2.0                   | 14.9                            |
| Bachelor's degree                      | 13.1                | 15.7                        | 8.5           | 1.7               | 1.1  | 3.4                           | 7.4         | 10.3      | 19.8                 | 9.2    | 0.5                   | 9.4                             |
| Nondegree program                      | 16.5                | 10.2                        | 5.0           | 0.5               | 0.2  | 7.0                           | 9.0         | 21.0      | 12.1                 | 7.3    | 2.1                   | 9.2                             |

**Table 3.2—Percentage distribution of undergraduates with a declared major according to field of study: 1995–96—Continued**

|                                   | Arts and<br>humanities | Social/<br>behavioral<br>sciences | Life<br>sciences | Physical<br>sciences | Math | Computer/<br>infor-<br>mation<br>science | Engineer-<br>ing | Education | Business/<br>manage-<br>ment | Health | Voca-<br>tional/<br>technical | Other<br>profes-<br>sional or<br>technical |
|-----------------------------------|------------------------|-----------------------------------|------------------|----------------------|------|--|------------------|-----------|------------------------------|--------|-------------------------------|--|
| <b>Gender</b>                     |                        |                                   |                  |                      |      |  |                  |           |                              |        |                               |  |
| Male                              | 14.1                   | 8.4                               | 5.9              | 1.4                  | 0.9  | 5.2                                      | 15.0             | 5.3       | 19.2                         | 5.5    | 5.7                           | 13.6                                       |
| Female                            | 15.8                   | 10.4                              | 4.9              | 0.8                  | 0.5  | 2.4                                      | 2.3              | 9.8       | 20.8                         | 17.6   | 0.4                           | 14.4                                       |
| <b>Race-ethnicity</b>             |                        |                                   |                  |                      |      |  |                  |           |                              |        |                               |  |
| White, non-Hispanic               | 15.5                   | 9.8                               | 5.2              | 1.1                  | 0.7  | 3.4                                      | 7.7              | 8.4       | 19.5                         | 12.5   | 2.5                           | 13.9                                       |
| Black, non-Hispanic               | 12.6                   | 8.9                               | 4.1              | 0.5                  | 0.5  | 4.3                                      | 5.7              | 7.6       | 20.0                         | 16.0   | 2.6                           | 17.2                                       |
| Hispanic                          | 15.0                   | 9.3                               | 4.9              | 0.6                  | 0.3  | 3.0                                      | 8.2              | 6.7       | 23.4                         | 10.5   | 3.6                           | 14.5                                       |
| Asian/Pacific Islander            | 16.0                   | 8.5                               | 10.3             | 2.5                  | 1.5  | 6.2                                      | 10.0             | 5.0       | 21.7                         | 7.8    | 1.7                           | 8.8  |
| American Indian/Alaskan<br>Native | 17.3                   | 7.6                               | 5.5              | 0.7                  | 0.1  | 2.2                                      | 4.1              | 10.4      | 16.4                         | 17.5   | 5.0                           | 13.4                                       |
| <b>Dependency status</b>          |                        |                                   |                  |                      |      |  |                  |           |                              |        |                               |  |
| Dependent                         | 16.6                   | 11.6                              | 7.8              | 1.5                  | 0.8  | 2.8                                      | 8.2              | 8.5       | 17.8                         | 9.8    | 1.6                           | 13.1                                       |
| Independent                       | 13.6                   | 7.4                               | 2.8              | 0.6                  | 0.5  | 4.4                                      | 7.1              | 7.2       | 22.4                         | 15.2   | 3.6                           | 14.9                                       |
| <b>Age as of 12/31/95</b>         |                        |                                   |                  |                      |      |  |                  |           |                              |        |                               |  |
| 18 years or younger               | 17.3                   | 8.0                               | 8.3              | 1.2                  | 0.7  | 2.6                                      | 8.2              | 8.3       | 16.5                         | 12.5   | 2.6                           | 13.9                                       |
| 19–23 years                       | 16.1                   | 11.9                              | 7.0              | 1.4                  | 0.8  | 2.8                                      | 7.9              | 8.8       | 18.1                         | 10.0   | 1.5                           | 13.8                                       |
| 24–29 years                       | 14.5                   | 8.4                               | 4.0              | 0.9                  | 0.4  | 4.1                                      | 7.4              | 6.5       | 21.5                         | 13.1   | 3.4                           | 15.7                                       |
| 30–39 years                       | 11.3                   | 6.2                               | 2.4              | 0.6                  | 0.6  | 5.0                                      | 8.2              | 6.6       | 22.6                         | 18.2   | 4.1                           | 14.6                                       |
| 40 years or older                 | 15.2                   | 7.1                               | 1.3              | 0.3                  | 0.7  | 5.4                                      | 5.8              | 7.5       | 26.6                         | 14.6   | 4.2                           | 11.3                                       |
| <b>Marital status</b>             |                        |                                   |                  |                      |      |  |                  |           |                              |        |                               |  |
| Not married                       | 15.9                   | 10.5                              | 6.1              | 1.2                  | 0.7  | 3.3                                      | 7.7              | 7.9       | 18.9                         | 11.0   | 2.2                           | 14.6                                       |
| Married                           | 12.0                   | 6.3                               | 2.5              | 0.4                  | 0.8  | 4.7                                      | 7.8              | 8.2       | 24.7                         | 16.8   | 4.2                           | 11.7                                       |
| Separated                         | 13.6                   | 5.6                               | 3.8              | 0.3                  | 0.1  | 4.5                                      | 4.9              | 4.2       | 20.4                         | 24.7   | 3.4                           | 14.6                                       |
| <b>Single parent</b>              |                        |                                   |                  |                      |      |  |                  |           |                              |        |                               |  |
| No                                | 15.4                   | 9.8                               | 5.7              | 1.1                  | 0.7  | 3.7                                      | 8.1              | 7.9       | 19.9                         | 11.8   | 2.6                           | 13.4                                       |
| Yes                               | 12.7                   | 7.3                               | 2.5              | 0.4                  | 0.2  | 3.1                                      | 4.2              | 7.5       | 21.8                         | 17.9   | 2.8                           | 19.6                                       |

**Table 3.2—Percentage distribution of undergraduates with a declared major according to field of study: 1995–96—Continued**

|   | Arts and humanities | Social/ behavioral sciences | Life sciences | Physical sciences | Math | Computer/ information science | Engineering | Education | Business/ management | Health | Vocational/ technical | Other professional or technical |
|---|---------------------|-----------------------------|---------------|-------------------|------|-------------------------------|-------------|-----------|----------------------|--------|-----------------------|---------------------------------|
| Number of dependents                                |                     |                             |               |                   |      |                               |             |           |                      |        |                       |                                 |
| None  | 15.9                | 10.5                        | 6.3           | 1.3               | 0.8  | 3.5                           | 8.1         | 8.1       | 19.0                 | 10.8   | 2.2                   | 13.4                            |
| One or more   | 12.6                | 6.5                         | 2.4           | 0.4               | 0.5  | 3.8                           | 6.2         | 7.1       | 23.3                 | 17.6   | 3.8                   | 15.9                            |
| Disability status <sup>3</sup>                      |                     |                             |               |                   |      |                               |             |           |                      |        |                       |                                 |
| No  | 14.5                | 9.7                         | 5.7           | 1.0               | 0.6  | 3.3                           | 8.2         | 8.7       | 19.8                 | 12.8   | 2.6                   | 13.3                            |
| Yes   | 17.6                | 9.4                         | 3.4           | 0.6               | 0.2  | 3.9                           | 9.7         | 8.3       | 17.4                 | 11.4   | 3.8                   | 14.2                            |
| Primary role if working while enrolled <sup>3</sup> |                     |                             |               |                   |      |                               |             |           |                      |        |                       |                                 |
| Student working to meet expenses                    | 15.4                | 12.0                        | 6.9           | 1.1               | 0.7  | 2.8                           | 8.0         | 9.5       | 16.9                 | 12.8   | 1.7                   | 12.3                            |
| Employee enrolled in school                         | 12.3                | 4.8                         | 2.2           | 0.4               | 0.3  | 4.6                           | 8.8         | 7.8       | 27.2                 | 11.7   | 4.4                   | 15.5                            |
| Average hours worked while enrolled                 |                     |                             |               |                   |      |                               |             |           |                      |        |                       |                                 |
| Did not work  | 14.5                | 9.2                         | 5.9           | 1.3               | 0.6  | 3.3                           | 9.0         | 7.3       | 17.5                 | 14.9   | 2.6                   | 14.1                            |
| 1–15 hours  | 17.5                | 11.7                        | 9.7           | 1.9               | 1.0  | 2.7                           | 9.1         | 11.3      | 12.7                 | 11.4   | 0.9                   | 10.4                            |
| 16–20 hours   | 15.1                | 10.3                        | 7.0           | 1.1               | 0.9  | 2.6                           | 8.0         | 8.2       | 17.7                 | 13.9   | 1.6                   | 13.6                            |
| 21–34 hours   | 16.5                | 10.3                        | 6.2           | 0.4               | 0.4  | 3.2                           | 6.1         | 10.6      | 17.4                 | 12.5   | 2.7                   | 13.7                            |
| 35 hours or more                                    | 11.7                | 8.6                         | 2.9           | 0.7               | 0.4  | 4.1                           | 8.6         | 7.6       | 25.7                 | 11.7   | 3.9                   | 14.1                            |

<sup>1</sup>Column classifications refer to NPSAS institution.

<sup>2</sup>Category for "more than one institution" is shown only under "level of institution." The distributions are identical.

<sup>3</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as "primary role," which includes only working students.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 3.3—Percentage distribution of undergraduates according to their undergraduate grade point average: 1995–96**

|  | Mostly<br>A's | A's and<br>B's | Mostly<br>B's | B's and<br>C's | Mostly<br>C's | C's and D's<br>or lower |
|--|---------------|----------------|---------------|----------------|---------------|-------------------------|
| Total                                  | 13.3          | 19.0           | 24.1          | 18.6           | 11.1          | 13.9                    |
| Level of institution                   |               |                |               |                |               |                         |
| Less-than-2-year                       | 27.9          | 29.1           | 21.2          | 9.1            | 4.7           | 8.0                     |
| 2-year                                 | 15.1          | 16.3           | 22.0          | 15.7           | 11.0          | 19.9                    |
| 4-year                                 | 10.4          | 21.4           | 26.4          | 22.2           | 11.7          | 7.9                     |
| More than one institution <sup>1</sup> | 16.4          | 16.7           | 25.4          | 17.2           | 9.3           | 15.0                    |
| Control of institution <sup>2</sup>    |               |                |               |                |               |                         |
| Public                                 | 12.5          | 17.4           | 23.8          | 19.1           | 11.8          | 15.5                    |
| Private, not-for-profit                | 14.0          | 25.6           | 26.7          | 18.3           | 9.1           | 6.3                     |
| Private, for-profit                    | 23.0          | 26.7           | 20.4          | 11.8           | 6.4           | 11.7                    |
| Institution type <sup>2</sup>          |               |                |               |                |               |                         |
| Public                                 |               |                |               |                |               |                         |
| Less-than-2-year                       | 33.3          | 31.8           | 19.2          | 5.7            | 3.6           | 6.5                     |
| 2-year                                 | 14.7          | 15.9           | 22.1          | 15.9           | 11.2          | 20.2                    |
| 4-year nondoctorate-granting           | 10.1          | 19.2           | 24.7          | 23.6           | 12.6          | 9.8                     |
| 4-year doctorate-granting              | 8.0           | 19.3           | 27.3          | 24.2           | 13.1          | 8.1                     |
| Private, not-for-profit                |               |                |               |                |               |                         |
| Less-than-4-year                       | 21.9          | 21.7           | 21.9          | 13.8           | 9.0           | 11.7                    |
| 4-year nondoctorate-granting           | 14.3          | 23.8           | 26.0          | 19.1           | 10.2          | 6.6                     |
| 4-year doctorate-granting              | 11.5          | 30.2           | 29.1          | 17.7           | 7.0           | 4.5                     |
| Private, for-profit                    | 23.0          | 26.7           | 20.4          | 11.8           | 6.4           | 11.7                    |
| Class level                            |               |                |               |                |               |                         |
| First-year beginning                   | 11.4          | 17.2           | 20.6          | 17.7           | 11.8          | 21.3                    |
| Other first year                       | 17.2          | 15.5           | 20.4          | 13.8           | 11.0          | 22.1                    |
| Second year                            | 9.9           | 20.6           | 26.4          | 22.3           | 13.5          | 7.4                     |
| Third year                             | 10.7          | 22.1           | 27.7          | 25.0           | 10.3          | 4.4                     |
| Fourth or fifth year                   | 10.4          | 25.3           | 31.6          | 23.3           | 7.9           | 1.4                     |
| Unclassified                           | 24.8          | 18.2           | 23.2          | 8.3            | 7.2           | 18.3                    |
| Attendance status                      |               |                |               |                |               |                         |
| Full-time, full-year                   | 9.5           | 21.8           | 29.0          | 22.4           | 11.5          | 5.9                     |
| Full-time, part-year                   | 11.3          | 16.9           | 20.0          | 14.3           | 11.3          | 26.2                    |
| Part-time, full-year                   | 14.4          | 19.8           | 24.2          | 20.5           | 11.6          | 9.6                     |
| Part-time, part-year                   | 19.4          | 14.7           | 18.5          | 12.8           | 9.8           | 24.9                    |
| Undergraduate program                  |               |                |               |                |               |                         |
| Certificate                            | 24.0          | 22.8           | 21.3          | 11.1           | 6.9           | 13.9                    |
| Associate's degree                     | 13.4          | 16.2           | 22.6          | 16.8           | 11.5          | 19.5                    |
| Bachelor's degree                      | 9.3           | 21.6           | 27.1          | 22.8           | 11.9          | 7.3                     |
| Nondegree program                      | 30.2          | 11.4           | 14.9          | 11.5           | 8.7           | 23.3                    |

**Table 3.3—Percentage distribution of undergraduates according to their undergraduate grade point average: 1995–96—Continued**

|  | Mostly<br>A's | A's and<br>B's | Mostly<br>B's | B's and<br>C's | Mostly<br>C's | C's and D's<br>or lower |
|--|---------------|----------------|---------------|----------------|---------------|-------------------------|
| <b>Gender</b>                              |               |                |               |                |               |                         |
| Male                                       | 10.8          | 15.7           | 23.7          | 20.9           | 12.8          | 16.2                    |
| Female                                     | 15.3          | 21.5           | 24.5          | 16.8           | 9.7           | 12.1                    |
| <b>Race–ethnicity</b>                      |               |                |               |                |               |                         |
| White, non-Hispanic                        | 15.2          | 20.8           | 24.7          | 17.5           | 9.7           | 12.1                    |
| Black, non-Hispanic                        | 8.3           | 12.1           | 20.4          | 21.9           | 17.0          | 20.5                    |
| Hispanic                                   | 7.7           | 13.8           | 24.5          | 21.3           | 12.8          | 19.9                    |
| Asian/Pacific Islander                     | 11.3          | 21.3           | 23.8          | 20.5           | 11.9          | 11.3                    |
| American Indian/Alaskan<br>Native          | 13.8          | 8.0            | 25.8          | 18.4           | 14.7          | 19.3                    |
| <b>Dependency status</b>                   |               |                |               |                |               |                         |
| Dependent                                  | 6.7           | 17.5           | 25.4          | 21.8           | 13.5          | 15.1                    |
| Independent                                | 19.9          | 20.4           | 22.9          | 15.4           | 8.7           | 12.7                    |
| No dependents, unmarried                   | 15.2          | 18.5           | 24.1          | 17.5           | 10.2          | 14.5                    |
| No dependents, married                     | 29.1          | 24.7           | 21.5          | 11.1           | 4.8           | 8.9                     |
| With dependents                            | 19.9          | 20.3           | 22.5          | 15.4           | 9.0           | 12.9                    |
| <b>Age as of 12/31/95</b>                  |               |                |               |                |               |                         |
| 18 years or younger                        | 7.6           | 16.0           | 22.1          | 20.2           | 12.7          | 21.5                    |
| 19–23 years                                | 7.0           | 17.8           | 25.8          | 21.7           | 13.7          | 14.1                    |
| 24–29 years                                | 13.6          | 17.4           | 24.5          | 20.2           | 11.2          | 13.2                    |
| 30–39 years                                | 23.3          | 22.1           | 24.6          | 12.5           | 6.6           | 10.9                    |
| 40 years or older                          | 29.8          | 24.6           | 18.5          | 10.3           | 5.2           | 11.6                    |
| <b>Dependency and income level in 1994</b> |               |                |               |                |               |                         |
| <b>Dependent</b>                           |               |                |               |                |               |                         |
| Less than \$20,000                         | 5.8           | 15.3           | 22.2          | 22.5           | 15.8          | 18.4                    |
| \$20,000–39,999                            | 6.2           | 18.3           | 25.0          | 21.3           | 14.8          | 14.4                    |
| \$40,000–59,999                            | 6.9           | 17.1           | 25.9          | 21.4           | 13.4          | 15.3                    |
| \$60,000–79,999                            | 7.2           | 16.2           | 27.9          | 23.7           | 10.8          | 14.2                    |
| \$80,000–99,999                            | 7.3           | 21.1           | 25.0          | 21.2           | 11.9          | 13.5                    |
| \$100,000 or more                          | 8.0           | 20.2           | 27.1          | 19.9           | 12.0          | 12.9                    |
| <b>Independent</b>                         |               |                |               |                |               |                         |
| Less than \$10,000                         | 12.2          | 17.5           | 24.3          | 18.1           | 12.0          | 16.0                    |
| \$10,000–19,999                            | 15.8          | 19.7           | 23.1          | 18.1           | 9.7           | 13.6                    |
| \$20,000–29,999                            | 22.1          | 19.3           | 23.4          | 15.8           | 6.9           | 12.5                    |
| \$30,000–49,999                            | 26.3          | 23.8           | 22.9          | 11.4           | 7.2           | 8.4                     |
| \$50,000 or more                           | 31.3          | 24.7           | 18.9          | 10.1           | 4.5           | 10.6                    |
| <b>Marital status</b>                      |               |                |               |                |               |                         |
| Not married                                | 9.6           | 17.4           | 25.1          | 20.3           | 12.5          | 15.2                    |
| Married                                    | 27.4          | 24.3           | 21.0          | 12.2           | 6.2           | 9.0                     |
| Separated                                  | 12.8          | 26.3           | 20.3          | 18.8           | 8.1           | 13.7                    |

**Table 3.3—Percentage distribution of undergraduates according to their undergraduate grade point average: 1995–96—Continued**

|  | Mostly<br>A's | A's and<br>B's | Mostly<br>B's | B's and<br>C's | Mostly<br>C's | C's and D's<br>or lower |
|--|---------------|----------------|---------------|----------------|---------------|-------------------------|
| Single parent                          |               |                |               |                |               |                         |
| No                                     | 13.3          | 19.3           | 24.1          | 18.8           | 11.1          | 13.5                    |
| Yes                                    | 13.9          | 16.5           | 24.4          | 17.1           | 11.2          | 17.0                    |
| Number of dependents                   |               |                |               |                |               |                         |
| None                                   | 11.3          | 18.6           | 24.7          | 19.6           | 11.7          | 14.2                    |
| One or more                            | 19.9          | 20.3           | 22.5          | 15.4           | 9.0           | 12.9                    |
| Parents' education <sup>3</sup>        |               |                |               |                |               |                         |
| Less than high school diploma          | 16.6          | 20.5           | 19.8          | 20.3           | 11.8          | 11.1                    |
| High school diploma or equivalent      | 16.5          | 19.8           | 23.7          | 18.9           | 10.1          | 11.0                    |
| Some postsecondary education           | 11.6          | 16.6           | 21.4          | 21.2           | 13.8          | 15.3                    |
| Bachelor's degree or higher            | 13.0          | 19.9           | 25.9          | 19.4           | 10.6          | 11.3                    |
| Disability status                      |               |                |               |                |               |                         |
| No                                     | 14.6          | 19.0           | 23.6          | 19.3           | 11.3          | 12.3                    |
| Yes                                    | 11.8          | 17.3           | 25.5          | 22.6           | 9.8           | 13.1                    |
| Primary role if working while enrolled |               |                |               |                |               |                         |
| Student working to meet expenses       | 9.4           | 18.6           | 25.1          | 22.8           | 13.5          | 10.7                    |
| Employee enrolled in school            | 21.9          | 19.1           | 21.4          | 14.2           | 7.4           | 16.0                    |
| Average hours worked while enrolled    |               |                |               |                |               |                         |
| Did not work                           | 16.5          | 21.7           | 23.8          | 18.3           | 9.7           | 10.0                    |
| 1–15 hours                             | 12.0          | 25.3           | 24.3          | 20.9           | 10.0          | 7.5                     |
| 16–20 hours                            | 12.3          | 17.8           | 25.7          | 20.4           | 12.3          | 11.5                    |
| 21–34 hours                            | 9.8           | 15.6           | 23.9          | 21.7           | 16.7          | 12.4                    |
| 35 hours or more                       | 16.9          | 17.0           | 23.0          | 17.9           | 9.5           | 15.7                    |
| Total federal grant aid                |               |                |               |                |               |                         |
| None                                   | 14.6          | 19.0           | 24.1          | 17.6           | 10.6          | 14.1                    |
| \$1–1,499                              | 9.4           | 17.4           | 23.3          | 20.6           | 11.3          | 18.1                    |
| \$1,500 or more                        | 8.3           | 20.3           | 25.4          | 23.3           | 13.8          | 9.0                     |
| Total federal loans                    |               |                |               |                |               |                         |
| None                                   | 14.8          | 18.4           | 23.1          | 17.3           | 10.7          | 15.8                    |
| \$1–1,499                              | 9.6           | 18.1           | 18.4          | 21.8           | 13.3          | 18.8                    |
| \$1,500 or more                        | 9.1           | 20.9           | 28.1          | 22.5           | 12.1          | 7.3                     |

<sup>1</sup>Column classifications refer to NPSAS institution.

<sup>2</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>3</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

## **SECTION 4: STUDENT CHARACTERISTICS**

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### **GENDER**

- Consistent with trends over the last two decades, in 1995-96, a higher proportion of students enrolled in postsecondary education were women than men (57 percent versus 43 percent, respectively). Among undergraduates enrolled in 2-year institutions, a higher proportion were women (58 percent) than among those enrolled in 4-year institutions (55 percent; table 4.1).
- Undergraduates 40 and older were more likely to be women, compared with undergraduates under 30. In fact, about two-thirds (65 percent) of undergraduates age 40 or older were women. Similarly, 61 percent of independent students (most of whom are 24 or older) were women, compared with 53 percent of dependent undergraduates (table 4.1).
- Respondents who were independent and married or independent with dependents were more likely to be women than those who were dependent (67 percent versus 53 percent; table 4.1).

### **RACE-ETHNICITY**

- Approximately 30 percent of 1995-96 undergraduates identified themselves as non-white. About 12 percent of undergraduates were black, non-Hispanic; 10 percent were Hispanic; 6 percent were Asian/Pacific Islander; and about 1 percent were American Indian/Alaskan Native (table 4.2).
- Students attending less-than-2-year institutions were much more likely to be black, non-Hispanic than students attending 2- or 4-year institutions (23 percent versus 13 and 10 percent, respectively; table 4.2).

### **AGE (AS OF 12/31/95)**

- A little under half of 1995-96 undergraduates (45 percent) were between the ages of 19 and 23. Fifteen percent were 30-39 years old, 12 percent were 40 or older, and the remainder were 18 or younger (table 4.3).

- In keeping with the family and work responsibilities associated with being older or with the need to obtain occupationally specific training for older students, undergraduates in institutions with short-term program offerings (i.e., those in 2-year and less-than-2-year institutions) were much more likely to be 40 or older (17 percent in either program) than those enrolled in 4-year institutions (7 percent were age 40 or older). Furthermore, about 19 percent of students enrolled in 2-year institutions and 24 percent in less-than-2-year institutions were 30-39, compared with 10 percent of those enrolled in 4-year colleges (table 4.3).
- Similarly, a much higher proportion of students pursuing vocational certificates and associate's degrees were older than that of students pursuing bachelor's degrees. About 21 percent of undergraduates enrolled in certificate programs and 14 percent of those earning an associate's degree were 40 or over, compared with 6 percent of those pursuing a bachelor's degree (table 4.3).
- Racial-ethnic group differences were also apparent relative to age. For example, 18 percent of black, non-Hispanic undergraduates were 30-39 years old, compared with 12 percent of their Asian/Pacific Islander and 15 percent of their white, non-Hispanic counterparts. Also, 52 percent of Asian/Pacific Islanders were 19-23 years old, compared with 40 percent of black, non-Hispanics and 45 percent of white, non-Hispanics (table 4.3).

## DEPENDENCY STATUS

- Students attending 4-year institutions were more likely to be dependent than students enrolled in less-than-4-year institutions. Sixty-three percent of students enrolled in 4-year institutions were dependents, compared with 38 percent in 2-year and 24 percent in less-than-2-year institutions (table 4.4).
- Independent students who had dependents accounted for about 47 percent of undergraduates attending less-than-2-year institutions, a much higher proportion than that of students enrolled in 2-year (32 percent) or 4-year (15 percent) institutions (table 4.4).

## INCOME

- Students enrolling in private, not-for-profit 4-year doctorate-granting institutions were more likely to be dependents in families with incomes of \$80,000 a year or more than students in other types of institutions. For example, 15 percent of undergraduates enrolled in private, not-for-profit 4-year doctorate-granting institutions were dependents in families with incomes of more than \$100,000 a year, compared with 10 percent of students enrolled in public 4-year doctorate-granting institutions (table 4.5a).

- Students attending private, for-profit institutions were much more likely to be from low-income families than students attending other institutions. About one-third (34 percent) of dependent students enrolled in private, for-profit institutions were from families with incomes under \$20,000, compared with 18 percent of students attending public institutions and private, not-for-profit institutions (table 4.5b).
- Among dependent undergraduates,<sup>34</sup> white, non-Hispanic students were about one-third as likely as students from any other racial-ethnic group to be from a family with an annual income under \$20,000. About 12 percent of whites came from these families, compared with 40 percent of black, non-Hispanics, 29 percent of Asian/Pacific Islanders, 37 percent of American Indian/Alaskan Natives, and 38 percent of Hispanics (table 4.5b).
- Among independent undergraduates,<sup>35</sup> single parents were particularly likely to have low incomes. About 42 percent of single parents earned less than \$5,000, compared with 26 percent of other independent students (table 4.5c).

## MARITAL STATUS

- About one in five (21 percent) of 1995-96 undergraduates were married (table 4.6).
- Undergraduates in 2-year or less-than-2-year institutions, who are more likely to be older (table 4.3), were also more likely to be married than students enrolled in 4-year colleges or universities (26 and 29 percent, respectively, versus 15 percent; table 4.6).

## SINGLE PARENTS

- Eleven percent of all 1996 undergraduates were single parents (table 4.7).
- Black, non-Hispanics were more likely than members of most other racial-ethnic groups to be single parents.<sup>36</sup> About 24 percent of black, non-Hispanic students were single parents, compared with 9 percent of white, non-Hispanics, 15 percent of Hispanics, and 6 percent of Asian/Pacific Islanders (table 4.7).

## HIGH SCHOOL COMPLETION

- About 5 percent of 1996 undergraduates completed high school by passing the General Educational Development (GED) exam (table 4.8).

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<sup>34</sup>See glossary entry DEPEND4 for a definition of the terms *dependent* and *independents*.

<sup>35</sup>Ibid.

<sup>36</sup>There is a small sample size of American Indian/Alaskan Natives resulting in large standard errors for this group, and there were no statistically significant differences between the proportions of American Indian and black, non-Hispanic single parents.

- Students enrolled in private, for-profit institutions were more likely to have completed a GED than undergraduates enrolled elsewhere. About 14 percent of undergraduates enrolled in private, for-profit institutions passed the GED, compared with 5 percent in public institutions and 4 percent in private, not-for-profit institutions (table 4.8).

## **LOCAL RESIDENCY**

- In 1995-96, undergraduates were much more likely to reside off campus, but not with family members (61 percent), than to live on campus (14 percent) or with parents or relatives (25 percent; table 4.9).
- Consistent with the higher proportion of students aged 23 or younger attending private, not-for-profit 4-year institutions (table 2.3) and the higher likelihood of younger students to be living on campus, undergraduates in private, not-for-profit 4-year institutions were much more likely to live on campus than students attending other types of institutions. For instance, about 39 percent of undergraduates in private, not-for-profit 4-year doctorate-granting institutions lived on campus, compared with 24 percent of undergraduates in public 4-year doctorate-granting institutions (table 4.9).

## **CITIZENSHIP**

- In 1995-96, 5 percent of undergraduates were not U.S. citizens, although most noncitizens (4 percent of undergraduates) were eligible for financial aid (table 4.10).
- About one-third of Asian/Pacific Islander undergraduates were noncitizens; 27 percent were eligible for financial aid and 7 percent were not. By comparison, among Hispanics, 11 percent were eligible noncitizens and less than 1 percent were non-eligible noncitizens (table 4.10).

**Table 4.1—Percentage distribution of undergraduates according to gender: 1995–96**

|                               | Male | Female |
|-------------------------------|------|--------|
| Total                         | 43.2 | 56.9   |
| Level of institution          |      |        |
| Less-than-2-year              | 37.3 | 62.7   |
| 2-year                        | 42.3 | 57.7   |
| 4-year                        | 45.2 | 54.8   |
| More than one institution     | 37.6 | 62.4   |
| Control of institution*       |      |        |
| Public                        | 43.9 | 56.1   |
| Private, not-for-profit       | 43.4 | 56.6   |
| Private, for-profit           | 37.1 | 62.9   |
| Institution type*             |      |        |
| Public                        |      |        |
| Less-than-2-year              | 45.8 | 54.2   |
| 2-year                        | 42.4 | 57.6   |
| 4-year nondoctorate-granting  | 41.9 | 58.1   |
| 4-year doctorate-granting     | 48.7 | 51.3   |
| Private, not-for-profit       |      |        |
| Less-than-4-year              | 46.5 | 53.5   |
| 4-year nondoctorate-granting  | 40.9 | 59.1   |
| 4-year doctorate-granting     | 47.6 | 52.4   |
| Private, for-profit           | 37.1 | 62.9   |
| Class level                   |      |        |
| First-year beginning          | 45.5 | 54.5   |
| Other first year              | 43.6 | 56.4   |
| Second year                   | 39.2 | 60.8   |
| Third year                    | 45.4 | 54.6   |
| Fourth or fifth year          | 44.7 | 55.3   |
| Unclassified                  | 41.1 | 58.9   |
| Attendance intensity          |      |        |
| Exclusively full-time         | 45.6 | 54.4   |
| Mixed full-time and part-time | 43.6 | 56.5   |
| Exclusively part-time         | 40.3 | 59.7   |
| Attendance status             |      |        |
| Full-time, full-year          | 45.1 | 54.9   |
| Full-time, part-year          | 45.4 | 54.6   |
| Part-time, full-year          | 39.4 | 60.6   |
| Part-time, part-year          | 42.8 | 57.2   |

**Table 4.1—Percentage distribution of undergraduates according to gender: 1995–96—Continued**

|                                     | Male | Female |
|-------------------------------------|------|--------|
| Undergraduate program               |      |        |
| Certificate                         | 39.3 | 60.7   |
| Associate's degree                  | 42.1 | 57.9   |
| Bachelor's degree                   | 45.2 | 54.8   |
| Nondegree program                   | 45.1 | 54.9   |
| Race–ethnicity                      |      |        |
| White, non-Hispanic                 | 43.9 | 56.1   |
| Black, non-Hispanic                 | 36.8 | 63.2   |
| Hispanic                            | 43.1 | 56.9   |
| Asian/Pacific Islander              | 48.3 | 51.7   |
| American Indian/Alaskan Native      | 35.0 | 65.0   |
| Dependency status                   |      |        |
| Dependent                           | 47.4 | 52.6   |
| Independent                         | 39.1 | 60.9   |
| No dependents, unmarried            | 50.1 | 49.9   |
| No dependents, married              | 33.0 | 67.0   |
| With dependents                     | 33.4 | 66.6   |
| Age as of 12/31/95                  |      |        |
| 18 years or younger                 | 41.9 | 58.1   |
| 19–23 years                         | 46.4 | 53.6   |
| 24–29 years                         | 45.0 | 55.0   |
| 30–39 years                         | 38.5 | 61.5   |
| 40 years or older                   | 35.1 | 65.0   |
| Dependency and income level in 1994 |      |        |
| Dependent                           |      |        |
| Less than \$20,000                  | 46.4 | 53.6   |
| \$20,000–39,999                     | 44.8 | 55.2   |
| \$40,000–59,999                     | 47.7 | 52.3   |
| \$60,000–79,999                     | 48.9 | 51.1   |
| \$80,000–99,999                     | 48.0 | 52.0   |
| \$100,000 or more                   | 50.7 | 49.3   |
| Independent                         |      |        |
| Less than \$10,000                  | 37.9 | 62.1   |
| \$10,000–19,999                     | 39.9 | 60.1   |
| \$20,000–29,999                     | 40.2 | 59.8   |
| \$30,000–49,999                     | 39.3 | 60.8   |
| \$50,000 or more                    | 38.7 | 61.3   |
| Marital status                      |      |        |
| Not married                         | 45.2 | 54.8   |
| Married                             | 37.7 | 62.3   |
| Separated                           | 21.6 | 78.4   |

**Table 4.1—Percentage distribution of undergraduates according to gender: 1995–96—Continued**

|  | Male | Female |
|--|------|--------|
| Single parent                          |      |        |
| No                                     | 45.1 | 54.9   |
| Yes                                    | 27.1 | 72.9   |
| Number of dependents                   |      |        |
| None                                   | 46.3 | 53.7   |
| One or more                            | 33.4 | 66.6   |
| Parents' education                     |      |        |
| Less than high school diploma          | 35.1 | 64.9   |
| High school diploma or equivalent      | 41.5 | 58.5   |
| Some postsecondary education           | 43.4 | 56.6   |
| Bachelor's degree or higher            | 49.1 | 50.9   |
| Disability status                      |      |        |
| No                                     | 43.7 | 56.3   |
| Yes                                    | 50.0 | 50.0   |
| Primary role if working while enrolled |      |        |
| Student working to meet expenses       | 46.0 | 54.0   |
| Employee enrolled in school            | 43.0 | 57.0   |
| Average hours worked while enrolled    |      |        |
| Did not work                           | 40.7 | 59.3   |
| 1–15 hours                             | 45.8 | 54.2   |
| 16–20 hours                            | 37.6 | 62.4   |
| 21–34 hours                            | 42.7 | 57.3   |
| 35 hours or more                       | 47.1 | 52.9   |

\*Category for "more than one institution" is shown only under "level of institution." The distributions are identical.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 4.2—Percentage distribution of undergraduates according to racial–ethnic group: 1995–96**

|                                     | White,<br>non-<br>Hispanic | Black,<br>non-<br>Hispanic | Hispanic | Asian/<br>Pacific<br>Islander | American<br>Indian/<br>Alaskan<br>Native |
|-------------------------------------|----------------------------|----------------------------|----------|-------------------------------|--|
| Total                               | 70.5                       | 12.3                       | 10.4     | 5.8                           | 1.0                                      |
| Level of institution                |                            |                            |          |                               |  |
| Less-than-2-year                    | 52.0                       | 23.1                       | 19.3     | 4.8                           | 0.9                                      |
| 2-year                              | 69.4                       | 13.0                       | 11.5     | 4.8                           | 1.3                                      |
| 4-year                              | 73.9                       | 10.3                       | 8.1      | 6.9                           | 0.8                                      |
| More than one institution           | 65.6                       | 13.9                       | 13.4     | 6.5                           | 0.7                                      |
| Control of institution <sup>1</sup> |                            |                            |          |                               |  |
| Public                              | 71.9                       | 11.6                       | 9.8      | 5.6                           | 1.1                                      |
| Private, not-for-profit             | 70.3                       | 12.3                       | 9.7      | 7.0                           | 0.7                                      |
| Private, for-profit                 | 56.0                       | 19.7                       | 18.6     | 4.9                           | 0.7                                      |
| Institution type <sup>1</sup>       |                            |                            |          |                               |  |
| Public                              |                            |                            |          |                               |  |
| Less-than-2-year                    | 55.1                       | 23.8                       | 16.2     | 4.2                           | 0.7                                      |
| 2-year                              | 69.7                       | 12.9                       | 11.4     | 4.8                           | 1.2                                      |
| 4-year nondoctorate-granting        | 77.2                       | 9.8                        | 7.5      | 4.6                           | 0.9                                      |
| 4-year doctorate-granting           | 74.7                       | 9.1                        | 7.0      | 8.4                           | 0.9                                      |
| Private, not-for-profit             |                            |                            |          |                               |  |
| Less-than-4-year                    | 66.4                       | 12.4                       | 10.4     | 7.1                           | 3.7                                      |
| 4-year nondoctorate-granting        | 70.3                       | 14.0                       | 10.6     | 4.7                           | 0.5                                      |
| 4-year doctorate-granting           | 71.5                       | 8.9                        | 7.4      | 11.8                          | 0.4                                      |
| Private, for-profit                 | 56.0                       | 19.7                       | 18.6     | 4.9                           | 0.7                                      |
| Class level                         |                            |                            |          |                               |  |
| First-year beginning                | 70.1                       | 12.7                       | 11.4     | 5.0                           | 0.8                                      |
| Other first year                    | 68.2                       | 14.0                       | 11.1     | 5.4                           | 1.3                                      |
| Second year                         | 70.7                       | 11.8                       | 11.2     | 5.5                           | 0.9                                      |
| Third year                          | 74.8                       | 9.4                        | 7.7      | 7.4                           | 0.8                                      |
| Fourth or fifth year                | 76.0                       | 8.3                        | 7.8      | 7.2                           | 0.7                                      |
| Unclassified                        | 63.4                       | 17.8                       | 11.2     | 6.7                           | 1.0                                      |
| Attendance intensity                |                            |                            |          |                               |  |
| Exclusively full-time               | 70.6                       | 11.9                       | 10.2     | 6.4                           | 1.0                                      |
| Mixed full-time and part-time       | 70.0                       | 12.4                       | 9.9      | 6.7                           | 1.0                                      |
| Exclusively part-time               | 71.4                       | 12.5                       | 10.5     | 4.7                           | 1.0                                      |
| Attendance status                   |                            |                            |          |                               |  |
| Full-time, full-year                | 72.1                       | 10.8                       | 9.4      | 6.8                           | 0.9                                      |
| Full-time, part-year                | 66.1                       | 15.4                       | 11.7     | 5.9                           | 1.0                                      |
| Part-time, full-year                | 69.0                       | 13.0                       | 11.4     | 5.6                           | 1.1                                      |
| Part-time, part-year                | 72.1                       | 12.2                       | 10.3     | 4.4                           | 1.0                                      |

**Table 4.2—Percentage distribution of undergraduates according to racial-ethnic group: 1995–96**  
—Continued

|  | White,<br>non-<br>Hispanic | Black,<br>non-<br>Hispanic | Hispanic | Asian/<br>Pacific<br>Islander | American<br>Indian/<br>Alaskan<br>Native |
|--|----------------------------|----------------------------|----------|-------------------------------|--|
| <b>Undergraduate program</b>               |                            |                            |          |                               |  |
| Certificate                                | 60.3                       | 19.5                       | 13.9     | 5.2                           | 1.1                                      |
| Associate's degree                         | 69.9                       | 12.4                       | 11.7     | 4.8                           | 1.2                                      |
| Bachelor's degree                          | 73.5                       | 10.4                       | 8.2      | 7.1                           | 0.7                                      |
| Nondegree program                          | 77.1                       | 7.5                        | 8.0      | 6.2                           | 1.2                                      |
| <b>Gender</b>                              |                            |                            |          |                               |  |
| Male                                       | 71.8                       | 10.5                       | 10.4     | 6.5                           | 0.8                                      |
| Female                                     | 69.6                       | 13.6                       | 10.4     | 5.3                           | 1.1                                      |
| <b>Dependency status</b>                   |                            |                            |          |                               |  |
| Dependent                                  | 72.4                       | 9.7                        | 10.2     | 6.9                           | 0.8                                      |
| Independent                                | 68.7                       | 14.8                       | 10.6     | 4.8                           | 1.2                                      |
| No dependents, unmarried                   | 69.9                       | 13.0                       | 9.5      | 6.7                           | 0.9                                      |
| No dependents, married                     | 81.8                       | 5.9                        | 6.3      | 5.2                           | 0.8                                      |
| With dependents                            | 63.1                       | 19.2                       | 12.9     | 3.4                           | 1.5                                      |
| <b>Age as of 12/31/95</b>                  |                            |                            |          |                               |  |
| 18 years or younger                        | 71.2                       | 11.0                       | 11.8     | 5.4                           | 0.6                                      |
| 19–23 years                                | 70.9                       | 11.0                       | 10.5     | 6.7                           | 0.9                                      |
| 24–29 years                                | 66.3                       | 13.9                       | 12.3     | 6.3                           | 1.2                                      |
| 30–39 years                                | 69.3                       | 14.9                       | 9.9      | 4.5                           | 1.4                                      |
| 40 years or older                          | 76.3                       | 12.4                       | 6.7      | 3.8                           | 0.7                                      |
| <b>Dependency and income level in 1994</b> |                            |                            |          |                               |  |
| <b>Dependent</b>                           |                            |                            |          |                               |  |
| Less than \$20,000                         | 46.5                       | 20.5                       | 20.7     | 10.7                          | 1.6                                      |
| \$20,000–39,999                            | 66.5                       | 11.9                       | 13.1     | 7.6                           | 0.9                                      |
| \$40,000–59,999                            | 81.0                       | 7.0                        | 6.3      | 5.0                           | 0.7                                      |
| \$60,000–79,999                            | 83.4                       | 4.2                        | 6.5      | 5.2                           | 0.7                                      |
| \$80,000–99,999                            | 83.3                       | 5.8                        | 5.3      | 5.3                           | 0.3                                      |
| \$100,000 or more                          | 86.6                       | 3.1                        | 3.7      | 6.5                           | 0.2                                      |
| <b>Independent</b>                         |                            |                            |          |                               |  |
| Less than \$10,000                         | 59.5                       | 20.3                       | 12.9     | 5.8                           | 1.5                                      |
| \$10,000–19,999                            | 66.9                       | 16.3                       | 12.0     | 3.9                           | 0.9                                      |
| \$20,000–29,999                            | 72.9                       | 12.2                       | 10.0     | 4.0                           | 1.0                                      |
| \$30,000–49,999                            | 75.1                       | 10.6                       | 8.0      | 5.0                           | 1.3                                      |
| \$50,000 or more                           | 77.6                       | 9.2                        | 7.5      | 5.0                           | 0.8                                      |
| <b>Marital status</b>                      |                            |                            |          |                               |  |
| Not married                                | 69.4                       | 12.8                       | 10.6     | 6.3                           | 0.9                                      |
| Married                                    | 75.9                       | 9.4                        | 9.2      | 4.4                           | 1.2                                      |
| Separated                                  | 58.1                       | 22.9                       | 16.2     | 1.6                           | 1.2                                      |

**Table 4.2—Percentage distribution of undergraduates according to racial-ethnic group: 1995–96**  
—Continued

|   | White,<br>non-<br>Hispanic | Black,<br>non-<br>Hispanic | Hispanic | Asian/<br>Pacific<br>Islander | American<br>Indian/<br>Alaskan<br>Native |
|---|----------------------------|----------------------------|----------|-------------------------------|--|
| Single parent                                       |                            |                            |          |                               |  |
| No  | 72.5                       | 10.5                       | 9.9      | 6.2                           | 0.9                                      |
| Yes   | 54.9                       | 26.5                       | 14.1     | 3.1                           | 1.4                                      |
| Number of dependents                                |                            |                            |          |                               |  |
| None  | 72.9                       | 10.0                       | 9.6      | 6.7                           | 0.8                                      |
| One or more   | 63.1                       | 19.2                       | 12.9     | 3.4                           | 1.5                                      |
| Parents' education                                  |                            |                            |          |                               |  |
| Less than high school diploma                       | 44.2                       | 13.4                       | 30.4     | 10.9                          | 1.2                                      |
| High school diploma or equivalent                   | 70.6                       | 14.6                       | 10.7     | 3.1                           | 1.1                                      |
| Some postsecondary education                        | 77.5                       | 11.2                       | 7.8      | 2.7                           | 0.9                                      |
| Bachelor's degree or higher                         | 79.4                       | 7.7                        | 4.7      | 7.7                           | 0.6                                      |
| Disability status <sup>2</sup>                      |                            |                            |          |                               |  |
| No  | 71.4                       | 11.9                       | 10.5     | 5.4                           | 0.8                                      |
| Yes   | 81.2                       | 7.1                        | 7.7      | 1.8                           | 2.1                                      |
| Primary role if working while enrolled <sup>2</sup> |                            |                            |          |                               |  |
| Student working to meet expenses                    | 73.3                       | 11.0                       | 9.7      | 5.6                           | 0.5                                      |
| Employee enrolled in school                         | 72.4                       | 14.1                       | 9.5      | 2.8                           | 1.3                                      |
| Average hours worked while enrolled                 |                            |                            |          |                               |  |
| Did not work  | 69.6                       | 11.0                       | 9.6      | 8.6                           | 1.3                                      |
| 1–15 hours  | 72.4                       | 9.4                        | 8.6      | 8.9                           | 0.8                                      |
| 16–20 hours   | 72.4                       | 10.4                       | 11.4     | 5.3                           | 0.5                                      |
| 21–34 hours   | 75.3                       | 10.7                       | 8.8      | 3.7                           | 1.5                                      |
| 35 hours or more                                    | 71.2                       | 13.7                       | 11.9     | 2.7                           | 0.5                                      |

<sup>1</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>2</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as “primary role,” which includes only working students.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 4.3—Percentage distribution of undergraduates according to age, and average age (as of 12/31/95): 1995–96**

|                                     | 18 years<br>or younger | 19–23 | 24–29 | 30–39 | 40 or<br>older | Average<br>age |
|-------------------------------------|------------------------|-------|-------|-------|----------------|----------------|
| Total                               | 9.6                    | 45.1  | 18.3  | 15.0  | 12.1           | 26.6           |
| Level of institution                |                        |       |       |       |                |                |
| Less-than-2-year                    | 7.2                    | 30.9  | 20.2  | 24.4  | 17.4           | 29.5           |
| 2-year                              | 8.3                    | 35.0  | 21.3  | 18.7  | 16.8           | 28.7           |
| 4-year                              | 11.3                   | 55.8  | 15.3  | 10.4  | 7.2            | 24.4           |
| More than one institution           | 8.0                    | 54.0  | 15.8  | 14.6  | 7.6            | 25.0           |
| Control of institution <sup>1</sup> |                        |       |       |       |                |                |
| Public                              | 9.2                    | 43.4  | 19.3  | 15.1  | 13.0           | 27.0           |
| Private, not-for-profit             | 12.5                   | 53.3  | 12.8  | 12.5  | 8.9            | 24.9           |
| Private, for-profit                 | 7.8                    | 36.7  | 21.8  | 21.1  | 12.5           | 27.7           |
| Institution type <sup>1</sup>       |                        |       |       |       |                |                |
| Public                              |                        |       |       |       |                |                |
| Less-than-2-year                    | 4.8                    | 25.7  | 19.2  | 29.3  | 21.0           | 31.1           |
| 2-year                              | 8.3                    | 34.7  | 21.1  | 18.7  | 17.3           | 28.8           |
| 4-year nondoctorate-granting        | 9.4                    | 50.3  | 19.4  | 11.7  | 9.2            | 25.4           |
| 4-year doctorate-granting           | 11.5                   | 61.0  | 14.9  | 8.0   | 4.6            | 23.4           |
| Private, not-for-profit             |                        |       |       |       |                |                |
| Less-than-4-year                    | 6.2                    | 33.9  | 22.3  | 21.9  | 15.6           | 28.8           |
| 4-year nondoctorate-granting        | 12.3                   | 52.7  | 12.2  | 13.2  | 9.6            | 25.2           |
| 4-year doctorate-granting           | 14.5                   | 60.0  | 11.5  | 8.4   | 5.6            | 23.3           |
| Private, for-profit                 | 7.8                    | 36.7  | 21.8  | 21.1  | 12.5           | 27.7           |
| Class level                         |                        |       |       |       |                |                |
| First-year beginning                | 46.8                   | 35.2  | 7.1   | 6.4   | 4.5            | 21.6           |
| Other first year                    | 6.1                    | 38.7  | 20.2  | 18.3  | 16.7           | 28.5           |
| Second year                         | 0.4                    | 51.2  | 19.6  | 16.8  | 12.1           | 27.1           |
| Third year                          | 0.2                    | 65.8  | 15.5  | 11.3  | 7.2            | 24.9           |
| Fourth or fifth year                | 0.0                    | 53.1  | 25.3  | 13.0  | 8.6            | 26.5           |
| Unclassified                        | 0.3                    | 26.3  | 23.6  | 25.6  | 24.3           | 32.1           |
| Attendance intensity                |                        |       |       |       |                |                |
| Exclusively full-time               | 15.3                   | 59.0  | 12.6  | 8.2   | 4.9            | 23.1           |
| Mixed full-time and part-time       | 7.6                    | 52.0  | 19.8  | 12.1  | 8.5            | 25.4           |
| Exclusively part-time               | 3.5                    | 24.3  | 24.6  | 25.0  | 22.6           | 31.5           |
| Attendance status                   |                        |       |       |       |                |                |
| Full-time, full-year                | 16.1                   | 63.0  | 10.9  | 6.2   | 3.8            | 22.4           |
| Full-time, part-year                | 8.9                    | 50.1  | 18.9  | 14.2  | 7.9            | 25.3           |
| Part-time, full-year                | 5.4                    | 32.4  | 23.3  | 20.9  | 18.1           | 29.6           |
| Part-time, part-year                | 3.9                    | 27.1  | 24.6  | 23.5  | 20.9           | 30.8           |

**Table 4.3—Percentage distribution of undergraduates according to age, and average age (as of 12/31/95):  
1995–96—Continued**

|  | 18 years<br>or younger | 19–23 | 24–29 | 30–39 | 40 or<br>older | Average<br>age |
|--|------------------------|-------|-------|-------|----------------|----------------|
| <b>Undergraduate program</b>               |                        |       |       |       |                |                |
| Certificate                                | 6.2                    | 29.0  | 23.0  | 21.1  | 20.7           | 30.3           |
| Associate's degree                         | 9.0                    | 38.5  | 20.2  | 18.3  | 14.0           | 27.8           |
| Bachelor's degree                          | 11.6                   | 58.1  | 15.0  | 9.3   | 6.1            | 23.9           |
| Nondegree program                          | 5.3                    | 25.7  | 18.1  | 21.6  | 29.3           | 32.2           |
| <b>Gender</b>                              |                        |       |       |       |                |                |
| Male                                       | 9.3                    | 48.4  | 19.1  | 13.4  | 9.8            | 25.8           |
| Female                                     | 9.8                    | 42.5  | 17.7  | 16.2  | 13.8           | 27.2           |
| <b>Race—ethnicity</b>                      |                        |       |       |       |                |                |
| White, non-Hispanic                        | 9.7                    | 45.3  | 17.2  | 14.8  | 13.1           | 26.8           |
| Black, non-Hispanic                        | 8.6                    | 40.3  | 20.7  | 18.3  | 12.2           | 27.2           |
| Hispanic                                   | 10.9                   | 45.5  | 21.6  | 14.3  | 7.8            | 25.3           |
| Asian/Pacific Islander                     | 8.9                    | 51.8  | 19.8  | 11.6  | 7.9            | 25.3           |
| American Indian/Alaskan Native             | 6.0                    | 40.7  | 22.8  | 21.7  | 8.9            | 27.3           |
| <b>Dependency status</b>                   |                        |       |       |       |                |                |
| Dependent                                  | 18.7                   | 81.3  | †     | †     | †              | 20.1           |
| Independent                                | 0.7                    | 10.1  | 36.0  | 29.5  | 23.7           | 32.9           |
| No dependents, unmarried                   | 0.4                    | 5.8   | 54.2  | 23.6  | 16.0           | 31.1           |
| No dependents, married                     | 0.6                    | 12.1  | 26.9  | 27.7  | 32.8           | 35.4           |
| With dependents                            | 1.0                    | 12.4  | 26.2  | 34.4  | 26.0           | 33.4           |
| <b>Dependency and income level in 1994</b> |                        |       |       |       |                |                |
| <b>Dependent</b>                           |                        |       |       |       |                |                |
| Less than \$20,000                         | 16.8                   | 83.2  | †     | †     | †              | 20.2           |
| \$20,000–39,999                            | 18.7                   | 81.3  | †     | †     | †              | 20.1           |
| \$40,000–59,999                            | 20.9                   | 79.1  | †     | †     | †              | 20.0           |
| \$60,000–79,999                            | 18.0                   | 82.0  | †     | †     | †              | 20.1           |
| \$80,000–99,999                            | 17.9                   | 82.1  | †     | †     | †              | 20.1           |
| \$100,000 or more                          | 19.5                   | 80.5  | †     | †     | †              | 20.1           |
| <b>Independent</b>                         |                        |       |       |       |                |                |
| Less than \$10,000                         | 2.2                    | 20.5  | 43.8  | 21.4  | 12.2           | 29.1           |
| \$10,000–19,999                            | 0.3                    | 11.3  | 43.7  | 24.4  | 20.3           | 31.8           |
| \$20,000–29,999                            | 0.1                    | 6.5   | 40.7  | 31.7  | 21.0           | 32.7           |
| \$30,000–49,999                            | 0.0                    | 2.1   | 28.1  | 39.2  | 30.7           | 35.7           |
| \$50,000 or more                           | 0.1                    | 0.7   | 12.1  | 39.9  | 47.3           | 39.5           |
| <b>Marital status</b>                      |                        |       |       |       |                |                |
| Not married                                | 12.3                   | 55.7  | 16.4  | 9.4   | 6.2            | 24.1           |
| Married                                    | 0.5                    | 9.3   | 23.9  | 33.8  | 32.6           | 35.4           |
| Separated                                  | 0.3                    | 10.0  | 31.8  | 35.4  | 22.5           | 33.6           |

**Table 4.3—Percentage distribution of undergraduates according to age, and average age (as of 12/31/95):  
1995–96—Continued**

|   | 18 years<br>or younger | 19–23 | 24–29 | 30–39 | 40 or<br>older | Average<br>age |
|---|------------------------|-------|-------|-------|----------------|----------------|
| Single parent                                       |                        |       |       |       |                |                |
| No  | 10.5                   | 48.4  | 16.8  | 13.2  | 11.1           | 26.0           |
| Yes   | 1.8                    | 18.3  | 30.7  | 29.2  | 19.9           | 31.2           |
| Number of dependents                                |                        |       |       |       |                |                |
| None  | 12.4                   | 55.7  | 15.7  | 8.7   | 7.5            | 24.4           |
| One or more   | 1.0                    | 12.4  | 26.2  | 34.4  | 26.0           | 33.4           |
| Parents' education <sup>2</sup>                     |                        |       |       |       |                |                |
| Less than high school diploma                       | 11.7                   | 16.2  | 17.0  | 24.4  | 30.8           | 33.4           |
| High school diploma or equivalent                   | 18.5                   | 26.3  | 19.9  | 19.6  | 15.8           | 28.2           |
| Some postsecondary education                        | 24.6                   | 36.4  | 20.2  | 12.3  | 6.5            | 24.6           |
| Bachelor's degree or higher                         | 28.1                   | 41.8  | 15.3  | 9.4   | 5.5            | 23.7           |
| Disability status <sup>2</sup>                      |                        |       |       |       |                |                |
| No  | 22.3                   | 33.0  | 18.3  | 14.8  | 11.6           | 26.4           |
| Yes   | 20.5                   | 25.5  | 13.6  | 17.7  | 22.7           | 29.7           |
| Primary role if working while enrolled <sup>2</sup> |                        |       |       |       |                |                |
| Student working to meet expenses                    | 28.1                   | 44.6  | 15.7  | 8.2   | 3.5            | 23.0           |
| Employee enrolled in school                         | 7.7                    | 14.5  | 25.2  | 28.2  | 24.3           | 32.0           |
| Average hours worked while enrolled                 |                        |       |       |       |                |                |
| Did not work  | 29.3                   | 29.0  | 13.9  | 14.3  | 13.5           | 26.8           |
| 1–15 hours  | 33.7                   | 43.5  | 11.6  | 8.4   | 2.8            | 22.7           |
| 16–20 hours   | 29.2                   | 44.5  | 11.8  | 8.0   | 6.5            | 23.6           |
| 21–34 hours   | 27.2                   | 41.5  | 15.3  | 8.7   | 7.3            | 24.1           |
| 35 hours or more                                    | 9.2                    | 22.1  | 26.5  | 23.2  | 19.0           | 29.9           |

†Not applicable. Dependent students are 23 or younger.

<sup>1</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>2</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as “primary role,” which includes only working students.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 4.4—Percentage distribution of undergraduates according to dependency status: 1995–96**

|                                     | Dependent | Independent                 |                           |                    |
|-------------------------------------|-----------|-----------------------------|---------------------------|--------------------|
|                                     |           | No dependents,<br>unmarried | No dependents,<br>married | With<br>dependents |
| Total                               | 49.2      | 17.5                        | 8.8                       | 24.5               |
| Level of institution                |           |                             |                           |                    |
| Less-than-2-year                    | 23.9      | 19.3                        | 9.9                       | 46.9               |
| 2-year                              | 37.5      | 19.5                        | 11.3                      | 31.8               |
| 4-year                              | 63.1      | 15.6                        | 6.5                       | 14.9               |
| More than one institution           | 54.1      | 15.2                        | 5.9                       | 24.9               |
| Control of institution <sup>1</sup> |           |                             |                           |                    |
| Public                              | 47.7      | 18.2                        | 9.5                       | 24.6               |
| Private, not-for-profit             | 61.9      | 14.1                        | 6.5                       | 17.5               |
| Private, for-profit                 | 29.1      | 19.5                        | 7.9                       | 43.6               |
| Institution type <sup>1</sup>       |           |                             |                           |                    |
| Public                              |           |                             |                           |                    |
| Less-than-2-year                    | 24.4      | 18.5                        | 13.2                      | 43.9               |
| 2-year                              | 37.6      | 19.5                        | 11.5                      | 31.4               |
| 4-year nondoctorate-granting        | 54.5      | 18.6                        | 9.0                       | 17.9               |
| 4-year doctorate-granting           | 68.8      | 15.0                        | 4.9                       | 11.3               |
| Private, not-for-profit             |           |                             |                           |                    |
| Less-than-4-year                    | 32.6      | 22.9                        | 9.6                       | 35.0               |
| 4-year nondoctorate-granting        | 61.2      | 13.6                        | 6.6                       | 18.7               |
| 4-year doctorate-granting           | 71.6      | 12.8                        | 5.4                       | 10.1               |
| Private, for-profit                 | 29.1      | 19.5                        | 7.9                       | 43.6               |
| Class level                         |           |                             |                           |                    |
| First-year beginning                | 74.3      | 5.8                         | 3.8                       | 16.1               |
| Other first year                    | 38.6      | 19.9                        | 10.5                      | 31.0               |
| Second year                         | 47.4      | 17.7                        | 9.1                       | 25.9               |
| Third year                          | 61.4      | 15.6                        | 6.9                       | 16.1               |
| Fourth or fifth year                | 48.8      | 24.2                        | 9.6                       | 17.3               |
| Unclassified                        | 21.9      | 25.9                        | 14.4                      | 37.8               |
| Attendance intensity                |           |                             |                           |                    |
| Exclusively full-time               | 67.3      | 11.8                        | 4.9                       | 16.0               |
| Mixed full-time and part-time       | 54.1      | 16.9                        | 7.9                       | 21.2               |
| Exclusively part-time               | 24.5      | 24.9                        | 14.3                      | 36.3               |
| Attendance status                   |           |                             |                           |                    |
| Full-time, full-year                | 73.9      | 9.8                         | 4.1                       | 12.3               |
| Full-time, part-year                | 47.8      | 17.9                        | 7.4                       | 27.0               |
| Part-time, full-year                | 33.9      | 21.7                        | 12.8                      | 31.6               |
| Part-time, part-year                | 26.6      | 24.9                        | 13.2                      | 35.3               |

**Table 4.4—Percentage distribution of undergraduates according to dependency status: 1995–96—Continued**

|  | Dependent | Independent                 |                           |                    |
|--|-----------|-----------------------------|---------------------------|--------------------|
|  |           | No dependents,<br>unmarried | No dependents,<br>married | With<br>dependents |
| <b>Undergraduate program</b>                           |           |                             |                           |                    |
| Certificate  | 25.7      | 21.5                        | 11.7                      | 41.1               |
| Associate's degree                                     | 41.6      | 18.4                        | 10.1                      | 29.9               |
| Bachelor's degree                                      | 65.5      | 14.7                        | 6.1                       | 13.7               |
| Nondegree program                                      | 28.3      | 26.8                        | 15.5                      | 29.5               |
| <b>Gender</b>  |           |                             |                           |                    |
| Male   | 54.0      | 20.4                        | 6.7                       | 18.9               |
| Female   | 45.5      | 15.4                        | 10.4                      | 28.7               |
| <b>Race—ethnicity</b>                                  |           |                             |                           |                    |
| White, non-Hispanic                                    | 50.4      | 17.4                        | 10.3                      | 22.0               |
| Black, non-Hispanic                                    | 38.7      | 18.6                        | 4.3                       | 38.4               |
| Hispanic   | 48.3      | 16.1                        | 5.3                       | 30.3               |
| Asian/Pacific Islander                                 | 57.9      | 20.2                        | 7.9                       | 14.1               |
| American Indian/Alaskan Native                         | 40.8      | 15.9                        | 7.1                       | 36.2               |
| <b>Age as of 12/31/95</b>                              |           |                             |                           |                    |
| 18 years or younger                                    | 96.1      | 0.8                         | 0.5                       | 2.6                |
| 19–23 years  | 88.7      | 2.3                         | 2.4                       | 6.7                |
| 24–29 years  | †         | 52.0                        | 13.0                      | 35.1               |
| 30–39 years  | †         | 27.6                        | 16.3                      | 56.2               |
| 40 years or older                                      | †         | 23.3                        | 24.0                      | 52.8               |
| <b>Dependency and income level in 1994<sup>2</sup></b> |           |                             |                           |                    |
| <b>Independent</b>                                     |           |                             |                           |                    |
| Less than \$10,000                                     | †         | 48.8                        | 6.5                       | 44.7               |
| \$10,000–19,999  | †         | 43.9                        | 10.4                      | 45.7               |
| \$20,000–29,999  | †         | 33.2                        | 17.5                      | 49.4               |
| \$30,000–49,999  | †         | 19.6                        | 27.9                      | 52.4               |
| \$50,000 or more                                       | †         | 10.2                        | 37.2                      | 52.6               |
| <b>Marital status</b>                                  |           |                             |                           |                    |
| Not married  | 63.8      | 22.0                        | †                         | 14.3               |
| Married  | †         | †                           | 42.1                      | 58.0               |
| Separated  | 0.0       | 29.9                        | 0.0                       | 70.1               |
| <b>Single parent</b>                                   |           |                             |                           |                    |
| No   | 55.2      | 19.7                        | 9.9                       | 15.2               |
| Yes  | †         | †                           | †                         | 100.0              |
| <b>Number of dependents</b>                            |           |                             |                           |                    |
| None   | 65.1      | 23.2                        | 11.7                      | †                  |
| One or more  | †         | †                           | †                         | 100.0              |

**Table 4.4—Percentage distribution of undergraduates according to dependency status: 1995–96—Continued**

|  | Dependent | Independent                 |                           |                    |
|--|-----------|-----------------------------|---------------------------|--------------------|
|  |           | No dependents,<br>unmarried | No dependents,<br>married | With<br>dependents |
| Parents' education                     |           |                             |                           |                    |
| Less than high school diploma          | 21.3      | 18.5                        | 17.0                      | 43.2               |
| High school diploma or equivalent      | 38.2      | 19.2                        | 11.0                      | 31.6               |
| Some postsecondary education           | 54.5      | 14.5                        | 9.0                       | 22.0               |
| Bachelor's degree or higher            | 64.9      | 14.9                        | 7.8                       | 12.4               |
| Disability status                      |           |                             |                           |                    |
| No                                     | 49.6      | 16.6                        | 10.0                      | 23.8               |
| Yes                                    | 40.7      | 21.5                        | 8.0                       | 29.8               |
| Primary role if working while enrolled |           |                             |                           |                    |
| Student working to meet expenses       | 66.8      | 13.5                        | 6.2                       | 13.6               |
| Employee enrolled in school            | 17.3      | 24.5                        | 16.2                      | 42.0               |
| Average hours worked while enrolled    |           |                             |                           |                    |
| Did not work                           | 51.5      | 12.9                        | 10.3                      | 25.3               |
| 1–15 hours                             | 73.3      | 9.4                         | 5.9                       | 11.3               |
| 16–20 hours                            | 66.5      | 12.5                        | 8.4                       | 12.7               |
| 21–34 hours                            | 61.5      | 14.3                        | 9.1                       | 15.1               |
| 35 hours or more                       | 26.8      | 24.3                        | 12.3                      | 36.6               |

†Not applicable.

<sup>1</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>2</sup>Dependent students not shown because all are in dependent column.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 4.5a—Percentage distribution of undergraduates according to 1994 income and dependency status: 1995–96**

|                               | Dependents' income    |                     |                     |                     |                     |                      | Independents' income  |                     |                     |                     |                     |
|-------------------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|----------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|
|                               | Less than<br>\$20,000 | \$20,000–<br>39,999 | \$40,000–<br>59,999 | \$60,000–<br>79,999 | \$80,000–<br>99,999 | \$100,000<br>or more | Less than<br>\$10,000 | \$10,000–<br>19,999 | \$20,000–<br>29,999 | \$30,000–<br>49,999 | \$50,000<br>or more |
| Total                         | 9.3                   | 11.2                | 11.2                | 8.2                 | 4.1                 | 5.2                  | 14.8                  | 11.5                | 8.3                 | 9.0                 | 7.2                 |
| Institution type*             |                       |                     |                     |                     |                     |                      |                       |                     |                     |                     |                     |
| Public                        |                       |                     |                     |                     |                     |                      |                       |                     |                     |                     |                     |
| Less-than-2-year              | 8.5                   | 6.2                 | 6.8                 | 1.7                 | 0.9                 | 0.4                  | 22.3                  | 19.0                | 11.9                | 13.4                | 9.0                 |
| 2-year                        | 7.2                   | 9.6                 | 9.2                 | 6.1                 | 2.8                 | 2.7                  | 15.1                  | 14.8                | 11.4                | 12.0                | 9.3                 |
| 4-year nondoctorate-granting  | 10.1                  | 13.0                | 13.3                | 9.3                 | 4.1                 | 4.7                  | 14.5                  | 9.0                 | 7.1                 | 8.4                 | 6.6                 |
| 4-year doctorate-granting     | 11.2                  | 14.0                | 15.3                | 12.2                | 6.4                 | 9.7                  | 11.3                  | 7.4                 | 4.1                 | 4.2                 | 4.3                 |
| Private, not-for-profit       |                       |                     |                     |                     |                     |                      |                       |                     |                     |                     |                     |
| Less-than-4-year              | 8.7                   | 7.6                 | 7.2                 | 5.3                 | 1.7                 | 2.1                  | 22.6                  | 16.5                | 9.7                 | 10.5                | 8.2                 |
| 4-year nondoctorate-granting  | 12.1                  | 13.3                | 13.2                | 9.8                 | 5.4                 | 7.4                  | 10.3                  | 7.5                 | 5.7                 | 8.2                 | 7.2                 |
| 4-year doctorate-granting     | 9.6                   | 12.1                | 12.7                | 13.7                | 8.6                 | 14.9                 | 7.9                   | 5.6                 | 4.8                 | 4.8                 | 5.3                 |
| Private, for-profit           | 9.9                   | 7.2                 | 5.2                 | 3.2                 | 2.0                 | 1.6                  | 31.3                  | 17.4                | 9.0                 | 8.0                 | 5.2                 |
| Class level                   |                       |                     |                     |                     |                     |                      |                       |                     |                     |                     |                     |
| First-year beginning          | 14.6                  | 18.3                | 17.6                | 10.8                | 5.4                 | 7.6                  | 10.2                  | 6.6                 | 3.8                 | 3.0                 | 2.1                 |
| Other first year              | 8.3                   | 8.1                 | 9.2                 | 6.6                 | 3.0                 | 3.5                  | 15.7                  | 14.8                | 10.5                | 11.0                | 9.4                 |
| Second year                   | 8.7                   | 12.1                | 9.8                 | 8.0                 | 4.4                 | 4.3                  | 15.8                  | 11.2                | 9.0                 | 10.0                | 6.7                 |
| Third year                    | 9.6                   | 13.3                | 14.1                | 10.8                | 5.6                 | 8.0                  | 12.6                  | 7.7                 | 5.5                 | 7.4                 | 5.4                 |
| Fourth or fifth year          | 7.7                   | 9.7                 | 10.6                | 9.0                 | 4.4                 | 7.5                  | 17.8                  | 10.5                | 7.0                 | 7.9                 | 7.8                 |
| Unclassified                  | 4.4                   | 5.3                 | 5.2                 | 3.6                 | 1.7                 | 1.7                  | 16.8                  | 17.5                | 13.7                | 17.1                | 13.0                |
| Attendance intensity          |                       |                     |                     |                     |                     |                      |                       |                     |                     |                     |                     |
| Exclusively full-time         | 12.7                  | 14.8                | 15.0                | 11.1                | 5.6                 | 8.1                  | 14.3                  | 7.8                 | 4.4                 | 3.9                 | 2.3                 |
| Mixed full-time and part-time | 8.6                   | 13.0                | 12.3                | 9.9                 | 4.7                 | 5.6                  | 15.8                  | 11.0                | 7.9                 | 6.4                 | 4.9                 |
| Exclusively part-time         | 5.0                   | 5.7                 | 6.2                 | 4.0                 | 2.0                 | 1.6                  | 14.1                  | 16.5                | 13.5                | 16.7                | 14.7                |
| Undergraduate program         |                       |                     |                     |                     |                     |                      |                       |                     |                     |                     |                     |
| Certificate                   | 7.8                   | 6.5                 | 5.0                 | 3.8                 | 1.3                 | 1.4                  | 24.0                  | 17.5                | 11.6                | 11.7                | 9.5                 |
| Associate's degree            | 8.2                   | 10.5                | 10.0                | 6.5                 | 3.2                 | 3.2                  | 15.7                  | 14.0                | 10.4                | 10.8                | 7.5                 |
| Bachelor's degree             | 11.1                  | 13.9                | 14.5                | 11.4                | 6.0                 | 8.7                  | 11.7                  | 7.4                 | 4.9                 | 5.7                 | 4.9                 |
| Nondegree program             | 4.6                   | 4.8                 | 7.9                 | 5.5                 | 2.4                 | 3.1                  | 9.9                   | 10.7                | 10.9                | 17.3                | 23.0                |

\*For those enrolled in one institution.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 4.5b—Percentage distribution of dependent undergraduates according to family income: 1995–96**

|                                     | Less than<br>\$20,000 | \$20,000–<br>39,999 | \$40,000–<br>59,999 | \$60,000–<br>79,999 | \$80,000–<br>99,999 | \$100,000<br>or more |
|-------------------------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| Total                               | 18.8                  | 22.8                | 22.7                | 16.7                | 8.3                 | 10.7                 |
| Level of institution                |                       |                     |                     |                     |                     |                      |
| Less-than-2-year                    | 35.5                  | 26.0                | 19.5                | 9.1                 | 6.1                 | 3.7                  |
| 2-year                              | 19.7                  | 25.4                | 24.4                | 16.1                | 7.3                 | 7.1                  |
| 4-year                              | 17.4                  | 21.1                | 22.0                | 17.4                | 9.1                 | 13.2                 |
| More than one institution           | 22.7                  | 23.9                | 20.5                | 15.9                | 7.7                 | 9.3                  |
| Control of institution <sup>1</sup> |                       |                     |                     |                     |                     |                      |
| Public                              | 18.1                  | 23.4                | 23.8                | 16.8                | 8.0                 | 9.8                  |
| Private, not-for-profit             | 17.9                  | 20.1                | 20.3                | 17.1                | 9.8                 | 14.9                 |
| Private, for-profit                 | 33.9                  | 24.8                | 18.0                | 11.2                | 6.7                 | 5.5                  |
| Institution type <sup>1</sup>       |                       |                     |                     |                     |                     |                      |
| Public                              |                       |                     |                     |                     |                     |                      |
| Less-than-2-year                    | 34.7                  | 25.4                | 28.0                | 6.8                 | 3.5                 | 1.6                  |
| 2-year                              | 19.1                  | 25.5                | 24.6                | 16.2                | 7.4                 | 7.2                  |
| 4-year nondoctorate-granting        | 18.6                  | 23.8                | 24.3                | 17.1                | 7.4                 | 8.7                  |
| 4-year doctorate-granting           | 16.3                  | 20.3                | 22.3                | 17.7                | 9.3                 | 14.1                 |
| Private, not-for-profit             |                       |                     |                     |                     |                     |                      |
| Less-than-4-year                    | 26.7                  | 23.2                | 22.2                | 16.2                | 5.2                 | 6.5                  |
| 4-year nondoctorate-granting        | 19.8                  | 21.7                | 21.6                | 16.1                | 8.8                 | 12.1                 |
| 4-year doctorate-granting           | 13.5                  | 16.9                | 17.7                | 19.1                | 12.0                | 20.8                 |
| Private, for-profit                 | 33.9                  | 24.8                | 18.0                | 11.2                | 6.7                 | 5.5                  |
| Class level                         |                       |                     |                     |                     |                     |                      |
| First-year beginning                | 19.6                  | 24.6                | 23.7                | 14.5                | 7.3                 | 10.2                 |
| Other first year                    | 21.4                  | 21.0                | 23.9                | 17.0                | 7.7                 | 9.1                  |
| Second year                         | 18.4                  | 25.6                | 20.6                | 16.9                | 9.3                 | 9.2                  |
| Third year                          | 15.6                  | 21.7                | 22.9                | 17.6                | 9.1                 | 13.1                 |
| Fourth or fifth year                | 15.7                  | 19.8                | 21.6                | 18.5                | 9.1                 | 15.3                 |
| Unclassified                        | 20.0                  | 24.1                | 23.7                | 16.4                | 7.8                 | 7.9                  |
| Attendance intensity                |                       |                     |                     |                     |                     |                      |
| Exclusively full-time               | 18.9                  | 22.0                | 22.3                | 16.5                | 8.3                 | 12.1                 |
| Mixed full-time and part-time       | 15.9                  | 24.0                | 22.8                | 18.3                | 8.6                 | 10.4                 |
| Exclusively part-time               | 20.5                  | 23.1                | 25.4                | 16.3                | 8.1                 | 6.6                  |
| Attendance status                   |                       |                     |                     |                     |                     |                      |
| Full-time, full-year                | 17.3                  | 22.4                | 22.4                | 17.1                | 8.6                 | 12.2                 |
| Full-time, part-year                | 23.5                  | 21.6                | 21.7                | 15.7                | 7.1                 | 10.4                 |
| Part-time, full-year                | 20.8                  | 24.8                | 22.2                | 16.3                | 8.0                 | 8.0                  |
| Part-time, part-year                | 18.3                  | 22.4                | 26.5                | 16.5                | 8.6                 | 7.7                  |
| Undergraduate program               |                       |                     |                     |                     |                     |                      |
| Certificate                         | 30.4                  | 25.1                | 19.5                | 14.6                | 5.1                 | 5.4                  |
| Associate's degree                  | 19.7                  | 25.3                | 24.1                | 15.7                | 7.6                 | 7.6                  |
| Bachelor's degree                   | 17.0                  | 21.2                | 22.1                | 17.4                | 9.1                 | 13.2                 |
| Nondegree program                   | 16.1                  | 16.8                | 28.1                | 19.4                | 8.6                 | 11.0                 |

**Table 4.5b—Percentage distribution of dependent undergraduates according to family income: 1995–96**  
—Continued

|   | Less than<br>\$20,000 | \$20,000–<br>39,999 | \$40,000–<br>59,999 | \$60,000–<br>79,999 | \$80,000–<br>99,999 | \$100,000<br>or more |
|---|-----------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| <b>Gender</b>   |                       |                     |                     |                     |                     |                      |
| Male  | 18.4                  | 21.6                | 22.9                | 17.2                | 8.4                 | 11.4                 |
| Female  | 19.2                  | 23.9                | 22.6                | 16.2                | 8.2                 | 10.0                 |
| <b>Race–ethnicity</b>                                     |                       |                     |                     |                     |                     |                      |
| White, non-Hispanic                                       | 12.1                  | 21.0                | 25.4                | 19.2                | 9.6                 | 12.7                 |
| Black, non-Hispanic                                       | 39.9                  | 28.1                | 16.4                | 7.3                 | 5.0                 | 3.4                  |
| Hispanic  | 38.0                  | 29.2                | 14.0                | 10.6                | 4.3                 | 3.8                  |
| Asian/Pacific Islander                                    | 29.2                  | 25.3                | 16.4                | 12.6                | 6.4                 | 10.1                 |
| American Indian/Alaskan Native                            | 36.8                  | 24.3                | 19.9                | 13.8                | 3.2                 | 2.1                  |
| <b>Age as of 12/31/95</b>                                 |                       |                     |                     |                     |                     |                      |
| 18 years or younger                                       | 16.9                  | 22.8                | 25.3                | 16.0                | 8.0                 | 11.1                 |
| 19–23 years   | 19.3                  | 22.9                | 22.1                | 16.8                | 8.4                 | 10.5                 |
| 24–29 years   | †                     | †                   | †                   | †                   | †                   | †                    |
| 30–39 years   | †                     | †                   | †                   | †                   | †                   | †                    |
| 40 years or older   | †                     | †                   | †                   | †                   | †                   | †                    |
| <b>Parents' education</b>                                 |                       |                     |                     |                     |                     |                      |
| Less than high school diploma                             | 49.3                  | 34.9                | 9.9                 | 3.8                 | 0.8                 | 1.3                  |
| High school diploma or equivalent                         | 24.6                  | 29.2                | 25.5                | 13.1                | 3.9                 | 3.6                  |
| Some postsecondary education                              | 15.4                  | 27.8                | 23.9                | 17.8                | 8.4                 | 6.7                  |
| Bachelor's degree or higher                               | 9.6                   | 16.3                | 22.1                | 21.6                | 10.4                | 20.1                 |
| <b>Disability status<sup>2</sup></b>                      |                       |                     |                     |                     |                     |                      |
| No  | 16.7                  | 22.9                | 23.3                | 17.9                | 7.7                 | 11.5                 |
| Yes   | 16.0                  | 20.6                | 21.6                | 16.2                | 9.3                 | 16.3                 |
| <b>Primary role if working while enrolled<sup>2</sup></b> |                       |                     |                     |                     |                     |                      |
| Student working to meet expenses                          | 15.1                  | 23.4                | 24.5                | 18.0                | 7.6                 | 11.5                 |
| Employee enrolled in school                               | 18.3                  | 23.6                | 25.3                | 17.3                | 9.0                 | 6.5                  |
| <b>Average hours worked while enrolled</b>                |                       |                     |                     |                     |                     |                      |
| Did not work  | 19.2                  | 20.7                | 18.4                | 17.3                | 8.3                 | 16.1                 |
| 1–15 hours  | 16.6                  | 20.8                | 23.7                | 17.1                | 8.4                 | 13.4                 |
| 16–20 hours   | 17.6                  | 22.5                | 24.5                | 17.6                | 7.2                 | 10.6                 |
| 21–34 hours   | 17.2                  | 24.5                | 24.4                | 15.6                | 7.6                 | 10.7                 |
| 35 hours or more  | 13.1                  | 25.4                | 26.4                | 19.9                | 7.4                 | 7.8                  |

†Not applicable. Dependents are 23 or younger.

<sup>1</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>2</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as “primary role,” which includes only working students.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 4.5c—Percentage distribution of independent undergraduates according to student income: 1995–96**

|                                     | Less than<br>\$10,000 | \$10,000–<br>19,999 | \$20,000–<br>29,999 | \$30,000–<br>49,999 | \$50,000<br>or more |
|-------------------------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|
| Total                               | 29.1                  | 22.7                | 16.3                | 17.7                | 14.2                |
| Level of institution                |                       |                     |                     |                     |                     |
| Less-than-2-year                    | 41.8                  | 24.2                | 13.5                | 12.9                | 7.6                 |
| 2-year                              | 25.2                  | 23.8                | 17.9                | 18.7                | 14.4                |
| 4-year                              | 31.7                  | 21.0                | 14.6                | 17.2                | 15.6                |
| More than one institution           | 44.8                  | 18.7                | 12.1                | 15.4                | 9.0                 |
| Control of institution <sup>1</sup> |                       |                     |                     |                     |                     |
| Public                              | 27.1                  | 23.1                | 17.1                | 18.2                | 14.6                |
| Private, not-for-profit             | 27.8                  | 20.1                | 15.1                | 19.4                | 17.7                |
| Private, for-profit                 | 44.1                  | 24.5                | 12.7                | 11.3                | 7.3                 |
| Institution type <sup>1</sup>       |                       |                     |                     |                     |                     |
| Public                              |                       |                     |                     |                     |                     |
| Less-than-2-year                    | 29.5                  | 25.1                | 15.8                | 17.7                | 11.9                |
| 2-year                              | 24.1                  | 23.7                | 18.2                | 19.2                | 14.9                |
| 4-year nondoctorate-granting        | 31.8                  | 19.7                | 15.6                | 18.4                | 14.5                |
| 4-year doctorate-granting           | 36.2                  | 23.6                | 13.2                | 13.4                | 13.6                |
| Private, not-for-profit             |                       |                     |                     |                     |                     |
| Less-than-4-year                    | 33.5                  | 24.4                | 14.4                | 15.5                | 12.2                |
| 4-year nondoctorate-granting        | 26.4                  | 19.2                | 14.7                | 21.1                | 18.6                |
| 4-year doctorate-granting           | 27.8                  | 19.8                | 16.8                | 17.0                | 18.7                |
| Private, for-profit                 | 44.1                  | 24.5                | 12.7                | 11.3                | 7.3                 |
| Class level                         |                       |                     |                     |                     |                     |
| First-year beginning                | 39.6                  | 25.7                | 14.6                | 11.8                | 8.3                 |
| Other first year                    | 25.5                  | 24.1                | 17.2                | 17.9                | 15.3                |
| Second year                         | 29.9                  | 21.3                | 17.1                | 18.9                | 12.8                |
| Third year                          | 32.5                  | 19.8                | 14.3                | 19.3                | 14.1                |
| Fourth or fifth year                | 34.9                  | 20.6                | 13.7                | 15.5                | 15.3                |
| Unclassified                        | 21.6                  | 22.4                | 17.6                | 21.8                | 16.6                |
| Attendance intensity                |                       |                     |                     |                     |                     |
| Exclusively full-time               | 43.8                  | 23.9                | 13.3                | 12.0                | 7.0                 |
| Mixed full-time and part-time       | 34.4                  | 23.9                | 17.1                | 13.9                | 10.7                |
| Exclusively part-time               | 18.7                  | 21.8                | 17.9                | 22.1                | 19.5                |
| Attendance status                   |                       |                     |                     |                     |                     |
| Full-time, full-year                | 45.8                  | 22.9                | 12.9                | 11.3                | 7.1                 |
| Full-time, part-year                | 41.8                  | 25.3                | 13.9                | 12.4                | 6.6                 |
| Part-time, full-year                | 22.5                  | 22.3                | 17.3                | 20.2                | 17.8                |
| Part-time, part-year                | 20.7                  | 22.0                | 18.4                | 20.9                | 18.0                |

**Table 4.5c—Percentage distribution of independent undergraduates according to student income: 1995–96**  
—Continued

|                                | Less than<br>\$10,000 | \$10,000–<br>19,999 | \$20,000–<br>29,999 | \$30,000–<br>49,999 | \$50,000<br>or more |
|--------------------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|
| <b>Undergraduate program</b>   |                       |                     |                     |                     |                     |
| Certificate                    | 32.3                  | 23.6                | 15.6                | 15.8                | 12.7                |
| Associate's degree             | 26.9                  | 23.9                | 17.9                | 18.5                | 12.8                |
| Bachelor's degree              | 33.8                  | 21.3                | 14.2                | 16.4                | 14.3                |
| Nondegree program              | 13.8                  | 14.9                | 15.2                | 24.1                | 32.0                |
| <b>Gender</b>                  |                       |                     |                     |                     |                     |
| Male                           | 28.2                  | 23.2                | 16.8                | 17.8                | 14.0                |
| Female                         | 29.7                  | 22.4                | 16.0                | 17.7                | 14.3                |
| <b>Race–ethnicity</b>          |                       |                     |                     |                     |                     |
| White, non-Hispanic            | 25.2                  | 22.0                | 17.3                | 19.4                | 16.0                |
| Black, non-Hispanic            | 39.9                  | 25.0                | 13.4                | 12.8                | 8.8                 |
| Hispanic                       | 35.5                  | 25.7                | 15.4                | 13.4                | 10.0                |
| Asian/Pacific Islander         | 34.9                  | 18.2                | 13.6                | 18.4                | 14.8                |
| American Indian/Alaskan Native | 39.0                  | 17.2                | 14.0                | 19.8                | 9.9                 |
| <b>Dependency status</b>       |                       |                     |                     |                     |                     |
| Independent                    | 29.1                  | 22.7                | 16.3                | 17.7                | 14.2                |
| No dependents, unmarried       | 41.2                  | 28.9                | 15.7                | 10.1                | 4.2                 |
| No dependents, married         | 11.0                  | 13.7                | 16.4                | 28.6                | 30.4                |
| With dependents                | 27.0                  | 21.5                | 16.7                | 19.3                | 15.5                |
| <b>Age as of 12/31/95</b>      |                       |                     |                     |                     |                     |
| 18 years or younger            | 87.0                  | 9.6                 | 2.2                 | 0.4                 | 0.9                 |
| 19–23 years                    | 59.2                  | 25.6                | 10.5                | 3.7                 | 0.9                 |
| 24–29 years                    | 35.4                  | 27.6                | 18.5                | 13.8                | 4.8                 |
| 30–39 years                    | 21.1                  | 18.7                | 17.5                | 23.5                | 19.2                |
| 40 years or older              | 15.0                  | 19.4                | 14.4                | 22.9                | 28.2                |
| <b>Marital status</b>          |                       |                     |                     |                     |                     |
| Not married                    | 41.5                  | 28.5                | 15.6                | 9.8                 | 4.5                 |
| Married                        | 11.0                  | 14.2                | 17.9                | 29.0                | 27.8                |
| Separated                      | 46.7                  | 30.2                | 9.0                 | 8.9                 | 5.2                 |
| <b>Single parent</b>           |                       |                     |                     |                     |                     |
| No                             | 25.7                  | 21.2                | 16.6                | 19.9                | 16.7                |
| Yes                            | 41.8                  | 28.1                | 15.2                | 9.8                 | 5.2                 |
| <b>Number of dependents</b>    |                       |                     |                     |                     |                     |
| None                           | 31.1                  | 23.8                | 15.9                | 16.3                | 12.9                |
| One or more                    | 27.0                  | 21.5                | 16.7                | 19.3                | 15.5                |

**Table 4.5c—Percentage distribution of independent undergraduates according to student income: 1995–96**  
—Continued

|   | Less than<br>\$10,000 | \$10,000–<br>19,999 | \$20,000–<br>29,999 | \$30,000–<br>49,999 | \$50,000<br>or more |
|---|-----------------------|---------------------|---------------------|---------------------|---------------------|
| Parents' education <sup>2</sup>                     |                       |                     |                     |                     |                     |
| Less than high school diploma                       | 19.0                  | 18.5                | 15.6                | 24.2                | 22.7                |
| High school diploma or equivalent                   | 25.4                  | 20.5                | 15.1                | 19.8                | 19.3                |
| Some postsecondary education                        | 28.8                  | 23.8                | 13.4                | 19.3                | 14.7                |
| Bachelor's degree or higher                         | 27.4                  | 21.8                | 17.4                | 17.3                | 16.1                |
| Disability status <sup>2</sup>                      |                       |                     |                     |                     |                     |
| No  | 25.4                  | 21.8                | 15.9                | 19.5                | 17.5                |
| Yes   | 29.4                  | 26.5                | 15.2                | 17.2                | 11.8                |
| Primary role if working while enrolled <sup>2</sup> |                       |                     |                     |                     |                     |
| Student working to meet expenses                    | 39.2                  | 26.0                | 13.9                | 12.4                | 8.5                 |
| Employee enrolled in school                         | 10.6                  | 19.9                | 16.2                | 26.8                | 26.6                |
| Average hours worked while enrolled                 |                       |                     |                     |                     |                     |
| Did not work  | 38.0                  | 16.2                | 16.9                | 14.8                | 14.1                |
| 1–15 hours  | 47.4                  | 17.9                | 8.9                 | 13.3                | 12.4                |
| 16–20 hours   | 40.9                  | 21.0                | 16.9                | 10.3                | 11.0                |
| 21–34 hours   | 35.5                  | 26.4                | 10.5                | 16.9                | 10.7                |
| 35 hours or more                                    | 13.1                  | 23.9                | 17.6                | 23.6                | 21.8                |

<sup>1</sup>Category for "more than one institution" is shown only under "level of institution." The distributions are identical.

<sup>2</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as "primary role," which includes only working students.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 4.6—Percentage distribution of undergraduates according to marital status: 1995–96**

|                                     | Not married | Married | Separated |
|-------------------------------------|-------------|---------|-----------|
| Total                               | 77.1        | 21.0    | 1.9       |
| Level of institution                |             |         |           |
| Less-than-2-year                    | 65.5        | 29.4    | 5.1       |
| 2-year                              | 71.1        | 26.3    | 2.6       |
| 4-year                              | 84.1        | 15.0    | 0.9       |
| More than one institution           | 80.4        | 17.7    | 1.9       |
| Control of institution <sup>1</sup> |             |         |           |
| Public                              | 76.5        | 21.7    | 1.9       |
| Private, not-for-profit             | 81.9        | 16.9    | 1.2       |
| Private, for-profit                 | 69.0        | 25.6    | 5.4       |
| Institution type <sup>1</sup>       |             |         |           |
| Public                              |             |         |           |
| Less-than-2-year                    | 62.6        | 33.9    | 3.6       |
| 2-year                              | 71.1        | 26.4    | 2.5       |
| 4-year nondoctorate-granting        | 80.1        | 19.0    | 1.0       |
| 4-year doctorate-granting           | 88.1        | 11.2    | 0.7       |
| Private, not-for-profit             |             |         |           |
| Less-than-4-year                    | 68.4        | 29.6    | 2.0       |
| 4-year nondoctorate-granting        | 80.9        | 17.8    | 1.3       |
| 4-year doctorate-granting           | 87.7        | 11.7    | 0.6       |
| Private, for-profit                 | 69.0        | 25.6    | 5.4       |
| Class level                         |             |         |           |
| First-year beginning                | 88.1        | 10.5    | 1.5       |
| Other first year                    | 72.1        | 25.4    | 2.6       |
| Second year                         | 76.5        | 21.3    | 2.2       |
| Third year                          | 82.3        | 16.7    | 1.1       |
| Fourth or fifth year                | 78.8        | 20.3    | 0.9       |
| Unclassified                        | 62.8        | 34.9    | 2.3       |
| Attendance intensity                |             |         |           |
| Exclusively full-time               | 86.6        | 11.6    | 1.8       |
| Mixed full-time and part-time       | 79.3        | 18.6    | 2.1       |
| Exclusively part-time               | 64.1        | 33.9    | 2.0       |
| Attendance status                   |             |         |           |
| Full-time, full-year                | 89.2        | 9.5     | 1.3       |
| Full-time, part-year                | 78.9        | 18.2    | 3.0       |
| Part-time, full-year                | 67.7        | 29.5    | 2.8       |
| Part-time, part-year                | 66.5        | 32.0    | 1.5       |

**Table 4.6—Percentage distribution of undergraduates according to marital status: 1995–96—Continued**

|  | Not married | Married | Separated |
|--|-------------|---------|-----------|
| Undergraduate program                            |             |         |           |
| Certificate                                      | 65.7        | 30.8    | 3.6       |
| Associate's degree                               | 73.4        | 24.0    | 2.6       |
| Bachelor's degree                                | 85.3        | 13.8    | 0.9       |
| Nondegree program                                | 64.6        | 34.4    | 1.0       |
| Gender   |             |         |           |
| Male   | 80.8        | 18.3    | 1.0       |
| Female   | 74.4        | 23.0    | 2.7       |
| Race–ethnicity                                   |             |         |           |
| White, non-Hispanic                              | 75.8        | 22.6    | 1.6       |
| Black, non-Hispanic                              | 80.2        | 16.2    | 3.6       |
| Hispanic   | 78.5        | 18.5    | 3.0       |
| Asian/Pacific Islander                           | 83.7        | 15.8    | 0.5       |
| American Indian/Alaskan Native                   | 72.7        | 25.1    | 2.3       |
| Dependency status <sup>2</sup>                   |             |         |           |
| Independent                                      | 55.0        | 41.2    | 3.8       |
| No dependents, unmarried                         | 96.7        | †       | 3.3       |
| With dependents                                  | 44.9        | 49.6    | 5.5       |
| Age as of 12/31/95                               |             |         |           |
| 18 years or younger                              | 99.0        | 1.0     | 0.1       |
| 19–23 years                                      | 95.3        | 4.3     | 0.4       |
| 24–29 years                                      | 69.3        | 27.3    | 3.4       |
| 30–39 years                                      | 48.2        | 47.2    | 4.6       |
| 40 years or older                                | 39.7        | 56.7    | 3.6       |
| Dependency and income level in 1994 <sup>2</sup> |             |         |           |
| Independent                                      |             |         |           |
| Less than \$10,000                               | 78.3        | 15.6    | 6.1       |
| \$10,000–19,999                                  | 69.1        | 25.8    | 5.1       |
| \$20,000–29,999                                  | 52.6        | 45.3    | 2.1       |
| \$30,000–49,999                                  | 30.5        | 67.6    | 1.9       |
| \$50,000 or more                                 | 17.6        | 81.0    | 1.4       |
| Number of dependents                             |             |         |           |
| None   | 87.6        | 11.7    | 0.8       |
| One or more                                      | 44.9        | 49.6    | 5.5       |
| Parents' education                               |             |         |           |
| Less than high school diploma                    | 52.5        | 44.0    | 3.4       |
| High school diploma or equivalent                | 69.0        | 28.3    | 2.7       |
| Some postsecondary education                     | 79.4        | 18.7    | 1.9       |
| Bachelor's degree or higher                      | 84.9        | 14.1    | 1.0       |

**Table 4.6—Percentage distribution of undergraduates according to marital status: 1995–96—Continued**

|  | Not married | Married | Separated |
|--|-------------|---------|-----------|
| Disability status                      |             |         |           |
| No                                     | 75.5        | 22.7    | 1.8       |
| Yes                                    | 72.9        | 24.0    | 3.1       |
| Primary role if working while enrolled |             |         |           |
| Student working to meet expenses       | 86.6        | 11.9    | 1.4       |
| Employee enrolled in school            | 56.5        | 41.0    | 2.6       |
| Average hours worked while enrolled    |             |         |           |
| Did not work                           | 73.5        | 23.8    | 2.7       |
| 1–15 hours                             | 87.3        | 11.7    | 0.9       |
| 16–20 hours                            | 85.9        | 13.4    | 0.7       |
| 21–34 hours                            | 82.3        | 15.9    | 1.8       |
| 35 hours or more                       | 64.4        | 33.3    | 2.3       |

†Not applicable.

<sup>1</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>2</sup>Dependent rows not shown because they are all not married; and independent, married, no dependents not shown because all are married.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 4.7—Percentage distribution of undergraduates according to number of dependents and percentage of single parents: 1995–96**

|                                     | Number of dependents |      |             | Single parent |
|-------------------------------------|----------------------|------|-------------|---------------|
|                                     | None                 | One  | Two or more |               |
| Total                               | 75.5                 | 10.7 | 13.8        | 11.0          |
| Level of institution                |                      |      |             |               |
| Less-than-2-year                    | 53.1                 | 19.8 | 27.1        | 23.5          |
| 2-year                              | 68.2                 | 14.0 | 17.8        | 14.9          |
| 4-year                              | 85.2                 | 6.3  | 8.5         | 5.7           |
| More than one institution           | 75.1                 | 11.1 | 13.9        | 11.6          |
| Control of institution <sup>1</sup> |                      |      |             |               |
| Public                              | 75.5                 | 10.8 | 13.8        | 11.2          |
| Private, not-for-profit             | 82.6                 | 6.9  | 10.6        | 6.3           |
| Private, for-profit                 | 56.4                 | 19.5 | 24.1        | 21.6          |
| Institution type <sup>1</sup>       |                      |      |             |               |
| Public                              |                      |      |             |               |
| Less-than-2-year                    | 56.1                 | 17.7 | 26.2        | 20.6          |
| 2-year                              | 68.6                 | 13.8 | 17.6        | 14.8          |
| 4-year nondoctorate-granting        | 82.1                 | 7.9  | 10.1        | 7.2           |
| 4-year doctorate-granting           | 88.7                 | 5.1  | 6.2         | 4.6           |
| Private, not-for-profit             |                      |      |             |               |
| Less-than-4-year                    | 65.0                 | 14.4 | 20.6        | 13.4          |
| 4-year nondoctorate-granting        | 81.4                 | 7.1  | 11.5        | 6.6           |
| 4-year doctorate-granting           | 89.9                 | 4.3  | 5.8         | 3.6           |
| Private, for-profit                 | 56.4                 | 19.5 | 24.1        | 21.6          |
| Class level                         |                      |      |             |               |
| First-year beginning                | 83.9                 | 7.6  | 8.4         | 8.4           |
| Other first year                    | 69.0                 | 13.3 | 17.7        | 14.4          |
| Second year                         | 74.1                 | 11.3 | 14.7        | 11.9          |
| Third year                          | 83.9                 | 7.0  | 9.2         | 5.8           |
| Fourth or fifth year                | 82.7                 | 7.5  | 9.9         | 6.2           |
| Unclassified                        | 62.2                 | 16.2 | 21.6        | 15.8          |
| Attendance intensity                |                      |      |             |               |
| Exclusively full-time               | 84.0                 | 7.4  | 8.6         | 7.9           |
| Mixed full-time and part-time       | 78.8                 | 9.8  | 11.4        | 9.0           |
| Exclusively part-time               | 63.7                 | 15.2 | 21.2        | 15.5          |
| Attendance status                   |                      |      |             |               |
| Full-time, full-year                | 87.7                 | 5.6  | 6.6         | 5.8           |
| Full-time, part-year                | 73.0                 | 12.2 | 14.8        | 13.9          |
| Part-time, full-year                | 68.4                 | 13.5 | 18.1        | 13.1          |
| Part-time, part-year                | 64.7                 | 15.1 | 20.2        | 15.6          |

**Table 4.7—Percentage distribution of undergraduates according to number of dependents and percentage of single parents: 1995–96—Continued**

|  | Number of dependents |      |             | Single parent |
|--|----------------------|------|-------------|---------------|
|  | None                 | One  | Two or more |               |
| <b>Undergraduate program</b>                           |                      |      |             |               |
| Certificate  | 58.9                 | 18.2 | 22.9        | 19.1          |
| Associate's degree                                     | 70.1                 | 13.0 | 16.9        | 14.3          |
| Bachelor's degree                                      | 86.3                 | 6.0  | 7.7         | 5.4           |
| Nondegree program                                      | 70.6                 | 11.1 | 18.4        | 9.6           |
| <b>Gender</b>  |                      |      |             |               |
| Male   | 81.1                 | 8.0  | 10.9        | 6.9           |
| Female   | 71.3                 | 12.7 | 16.0        | 14.1          |
| <b>Race–ethnicity</b>                                  |                      |      |             |               |
| White, non-Hispanic                                    | 78.0                 | 9.2  | 12.7        | 8.6           |
| Black, non-Hispanic                                    | 61.6                 | 18.3 | 20.2        | 23.7          |
| Hispanic   | 69.7                 | 14.0 | 16.3        | 14.9          |
| Asian/Pacific Islander                                 | 85.9                 | 5.3  | 8.8         | 5.9           |
| American Indian/Alaskan Native                         | 63.8                 | 16.9 | 19.2        | 16.0          |
| <b>Dependency status<sup>2</sup></b>                   |                      |      |             |               |
| Independent  | 51.8                 | 21.0 | 27.2        | 21.6          |
| With dependents  | †                    | 43.6 | 56.4        | 44.9          |
| <b>Age as of 12/31/95</b>                              |                      |      |             |               |
| 18 years or younger                                    | 97.4                 | 2.3  | 0.3         | 2.1           |
| 19–23 years  | 93.3                 | 4.9  | 1.8         | 4.5           |
| 24–29 years  | 65.0                 | 18.4 | 16.7        | 18.4          |
| 30–39 years  | 43.8                 | 17.6 | 38.6        | 21.4          |
| 40 years or older                                      | 47.2                 | 18.6 | 34.2        | 18.1          |
| <b>Dependency and income level in 1994<sup>2</sup></b> |                      |      |             |               |
| Independent  |                      |      |             |               |
| Less than \$10,000                                     | 55.3                 | 24.6 | 20.0        | 31.0          |
| \$10,000–19,999  | 54.3                 | 22.0 | 23.7        | 26.8          |
| \$20,000–29,999  | 50.6                 | 19.2 | 30.1        | 20.2          |
| \$30,000–49,999  | 47.6                 | 18.0 | 34.5        | 11.9          |
| \$50,000 or more                                       | 47.4                 | 17.8 | 34.9        | 7.9           |
| <b>Marital status</b>                                  |                      |      |             |               |
| Not married  | 85.8                 | 7.5  | 6.7         | 14.3          |
| Married  | 42.1                 | 20.6 | 37.3        | †             |
| Separated  | 29.9                 | 28.3 | 41.8        | †             |
| <b>Parents' education</b>                              |                      |      |             |               |
| Less than high school diploma                          | 56.8                 | 13.9 | 29.3        | 13.8          |
| High school diploma or equivalent                      | 68.4                 | 13.8 | 17.8        | 12.4          |
| Some postsecondary education                           | 78.1                 | 10.2 | 11.7        | 11.0          |
| Bachelor's degree or higher                            | 87.6                 | 5.3  | 7.0         | 5.3           |

**Table 4.7—Percentage distribution of undergraduates according to number of dependents and percentage of single parents: 1995–96—Continued**

|  | Number of dependents |      |             | Single parent |
|--|----------------------|------|-------------|---------------|
|  | None                 | One  | Two or more |               |
| Disability status                      |                      |      |             |               |
| No                                     | 76.2                 | 9.9  | 13.9        | 9.8           |
| Yes                                    | 70.2                 | 11.5 | 18.3        | 11.5          |
| Primary role if working while enrolled |                      |      |             |               |
| Student working to meet expenses       | 86.4                 | 6.3  | 7.3         | 6.6           |
| Employee enrolled in school            | 58.0                 | 17.0 | 25.0        | 15.8          |
| Average hours worked while enrolled    |                      |      |             |               |
| Did not work                           | 74.7                 | 10.5 | 14.8        | 9.8           |
| 1–15 hours                             | 88.7                 | 4.0  | 7.3         | 4.7           |
| 16–20 hours                            | 87.3                 | 5.6  | 7.1         | 7.3           |
| 21–34 hours                            | 84.9                 | 7.7  | 7.4         | 6.7           |
| 35 hours or more                       | 63.4                 | 14.5 | 22.1        | 14.2          |

†Not applicable.

<sup>1</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>2</sup>Dependent rows not shown because none have dependents and none are single parents.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 4.8—Percentage distribution of undergraduates according to their high school degree or equivalency status: 1995–96**

|                                     | High school diploma | General education or equivalent | Certificate of completion | Did not complete high school |
|-------------------------------------|---------------------|---------------------------------|---------------------------|------------------------------|
| Total                               | 91.9                | 5.2                             | 0.5                       | 2.4                          |
| Level of institution                |                     |                                 |                           |                              |
| Less-than-2-year                    | 76.3                | 13.9                            | 0.6                       | 9.2                          |
| 2-year                              | 88.8                | 7.1                             | 0.6                       | 3.6                          |
| 4-year                              | 96.6                | 2.4                             | 0.5                       | 0.6                          |
| More than one institution           | 92.7                | 5.3                             | 0.4                       | 1.6                          |
| Control of institution <sup>1</sup> |                     |                                 |                           |                              |
| Public                              | 92.1                | 4.9                             | 0.5                       | 2.5                          |
| Private, not-for-profit             | 95.5                | 3.5                             | 0.4                       | 0.7                          |
| Private, for-profit                 | 78.9                | 14.3                            | 0.4                       | 6.4                          |
| Institution type <sup>1</sup>       |                     |                                 |                           |                              |
| Public                              |                     |                                 |                           |                              |
| Less-than-2-year                    | 80.3                | 11.0                            | 0.4                       | 8.3                          |
| 2-year                              | 89.0                | 6.8                             | 0.6                       | 3.7                          |
| 4-year nondoctorate-granting        | 96.3                | 2.9                             | 0.4                       | 0.4                          |
| 4-year doctorate-granting           | 97.4                | 1.3                             | 0.6                       | 0.7                          |
| Private, not-for-profit             |                     |                                 |                           |                              |
| Less-than-4-year                    | 89.9                | 8.8                             | 0.2                       | 1.1                          |
| 4-year nondoctorate-granting        | 96.0                | 3.6                             | 0.2                       | 0.2                          |
| 4-year doctorate-granting           | 95.9                | 1.8                             | 1.0                       | 1.4                          |
| Private, for-profit                 | 78.9                | 14.3                            | 0.4                       | 6.4                          |
| Class level                         |                     |                                 |                           |                              |
| First-year beginning                | 90.8                | 6.1                             | 0.5                       | 2.6                          |
| Other first year                    | 89.5                | 7.0                             | 0.4                       | 3.0                          |
| Second year                         | 92.8                | 4.6                             | 0.5                       | 2.2                          |
| Third year                          | 95.5                | 2.5                             | 0.7                       | 1.3                          |
| Fourth or fifth year                | 97.0                | 1.9                             | 0.5                       | 0.6                          |
| Unclassified                        | 87.5                | 6.6                             | 0.8                       | 5.1                          |
| Attendance status                   |                     |                                 |                           |                              |
| Full-time, full-year                | 95.1                | 3.2                             | 0.4                       | 1.2                          |
| Full-time, part-year                | 87.4                | 9.0                             | 0.3                       | 3.2                          |
| Part-time, full-year                | 91.3                | 5.3                             | 0.8                       | 2.6                          |
| Part-time, part-year                | 90.1                | 6.2                             | 0.4                       | 3.3                          |
| Undergraduate program               |                     |                                 |                           |                              |
| Certificate                         | 81.7                | 10.3                            | 0.5                       | 7.5                          |
| Associate's degree                  | 90.3                | 6.7                             | 0.5                       | 2.5                          |
| Bachelor's degree                   | 96.8                | 2.3                             | 0.5                       | 0.5                          |
| Nondegree program                   | 89.3                | 4.6                             | 0.8                       | 5.4                          |

**Table 4.8—Percentage distribution of undergraduates according to their high school degree or equivalency status: 1995–96—Continued**

|  | High school diploma | General education or equivalent | Certificate of completion | Did not complete high school |
|--|---------------------|---------------------------------|---------------------------|------------------------------|
| <b>Gender</b>                              |                     |                                 |                           |                              |
| Male                                       | 92.2                | 5.1                             | 0.6                       | 2.2                          |
| Female                                     | 91.8                | 5.3                             | 0.5                       | 2.5                          |
| <b>Race–ethnicity</b>                      |                     |                                 |                           |                              |
| White, non-Hispanic                        | 93.5                | 4.7                             | 0.2                       | 1.6                          |
| Black, non-Hispanic                        | 88.1                | 6.6                             | 0.6                       | 4.6                          |
| Hispanic                                   | 88.1                | 7.2                             | 0.8                       | 4.0                          |
| Asian/Pacific Islander                     | 90.8                | 2.8                             | 2.8                       | 3.6                          |
| American Indian/Alaskan Native             | 81.4                | 12.5                            | 0.0                       | 6.1                          |
| <b>Dependency status</b>                   |                     |                                 |                           |                              |
| Dependent                                  | 95.9                | 2.4                             | 0.3                       | 1.4                          |
| Independent                                | 88.1                | 8.0                             | 0.7                       | 3.3                          |
| <b>Age as of 12/31/95</b>                  |                     |                                 |                           |                              |
| 18 years or younger                        | 95.0                | 2.9                             | 0.2                       | 1.9                          |
| 19–23 years                                | 95.0                | 3.0                             | 0.3                       | 1.6                          |
| 24–29 years                                | 90.0                | 6.9                             | 0.7                       | 2.5                          |
| 30–39 years                                | 86.1                | 9.2                             | 0.8                       | 3.9                          |
| 40 years or older                          | 88.4                | 7.6                             | 0.8                       | 3.3                          |
| <b>Dependency and income level in 1994</b> |                     |                                 |                           |                              |
| <b>Dependent</b>                           |                     |                                 |                           |                              |
| Less than \$20,000                         | 92.5                | 5.0                             | 0.4                       | 2.2                          |
| \$20,000–39,999                            | 95.3                | 2.8                             | 0.2                       | 1.7                          |
| \$40,000–59,999                            | 97.6                | 1.5                             | 0.2                       | 0.8                          |
| \$60,000–79,999                            | 96.5                | 1.3                             | 0.4                       | 1.8                          |
| \$80,000–99,999                            | 97.3                | 1.2                             | 0.1                       | 1.4                          |
| \$100,000 or more                          | 98.0                | 1.0                             | 0.4                       | 0.6                          |
| <b>Independent</b>                         |                     |                                 |                           |                              |
| Less than \$10,000                         | 84.0                | 11.5                            | 0.7                       | 3.9                          |
| \$10,000–19,999                            | 89.1                | 7.4                             | 0.8                       | 2.7                          |
| \$20,000–29,999                            | 89.1                | 7.7                             | 0.6                       | 2.7                          |
| \$30,000–49,999                            | 91.5                | 4.7                             | 0.9                       | 2.9                          |
| \$50,000 or more                           | 89.4                | 6.0                             | 0.7                       | 3.9                          |
| <b>Marital status</b>                      |                     |                                 |                           |                              |
| Not married                                | 93.1                | 4.3                             | 0.5                       | 2.1                          |
| Married                                    | 88.9                | 7.4                             | 0.7                       | 3.0                          |
| Separated                                  | 78.9                | 15.7                            | 0.4                       | 5.0                          |
| <b>Single parent</b>                       |                     |                                 |                           |                              |
| No   | 93.0                | 4.4                             | 0.5                       | 2.1                          |
| Yes  | 83.1                | 11.5                            | 0.9                       | 4.5                          |

**Table 4.8—Percentage distribution of undergraduates according to their high school degree or equivalency status: 1995–96—Continued**

|   | High school diploma | General education or equivalent | Certificate of completion | Did not complete high school |
|---|---------------------|---------------------------------|---------------------------|------------------------------|
| Number of dependents                                |                     |                                 |                           |                              |
| None  | 94.2                | 3.4                             | 0.4                       | 1.9                          |
| One or more   | 84.9                | 10.7                            | 0.8                       | 3.7                          |
| Parents' education                                  |                     |                                 |                           |                              |
| Less than high school diploma                       | 84.7                | 10.9                            | 1.5                       | 2.9                          |
| High school diploma or equivalent                   | 91.1                | 6.1                             | 0.5                       | 2.3                          |
| Some postsecondary education                        | 93.7                | 3.8                             | 0.7                       | 1.8                          |
| Bachelor's degree or higher                         | 95.8                | 2.4                             | 0.6                       | 1.2                          |
| Disability status                                   |                     |                                 |                           |                              |
| No  | 92.8                | 4.6                             | 0.6                       | 1.9                          |
| Yes   | 89.1                | 7.9                             | 0.3                       | 2.6                          |
| Primary role if working while enrolled <sup>2</sup> |                     |                                 |                           |                              |
| Student working to meet expenses                    | 94.3                | 4.0                             | 0.3                       | 1.5                          |
| Employee enrolled in school                         | 91.8                | 5.5                             | 0.5                       | 2.2                          |
| Average hours worked while enrolled                 |                     |                                 |                           |                              |
| Did not work  | 89.7                | 6.1                             | 1.6                       | 2.7                          |
| 1–15 hours  | 95.0                | 3.4                             | 0.5                       | 1.1                          |
| 16–20 hours   | 95.2                | 3.3                             | 0.4                       | 1.0                          |
| 21–34 hours   | 94.4                | 4.5                             | 0.1                       | 1.1                          |
| 35 hours or more                                    | 91.8                | 5.3                             | 0.3                       | 2.6                          |

<sup>1</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>2</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as “primary role,” which includes only working students.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 4.9—Percentage distribution of undergraduates according to their local residence while enrolled:  
1995–96**

|                               | On<br>campus | Off campus,<br>not with family | With parents<br>or relatives |
|-------------------------------|--------------|--------------------------------|------------------------------|
| Total                         | 13.8         | 61.1                           | 25.2                         |
| Level of institution          |              |                                |                              |
| Less-than-2-year              | 1.7          | 73.8                           | 24.5                         |
| 2-year                        | 2.2          | 66.8                           | 31.0                         |
| 4-year                        | 26.3         | 54.6                           | 19.1                         |
| More than one institution     | 18.0         | 56.0                           | 26.0                         |
| Control of institution*       |              |                                |                              |
| Public                        | 9.9          | 63.3                           | 26.8                         |
| Private, not-for-profit       | 34.9         | 47.6                           | 17.6                         |
| Private, for-profit           | 2.6          | 73.7                           | 23.8                         |
| Institution type*             |              |                                |                              |
| Public                        |              |                                |                              |
| Less-than-2-year              | 1.7          | 73.9                           | 24.4                         |
| 2-year                        | 1.9          | 66.7                           | 31.4                         |
| 4-year nondoctorate-granting  | 17.8         | 58.3                           | 23.9                         |
| 4-year doctorate-granting     | 24.3         | 57.8                           | 17.9                         |
| Private, not-for-profit       |              |                                |                              |
| Less-than-4-year              | 9.8          | 63.4                           | 26.8                         |
| 4-year nondoctorate-granting  | 36.3         | 47.0                           | 16.8                         |
| 4-year doctorate-granting     | 39.0         | 44.3                           | 16.7                         |
| Private, for-profit           | 2.6          | 73.7                           | 23.8                         |
| Class level                   |              |                                |                              |
| First-year beginning          | 30.6         | 29.8                           | 39.7                         |
| Other first year              | 6.3          | 66.9                           | 26.9                         |
| Second year                   | 12.7         | 63.3                           | 24.0                         |
| Third year                    | 19.5         | 61.5                           | 19.0                         |
| Fourth or fifth year          | 14.0         | 73.9                           | 12.1                         |
| Unclassified                  | 2.4          | 79.0                           | 18.6                         |
| Attendance intensity          |              |                                |                              |
| Exclusively full-time         | 24.7         | 46.8                           | 28.6                         |
| Mixed full-time and part-time | 10.1         | 60.4                           | 29.5                         |
| Exclusively part-time         | 2.2          | 79.3                           | 18.6                         |
| Attendance status             |              |                                |                              |
| Full-time, full-year          | 28.6         | 43.3                           | 28.1                         |
| Full-time, part-year          | 9.4          | 59.7                           | 31.0                         |
| Part-time, full-year          | 3.9          | 72.5                           | 23.7                         |
| Part-time, part-year          | 2.6          | 78.3                           | 19.2                         |

**Table 4.9—Percentage distribution of undergraduates according to their local residence while enrolled:  
1995–96—Continued**

|  | On<br>campus | Off campus,<br>not with family | With parents<br>or relatives |
|--|--------------|--------------------------------|------------------------------|
| <b>Undergraduate program</b>               |              |                                |                              |
| Certificate                                | 4.1          | 72.2                           | 23.7                         |
| Associate's degree                         | 3.7          | 64.4                           | 31.9                         |
| Bachelor's degree                          | 27.6         | 53.1                           | 19.2                         |
| Nondegree program                          | 3.8          | 77.5                           | 18.7                         |
| <b>Gender</b>                              |              |                                |                              |
| Male                                       | 14.4         | 58.4                           | 27.2                         |
| Female                                     | 13.3         | 63.1                           | 23.6                         |
| <b>Race–ethnicity</b>                      |              |                                |                              |
| White, non-Hispanic                        | 14.5         | 62.0                           | 23.6                         |
| Black, non-Hispanic                        | 14.1         | 62.2                           | 23.6                         |
| Hispanic                                   | 6.9          | 56.8                           | 36.3                         |
| Asian/Pacific Islander                     | 16.0         | 55.2                           | 28.8                         |
| American Indian/Alaskan Native             | 12.5         | 66.8                           | 20.7                         |
| <b>Dependency status</b>                   |              |                                |                              |
| Dependent                                  | 25.6         | 34.0                           | 40.4                         |
| Independent                                | 2.3          | 87.3                           | 10.4                         |
| No dependents, unmarried                   | 3.1          | 80.2                           | 16.7                         |
| No dependents, married                     | 2.1          | 94.1                           | 3.9                          |
| With dependents                            | 1.8          | 89.9                           | 8.3                          |
| <b>Age as of 12/31/95</b>                  |              |                                |                              |
| 18 years or younger                        | 39.1         | 13.1                           | 47.8                         |
| 19–23 years                                | 20.3         | 43.0                           | 36.7                         |
| 24–29 years                                | 2.8          | 82.4                           | 14.9                         |
| 30–39 years                                | 1.5          | 92.2                           | 6.4                          |
| 40 years or older                          | 0.9          | 96.1                           | 3.0                          |
| <b>Dependency and income level in 1994</b> |              |                                |                              |
| <b>Dependent</b>                           |              |                                |                              |
| Less than \$20,000                         | 22.2         | 30.6                           | 47.1                         |
| \$20,000–39,999                            | 23.6         | 33.1                           | 43.3                         |
| \$40,000–59,999                            | 25.7         | 35.6                           | 38.7                         |
| \$60,000–79,999                            | 27.0         | 33.8                           | 39.2                         |
| \$80,000–99,999                            | 28.5         | 33.8                           | 37.7                         |
| \$100,000 or more                          | 31.1         | 38.9                           | 30.0                         |
| <b>Independent</b>                         |              |                                |                              |
| Less than \$10,000                         | 4.5          | 77.0                           | 18.5                         |
| \$10,000–19,999                            | 1.8          | 86.3                           | 11.9                         |
| \$20,000–29,999                            | 1.2          | 92.2                           | 6.7                          |
| \$30,000–49,999                            | 1.2          | 94.2                           | 4.7                          |
| \$50,000 or more                           | 1.1          | 95.8                           | 3.1                          |

**Table 4.9—Percentage distribution of undergraduates according to their local residence while enrolled:  
1995–96—Continued**

|  | On<br>campus | Off campus,<br>not with family | With parents<br>or relatives |
|--|--------------|--------------------------------|------------------------------|
| Marital status                         |              |                                |                              |
| Not married                            | 17.3         | 51.4                           | 31.3                         |
| Married                                | 1.8          | 94.4                           | 3.8                          |
| Separated                              | 2.1          | 85.0                           | 12.9                         |
| Single parent                          |              |                                |                              |
| No                                     | 15.2         | 58.1                           | 26.7                         |
| Yes                                    | 1.9          | 85.1                           | 13.0                         |
| Number of dependents                   |              |                                |                              |
| None                                   | 17.6         | 51.7                           | 30.6                         |
| One or more                            | 1.8          | 89.9                           | 8.3                          |
| Parents' education                     |              |                                |                              |
| Less than high school diploma          | 4.5          | 73.1                           | 22.5                         |
| High school diploma or equivalent      | 11.2         | 61.9                           | 26.9                         |
| Some postsecondary education           | 12.9         | 52.8                           | 34.3                         |
| Bachelor's degree or higher            | 22.5         | 51.3                           | 26.3                         |
| Disability status                      |              |                                |                              |
| No                                     | 14.8         | 58.0                           | 27.2                         |
| Yes                                    | 12.0         | 62.7                           | 25.3                         |
| Primary role if working while enrolled |              |                                |                              |
| Student working to meet expenses       | 18.6         | 46.4                           | 35.0                         |
| Employee enrolled in school            | 2.4          | 77.4                           | 20.2                         |
| Average hours worked while enrolled    |              |                                |                              |
| Did not work                           | 22.9         | 56.1                           | 21.0                         |
| 1–15 hours                             | 36.2         | 40.6                           | 23.2                         |
| 16–20 hours                            | 16.0         | 47.0                           | 37.0                         |
| 21–34 hours                            | 9.8          | 49.7                           | 40.5                         |
| 35 hours or more                       | 3.7          | 73.6                           | 22.8                         |

\*Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 4.10—Percentage distribution of undergraduates according to citizenship and federal financial aid eligibility status: 1995–96**

|                                     | U.S.<br>citizen | Noncitizen,<br>eligible | Noncitizen,<br>not eligible |
|-------------------------------------|-----------------|-------------------------|-----------------------------|
| Total                               | 95.1            | 4.2                     | 0.6                         |
| Level of institution                |                 |                         |                             |
| Less-than-2-year                    | 93.5            | 6.4                     | 0.1                         |
| 2-year                              | 95.3            | 4.4                     | 0.4                         |
| 4-year                              | 95.3            | 3.7                     | 1.0                         |
| More than one institution           | 93.0            | 6.7                     | 0.3                         |
| Control of institution <sup>1</sup> |                 |                         |                             |
| Public                              | 95.4            | 4.1                     | 0.6                         |
| Private, not-for-profit             | 95.3            | 3.4                     | 1.2                         |
| Private, for-profit                 | 92.8            | 6.7                     | 0.5                         |
| Institution type <sup>1</sup>       |                 |                         |                             |
| Public                              |                 |                         |                             |
| Less-than-2-year                    | 96.3            | 3.7                     | 0.0                         |
| 2-year                              | 95.4            | 4.3                     | 0.3                         |
| 4-year nondoctorate-granting        | 95.3            | 3.9                     | 0.8                         |
| 4-year doctorate-granting           | 95.3            | 3.8                     | 0.9                         |
| Private, not-for-profit             |                 |                         |                             |
| Less-than-4-year                    | 93.3            | 6.1                     | 0.6                         |
| 4-year nondoctorate-granting        | 96.7            | 2.6                     | 0.7                         |
| 4-year doctorate-granting           | 93.1            | 4.5                     | 2.4                         |
| Private, for-profit                 | 92.8            | 6.7                     | 0.5                         |
| Class level                         |                 |                         |                             |
| First-year beginning                | 94.1            | 5.2                     | 0.8                         |
| Other first year                    | 95.0            | 4.5                     | 0.5                         |
| Second year                         | 95.3            | 4.2                     | 0.5                         |
| Third year                          | 95.1            | 4.1                     | 0.8                         |
| Fourth or fifth year                | 96.1            | 3.0                     | 0.9                         |
| Unclassified                        | 96.6            | 3.1                     | 0.4                         |
| Attendance intensity                |                 |                         |                             |
| Exclusively full-time               | 94.7            | 4.6                     | 0.8                         |
| Mixed full-time and part-time       | 94.3            | 4.8                     | 0.9                         |
| Exclusively part-time               | 96.4            | 3.3                     | 0.4                         |
| Attendance status                   |                 |                         |                             |
| Full-time, full-year                | 94.6            | 4.6                     | 0.9                         |
| Full-time, part-year                | 94.1            | 5.0                     | 0.9                         |
| Part-time, full-year                | 94.9            | 4.7                     | 0.4                         |
| Part-time, part-year                | 96.8            | 2.8                     | 0.5                         |

**Table 4.10—Percentage distribution of undergraduates according to citizenship and federal financial aid eligibility status: 1995–96—Continued**

|  | U.S.<br>citizen | Noncitizen,<br>eligible | Noncitizen,<br>not eligible |
|--|-----------------|-------------------------|-----------------------------|
| <b>Undergraduate program</b>               |                 |                         |                             |
| Certificate                                | 92.9            | 6.8                     | 0.3                         |
| Associate's degree                         | 95.4            | 4.3                     | 0.4                         |
| Bachelor's degree                          | 95.3            | 3.7                     | 1.0                         |
| Nondegree program                          | 97.7            | 2.0                     | 0.3                         |
| <b>Gender</b>                              |                 |                         |                             |
| Male                                       | 94.8            | 4.4                     | 0.8                         |
| Female                                     | 95.3            | 4.1                     | 0.5                         |
| <b>Race–ethnicity</b>                      |                 |                         |                             |
| White, non-Hispanic                        | 98.7            | 1.2                     | 0.2                         |
| Black, non-Hispanic                        | 94.9            | 4.5                     | 0.6                         |
| Hispanic                                   | 88.6            | 11.2                    | 0.2                         |
| Asian/Pacific Islander                     | 66.0            | 27.1                    | 6.9                         |
| American Indian/Alaskan Native             | 97.8            | 2.1                     | 0.1                         |
| <b>Dependency status</b>                   |                 |                         |                             |
| Dependent                                  | 95.3            | 4.0                     | 0.7                         |
| Independent                                | 94.9            | 4.5                     | 0.5                         |
| No dependents, unmarried                   | 94.4            | 4.6                     | 1.0                         |
| No dependents, married                     | 94.1            | 5.4                     | 0.5                         |
| With dependents                            | 95.6            | 4.2                     | 0.2                         |
| <b>Age as of 12/31/95</b>                  |                 |                         |                             |
| 18 years or younger                        | 96.2            | 3.5                     | 0.4                         |
| 19–23 years                                | 95.1            | 4.2                     | 0.8                         |
| 24–29 years                                | 93.6            | 5.4                     | 1.0                         |
| 30–39 years                                | 95.4            | 4.1                     | 0.5                         |
| 40 years or older                          | 96.6            | 3.4                     | 0.1                         |
| <b>Dependency and income level in 1994</b> |                 |                         |                             |
| <b>Dependent</b>                           |                 |                         |                             |
| Less than \$20,000                         | 89.2            | 9.9                     | 0.9                         |
| \$20,000–39,999                            | 93.8            | 5.6                     | 0.6                         |
| \$40,000–59,999                            | 97.8            | 1.5                     | 0.7                         |
| \$60,000–79,999                            | 98.1            | 1.4                     | 0.5                         |
| \$80,000–99,999                            | 98.2            | 1.2                     | 0.6                         |
| \$100,000 or more                          | 97.4            | 1.4                     | 1.3                         |
| <b>Independent</b>                         |                 |                         |                             |
| Less than \$10,000                         | 93.3            | 6.2                     | 0.6                         |
| \$10,000–19,999                            | 93.5            | 6.1                     | 0.5                         |
| \$20,000–29,999                            | 96.5            | 3.0                     | 0.5                         |
| \$30,000–49,999                            | 95.9            | 3.6                     | 0.5                         |
| \$50,000 or more                           | 97.7            | 1.7                     | 0.7                         |

**Table 4.10—Percentage distribution of undergraduates according to citizenship and federal financial aid eligibility status: 1995–96—Continued**

|   | U.S.<br>citizen | Noncitizen,<br>eligible | Noncitizen,<br>not eligible |
|---|-----------------|-------------------------|-----------------------------|
| Marital status                                      |                 |                         |                             |
| Not married   | 95.3            | 3.9                     | 0.8                         |
| Married   | 94.6            | 5.1                     | 0.3                         |
| Separated   | 92.6            | 7.4                     | 0.0                         |
| Single parent                                       |                 |                         |                             |
| No  | 94.9            | 4.4                     | 0.7                         |
| Yes   | 96.6            | 3.2                     | 0.3                         |
| Number of dependents                                |                 |                         |                             |
| None  | 95.0            | 4.3                     | 0.8                         |
| One or more   | 95.6            | 4.2                     | 0.2                         |
| Parents' education                                  |                 |                         |                             |
| Less than high school diploma                       | 81.1            | 17.3                    | 1.6                         |
| High school diploma or equivalent                   | 95.9            | 3.6                     | 0.4                         |
| Some postsecondary education                        | 97.3            | 2.2                     | 0.6                         |
| Bachelor's degree or higher                         | 93.9            | 4.3                     | 1.9                         |
| Disability status <sup>2</sup>                      |                 |                         |                             |
| No  | 94.2            | 4.8                     | 1.0                         |
| Yes   | 97.5            | 2.1                     | 0.4                         |
| Primary role if working while enrolled <sup>2</sup> |                 |                         |                             |
| Student working to meet expenses                    | 94.1            | 5.4                     | 0.5                         |
| Employee enrolled in school                         | 97.7            | 2.2                     | 0.1                         |
| Average hours worked while enrolled                 |                 |                         |                             |
| Did not work  | 90.3            | 6.3                     | 3.4                         |
| 1–15 hours  | 92.2            | 6.7                     | 1.1                         |
| 16–20 hours   | 94.2            | 5.2                     | 0.6                         |
| 21–34 hours   | 96.7            | 3.2                     | 0.1                         |
| 35 hours or more                                    | 96.5            | 3.5                     | 0.1                         |

<sup>1</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>2</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as “primary role,” which includes only working students.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.



## SECTION 5: FINANCIAL AID

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- Half of 1995-96 undergraduates received some form of financial aid, averaging about \$4,900. About 39 percent received grant aid and about one-fourth (26 percent) received student loans (table 5.1).

### DEPENDENT STUDENT FINANCIAL AID

- About one-half (51 percent) of dependent undergraduates received some form of financial aid, averaging about \$5,900. Approximately 39 percent of dependent undergraduates received federal financial aid (table 5.2a).
- Consistent with financial aid policies, dependent undergraduates from lower income families were much more likely to receive financial aid than those from families with higher incomes. For example, undergraduates whose families earned under \$20,000 a year were more likely to receive financial aid than students from families who earned \$20,000-39,999; the latter group of students, in turn, were more likely to receive financial aid than undergraduates from families earning \$40,000-59,999 (table 5.2a).
- About 39 percent of dependent undergraduates received grants (averaging about \$3,600), and 31 percent of students took out student loans (averaging about \$3,700; table 5.2a).
- Dependent students in private, for-profit institutions were also more likely to receive federal financial aid (69 percent) than dependents in either public or private, not-for-profit institutions (31 percent and 57 percent, respectively; table 5.2a).
- Students in public 4-year doctorate-granting institutions were less likely to receive federal aid (42 percent) than their counterparts in private, not-for-profit 4-year institutions (61 percent of students in private, not-for-profit 4-year nondoctorate-granting institutions received federal aid, and 49 percent of students in comparable doctorate-granting institutions did so; table 5.2a).
- Also consistent with financial aid policies for low-income students,<sup>37</sup> significantly higher proportions of black, non-Hispanic undergraduates received financial aid (68 percent) than white, non-Hispanics (48 percent) or Asian/Pacific Islanders (48 percent; table 5.2a).

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<sup>37</sup>As shown in table 4.5b, black, non-Hispanics reported lower incomes than white, non-Hispanics or Asian/Pacific Islanders.

## INDEPENDENT STUDENT FINANCIAL AID

- Almost one-half (49 percent) of independent undergraduates received some form of financial aid, averaging about \$3,900. Approximately 33 percent of independent undergraduates received federal financial aid (table 5.2b).
- About 39 percent of independent undergraduates received grants (averaging about \$1,800), compared with 21 percent who received student loans (averaging about \$4,600; table 5.2b).
- Independent undergraduates attending private, for-profit institutions were substantially more likely to receive federal financial aid (70 percent) than independent students attending public (26 percent) or private, not-for-profit institutions (41 percent; table 5.2b).
- Independent Asian/Pacific Islanders were less likely than their counterparts from any other racial-ethnic group to receive financial aid; however, among those who received aid, independents from all racial-ethnic groups received similar amounts, on average (\$3,600-4,300; table 5.2b).
- Financially independent black, non-Hispanic undergraduates (who were more likely to have lower incomes, as shown in table 4.5b), were also more likely to receive some form of financial aid (60 percent) than were independent white, non-Hispanic undergraduates (46 percent; table 5.2b).

**Table 5.1—Percentage of undergraduates receiving financial aid for postsecondary education and among those receiving aid, the average amount of aid received: 1995–96**

|                                     | Received<br>any<br>aid | Received<br>federal<br>aid | Received<br>grants | Received<br>loans | Average<br>total aid<br>amount | Average<br>grant<br>amount | Average<br>loan<br>amount |
|-------------------------------------|------------------------|----------------------------|--------------------|-------------------|--------------------------------|----------------------------|---------------------------|
| Total                               | 49.7                   | 35.7                       | 39.0               | 25.6              | \$4,926                        | \$2,716                    | \$4,074                   |
| Level of institution                |                        |                            |                    |                   |                                |                            |                           |
| Less-than-2-year                    | 62.1                   | 50.6                       | 45.8               | 37.1              | 4,316                          | 1,884                      | 3,944                     |
| 2-year                              | 35.6                   | 21.3                       | 29.3               | 9.4               | 2,337                          | 1,370                      | 3,243                     |
| 4-year                              | 60.3                   | 45.7                       | 46.9               | 38.7              | 6,618                          | 3,746                      | 4,342                     |
| More than one institution           | 76.5                   | 69.8                       | 52.9               | 50.7              | 4,415                          | 1,932                      | 3,697                     |
| Control of institution <sup>1</sup> |                        |                            |                    |                   |                                |                            |                           |
| Public                              | 41.9                   | 28.1                       | 32.7               | 18.2              | 3,684                          | 1,925                      | 3,867                     |
| Private, not-for-profit             | 69.9                   | 50.8                       | 59.7               | 44.0              | 8,642                          | 5,252                      | 4,585                     |
| Private, for-profit                 | 77.1                   | 69.6                       | 54.9               | 55.8              | 5,049                          | 1,979                      | 4,141                     |
| Institution type <sup>1</sup>       |                        |                            |                    |                   |                                |                            |                           |
| Public                              |                        |                            |                    |                   |                                |                            |                           |
| Less-than-2-year                    | 34.2                   | 13.8                       | 26.9               | 3.0               | 2,054                          | 1,734                      | 3,630                     |
| 2-year                              | 32.8                   | 18.1                       | 27.6               | 6.3               | 1,890                          | 1,255                      | 2,739                     |
| 4-year nondoctorate-granting        | 55.1                   | 44.0                       | 41.3               | 34.4              | 4,615                          | 2,258                      | 3,811                     |
| 4-year doctorate-granting           | 55.3                   | 42.2                       | 39.6               | 36.5              | 5,672                          | 2,821                      | 4,372                     |
| Private, not-for-profit             |                        |                            |                    |                   |                                |                            |                           |
| Less-than-4-year                    | 61.9                   | 50.9                       | 46.9               | 35.2              | 4,845                          | 2,529                      | 4,236                     |
| 4-year nondoctorate-granting        | 74.3                   | 53.8                       | 64.4               | 46.6              | 8,056                          | 4,815                      | 4,448                     |
| 4-year doctorate-granting           | 63.2                   | 44.6                       | 53.5               | 41.2              | 11,090                         | 6,996                      | 4,988                     |
| Private, for-profit                 | 77.1                   | 69.6                       | 54.9               | 55.8              | 5,049                          | 1,979                      | 4,141                     |
| Class level                         |                        |                            |                    |                   |                                |                            |                           |
| First-year beginning                | 61.2                   | 45.9                       | 50.7               | 30.8              | 4,975                          | 3,093                      | 3,122                     |
| Other first year                    | 40.1                   | 26.9                       | 31.4               | 16.0              | 3,379                          | 1,847                      | 3,512                     |
| Second year                         | 49.8                   | 35.8                       | 39.6               | 24.8              | 4,620                          | 2,622                      | 3,774                     |
| Third year                          | 60.3                   | 46.7                       | 46.1               | 40.6              | 7,074                          | 3,688                      | 5,012                     |
| Fourth or fifth year                | 58.0                   | 43.9                       | 43.5               | 38.4              | 6,654                          | 3,389                      | 5,152                     |
| Unclassified                        | 33.3                   | 16.7                       | 23.7               | 12.9              | 3,186                          | 1,410                      | 4,044                     |
| Attendance status                   |                        |                            |                    |                   |                                |                            |                           |
| Full-time, full-year                | 68.4                   | 54.9                       | 54.1               | 43.7              | 6,832                          | 3,864                      | 4,345                     |
| Full-time, part-year                | 51.8                   | 39.5                       | 39.7               | 24.6              | 3,282                          | 1,656                      | 3,320                     |
| Part-time, full-year                | 44.1                   | 28.4                       | 34.6               | 18.2              | 3,305                          | 1,664                      | 3,946                     |
| Part-time, part-year                | 25.2                   | 10.8                       | 20.0               | 5.3               | 1,555                          | 840                        | 2,970                     |
| Undergraduate program               |                        |                            |                    |                   |                                |                            |                           |
| Certificate                         | 51.0                   | 35.3                       | 38.1               | 23.4              | 3,761                          | 1,839                      | 3,956                     |
| Associate's degree                  | 39.0                   | 26.0                       | 31.8               | 12.9              | 2,733                          | 1,522                      | 3,307                     |
| Bachelor's degree                   | 62.3                   | 48.0                       | 48.4               | 41.0              | 6,709                          | 3,775                      | 4,344                     |
| Nondegree program                   | 24.7                   | 8.2                        | 18.6               | 5.1               | 1,951                          | 1,015                      | 3,842                     |

**Table 5.1—Percentage of undergraduates receiving financial aid for postsecondary education and among those receiving aid, the average amount of aid received: 1995–96—Continued**

|  | Received<br>any<br>aid | Received<br>federal<br>aid | Received<br>grants | Received<br>loans | Average<br>total aid<br>amount | Average<br>grant<br>amount | Average<br>loan<br>amount |
|--|------------------------|----------------------------|--------------------|-------------------|--------------------------------|----------------------------|---------------------------|
| <b>Gender</b>                              |                        |                            |                    |                   |                                |                            |                           |
| Male                                       | 46.7                   | 31.7                       | 35.8               | 24.4              | \$5,110                        | \$2,723                    | \$4,137                   |
| Female                                     | 51.9                   | 38.7                       | 41.4               | 26.5              | 4,801                          | 2,712                      | 4,030                     |
| <b>Race—ethnicity</b>                      |                        |                            |                    |                   |                                |                            |                           |
| White, non-Hispanic                        | 47.1                   | 32.3                       | 35.4               | 25.6              | 5,009                          | 2,669                      | 4,155                     |
| Black, non-Hispanic                        | 62.9                   | 48.7                       | 52.8               | 30.9              | 4,700                          | 2,619                      | 3,833                     |
| Hispanic                                   | 54.2                   | 43.8                       | 47.3               | 22.3              | 4,152                          | 2,407                      | 3,880                     |
| Asian/Pacific Islander                     | 42.9                   | 32.5                       | 35.7               | 21.3              | 6,268                          | 4,144                      | 4,007                     |
| American Indian/Alaskan Native             | 59.4                   | 45.6                       | 48.4               | 25.2              | 4,642                          | 2,959                      | 3,848                     |
| <b>Dependency status</b>                   |                        |                            |                    |                   |                                |                            |                           |
| Dependent                                  | 50.9                   | 38.8                       | 38.8               | 30.5              | 5,923                          | 3,626                      | 3,685                     |
| Independent                                | 48.5                   | 32.7                       | 39.2               | 20.9              | 3,915                          | 1,846                      | 4,626                     |
| No dependents, unmarried                   | 45.0                   | 30.9                       | 32.4               | 24.6              | 4,642                          | 1,939                      | 4,943                     |
| No dependents, married                     | 36.3                   | 18.0                       | 25.6               | 12.9              | 3,261                          | 1,595                      | 4,911                     |
| With dependents                            | 55.4                   | 39.2                       | 48.9               | 21.1              | 3,646                          | 1,849                      | 4,298                     |
| <b>Age as of 12/31/95</b>                  |                        |                            |                    |                   |                                |                            |                           |
| 18 years or younger                        | 57.2                   | 42.6                       | 47.7               | 30.5              | 5,782                          | 3,757                      | 2,991                     |
| 19–23 years                                | 52.7                   | 41.3                       | 40.4               | 31.2              | 5,675                          | 3,303                      | 3,929                     |
| 24–29 years                                | 49.0                   | 36.0                       | 38.5               | 25.8              | 4,437                          | 1,860                      | 4,736                     |
| 30–39 years                                | 47.0                   | 28.2                       | 38.2               | 17.8              | 3,583                          | 1,739                      | 4,747                     |
| 40 years or older                          | 36.8                   | 17.9                       | 28.7               | 10.4              | 2,983                          | 1,616                      | 4,304                     |
| <b>Dependency and income level in 1994</b> |                        |                            |                    |                   |                                |                            |                           |
| <b>Dependent</b>                           |                        |                            |                    |                   |                                |                            |                           |
| Less than \$20,000                         | 70.2                   | 62.6                       | 66.3               | 35.4              | 5,799                          | 3,723                      | 3,530                     |
| \$20,000–39,999                            | 60.3                   | 49.1                       | 51.0               | 38.2              | 6,111                          | 3,591                      | 3,719                     |
| \$40,000–59,999                            | 47.4                   | 34.2                       | 30.4               | 32.4              | 6,009                          | 3,680                      | 3,670                     |
| \$60,000–79,999                            | 42.5                   | 27.8                       | 25.3               | 27.0              | 5,809                          | 3,566                      | 3,797                     |
| \$80,000–99,999                            | 37.6                   | 24.0                       | 20.4               | 23.3              | 5,945                          | 3,546                      | 3,676                     |
| \$100,000 or more                          | 27.5                   | 13.6                       | 17.3               | 12.6              | 5,536                          | 3,194                      | 3,944                     |
| <b>Independent</b>                         |                        |                            |                    |                   |                                |                            |                           |
| Less than \$10,000                         | 67.4                   | 57.9                       | 60.5               | 34.0              | 4,763                          | 2,235                      | 4,555                     |
| \$10,000–19,999                            | 50.6                   | 36.7                       | 38.4               | 23.7              | 3,916                          | 1,765                      | 4,630                     |
| \$20,000–29,999                            | 41.9                   | 24.7                       | 34.0               | 15.7              | 3,333                          | 1,370                      | 4,627                     |
| \$30,000–49,999                            | 36.3                   | 14.7                       | 24.7               | 12.3              | 3,020                          | 1,331                      | 4,922                     |
| \$50,000 or more                           | 29.3                   | 5.8                        | 20.7               | 5.9               | 2,235                          | 1,419                      | 4,659                     |
| <b>Marital status</b>                      |                        |                            |                    |                   |                                |                            |                           |
| Not married                                | 50.4                   | 37.7                       | 39.4               | 27.9              | 5,320                          | 3,002                      | 3,990                     |
| Married                                    | 45.2                   | 26.1                       | 35.4               | 16.8              | 3,468                          | 1,680                      | 4,623                     |
| Separated                                  | 70.9                   | 59.0                       | 62.0               | 30.0              | 3,827                          | 1,895                      | 3,893                     |

**Table 5.1—Percentage of undergraduates receiving financial aid for postsecondary education and among those receiving aid, the average amount of aid received: 1995–96—Continued**

|   | Received<br>any<br>aid | Received<br>federal<br>aid | Received<br>grants | Received<br>loans | Average<br>total aid<br>amount | Average<br>grant<br>amount | Average<br>loan<br>amount |
|---|------------------------|----------------------------|--------------------|-------------------|--------------------------------|----------------------------|---------------------------|
| Single parent                                       |                        |                            |                    |                   |                                |                            |                           |
| No  | 48.8                   | 34.8                       | 37.3               | 26.2              | \$5,102                        | \$2,850                    | \$4,062                   |
| Yes   | 56.7                   | 43.4                       | 53.0               | 21.3              | 3,704                          | 1,958                      | 4,198                     |
| Number of dependents                                |                        |                            |                    |                   |                                |                            |                           |
| None  | 47.8                   | 34.6                       | 35.8               | 27.1              | 5,407                          | 3,101                      | 4,018                     |
| One or more   | 55.4                   | 39.2                       | 48.9               | 21.1              | 3,646                          | 1,849                      | 4,298                     |
| Parents' education                                  |                        |                            |                    |                   |                                |                            |                           |
| Less than high school diploma                       | 56.2                   | 37.0                       | 48.7               | 17.9              | 3,549                          | 2,298                      | 3,688                     |
| High school diploma or equivalent                   | 64.8                   | 45.6                       | 53.1               | 31.8              | 4,482                          | 2,399                      | 3,956                     |
| Some postsecondary education                        | 49.8                   | 33.0                       | 40.0               | 25.1              | 4,748                          | 2,497                      | 4,055                     |
| Bachelor's degree or higher                         | 47.1                   | 30.5                       | 35.5               | 25.7              | 5,801                          | 3,370                      | 4,240                     |
| Disability status <sup>2</sup>                      |                        |                            |                    |                   |                                |                            |                           |
| No  | 53.2                   | 36.2                       | 42.6               | 26.4              | 4,840                          | 2,698                      | 4,040                     |
| Yes   | 53.5                   | 37.3                       | 39.2               | 25.2              | 4,864                          | 2,490                      | 4,165                     |
| Primary role if working while enrolled <sup>2</sup> |                        |                            |                    |                   |                                |                            |                           |
| Student working to meet expenses                    | 56.8                   | 44.2                       | 44.0               | 35.4              | 5,988                          | 3,274                      | 4,146                     |
| Employee enrolled in school                         | 46.2                   | 16.7                       | 39.5               | 10.0              | 2,171                          | 1,309                      | 3,961                     |
| Average hours worked while enrolled                 |                        |                            |                    |                   |                                |                            |                           |
| Did not work  | 58.9                   | 44.3                       | 47.7               | 28.4              | 5,133                          | 2,961                      | 3,902                     |
| 1–15 hours  | 67.3                   | 53.9                       | 54.1               | 44.6              | 7,631                          | 4,582                      | 4,245                     |
| 16–20 hours   | 55.1                   | 43.7                       | 44.6               | 32.3              | 5,778                          | 2,956                      | 4,219                     |
| 21–34 hours   | 52.3                   | 39.9                       | 38.0               | 31.0              | 4,666                          | 2,378                      | 4,071                     |
| 35 hours or more                                    | 44.3                   | 20.4                       | 36.3               | 14.1              | 2,749                          | 1,473                      | 3,834                     |

<sup>1</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>2</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as “primary role,” which includes only working students.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 5.2a—Percentage of dependent undergraduates receiving financial aid for postsecondary education and among those receiving aid, the average amount of aid received: 1995–96**

|                                     | Received any aid | Received federal aid | Received grants | Received loans | Average total aid amount | Average grant amount | Average loan amount |
|-------------------------------------|------------------|----------------------|-----------------|----------------|--------------------------|----------------------|---------------------|
| Total                               | 50.9             | 38.8                 | 38.8            | 30.5           | \$5,923                  | \$3,626              | \$3,685             |
| Level of institution                |                  |                      |                 |                |                          |                      |                     |
| Less-than-2-year                    | 57.6             | 49.7                 | 36.3            | 40.0           | 4,197                    | 1,564                | 3,163               |
| 2-year                              | 29.2             | 19.3                 | 23.3            | 9.4            | 2,386                    | 1,554                | 2,631               |
| 4-year                              | 62.1             | 48.0                 | 47.8            | 41.4           | 7,124                    | 4,407                | 3,890               |
| More than one institution           | 72.1             | 66.7                 | 44.9            | 50.6           | 4,611                    | 2,251                | 3,278               |
| Control of institution <sup>1</sup> |                  |                      |                 |                |                          |                      |                     |
| Public                              | 42.4             | 30.8                 | 31.2            | 22.5           | 4,215                    | 2,401                | 3,470               |
| Private, not-for-profit             | 73.4             | 56.7                 | 64.3            | 50.7           | 10,051                   | 6,285                | 4,180               |
| Private, for-profit                 | 73.0             | 69.3                 | 45.4            | 58.6           | 5,133                    | 1,857                | 3,488               |
| Institution type <sup>1</sup>       |                  |                      |                 |                |                          |                      |                     |
| Public                              |                  |                      |                 |                |                          |                      |                     |
| Less-than-2-year                    | 25.7             | 9.4                  | 19.3            | 2.4            | 1,477                    | 1,287                | —                   |
| 2-year                              | 26.4             | 16.3                 | 21.7            | 6.4            | 1,866                    | 1,443                | 2,144               |
| 4-year nondoctorate-granting        | 57.8             | 47.2                 | 40.8            | 37.4           | 4,518                    | 2,433                | 3,424               |
| 4-year doctorate-granting           | 55.5             | 41.5                 | 38.9            | 36.1           | 5,541                    | 3,100                | 3,807               |
| Private, not-for-profit             |                  |                      |                 |                |                          |                      |                     |
| Less-than-4-year                    | 62.6             | 50.4                 | 48.9            | 36.8           | 5,021                    | 2,896                | 3,299               |
| 4-year nondoctorate-granting        | 79.1             | 61.4                 | 70.1            | 54.6           | 9,232                    | 5,684                | 4,031               |
| 4-year doctorate-granting           | 64.7             | 49.2                 | 55.9            | 45.5           | 12,420                   | 7,984                | 4,584               |
| Private, for-profit                 | 73.0             | 69.3                 | 45.4            | 58.6           | 5,133                    | 1,857                | 3,488               |
| Class level                         |                  |                      |                 |                |                          |                      |                     |
| First-year beginning                | 59.8             | 45.2                 | 49.3            | 32.7           | 5,584                    | 3,618                | 2,925               |
| Other first year                    | 35.6             | 27.0                 | 26.6            | 19.0           | 4,199                    | 2,490                | 2,975               |
| Second year                         | 51.4             | 40.5                 | 38.5            | 31.8           | 5,900                    | 3,701                | 3,538               |
| Third year                          | 60.3             | 47.2                 | 44.3            | 42.2           | 7,573                    | 4,383                | 4,637               |
| Fourth or fifth year                | 59.4             | 43.7                 | 43.1            | 38.8           | 7,141                    | 4,290                | 4,733               |
| Unclassified                        | 28.0             | 18.0                 | 17.3            | 16.1           | 4,234                    | 2,054                | 3,602               |
| Attendance intensity                |                  |                      |                 |                |                          |                      |                     |
| Exclusively full-time               | 61.0             | 47.5                 | 47.6            | 38.6           | 6,593                    | 4,068                | 3,706               |
| Mixed full-time and part-time       | 47.6             | 35.1                 | 33.2            | 28.0           | 4,991                    | 2,833                | 3,810               |
| Exclusively part-time               | 18.8             | 11.1                 | 13.7            | 6.3            | 2,074                    | 1,171                | 2,821               |
| Attendance status                   |                  |                      |                 |                |                          |                      |                     |
| Full-time, full-year                | 64.8             | 50.2                 | 50.5            | 41.2           | 6,938                    | 4,279                | 3,900               |
| Full-time, part-year                | 42.5             | 33.1                 | 31.4            | 23.5           | 3,355                    | 1,782                | 2,710               |
| Part-time, full-year                | 36.5             | 26.6                 | 26.1            | 18.5           | 3,669                    | 1,955                | 3,304               |
| Part-time, part-year                | 17.2             | 10.1                 | 12.2            | 5.6            | 1,848                    | 1,033                | 2,543               |
| Undergraduate program               |                  |                      |                 |                |                          |                      |                     |
| Certificate                         | 49.3             | 40.4                 | 34.4            | 29.9           | 4,951                    | 2,803                | 3,282               |
| Associate's degree                  | 33.7             | 24.5                 | 25.9            | 13.6           | 2,897                    | 1,686                | 2,877               |
| Bachelor's degree                   | 63.1             | 48.8                 | 48.4            | 42.3           | 7,099                    | 4,392                | 3,889               |
| Nondegree program                   | 27.7             | 16.1                 | 17.3            | 12.1           | 3,407                    | 1,675                | 3,312               |

**Table 5.2a—Percentage of dependent undergraduates receiving financial aid for postsecondary education and among those receiving aid, the average amount of aid received: 1995–96—Continued**

|   | Received<br>any<br>aid | Received<br>federal<br>aid | Received<br>grants | Received<br>loans | Average<br>total aid<br>amount | Average<br>grant<br>amount | Average<br>loan<br>amount |
|---|------------------------|----------------------------|--------------------|-------------------|--------------------------------|----------------------------|---------------------------|
| <b>Gender</b>                                 |                        |                            |                    |                   |                                |                            |                           |
| Male  | 48.0                   | 36.1                       | 36.3               | 28.8              | \$5,818                        | \$3,472                    | \$3,715                   |
| Female  | 53.5                   | 41.3                       | 41.0               | 32.1              | 6,008                          | 3,748                      | 3,660                     |
| <b>Race–ethnicity</b>                         |                        |                            |                    |                   |                                |                            |                           |
| White, non-Hispanic                           | 48.2                   | 34.8                       | 34.7               | 30.0              | 5,939                          | 3,573                      | 3,737                     |
| Black, non-Hispanic                           | 67.6                   | 58.5                       | 55.8               | 42.6              | 6,156                          | 3,681                      | 3,616                     |
| Hispanic                                      | 55.6                   | 48.3                       | 48.7               | 25.4              | 4,727                          | 3,011                      | 3,326                     |
| Asian/Pacific Islander                        | 48.2                   | 38.7                       | 40.7               | 27.0              | 7,339                          | 5,026                      | 3,749                     |
| American Indian/Alaskan Native                | 57.6                   | 48.4                       | 50.0               | 31.4              | 5,391                          | 3,415                      | 3,133                     |
| <b>Age as of 12/31/95<sup>2</sup></b>         |                        |                            |                    |                   |                                |                            |                           |
| 18 years or younger                           | 56.4                   | 41.6                       | 46.7               | 30.5              | 5,890                          | 3,850                      | 2,955                     |
| 19–23 years                                   | 49.6                   | 38.2                       | 37.0               | 30.5              | 5,932                          | 3,560                      | 3,853                     |
| <b>Dependents' family income in 1994</b>      |                        |                            |                    |                   |                                |                            |                           |
| Less than \$20,000                            | 70.2                   | 62.6                       | 66.3               | 35.4              | 5,799                          | 3,723                      | 3,530                     |
| \$20,000–39,999                               | 60.3                   | 49.1                       | 51.0               | 38.2              | 6,111                          | 3,591                      | 3,719                     |
| \$40,000–59,999                               | 47.4                   | 34.2                       | 30.4               | 32.4              | 6,009                          | 3,680                      | 3,670                     |
| \$60,000–79,999                               | 42.5                   | 27.8                       | 25.3               | 27.0              | 5,809                          | 3,566                      | 3,797                     |
| \$80,000–99,999                               | 37.6                   | 24.0                       | 20.4               | 23.3              | 5,945                          | 3,546                      | 3,676                     |
| \$100,000 or more                             | 27.5                   | 13.6                       | 17.3               | 12.6              | 5,536                          | 3,194                      | 3,944                     |
| <b>Parents' education</b>                     |                        |                            |                    |                   |                                |                            |                           |
| Less than high school diploma                 | 65.2                   | 57.9                       | 57.5               | 29.7              | 5,186                          | 3,675                      | 3,245                     |
| High school diploma or equivalent             | 68.3                   | 58.8                       | 54.2               | 44.7              | 5,852                          | 3,379                      | 3,580                     |
| Some postsecondary education                  | 44.7                   | 32.2                       | 34.9               | 26.4              | 5,670                          | 3,219                      | 3,667                     |
| Bachelor's degree or higher                   | 48.6                   | 31.4                       | 35.8               | 27.2              | 6,420                          | 4,110                      | 3,915                     |
| <b>Disability status</b>                      |                        |                            |                    |                   |                                |                            |                           |
| No  | 53.2                   | 40.0                       | 41.1               | 31.7              | 6,015                          | 3,651                      | 3,694                     |
| Yes   | 47.7                   | 33.8                       | 34.9               | 25.7              | 5,645                          | 3,361                      | 3,544                     |
| <b>Primary role if working while enrolled</b> |                        |                            |                    |                   |                                |                            |                           |
| Student working to meet expenses              | 54.5                   | 42.0                       | 41.5               | 35.0              | 6,480                          | 3,887                      | 3,861                     |
| Employee enrolled in school                   | 34.9                   | 19.1                       | 27.2               | 11.7              | 2,915                          | 1,780                      | 3,140                     |
| <b>Average hours worked while enrolled</b>    |                        |                            |                    |                   |                                |                            |                           |
| Did not work                                  | 57.9                   | 41.8                       | 46.7               | 30.4              | 5,780                          | 3,599                      | 3,374                     |
| 1–15 hours                                    | 69.3                   | 54.3                       | 55.1               | 46.1              | 8,027                          | 5,143                      | 4,002                     |
| 16–20 hours                                   | 53.7                   | 40.2                       | 42.0               | 32.3              | 5,886                          | 3,293                      | 3,726                     |
| 21–34 hours                                   | 47.2                   | 37.3                       | 32.3               | 29.7              | 4,873                          | 2,781                      | 3,697                     |
| 35 hours or more                              | 36.4                   | 24.4                       | 27.5               | 18.8              | 4,197                          | 2,215                      | 3,449                     |

—Sample size too small for a reliable estimate.

<sup>1</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>2</sup>Dependent students are under the age of 24 so only age categories under 24 are shown.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 5.2b—Percentage of independent undergraduates receiving financial aid for postsecondary education and among those receiving aid, the average amount of aid received: 1995–96**

|                                     | Received<br>any<br>aid | Received<br>federal<br>aid | Received<br>grants | Received<br>loans | Average<br>total aid<br>amount | Average<br>grant<br>amount | Average<br>loan<br>amount |
|-------------------------------------|------------------------|----------------------------|--------------------|-------------------|--------------------------------|----------------------------|---------------------------|
| Total                               | 48.5                   | 32.7                       | 39.2               | 20.9              | \$3,915                        | \$1,846                    | \$4,626                   |
| Level of institution                |                        |                            |                    |                   |                                |                            |                           |
| Less-than-2-year                    | 63.5                   | 50.9                       | 48.7               | 36.2              | 4,349                          | 1,959                      | 4,215                     |
| 2-year                              | 39.4                   | 22.5                       | 33.0               | 9.4               | 2,316                          | 1,292                      | 3,609                     |
| 4-year                              | 57.3                   | 41.7                       | 45.3               | 34.2              | 5,682                          | 2,556                      | 5,276                     |
| More than one institution           | 81.6                   | 73.5                       | 62.4               | 50.9              | 4,212                          | 1,661                      | 4,187                     |
| Control of institution <sup>1</sup> |                        |                            |                    |                   |                                |                            |                           |
| Public                              | 41.5                   | 25.6                       | 34.1               | 14.2              | 3,189                          | 1,529                      | 4,443                     |
| Private, not-for-profit             | 64.3                   | 41.2                       | 52.2               | 33.1              | 6,025                          | 3,180                      | 5,594                     |
| Private, for-profit                 | 78.8                   | 69.7                       | 58.8               | 54.7              | 5,016                          | 2,018                      | 4,428                     |
| Institution type <sup>1</sup>       |                        |                            |                    |                   |                                |                            |                           |
| Public                              |                        |                            |                    |                   |                                |                            |                           |
| Less-than-2-year                    | 36.9                   | 15.3                       | 29.3               | 3.1               | 2,184                          | 1,829                      | 3,895                     |
| 2-year                              | 36.7                   | 19.2                       | 31.2               | 6.2               | 1,901                          | 1,176                      | 3,108                     |
| 4-year nondoctorate-granting        | 51.9                   | 40.1                       | 41.9               | 30.7              | 4,745                          | 2,055                      | 4,375                     |
| 4-year doctorate-granting           | 54.8                   | 43.8                       | 41.2               | 37.4              | 5,966                          | 2,242                      | 5,570                     |
| Private, not-for-profit             |                        |                            |                    |                   |                                |                            |                           |
| Less-than-4-year                    | 61.6                   | 51.1                       | 46.0               | 34.4              | 4,759                          | 2,341                      | 4,720                     |
| 4-year nondoctorate-granting        | 66.6                   | 41.8                       | 55.3               | 33.9              | 5,854                          | 3,077                      | 5,506                     |
| 4-year doctorate-granting           | 59.4                   | 33.0                       | 47.4               | 30.1              | 7,428                          | 4,056                      | 6,531                     |
| Private, for-profit                 | 78.8                   | 69.7                       | 58.8               | 54.7              | 5,016                          | 2,018                      | 4,428                     |
| Class level                         |                        |                            |                    |                   |                                |                            |                           |
| First-year beginning                | 65.1                   | 48.1                       | 54.7               | 25.3              | 3,359                          | 1,727                      | 3,861                     |
| Other first year                    | 42.9                   | 26.8                       | 34.4               | 14.2              | 2,950                          | 1,534                      | 3,964                     |
| Second year                         | 48.3                   | 31.5                       | 40.5               | 18.4              | 3,393                          | 1,700                      | 4,139                     |
| Third year                          | 60.4                   | 45.9                       | 48.9               | 38.0              | 6,283                          | 2,689                      | 5,673                     |
| Fourth or fifth year                | 56.7                   | 44.2                       | 43.8               | 38.1              | 6,168                          | 2,544                      | 5,560                     |
| Unclassified                        | 34.8                   | 16.3                       | 25.6               | 12.0              | 2,950                          | 1,289                      | 4,210                     |
| Attendance intensity                |                        |                            |                    |                   |                                |                            |                           |
| Exclusively full-time               | 70.1                   | 57.1                       | 56.1               | 39.2              | 5,264                          | 2,439                      | 4,874                     |
| Mixed full-time and part-time       | 63.1                   | 49.3                       | 50.5               | 33.8              | 4,810                          | 2,145                      | 4,847                     |
| Exclusively part-time               | 31.5                   | 13.0                       | 25.6               | 6.9               | 1,813                          | 986                        | 3,610                     |
| Attendance status                   |                        |                            |                    |                   |                                |                            |                           |
| Full-time, full-year                | 78.6                   | 68.3                       | 64.1               | 50.7              | 6,587                          | 2,939                      | 5,368                     |
| Full-time, part-year                | 60.4                   | 45.3                       | 47.3               | 25.5              | 3,236                          | 1,580                      | 3,834                     |
| Part-time, full-year                | 48.1                   | 29.4                       | 39.0               | 18.0              | 3,163                          | 1,565                      | 4,284                     |
| Part-time, part-year                | 28.1                   | 11.0                       | 22.9               | 5.1               | 1,490                          | 803                        | 3,139                     |

**Table 5.2b—Percentage of independent undergraduates receiving financial aid for postsecondary education and among those receiving aid, the average amount of aid received: 1995–96—Continued**

|   | Received<br>any<br>aid | Received<br>federal<br>aid | Received<br>grants | Received<br>loans | Average<br>total aid<br>amount | Average<br>grant<br>amount | Average<br>loan<br>amount |
|---|------------------------|----------------------------|--------------------|-------------------|--------------------------------|----------------------------|---------------------------|
| <b>Undergraduate program</b>                |                        |                            |                    |                   |                                |                            |                           |
| Certificate                                 | 51.5                   | 33.5                       | 39.3               | 21.2              | \$3,367                        | \$1,547                    | \$4,285                   |
| Associate's degree                          | 42.9                   | 27.1                       | 35.9               | 12.5              | 2,642                          | 1,437                      | 3,639                     |
| Bachelor's degree                           | 60.8                   | 46.6                       | 48.3               | 38.4              | 5,940                          | 2,600                      | 5,295                     |
| Nondegree program                           | 23.5                   | 5.0                        | 19.2               | 2.3               | 1,274                          | 779                        | 4,960                     |
| <b>Gender</b>                               |                        |                            |                    |                   |                                |                            |                           |
| Male  | 45.2                   | 26.5                       | 35.2               | 19.3              | 4,229                          | 1,817                      | 4,876                     |
| Female                                      | 50.6                   | 36.6                       | 41.8               | 21.9              | 3,734                          | 1,862                      | 4,484                     |
| <b>Race–ethnicity</b>                       |                        |                            |                    |                   |                                |                            |                           |
| White, non-Hispanic                         | 46.0                   | 29.7                       | 36.1               | 21.0              | 4,020                          | 1,787                      | 4,761                     |
| Black, non-Hispanic                         | 60.0                   | 42.5                       | 50.9               | 23.6              | 3,664                          | 1,884                      | 4,082                     |
| Hispanic                                    | 52.8                   | 39.6                       | 46.0               | 19.5              | 3,587                          | 1,810                      | 4,554                     |
| Asian/Pacific Islander                      | 35.7                   | 24.0                       | 28.8               | 13.3              | 4,282                          | 2,427                      | 4,727                     |
| American Indian/Alaskan Native              | 60.7                   | 43.7                       | 47.3               | 20.9              | 4,151                          | 2,627                      | 4,585                     |
| <b>Dependency status<sup>2</sup></b>        |                        |                            |                    |                   |                                |                            |                           |
| No dependents, unmarried                    | 45.0                   | 30.9                       | 32.4               | 24.6              | 4,642                          | 1,939                      | 4,943                     |
| No dependents, married                      | 36.3                   | 18.0                       | 25.6               | 12.9              | 3,261                          | 1,595                      | 4,911                     |
| With dependents                             | 55.4                   | 39.2                       | 48.9               | 21.1              | 3,646                          | 1,849                      | 4,298                     |
| <b>Age as of 12/31/95</b>                   |                        |                            |                    |                   |                                |                            |                           |
| 18 years or younger                         | 75.8                   | 66.0                       | 72.0               | 29.0              | 3,793                          | 2,259                      | 3,943                     |
| 19–23 years                                 | 77.0                   | 65.8                       | 67.0               | 36.4              | 4,379                          | 2,196                      | 4,429                     |
| 24–29 years                                 | 49.0                   | 36.0                       | 38.5               | 25.8              | 4,437                          | 1,860                      | 4,736                     |
| 30–39 years                                 | 47.0                   | 28.2                       | 38.2               | 17.8              | 3,583                          | 1,739                      | 4,747                     |
| 40 years or older                           | 36.8                   | 17.9                       | 28.7               | 10.4              | 2,983                          | 1,616                      | 4,304                     |
| <b>Independent students' income in 1994</b> |                        |                            |                    |                   |                                |                            |                           |
| Less than \$10,000                          | 67.4                   | 57.9                       | 60.5               | 34.0              | 4,763                          | 2,235                      | 4,555                     |
| \$10,000–19,999                             | 50.6                   | 36.7                       | 38.4               | 23.7              | 3,916                          | 1,765                      | 4,630                     |
| \$20,000–29,999                             | 41.9                   | 24.7                       | 34.0               | 15.7              | 3,333                          | 1,370                      | 4,627                     |
| \$30,000–49,999                             | 36.3                   | 14.7                       | 24.7               | 12.3              | 3,020                          | 1,331                      | 4,922                     |
| \$50,000 or more                            | 29.3                   | 5.8                        | 20.7               | 5.9               | 2,235                          | 1,419                      | 4,659                     |
| <b>Marital status</b>                       |                        |                            |                    |                   |                                |                            |                           |
| Not married                                 | 49.5                   | 35.7                       | 40.5               | 23.3              | 4,229                          | 1,950                      | 4,693                     |
| Married                                     | 45.2                   | 26.1                       | 35.4               | 16.8              | 3,468                          | 1,680                      | 4,623                     |
| Separated                                   | 70.9                   | 59.0                       | 62.0               | 30.0              | 3,827                          | 1,895                      | 3,893                     |

**Table 5.2b—Percentage of independent undergraduates receiving financial aid for postsecondary education and among those receiving aid, the average amount of aid received: 1995–96—Continued**

|   | Received<br>any<br>aid | Received<br>federal<br>aid | Received<br>grants | Received<br>loans | Average<br>total aid<br>amount | Average<br>grant<br>amount | Average<br>loan<br>amount |
|---|------------------------|----------------------------|--------------------|-------------------|--------------------------------|----------------------------|---------------------------|
| Single parent                                       |                        |                            |                    |                   |                                |                            |                           |
| No  | 46.3                   | 29.7                       | 35.4               | 20.8              | \$3,986                        | \$1,800                    | \$4,747                   |
| Yes   | 56.7                   | 43.4                       | 53.0               | 21.3              | 3,704                          | 1,958                      | 4,198                     |
| Number of dependents                                |                        |                            |                    |                   |                                |                            |                           |
| None  | 42.1                   | 26.6                       | 30.2               | 20.7              | 4,243                          | 1,841                      | 4,936                     |
| One or more   | 55.4                   | 39.2                       | 48.9               | 21.1              | 3,646                          | 1,849                      | 4,298                     |
| Parents' education                                  |                        |                            |                    |                   |                                |                            |                           |
| Less than high school diploma                       | 53.8                   | 31.4                       | 46.3               | 14.7              | 3,014                          | 1,836                      | 3,931                     |
| High school diploma or equivalent                   | 62.7                   | 37.5                       | 52.4               | 23.9              | 3,557                          | 1,772                      | 4,392                     |
| Some postsecondary education                        | 56.0                   | 34.0                       | 46.1               | 23.6              | 3,867                          | 1,842                      | 4,574                     |
| Bachelor's degree or higher                         | 44.3                   | 29.0                       | 34.8               | 22.9              | 4,545                          | 1,958                      | 4,953                     |
| Disability status <sup>3</sup>                      |                        |                            |                    |                   |                                |                            |                           |
| No  | 53.2                   | 32.4                       | 44.1               | 21.2              | 3,686                          | 1,827                      | 4,549                     |
| Yes   | 57.5                   | 39.7                       | 42.2               | 24.8              | 4,421                          | 1,997                      | 4,606                     |
| Primary role if working while enrolled <sup>3</sup> |                        |                            |                    |                   |                                |                            |                           |
| Student working to meet expenses                    | 61.5                   | 48.6                       | 49.0               | 36.3              | 5,111                          | 2,232                      | 4,699                     |
| Employee enrolled in school                         | 48.6                   | 16.2                       | 42.0               | 9.7               | 2,059                          | 1,245                      | 4,168                     |
| Average hours worked while enrolled <sup>3</sup>    |                        |                            |                    |                   |                                |                            |                           |
| Did not work  | 60.0                   | 46.9                       | 48.6               | 26.2              | 4,471                          | 2,312                      | 4,551                     |
| 1–15 hours  | 61.6                   | 52.8                       | 51.2               | 40.3              | 6,405                          | 2,918                      | 5,010                     |
| 16–20 hours   | 57.9                   | 50.7                       | 49.9               | 32.3              | 5,578                          | 2,392                      | 5,195                     |
| 21–34 hours   | 60.3                   | 44.0                       | 47.0               | 33.0              | 4,408                          | 1,936                      | 4,610                     |
| 35 hours or more                                    | 47.2                   | 18.9                       | 39.5               | 12.3              | 2,341                          | 1,284                      | 4,049                     |

<sup>1</sup>Category for "more than one institution" is shown only under "level of institution." The distributions are identical.

<sup>2</sup>Only independents are included in the table.

<sup>3</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as "primary role," which includes only working students.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

## **SECTION 6: EDUCATIONAL ASPIRATIONS AND COMMUNITY SERVICE**

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### **EDUCATIONAL ASPIRATIONS**

- Approximately half of 1995-96 undergraduates aspired to an advanced degree as their ultimate degree goal. Even among students who were currently in short-term vocational programs (i.e., in private, for-profit institutions), 23 percent aspired to an advanced degree, and an additional 36 percent aspired to a bachelor's degree (table 6.1).
- There were no significant differences in aspirations for an advanced degree among undergraduates in various racial-ethnic groups. Regardless of race-ethnicity, a large majority of students aspired to a bachelor's degree or higher. About 35 to 46 percent of undergraduates aspired to a bachelor's degree, and an additional 39 to 57 percent aspired to an advanced degree (table 6.1).
- Age, on the other hand, was associated with educational goals: younger students (under 19 or 19-23) were more likely to aspire to an advanced degree than students 30 and older. Students under 24 were less likely than older students (30 or older) to aspire to an associate's degree (table 6.1).

### **COMMUNITY SERVICE**

- In 1995-96, 39 percent of undergraduates reported participating in some sort of community service activity. About 29 percent were involved in one community service activity, and an additional 10 percent were engaged in two or more activities (table 6.2).
- Undergraduates enrolled in certificate and associate's degree programs were less likely than those in bachelor's degree programs to participate in community service activities (70 and 67 percent, respectively, reported no community service, compared with 53 percent of students in bachelor's degree programs; table 6.2).
- Females were more likely than males to volunteer their time. However, among those who volunteered, men volunteered more hours per week, on average, than women (10 hours versus 7 hours; table 6.2).
- Students 24-29 years old were less likely than students 30 years or older to be involved with community service activities (table 6.2).

- About 83 percent of undergraduates said they planned to vote in the 1996 presidential election. At time of survey, 77 percent of undergraduates were registered to vote (table 6.3).

**Table 6.1—Percentage distribution of undergraduates according to their educational aspirations: 1995–96**

|                              | No degree/<br>certificate | Vocational<br>certificate | Associate's<br>degree | Bachelor's<br>degree | Advanced<br>degree/<br>post-bac-<br>calaureate<br>certificate |
|------------------------------|---------------------------|---------------------------|-----------------------|----------------------|---|
| Total                        | 1.9                       | 4.1                       | 8.0                   | 36.4                 | 49.7  |
| Level of institution         |                           |                           |                       |                      |   |
| Less-than-2-year             | 3.5                       | 35.6                      | 12.3                  | 34.2                 | 14.5  |
| 2-year                       | 3.2                       | 4.5                       | 13.8                  | 46.8                 | 31.7  |
| 4-year                       | 0.5                       | 0.4                       | 1.0                   | 25.2                 | 73.0  |
| More than one institution    | 0.4                       | 3.9                       | 5.0                   | 29.5                 | 61.2  |
| Control of institution*      |                           |                           |                       |                      |   |
| Public                       | 2.2                       | 3.2                       | 8.7                   | 38.9                 | 47.0  |
| Private, not-for-profit      | 0.8                       | 1.0                       | 2.6                   | 25.5                 | 70.2  |
| Private, for-profit          | 2.5                       | 24.0                      | 15.2                  | 35.5                 | 22.8  |
| Institution type*            |                           |                           |                       |                      |   |
| Public                       |                           |                           |                       |                      |   |
| Less-than-2-year             | 4.0                       | 28.7                      | 10.9                  | 37.5                 | 19.1  |
| 2-year                       | 3.3                       | 4.2                       | 13.4                  | 47.0                 | 32.1  |
| 4-year nondoctorate-granting | 0.7                       | 0.5                       | 1.4                   | 28.7                 | 68.7  |
| 4-year doctorate-granting    | 0.1                       | 0.3                       | 0.6                   | 24.1                 | 74.8  |
| Private, not-for-profit      |                           |                           |                       |                      |   |
| Less-than-4-year             | 1.5                       | 6.6                       | 17.4                  | 48.3                 | 26.2  |
| 4-year nondoctorate-granting | 0.9                       | 0.3                       | 1.2                   | 24.4                 | 73.2  |
| 4-year doctorate-granting    | 0.2                       | 0.4                       | 0.4                   | 19.2                 | 79.9  |
| Private, for-profit          | 2.5                       | 24.0                      | 15.2                  | 35.5                 | 22.8  |
| Class level                  |                           |                           |                       |                      |   |
| First-year beginning         | 3.2                       | 8.2                       | 9.2                   | 38.2                 | 41.2  |
| Other first year             | 2.6                       | 4.2                       | 12.9                  | 41.2                 | 39.0  |
| Second year                  | 1.3                       | 2.4                       | 6.8                   | 42.0                 | 47.5  |
| Third year                   | 1.0                       | 5.0                       | 0.9                   | 24.1                 | 74.9  |
| Fourth or fifth year         | 6.0                       | 9.0                       | 6.0                   | 19.3                 | 80.5  |
| Unclassified                 | 3.4                       | 9.9                       | 12.1                  | 41.0                 | 33.6  |
| Attendance status            |                           |                           |                       |                      |   |
| Full-time, full-year         | 0.6                       | 3.0                       | 4.6                   | 29.1                 | 62.8  |
| Full-time, part-year         | 1.8                       | 9.1                       | 9.4                   | 41.4                 | 38.4  |
| Part-time, full-year         | 1.0                       | 2.5                       | 9.1                   | 41.5                 | 45.8  |
| Part-time, part-year         | 5.1                       | 4.6                       | 11.4                  | 40.2                 | 38.6  |
| Undergraduate program        |                           |                           |                       |                      |   |
| Certificate                  | 2.7                       | 23.4                      | 13.4                  | 35.7                 | 24.8  |
| Associate's degree           | 2.2                       | 1.7                       | 13.0                  | 47.6                 | 35.6  |
| Bachelor's degree            | 0.4                       | 0.2                       | 0.4                   | 24.2                 | 74.9  |
| Nondegree program            | 11.4                      | 3.2                       | 9.1                   | 34.1                 | 42.2  |

**Table 6.1—Percentage distribution of undergraduates according to their educational aspirations: 1995–96**  
—Continued

|  | No degree/<br>certificate | Vocational<br>certificate | Associate's<br>degree | Bachelor's<br>degree | Advanced<br>degree/<br>post-bac-<br>calaureate<br>certificate |
|--|---------------------------|---------------------------|-----------------------|----------------------|---|
| <b>Gender</b>                              |                           |                           |                       |                      |   |
| Male                                       | 2.0                       | 3.5                       | 6.2                   | 39.0                 | 49.3  |
| Female                                     | 1.8                       | 4.5                       | 9.3                   | 34.3                 | 50.1  |
| <b>Race–ethnicity</b>                      |                           |                           |                       |                      |   |
| White, non-Hispanic                        | 2.2                       | 3.8                       | 8.4                   | 35.2                 | 50.4  |
| Black, non-Hispanic                        | 1.2                       | 7.6                       | 5.6                   | 36.0                 | 49.6  |
| Hispanic                                   | 1.4                       | 3.3                       | 7.6                   | 46.3                 | 41.4  |
| Asian/Pacific Islander                     | 0.3                       | 1.0                       | 5.3                   | 37.0                 | 56.5  |
| American Indian/Alaskan Native             | 0.2                       | 2.6                       | 22.9                  | 35.7                 | 38.6  |
| <b>Dependency status</b>                   |                           |                           |                       |                      |   |
| Dependent                                  | 1.0                       | 2.0                       | 4.0                   | 35.2                 | 57.8  |
| Independent                                | 2.8                       | 5.9                       | 11.5                  | 37.4                 | 42.4  |
| <b>Age as of 12/31/95</b>                  |                           |                           |                       |                      |   |
| 18 years or younger                        | 0.9                       | 2.9                       | 4.9                   | 38.6                 | 52.7  |
| 19–23 years                                | 1.0                       | 2.4                       | 4.7                   | 34.9                 | 57.0  |
| 24–29 years                                | 1.1                       | 4.6                       | 9.2                   | 37.8                 | 47.4  |
| 30–39 years                                | 3.0                       | 6.9                       | 12.7                  | 35.3                 | 42.2  |
| 40 years or older                          | 5.8                       | 6.3                       | 14.0                  | 39.1                 | 34.8  |
| <b>Dependency and income level in 1994</b> |                           |                           |                       |                      |   |
| <b>Dependent</b>                           |                           |                           |                       |                      |   |
| Less than \$20,000                         | 0.7                       | 3.1                       | 7.7                   | 32.4                 | 56.1  |
| \$20,000–39,999                            | 0.6                       | 2.6                       | 4.1                   | 36.2                 | 56.5  |
| \$40,000–59,999                            | 2.3                       | 1.6                       | 4.0                   | 38.1                 | 54.1  |
| \$60,000–79,999                            | 0.6                       | 1.7                       | 2.3                   | 37.1                 | 58.3  |
| \$80,000–99,999                            | 0.6                       | 2.1                       | 1.5                   | 36.5                 | 59.3  |
| \$100,000 or more                          | 6.0                       | 0.6                       | 3.7                   | 26.7                 | 69.0  |
| <b>Independent</b>                         |                           |                           |                       |                      |   |
| Less than \$10,000                         | 1.6                       | 8.5                       | 11.8                  | 32.5                 | 45.7  |
| \$10,000–19,999                            | 2.4                       | 8.0                       | 11.9                  | 41.0                 | 36.8  |
| \$20,000–29,999                            | 3.1                       | 5.8                       | 11.8                  | 38.1                 | 41.1  |
| \$30,000–49,999                            | 1.6                       | 3.4                       | 10.8                  | 37.9                 | 46.3  |
| \$50,000 or more                           | 5.7                       | 3.2                       | 11.3                  | 38.4                 | 41.4  |
| <b>Marital status</b>                      |                           |                           |                       |                      |   |
| Not married                                | 1.4                       | 3.6                       | 6.1                   | 36.0                 | 53.0  |
| Married                                    | 3.6                       | 4.8                       | 11.9                  | 38.6                 | 41.2  |
| Separated                                  | 1.9                       | 13.1                      | 27.5                  | 23.8                 | 33.7  |

**Table 6.1—Percentage distribution of undergraduates according to their educational aspirations: 1995–96**  
—Continued

|   | No degree/<br>certificate | Vocational<br>certificate | Associate's<br>degree | Bachelor's<br>degree | Advanced<br>degree/<br>post-bac-<br>calaureate<br>certificate |
|---|---------------------------|---------------------------|-----------------------|----------------------|---|
| <b>Single parent</b>                          |                           |                           |                       |                      |   |
| No  | 1.8                       | 3.5                       | 7.3                   | 36.2                 | 51.2  |
| Yes   | 2.7                       | 9.0                       | 14.2                  | 37.7                 | 36.6  |
| <b>Number of dependents</b>                   |                           |                           |                       |                      |   |
| None  | 1.6                       | 3.0                       | 6.1                   | 35.7                 | 53.6  |
| One or more                                   | 3.0                       | 7.2                       | 13.4                  | 38.2                 | 38.3  |
| <b>Parents' education</b>                     |                           |                           |                       |                      |   |
| Less than high school diploma                 | 4.1                       | 6.3                       | 14.0                  | 40.4                 | 35.1  |
| High school diploma or equivalent             | 2.7                       | 5.7                       | 11.3                  | 38.7                 | 41.6  |
| Some postsecondary education                  | 2.0                       | 2.9                       | 8.0                   | 39.1                 | 48.1  |
| Bachelor's degree or higher                   | 0.5                       | 1.9                       | 2.9                   | 31.6                 | 63.1  |
| <b>Disability status</b>                      |                           |                           |                       |                      |   |
| No  | 1.8                       | 4.0                       | 7.9                   | 36.1                 | 50.3  |
| Yes   | 3.7                       | 5.7                       | 10.0                  | 41.4                 | 39.2  |
| <b>Primary role if working while enrolled</b> |                           |                           |                       |                      |   |
| Student working to meet expenses              | 0.9                       | 2.4                       | 4.7                   | 34.4                 | 57.5  |
| Employee enrolled in school                   | 3.0                       | 4.8                       | 12.6                  | 42.3                 | 37.4  |
| <b>Average hours worked while enrolled</b>    |                           |                           |                       |                      |   |
| Did not work                                  | 2.5                       | 6.6                       | 9.2                   | 31.9                 | 49.8  |
| 1–15 hours                                    | 1.4                       | 3.1                       | 2.6                   | 27.7                 | 65.2  |
| 16–20 hours                                   | 1.0                       | 4.1                       | 5.5                   | 33.4                 | 56.1  |
| 21–34 hours                                   | 1.0                       | 2.8                       | 5.9                   | 39.8                 | 50.4  |
| 35 hours or more                              | 2.5                       | 3.5                       | 11.0                  | 41.1                 | 42.0  |

\*Category for "more than one institution" is shown only under "level of institution." The distributions are identical.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 6.2—Percentage distribution of undergraduates according to community service activities and the number of hours volunteered per week: 1995–96**

|                               | Number of community service activities |              |                        | Average hours per week |
|-------------------------------|--|--------------|------------------------|------------------------|
|                               | No community service                   | One activity | Two or more activities |                        |
| Total                         | 61.1                                   | 29.4         | 9.6                    | 8.4                    |
| Level of institution          |  |              |                        |                        |
| Less-than-2-year              | 73.2                                   | 20.8         | 6.1                    | 10.1                   |
| 2-year                        | 68.7                                   | 24.9         | 6.4                    | 8.5                    |
| 4-year                        | 53.2                                   | 33.8         | 13.0                   | 8.3                    |
| More than one institution     | 53.5                                   | 36.3         | 10.3                   | 8.5                    |
| Control of institution*       |  |              |                        |                        |
| Public                        | 63.1                                   | 28.0         | 8.9                    | 8.6                    |
| Private, not-for-profit       | 48.8                                   | 36.8         | 14.4                   | 7.5                    |
| Private, for-profit           | 76.9                                   | 19.1         | 4.1                    | 10.3                   |
| Institution type*             |  |              |                        |                        |
| Public                        |  |              |                        |                        |
| Less-than-2-year              | 62.9                                   | 27.6         | 9.6                    | 10.8                   |
| 2-year                        | 68.4                                   | 25.0         | 6.6                    | 8.4                    |
| 4-year nondoctorate-granting  | 56.2                                   | 32.0         | 11.8                   | 9.4                    |
| 4-year doctorate-granting     | 55.2                                   | 32.4         | 12.5                   | 8.4                    |
| Private, not-for-profit       |  |              |                        |                        |
| Less-than-4-year              | 66.8                                   | 27.2         | 6.0                    | 8.5                    |
| 4-year nondoctorate-granting  | 48.4                                   | 36.6         | 15.0                   | 7.8                    |
| 4-year doctorate-granting     | 44.6                                   | 39.9         | 15.5                   | 6.8                    |
| Private, for-profit           | 76.9                                   | 19.1         | 4.1                    | 10.3                   |
| Class level                   |  |              |                        |                        |
| First-year beginning          | 65.5                                   | 26.8         | 7.7                    | 9.7                    |
| Other first year              | 65.1                                   | 26.3         | 8.6                    | 9.1                    |
| Second year                   | 60.2                                   | 31.3         | 8.6                    | 7.2                    |
| Third year                    | 54.1                                   | 31.7         | 14.3                   | 7.5                    |
| Fourth or fifth year          | 52.8                                   | 34.6         | 12.6                   | 8.4                    |
| Unclassified                  | 60.6                                   | 30.7         | 8.7                    | 8.1                    |
| Attendance intensity          |  |              |                        |                        |
| Exclusively full-time         | 59.1                                   | 30.4         | 10.5                   | 8.5                    |
| Mixed full-time and part-time | 60.0                                   | 30.1         | 9.9                    | 9.2                    |
| Exclusively part-time         | 64.1                                   | 27.7         | 8.2                    | 7.9                    |
| Attendance status             |  |              |                        |                        |
| Full-time, full-year          | 55.5                                   | 32.5         | 11.9                   | 8.6                    |
| Full-time, part-year          | 68.3                                   | 25.0         | 6.7                    | 8.1                    |
| Part-time, full-year          | 64.6                                   | 27.7         | 7.8                    | 8.3                    |
| Part-time, part-year          | 63.2                                   | 28.0         | 8.8                    | 8.5                    |

**Table 6.2—Percentage distribution of undergraduates according to community service activities and the number of hours volunteered per week: 1995–96—Continued**

|  | Number of community service activities |              |                        | Average hours per week |
|--|--|--------------|------------------------|------------------------|
|  | No community service                   | One activity | Two or more activities |                        |
| <b>Undergraduate program</b>               |  |              |                        |                        |
| Certificate                                | 70.2                                   | 22.5         | 7.3                    | 9.1                    |
| Associate's degree                         | 66.6                                   | 26.7         | 6.7                    | 8.6                    |
| Bachelor's degree                          | 52.9                                   | 33.9         | 13.2                   | 8.3                    |
| Nondegree program                          | 61.6                                   | 31.7         | 6.8                    | 6.8                    |
| <b>Gender</b>                              |  |              |                        |                        |
| Male                                       | 63.7                                   | 28.8         | 7.6                    | 10.0                   |
| Female                                     | 59.0                                   | 29.9         | 11.1                   | 7.4                    |
| <b>Race–ethnicity</b>                      |  |              |                        |                        |
| White, non-Hispanic                        | 58.8                                   | 30.5         | 10.7                   | 8.1                    |
| Black, non-Hispanic                        | 64.6                                   | 27.7         | 7.7                    | 10.4                   |
| Hispanic                                   | 69.1                                   | 25.7         | 5.3                    | 8.4                    |
| Asian/Pacific Islander                     | 65.9                                   | 25.3         | 8.8                    | 8.9                    |
| American Indian/Alaskan Native             | 67.9                                   | 26.5         | 5.7                    | 10.0                   |
| <b>Dependency status</b>                   |  |              |                        |                        |
| Dependent                                  | 60.3                                   | 29.6         | 10.1                   | 8.9                    |
| Independent                                | 61.8                                   | 29.1         | 9.1                    | 8.0                    |
| No dependents, unmarried                   | 66.4                                   | 26.3         | 7.3                    | 9.1                    |
| No dependents, married                     | 59.6                                   | 31.5         | 8.9                    | 9.0                    |
| With dependents                            | 59.7                                   | 30.0         | 10.3                   | 7.1                    |
| <b>Age as of 12/31/95</b>                  |  |              |                        |                        |
| 18 years or younger                        | 61.7                                   | 29.0         | 9.3                    | 9.4                    |
| 19–23 years                                | 60.8                                   | 29.3         | 10.0                   | 8.9                    |
| 24–29 years                                | 67.6                                   | 26.5         | 5.9                    | 8.1                    |
| 30–39 years                                | 56.0                                   | 34.1         | 10.0                   | 8.7                    |
| 40 years or older                          | 58.1                                   | 28.5         | 13.5                   | 6.3                    |
| <b>Dependency and income level in 1994</b> |  |              |                        |                        |
| <b>Dependent</b>                           |  |              |                        |                        |
| Less than \$20,000                         | 68.5                                   | 25.4         | 6.1                    | 10.7                   |
| \$20,000–39,999                            | 63.0                                   | 28.6         | 8.4                    | 8.9                    |
| \$40,000–59,999                            | 60.9                                   | 28.8         | 10.3                   | 9.8                    |
| \$60,000–79,999                            | 55.0                                   | 32.1         | 12.9                   | 8.0                    |
| \$80,000–99,999                            | 58.7                                   | 31.8         | 9.5                    | 8.3                    |
| \$100,000 or more                          | 51.1                                   | 34.2         | 14.7                   | 7.2                    |
| <b>Independent</b>                         |  |              |                        |                        |
| Less than \$10,000                         | 64.6                                   | 28.4         | 7.0                    | 8.5                    |
| \$10,000–19,999                            | 66.9                                   | 25.9         | 7.2                    | 10.7                   |
| \$20,000–29,999                            | 66.9                                   | 25.6         | 7.5                    | 7.1                    |
| \$30,000–49,999                            | 53.2                                   | 34.9         | 11.8                   | 7.8                    |
| \$50,000 or more                           | 57.0                                   | 30.5         | 12.5                   | 5.9                    |

**Table 6.2—Percentage distribution of undergraduates according to community service activities and the number of hours volunteered per week: 1995–96—Continued**

|   | Number of community service activities |              |                        | Average hours per week |
|---|--|--------------|------------------------|------------------------|
|   | No community service                   | One activity | Two or more activities |                        |
| <b>Marital status</b>                         |  |              |                        |                        |
| Not married                                   | 62.3                                   | 28.5         | 9.2                    | 9.0                    |
| Married                                       | 56.2                                   | 32.9         | 10.9                   | 7.0                    |
| Separated                                     | 71.1                                   | 20.4         | 8.5                    | 7.0                    |
| <b>Single parent</b>                          |  |              |                        |                        |
| No  | 60.5                                   | 29.7         | 9.8                    | 8.3                    |
| Yes   | 66.4                                   | 26.0         | 7.6                    | 9.4                    |
| <b>Number of dependents</b>                   |  |              |                        |                        |
| None  | 61.5                                   | 29.2         | 9.3                    | 8.9                    |
| One or more                                   | 59.7                                   | 30.0         | 10.3                   | 7.1                    |
| <b>Parents' education</b>                     |  |              |                        |                        |
| Less than high school diploma                 | 66.0                                   | 26.8         | 7.2                    | 7.5                    |
| High school diploma or equivalent             | 64.5                                   | 27.3         | 8.2                    | 8.5                    |
| Some postsecondary education                  | 61.8                                   | 29.7         | 8.5                    | 9.6                    |
| Bachelor's degree or higher                   | 54.4                                   | 32.9         | 12.8                   | 8.0                    |
| <b>Disability status</b>                      |  |              |                        |                        |
| No  | 61.4                                   | 29.1         | 9.6                    | 8.4                    |
| Yes   | 56.3                                   | 33.7         | 10.0                   | 8.7                    |
| <b>Primary role if working while enrolled</b> |  |              |                        |                        |
| Student working to meet expenses              | 59.3                                   | 30.4         | 10.3                   | 8.5                    |
| Employee enrolled in school                   | 63.1                                   | 28.7         | 8.3                    | 8.4                    |
| <b>Average hours worked while enrolled</b>    |  |              |                        |                        |
| Did not work                                  | 60.5                                   | 29.4         | 10.1                   | 8.4                    |
| 1–15 hours                                    | 48.7                                   | 37.1         | 14.2                   | 7.5                    |
| 16–20 hours                                   | 61.1                                   | 28.7         | 10.2                   | 8.4                    |
| 21–34 hours                                   | 64.1                                   | 28.2         | 7.8                    | 8.7                    |
| 35 hours or more                              | 64.6                                   | 27.2         | 8.2                    | 8.8                    |

\*Category for "more than one institution" is shown only under "level of institution." The distributions are identical.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 6.3—Percentage of undergraduates who reported having registered to vote in the United States, who voted in the 1996 presidential elections, and who ever had voted: 1995–96**

|                                     | Registered<br>to vote in<br>United States | Voted in 1996<br>presidential<br>election <sup>1</sup> | Ever<br>voted |
|-------------------------------------|---|--|---------------|
| Total                               | 77.0                                      | 82.6   | 63.2          |
| Level of institution                |   |  |               |
| Less-than-2-year                    | 66.6                                      | 68.8   | 50.6          |
| 2-year                              | 75.5                                      | 80.6   | 63.1          |
| 4-year                              | 79.5                                      | 86.0   | 64.5          |
| More than one institution           | 75.8                                      | 81.5   | 61.9          |
| Control of institution <sup>2</sup> |   |  |               |
| Public                              | 77.5                                      | 82.8   | 64.4          |
| Private, not-for-profit             | 78.4                                      | 86.1   | 61.4          |
| Private, for-profit                 | 67.1                                      | 69.7   | 51.0          |
| Institution type <sup>2</sup>       |   |  |               |
| Public                              |   |  |               |
| Less-than-2-year                    | 67.6                                      | 68.7   | 54.2          |
| 2-year                              | 76.1                                      | 81.1   | 63.7          |
| 4-year nondoctorate-granting        | 79.9                                      | 86.1   | 68.2          |
| 4-year doctorate-granting           | 79.7                                      | 85.6   | 64.4          |
| Private, not-for-profit             |   |  |               |
| Less-than-4-year                    | 70.8                                      | 78.6   | 63.3          |
| 4-year nondoctorate-granting        | 79.2                                      | 86.2   | 63.4          |
| 4-year doctorate-granting           | 78.7                                      | 87.8   | 56.9          |
| Private, for-profit                 | 67.1                                      | 69.7   | 51.0          |
| Class level                         |   |  |               |
| First-year beginning                | 65.2                                      | 76.9   | 36.3          |
| Other first year                    | 76.9                                      | 82.0   | 65.4          |
| Second year                         | 80.8                                      | 82.4   | 68.4          |
| Third year                          | 82.7                                      | 87.1   | 70.8          |
| Fourth or fifth year                | 84.0                                      | 88.0   | 82.2          |
| Unclassified                        | 80.1                                      | 86.3   | 77.3          |
| Attendance status                   |   |  |               |
| Full-time, full-year                | 74.9                                      | 82.6   | 54.8          |
| Full-time, part-year                | 73.6                                      | 75.8   | 56.3          |
| Part-time, full-year                | 79.8                                      | 83.3   | 70.5          |
| Part-time, part-year                | 79.6                                      | 85.4   | 74.2          |
| Undergraduate program               |   |  |               |
| Certificate                         | 75.5                                      | 77.7   | 62.9          |
| Associate's degree                  | 73.8                                      | 79.9   | 61.0          |
| Bachelor's degree                   | 79.5                                      | 85.9   | 63.6          |
| Nondegree program                   | 87.6                                      | 89.5   | 81.2          |

**Table 6.3—Percentage of undergraduates who reported having registered to vote in the United States, who voted in the 1996 presidential elections, and who ever had voted: 1995–96—Continued**

|  | Registered<br>to vote in<br>United States | Voted in 1996<br>presidential<br>election <sup>1</sup> | Ever<br>voted |
|--|---|--|---------------|
| <b>Gender</b>                              |   |  |               |
| Male                                       | 74.9                                      | 81.1   | 61.0          |
| Female                                     | 78.6                                      | 83.7   | 64.9          |
| <b>Race–ethnicity</b>                      |   |  |               |
| White, non-Hispanic                        | 78.8                                      | 84.5   | 66.7          |
| Black, non-Hispanic                        | 78.2                                      | 81.8   | 57.7          |
| Hispanic                                   | 70.2                                      | 72.7   | 51.7          |
| Asian/Pacific Islander                     | 56.1                                      | 71.4   | 39.2          |
| American Indian/Alaskan Native             | 58.5                                      | 70.6   | 46.3          |
| <b>Dependency status</b>                   |   |  |               |
| Dependent                                  | 72.7                                      | 80.8   | 47.8          |
| Independent                                | 81.1                                      | 84.2   | 77.9          |
| No dependents, unmarried                   | 81.4                                      | 84.2   | 79.0          |
| No dependents, married                     | 81.0                                      | 86.3   | 80.7          |
| With dependents                            | 80.9                                      | 83.4   | 76.0          |
| <b>Age as of 12/31/95</b>                  |   |  |               |
| 18 years or younger                        | 60.0                                      | 78.5   | 21.8          |
| 19–23 years                                | 75.3                                      | 80.5   | 54.0          |
| 24–29 years                                | 78.5                                      | 81.6   | 72.0          |
| 30–39 years                                | 82.2                                      | 85.9   | 84.6          |
| 40 years or older                          | 88.8                                      | 91.1   | 92.3          |
| <b>Dependency and income level in 1994</b> |   |  |               |
| <b>Dependent</b>                           |   |  |               |
| Less than \$20,000                         | 70.4                                      | 75.9   | 42.9          |
| \$20,000–39,999                            | 70.0                                      | 79.2   | 45.4          |
| \$40,000–59,999                            | 73.8                                      | 83.2   | 50.9          |
| \$60,000–79,999                            | 71.8                                      | 80.0   | 49.2          |
| \$80,000–99,999                            | 78.3                                      | 86.6   | 48.8          |
| \$100,000 or more                          | 75.8                                      | 82.5   | 49.6          |
| <b>Independent</b>                         |   |  |               |
| Less than \$10,000                         | 77.0                                      | 78.3   | 66.1          |
| \$10,000–19,999                            | 76.8                                      | 81.1   | 72.5          |
| \$20,000–29,999                            | 81.1                                      | 86.4   | 80.7          |
| \$30,000–49,999                            | 83.5                                      | 89.0   | 85.0          |
| \$50,000 or more                           | 88.9                                      | 88.9   | 90.1          |
| <b>Marital status</b>                      |   |  |               |
| Not married                                | 75.6                                      | 81.6   | 57.3          |
| Married                                    | 81.9                                      | 85.9   | 81.3          |
| Separated                                  | 73.5                                      | 79.7   | 77.1          |

**Table 6.3—Percentage of undergraduates who reported having registered to vote in the United States, who voted in the 1996 presidential elections, and who ever had voted: 1995–96—Continued**

|  | Registered<br>to vote in<br>United States | Voted in 1996<br>presidential<br>election <sup>1</sup> | Ever<br>voted |
|--|---|--|---------------|
| Single parent                          |   |  |               |
| No                                     | 76.7                                      | 82.7   | 62.5          |
| Yes                                    | 79.5                                      | 81.6   | 69.3          |
| Number of dependents                   |   |  |               |
| None                                   | 75.7                                      | 82.3   | 59.0          |
| One or more                            | 80.9                                      | 83.4   | 76.0          |
| Parents' education                     |   |  |               |
| Less than high school diploma          | 74.9                                      | 80.0   | 66.5          |
| High school diploma or equivalent      | 75.6                                      | 80.5   | 64.2          |
| Some postsecondary education           | 76.8                                      | 82.2   | 61.5          |
| Bachelor's degree or higher            | 79.5                                      | 86.0   | 63.9          |
| Disability status                      |   |  |               |
| No                                     | 76.8                                      | 82.4   | 62.9          |
| Yes                                    | 79.4                                      | 84.8   | 67.7          |
| Primary role if working while enrolled |   |  |               |
| Student working to meet expenses       | 75.2                                      | 81.9   | 57.2          |
| Employee enrolled in school            | 80.5                                      | 84.6   | 75.5          |
| Average hours worked while enrolled    |   |  |               |
| Did not work                           | 76.6                                      | 81.6   | 59.9          |
| 1–15 hours                             | 76.3                                      | 84.1   | 54.4          |
| 16–20 hours                            | 77.5                                      | 82.4   | 60.2          |
| 21–34 hours                            | 73.6                                      | 82.4   | 57.4          |
| 35 hours or more                       | 79.1                                      | 82.9   | 72.2          |

<sup>1</sup>Question may have been asked prior to the 1996 elections, in which case respondents indicated they would vote in the election.

<sup>2</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.



## SECTION 7: OTHER STUDENT CHARACTERISTICS

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### STUDENTS WITH DISABILITIES

- About 6 percent of 1995-96 undergraduates reported having a disability (table 7.1).
- Students in less-than-2-year institutions were more likely to have a disability (9 percent) than students in 4-year institutions (5 percent; table 7.1).
- Among undergraduates with a disability, students attending private, for-profit institutions were much more likely to have an orthopedic disability (39 percent) than students attending public (23 percent) or private, not-for-profit institutions (19 percent; table 7.1).
- White, non-Hispanic students were more likely to report having a disability (6 percent) than black, non-Hispanics (3 percent) or Asian/Pacific Islanders (2 percent; table 7.1).
- Older students (40 years or older) were much more likely to report having a disability than younger students (under 24 years). About 10 percent of students 40 years or older had a disability, compared with 5 percent of students 18 years or younger and 5 percent aged 19-23 (table 7.1).

### REMEDIAL COURSE TAKING

- About 12 percent of 1995-96 undergraduates in their first or second year of college reported taking at least one remedial course (table 7.2).<sup>38</sup>
- Among first- and second-year undergraduates who reported having taken at least one remedial course, 70 percent took a remedial math course, 41 percent took a remedial writing course, and 39 percent took a remedial reading course (table 7.2).
- Students beginning their first year of college, who were more likely to be younger, were much more likely to have taken remedial courses (20 percent) than other first-year (11 percent) or second-year students (6 percent).

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<sup>38</sup>Student-reported remedial education status reported by NPSAS undergraduates differs markedly from the proportion of students taking remedial courses reported by institutions. In a survey of remedial education in higher education, institutions reported that 29 percent of first-time freshmen had enrolled in at least one remedial reading, writing, or mathematics course in fall 1995. *Remedial Education at Higher Education Institutions in Fall 1995* (NCES 97-584) (Washington, D.C.: U.S. Department of Education, National Center for Education Statistics, 1996).

- Undergraduates enrolled in associate's degree programs were more likely than students enrolled in other postsecondary programs to have taken remedial courses. For example, 16 percent of students in associate's degree programs reported taking a remedial course, compared with 6 percent of students enrolled in a certificate program (table 7.2).

**Table 7.1—Percentage of undergraduates who reported a disability and among those with disabilities, the type of disability:<sup>1</sup> 1995–96**

|                                     | Any disabilities | Among students with disabilities |         |        |            |                     |       |
|-------------------------------------|------------------|----------------------------------|---------|--------|------------|---------------------|-------|
|                                     |                  | Visual                           | Hearing | Speech | Orthopedic | Learning disability | Other |
| Total                               | 5.5              | 16.3                             | 16.3    | 3.0    | 22.9       | 29.2                | 21.2  |
| Level of institution                |                  |                                  |         |        |            |                     |       |
| Less-than-2-year                    | 8.8              | 18.4                             | 19.4    | 0.6    | 34.4       | 20.2                | 20.3  |
| 2-year                              | 5.9              | 17.1                             | 16.3    | 2.3    | 24.7       | 28.9                | 21.1  |
| 4-year                              | 4.7              | 16.0                             | 15.3    | 4.6    | 19.2       | 29.7                | 20.7  |
| More than one institution           | 6.8              | 10.6                             | 18.7    | 1.6    | 19.2       | 37.5                | 25.2  |
| Control of institution <sup>2</sup> |                  |                                  |         |        |            |                     |       |
| Public                              | 5.3              | 17.0                             | 17.3    | 3.2    | 22.5       | 27.6                | 21.0  |
| Private, not-for-profit             | 5.6              | 17.6                             | 11.1    | 3.7    | 19.2       | 36.0                | 18.9  |
| Private, for-profit                 | 7.3              | 13.1                             | 15.5    | 0.6    | 38.7       | 23.1                | 23.5  |
| Institution type <sup>2</sup>       |                  |                                  |         |        |            |                     |       |
| Public                              |                  |                                  |         |        |            |                     |       |
| Less-than-2-year                    | 7.4              | 28.0                             | 18.9    | 0.0    | 13.4       | 30.5                | 13.0  |
| 2-year                              | 5.9              | 17.2                             | 16.9    | 2.3    | 24.0       | 29.1                | 21.1  |
| 4-year nondoctorate-granting        | 5.6              | 13.0                             | 20.2    | 5.2    | 28.4       | 22.4                | 17.8  |
| 4-year doctorate-granting           | 3.5              | 18.9                             | 15.4    | 4.9    | 11.5       | 26.7                | 25.7  |
| Private, not-for-profit             |                  |                                  |         |        |            |                     |       |
| Less-than-4-year                    | 8.0              | 24.2                             | 16.4    | 2.2    | 33.3       | 12.9                | 20.2  |
| 4-year nondoctorate-granting        | 5.9              | 17.6                             | 7.1     | 3.2    | 14.3       | 42.4                | 20.6  |
| 4-year doctorate-granting           | 4.3              | 14.1                             | 19.5    | 5.6    | 25.5       | 29.9                | 13.8  |
| Private, for-profit                 | 7.3              | 13.1                             | 15.5    | 0.6    | 38.7       | 23.1                | 23.5  |
| Class level                         |                  |                                  |         |        |            |                     |       |
| First-year beginning                | 5.9              | 15.2                             | 12.4    | 3.7    | 17.2       | 38.1                | 21.4  |
| Other first year                    | 6.6              | 20.9                             | 16.3    | 2.7    | 27.7       | 22.1                | 20.1  |
| Second year                         | 4.6              | 9.8                              | 18.4    | 3.4    | 20.6       | 31.3                | 21.3  |
| Third year                          | 5.1              | 17.9                             | 18.0    | 3.6    | 26.0       | 36.7                | 13.9  |
| Fourth or fifth year                | 4.4              | 18.0                             | 17.8    | 2.4    | 19.7       | 22.6                | 23.3  |
| Unclassified                        | 5.5              | 7.7                              | 20.4    | 0.0    | 24.6       | 27.3                | 37.8  |
| Attendance intensity                |                  |                                  |         |        |            |                     |       |
| Exclusively full-time               | 5.7              | 15.1                             | 15.5    | 2.3    | 23.2       | 32.0                | 19.4  |
| Mixed full-time and part-time       | 4.6              | 17.3                             | 16.4    | 2.6    | 19.7       | 29.9                | 25.7  |
| Exclusively part-time               | 5.5              | 17.9                             | 18.6    | 4.4    | 24.5       | 24.6                | 19.8  |
| Attendance status                   |                  |                                  |         |        |            |                     |       |
| Full-time, full-year                | 5.3              | 17.5                             | 14.7    | 2.5    | 17.7       | 33.9                | 22.1  |
| Full-time, part-year                | 6.9              | 10.1                             | 15.0    | 1.3    | 34.4       | 25.7                | 18.9  |
| Part-time, full-year                | 5.5              | 19.4                             | 22.5    | 3.1    | 17.5       | 28.5                | 21.7  |
| Part-time, part-year                | 5.3              | 15.6                             | 13.2    | 5.0    | 30.2       | 23.5                | 20.8  |

**Table 7.1—Percentage of undergraduates who reported a disability and among those with disabilities, the type of disability:<sup>1</sup> 1995–96—Continued**

|  | Any disabilities | Among students with disabilities |         |        |            |                     |       |
|--|------------------|----------------------------------|---------|--------|------------|---------------------|-------|
|  |                  | Visual                           | Hearing | Speech | Orthopedic | Learning disability | Other |
| <b>Undergraduate program</b>               |                  |                                  |         |        |            |                     |       |
| Certificate                                | 7.2              | 25.5                             | 18.6    | 1.3    | 30.5       | 19.9                | 13.5  |
| Associate's degree                         | 6.1              | 11.8                             | 16.5    | 3.6    | 23.5       | 32.8                | 23.3  |
| Bachelor's degree                          | 4.6              | 15.8                             | 15.3    | 3.2    | 19.3       | 30.0                | 21.9  |
| Nondegree program                          | 3.8              | —                                | —       | —      | —          | —                   | —     |
| <b>Gender</b>                              |                  |                                  |         |        |            |                     |       |
| Male                                       | 6.3              | 14.7                             | 19.8    | 4.2    | 23.0       | 27.1                | 19.9  |
| Female                                     | 4.9              | 18.0                             | 12.8    | 1.8    | 22.7       | 31.4                | 22.5  |
| <b>Race–ethnicity</b>                      |                  |                                  |         |        |            |                     |       |
| White, non-Hispanic                        | 6.2              | 15.8                             | 17.1    | 1.8    | 22.6       | 31.3                | 20.6  |
| Black, non-Hispanic                        | 3.4              | 11.7                             | 11.3    | 1.7    | 31.3       | 18.0                | 34.2  |
| Hispanic                                   | 4.1              | 19.1                             | 17.5    | 16.3   | 17.3       | 23.7                | 14.6  |
| Asian/Pacific Islander                     | 1.9              | —                                | —       | —      | —          | —                   | —     |
| American Indian/Alaskan Native             | 13.4             | —                                | —       | —      | —          | —                   | —     |
| <b>Dependency status</b>                   |                  |                                  |         |        |            |                     |       |
| Dependent                                  | 4.6              | 16.8                             | 13.6    | 4.3    | 9.0        | 44.2                | 19.0  |
| Independent                                | 6.4              | 16.0                             | 18.1    | 2.1    | 32.4       | 19.0                | 22.6  |
| No dependents, unmarried                   | 7.0              | 22.8                             | 11.9    | 0.8    | 34.4       | 19.4                | 20.4  |
| No dependents, married                     | 4.5              | 11.4                             | 36.8    | 0.0    | 36.4       | 11.0                | 14.2  |
| With dependents                            | 6.8              | 12.4                             | 17.6    | 3.5    | 29.9       | 20.8                | 26.5  |
| <b>Age as of 12/31/95</b>                  |                  |                                  |         |        |            |                     |       |
| 18 years or younger                        | 4.5              | 18.7                             | 11.4    | 4.2    | 6.1        | 40.7                | 22.0  |
| 19–23 years                                | 4.7              | 15.4                             | 16.1    | 3.8    | 9.6        | 42.9                | 19.4  |
| 24–29 years                                | 4.2              | 14.5                             | 19.6    | 4.5    | 20.8       | 28.5                | 22.9  |
| 30–39 years                                | 6.5              | 19.2                             | 14.7    | 1.3    | 33.1       | 19.8                | 19.9  |
| 40 years or older                          | 10.3             | 16.1                             | 17.7    | 1.6    | 44.3       | 10.1                | 23.9  |
| <b>Dependency and income level in 1994</b> |                  |                                  |         |        |            |                     |       |
| <b>Dependent</b>                           |                  |                                  |         |        |            |                     |       |
| Less than \$20,000                         | 4.4              | 21.5                             | 9.2     | 10.6   | 9.2        | 43.6                | 9.7   |
| \$20,000–39,999                            | 4.1              | 16.9                             | 8.8     | 4.1    | 11.6       | 45.1                | 21.4  |
| \$40,000–59,999                            | 4.3              | 16.5                             | 19.9    | 0.7    | 12.2       | 36.4                | 27.1  |
| \$60,000–79,999                            | 4.2              | 15.7                             | 15.6    | 1.5    | 5.7        | 40.9                | 22.3  |
| \$80,000–99,999                            | 5.5              | 5.6                              | 28.4    | 14.5   | 2.7        | 42.6                | 10.8  |
| \$100,000 or more                          | 6.4              | 19.9                             | 5.2     | 0.3    | 7.7        | 58.4                | 16.1  |
| <b>Independent</b>                         |                  |                                  |         |        |            |                     |       |
| Less than \$10,000                         | 7.4              | 9.7                              | 8.1     | 3.0    | 32.7       | 27.0                | 32.6  |
| \$10,000–19,999                            | 7.7              | 21.1                             | 12.4    | 1.5    | 28.6       | 18.0                | 27.1  |
| \$20,000–29,999                            | 6.2              | 17.8                             | 30.3    | 4.3    | 31.2       | 15.4                | 12.8  |
| \$30,000–49,999                            | 5.7              | 22.1                             | 28.2    | 0.1    | 36.5       | 12.5                | 11.9  |
| \$50,000 or more                           | 4.4              | 9.5                              | 25.9    | 1.0    | 36.1       | 15.4                | 15.8  |

**Table 7.1—Percentage of undergraduates who reported a disability and among those with disabilities, the type of disability:<sup>1</sup> 1995–96—Continued**

|   | Any disabilities | Among students with disabilities |         |        |            |                     |       |
|---|------------------|----------------------------------|---------|--------|------------|---------------------|-------|
|   |                  | Visual                           | Hearing | Speech | Orthopedic | Learning disability | Other |
| <b>Marital status</b>                                     |                  |                                  |         |        |            |                     |       |
| Not married   | 5.3              | 17.8                             | 13.5    | 3.0    | 17.2       | 34.1                | 22.8  |
| Married   | 5.8              | 13.6                             | 25.2    | 3.0    | 37.1       | 14.8                | 17.0  |
| Separated   | 9.1              | 2.5                              | 13.0    | 1.2    | 45.9       | 26.8                | 14.5  |
| <b>Single parent</b>                                      |                  |                                  |         |        |            |                     |       |
| No  | 5.4              | 17.0                             | 16.4    | 3.1    | 23.5       | 30.0                | 18.7  |
| Yes   | 6.4              | 11.6                             | 15.2    | 2.5    | 18.3       | 23.6                | 40.1  |
| <b>Number of dependents</b>                               |                  |                                  |         |        |            |                     |       |
| None  | 5.1              | 18.0                             | 15.7    | 2.8    | 19.9       | 32.8                | 18.9  |
| One or more   | 6.8              | 12.4                             | 17.6    | 3.5    | 29.9       | 20.8                | 26.5  |
| <b>Parents' education</b>                                 |                  |                                  |         |        |            |                     |       |
| Less than high school diploma                             | 7.1              | 16.1                             | 20.9    | 4.1    | 36.8       | 15.9                | 20.4  |
| High school diploma or equivalent                         | 5.6              | 23.7                             | 17.9    | 2.3    | 25.7       | 20.9                | 17.4  |
| Some postsecondary education                              | 5.8              | 14.3                             | 14.6    | 0.4    | 23.0       | 37.5                | 20.9  |
| Bachelor's degree or higher                               | 5.4              | 13.4                             | 17.9    | 3.8    | 12.7       | 41.7                | 19.8  |
| <b>Primary role if working while enrolled<sup>3</sup></b> |                  |                                  |         |        |            |                     |       |
| Student working to meet expenses                          | 4.5              | 17.9                             | 15.6    | 1.5    | 12.3       | 45.0                | 15.0  |
| Employee enrolled in school                               | 4.5              | 26.9                             | 24.2    | 3.5    | 23.3       | 19.4                | 8.5   |
| <b>Average hours worked while enrolled</b>                |                  |                                  |         |        |            |                     |       |
| Did not work  | 9.2              | 11.7                             | 13.6    | 1.9    | 35.0       | 22.2                | 29.5  |
| 1–15 hours  | 4.8              | 17.4                             | 10.9    | 2.8    | 17.8       | 37.9                | 20.8  |
| 16–20 hours   | 3.6              | 10.7                             | 21.0    | 5.3    | 10.1       | 56.6                | 7.6   |
| 21–34 hours   | 5.8              | 15.5                             | 18.7    | 6.8    | 12.2       | 36.7                | 16.3  |
| 35 hours or more  | 4.1              | 25.1                             | 17.7    | 1.4    | 21.0       | 20.8                | 18.0  |

—Sample size too small for a reliable estimate.

<sup>1</sup>Because respondents may have had more than one disability, details may not sum to 100.

<sup>2</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>3</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as “primary role,” which includes only working students.

NOTE: Details may not sum to 100 due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

**Table 7.2—Percentage of first- and second-year undergraduates who reported taking remedial courses and among those taking courses, the type of courses: 1995–96**

|                                     | Any remedial courses <sup>1</sup> | Among students taking remedial courses |         |         |          |              |
|-------------------------------------|-----------------------------------|--|---------|---------|----------|--------------|
|                                     |                                   | Math                                   | Reading | Writing | Language | Study skills |
| Total                               | 12.4                              | 69.6                                   | 39.2    | 41.1    | 26.9     | 24.7         |
| Level of institution                |                                   |  |         |         |          |              |
| Less-than-2-year                    | 5.1                               | 57.7                                   | 32.4    | 33.3    | 30.5     | 50.0         |
| 2-year                              | 14.1                              | 72.1                                   | 42.3    | 43.4    | 28.3     | 22.5         |
| 4-year                              | 10.1                              | 62.7                                   | 31.5    | 37.6    | 24.7     | 27.9         |
| More than one institution           | 12.1                              | 72.1                                   | 35.4    | 30.9    | 17.4     | 29.3         |
| Control of institution <sup>2</sup> |                                   |  |         |         |          |              |
| Public                              | 13.6                              | 71.1                                   | 39.6    | 41.8    | 26.9     | 23.2         |
| Private, not-for-profit             | 7.9                               | 54.1                                   | 39.0    | 40.8    | 29.6     | 35.2         |
| Private, for-profit                 | 5.7                               | 59.2                                   | 35.3    | 40.3    | 36.9     | 34.3         |
| Institution type <sup>2</sup>       |                                   |  |         |         |          |              |
| Public                              |                                   |  |         |         |          |              |
| Less-than-2-year                    | 6.7                               | 76.7                                   | 16.4    | 18.2    | 16.3     | 52.1         |
| 2-year                              | 14.5                              | 72.3                                   | 42.6    | 43.6    | 28.1     | 22.2         |
| 4-year nondoctorate-granting        | 13.9                              | 69.6                                   | 28.2    | 38.7    | 23.3     | 20.3         |
| 4-year doctorate-granting           | 9.2                               | 62.0                                   | 30.2    | 33.0    | 22.5     | 32.2         |
| Private, not-for-profit             |                                   |  |         |         |          |              |
| Less-than-4-year                    | 7.1                               | 57.3                                   | 46.1    | 37.3    | 33.6     | 38.0         |
| 4-year nondoctorate-granting        | 9.6                               | 55.0                                   | 36.2    | 39.4    | 28.4     | 38.0         |
| 4-year doctorate-granting           | 4.8                               | 48.0                                   | 46.0    | 49.6    | 31.2     | 21.4         |
| Private, for-profit                 | 5.7                               | 59.2                                   | 35.3    | 40.3    | 36.9     | 34.3         |
| Class level                         |                                   |  |         |         |          |              |
| First-year beginning                | 19.7                              | 64.2                                   | 38.6    | 37.7    | 25.3     | 26.8         |
| Other first year                    | 11.3                              | 75.9                                   | 45.7    | 49.2    | 29.1     | 22.5         |
| Second year                         | 6.1                               | 73.3                                   | 23.8    | 32.9    | 26.4     | 22.8         |
| Attendance status                   |                                   |  |         |         |          |              |
| Full-time, full-year                | 12.3                              | 65.9                                   | 41.1    | 39.0    | 22.1     | 25.5         |
| Full-time, part-year                | 16.9                              | 73.3                                   | 41.2    | 44.0    | 41.6     | 25.1         |
| Part-time, full-year                | 13.6                              | 74.1                                   | 34.0    | 44.4    | 21.7     | 21.8         |
| Part-time, part-year                | 8.9                               | 66.2                                   | 40.8    | 37.2    | 29.2     | 27.3         |
| Undergraduate program               |                                   |  |         |         |          |              |
| Certificate                         | 6.1                               | 74.4                                   | 50.8    | 32.5    | 34.5     | 39.8         |
| Associate's degree                  | 16.0                              | 71.4                                   | 40.2    | 43.5    | 27.0     | 22.6         |
| Bachelor's degree                   | 10.6                              | 60.7                                   | 33.0    | 37.5    | 24.4     | 26.9         |
| Nondegree program                   | 4.4                               | 86.5                                   | 23.6    | 33.3    | 19.3     | 11.7         |
| Gender                              |                                   |  |         |         |          |              |
| Male                                | 12.3                              | 66.4                                   | 39.7    | 44.8    | 24.3     | 20.7         |
| Female                              | 12.4                              | 71.9                                   | 38.8    | 38.4    | 28.7     | 27.7         |

**Table 7.2—Percentage of first- and second-year undergraduates who reported taking remedial courses and among those taking courses, the type of courses: 1995–96—Continued**

|  | Any remedial courses <sup>1</sup> | Among students taking remedial courses |         |         |          |              |
|--|-----------------------------------|--|---------|---------|----------|--------------|
|  |                                   | Math                                   | Reading | Writing | Language | Study skills |
| <b>Race–ethnicity</b>                      |                                   |  |         |         |          |              |
| White, non-Hispanic                        | 10.5                              | 68.7                                   | 35.2    | 38.0    | 24.0     | 23.3         |
| Black, non-Hispanic                        | 18.0                              | 75.3                                   | 39.4    | 39.2    | 33.9     | 23.1         |
| Hispanic                                   | 17.6                              | 72.8                                   | 42.0    | 48.9    | 20.9     | 28.3         |
| Asian/Pacific Islander                     | 12.4                              | 44.1                                   | 68.1    | 56.4    | 42.8     | 30.3         |
| American Indian/Alaskan Native             | 16.3                              | —                                      | —       | —       | —        | —            |
| <b>Dependency status</b>                   |                                   |  |         |         |          |              |
| Dependent                                  | 14.7                              | 70.1                                   | 40.2    | 40.1    | 21.5     | 23.3         |
| Independent                                | 10.0                              | 68.8                                   | 37.7    | 42.4    | 34.5     | 26.8         |
| No dependents, unmarried                   | 10.1                              | 80.0                                   | 41.8    | 41.0    | 18.7     | 30.2         |
| No dependents, married                     | 5.5                               | 46.3                                   | 36.3    | 42.0    | 34.7     | 19.1         |
| With dependents                            | 11.6                              | 67.2                                   | 35.8    | 43.2    | 42.4     | 26.5         |
| <b>Age as of 12/31/95</b>                  |                                   |  |         |         |          |              |
| 18 years or younger                        | 18.8                              | 70.1                                   | 40.2    | 41.6    | 21.1     | 22.5         |
| 19–23 years                                | 13.3                              | 70.1                                   | 40.0    | 38.7    | 23.5     | 22.1         |
| 24–29 years                                | 11.3                              | 72.2                                   | 42.3    | 38.6    | 31.7     | 28.5         |
| 30–39 years                                | 8.7                               | 63.1                                   | 39.9    | 48.1    | 39.1     | 23.2         |
| 40 years or older                          | 7.1                               | 69.2                                   | 21.9    | 48.7    | 37.4     | 43.1         |
| <b>Dependency and income level in 1994</b> |                                   |  |         |         |          |              |
| <b>Dependent</b>                           |                                   |  |         |         |          |              |
| Less than \$20,000                         | 18.0                              | 64.1                                   | 41.0    | 37.6    | 34.5     | 31.0         |
| \$20,000–39,999                            | 16.0                              | 71.2                                   | 37.6    | 34.6    | 19.2     | 27.6         |
| \$40,000–59,999                            | 15.3                              | 71.5                                   | 41.2    | 42.8    | 22.6     | 20.2         |
| \$60,000–79,999                            | 12.8                              | 81.5                                   | 54.1    | 57.9    | 11.9     | 10.9         |
| \$80,000–99,999                            | 12.9                              | 62.5                                   | 24.3    | 26.1    | 17.4     | 15.3         |
| \$100,000 or more                          | 9.8                               | 61.4                                   | 29.2    | 34.0    | 12.7     | 30.4         |
| <b>Independent</b>                         |                                   |  |         |         |          |              |
| Less than \$10,000                         | 16.4                              | 77.0                                   | 34.9    | 41.0    | 38.2     | 30.8         |
| \$10,000–19,999                            | 12.7                              | 68.5                                   | 38.5    | 41.5    | 30.4     | 25.0         |
| \$20,000–29,999                            | 8.0                               | 59.0                                   | 32.4    | 55.2    | 36.5     | 28.5         |
| \$30,000–49,999                            | 7.2                               | 54.3                                   | 48.8    | 42.6    | 33.5     | 20.1         |
| \$50,000 or more                           | 3.2                               | 73.3                                   | 37.3    | 26.1    | 26.7     | 20.3         |
| <b>Marital status</b>                      |                                   |  |         |         |          |              |
| Not married                                | 13.8                              | 70.8                                   | 40.8    | 41.8    | 25.1     | 26.0         |
| Married                                    | 7.6                               | 58.7                                   | 32.4    | 36.6    | 35.8     | 17.7         |
| Separated                                  | 10.3                              | 92.4                                   | 18.5    | 42.8    | 39.6     | 20.0         |
| <b>Single parent</b>                       |                                   |  |         |         |          |              |
| No   | 12.0                              | 69.9                                   | 39.0    | 40.0    | 24.0     | 23.5         |
| Yes  | 14.9                              | 67.2                                   | 40.4    | 47.8    | 45.0     | 32.6         |

**Table 7.2—Percentage of first- and second-year undergraduates who reported taking remedial courses and among those taking courses, the type of courses: 1995–96—Continued**

|   | Any remedial courses <sup>1</sup> | Among students taking remedial courses |         |         |          |              |
|---|-----------------------------------|--|---------|---------|----------|--------------|
|   |                                   | Math                                   | Reading | Writing | Language | Study skills |
| Number of dependents                                |                                   |  |         |         |          |              |
| None  | 12.6                              | 70.3                                   | 40.2    | 40.4    | 21.8     | 24.2         |
| One or more   | 11.6                              | 67.2                                   | 35.8    | 43.2    | 42.4     | 26.5         |
| Parents' education                                  |                                   |  |         |         |          |              |
| Less than high school diploma                       | 15.8                              | 61.1                                   | 48.2    | 45.6    | 32.0     | 36.4         |
| High school diploma or equivalent                   | 12.7                              | 69.6                                   | 39.4    | 37.0    | 26.7     | 24.7         |
| Some postsecondary education                        | 12.0                              | 72.4                                   | 45.2    | 42.5    | 34.7     | 24.9         |
| Bachelor's degree or higher                         | 10.6                              | 71.4                                   | 34.1    | 42.1    | 17.8     | 22.2         |
| Disability status                                   |                                   |  |         |         |          |              |
| No  | 12.0                              | 70.0                                   | 37.6    | 41.2    | 26.8     | 23.9         |
| Yes   | 18.4                              | 65.2                                   | 55.2    | 40.1    | 27.0     | 33.1         |
| Primary role if working while enrolled <sup>3</sup> |                                   |  |         |         |          |              |
| Student working to meet expenses                    | 13.4                              | 72.9                                   | 37.7    | 40.2    | 20.7     | 24.3         |
| Employee enrolled in school                         | 8.8                               | 71.9                                   | 44.1    | 46.0    | 32.8     | 26.6         |
| Average hours worked while enrolled                 |                                   |  |         |         |          |              |
| Did not work  | 15.6                              | 61.8                                   | 38.4    | 39.5    | 33.5     | 23.9         |
| 1–15 hours  | 10.1                              | 71.0                                   | 32.3    | 39.2    | 30.2     | 25.1         |
| 16–20 hours   | 13.8                              | 73.0                                   | 38.6    | 45.2    | 18.7     | 30.0         |
| 21–34 hours   | 13.1                              | 65.2                                   | 38.6    | 43.2    | 28.3     | 32.9         |
| 35 hours or more                                    | 10.6                              | 76.5                                   | 42.7    | 40.8    | 22.8     | 19.4         |

—Sample size too small for a reliable estimate.

<sup>1</sup>Student-reported remedial education status reported by NPSAS undergraduates differs markedly from the proportion of students taking remedial courses reported by institutions. In a survey of remedial education in higher education, institutions reported that 29 percent of first-time freshmen had enrolled in at least one remedial reading, writing, or mathematics course in fall 1995. U.S. Department of Education, National Center for Education Statistics, *Remedial Education at Higher Education Institutions in Fall 1995* (NCES 97-584) (Washington, D.C.: 1996).

<sup>2</sup>Category for “more than one institution” is shown only under “level of institution.” The distributions are identical.

<sup>3</sup>Total percentages may not be within the range of percentages for subgroups due to missing values, or because the row variable may include only a subgroup of the total, such as “primary role,” which includes only working students.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 National Postsecondary Student Aid Study (NPSAS:96), Undergraduate Data Analysis System.

# APPENDIX A—GLOSSARY

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This glossary describes the variables used in this report. The items were taken directly from the NCES NPSAS:96 undergraduate Data Analysis System (DAS), an NCES software application that generates tables from the NPSAS:96 data (see appendix B for a description of the DAS). The variables listed in the index below are organized by sections in the order they appear in the report; the glossary is in alphabetical order by variable name (displayed along the right-hand column). Some items were reported by the student only during the Computer-Assisted Telephone Interview (CATI). Variables based only on CATI respondents are identified.

## GLOSSARY INDEX

### EMPLOYMENT VARIABLES

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| Primary role if working while enrolled .....                                | SEROLE   |
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| Number of hours expected by parents.....                                    | SHHRSEXP |
| Principal job on campus.....  | SEONOFF  |
| Received work study.....  | TOTWKST  |
| Job restricts choice of classes .....                                       | SETIME   |
| Job limits class schedule .....   | SESCHED  |
| Job limits access to library .....  | SELIBRY  |
| Job limits number of classes .....  | SECHOICE |
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| Participated in apprenticeships .....                                       | APPRENT  |
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### ENROLLMENT AND INSTITUTION CHARACTERISTICS

|                                      |          |
|--------------------------------------|----------|
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| Control of institution.....          | AIDCTRL  |
| Level of institution .....           | AIDLEVEL |
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### DEGREE PROGRAM, FIELD OF STUDY, GRADE

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|--|----------|
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#### STUDENT CHARACTERISTICS

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**EDUCATIONAL ASPIRATIONS AND COMMUNITY**

**SERVICE VARIABLES**

Highest level of education planned .....SBHIGHED  
Community service ..... COMMNUM  
Community service hours..... COMMHOUR

**DISABILITY STATUS AND REMEDIAL COURSE**

**TAKING**

Deaf or hard-of-hearing .....DEAFNESS  
Disability status..... DISABIL  
Other health-related disabilities .....HEALTOTH

Learning disability ..... LEARNDIS  
Orthopedic impairment ..... ORTHO  
Took remedial courses .....ANYREM  
Remedial language courses ..... SILANG  
Remedial math courses ..... SIMATH  
Remedial reading courses ..... SIREAD  
Remedial study skills courses .....SISTUD  
Remedial writing courses.....SIWRIT  
Speech impairment.....SPEECH  
Visual impairment..... VISUAL

**Age as of 12/31/95****AGE**

18 years or younger  
 19-23 years  
 24-29 years  
 30-39 years  
 40 years or older

**Control of institution****AIDCTRL**

Source of revenue and control of operations for student's institution.

|   |  |
|---|--|
| Public                                  | A postsecondary education institution supported primarily by public funds and operated by publicly elected or appointed officials who control the programs and activities. |
| Private, not-for-profit                 | A postsecondary institution that is controlled by an independent governing board and incorporated under Section 501(c)(3) of the Internal Revenue Code.                    |
| Private, for-profit                     | A postsecondary institution that is privately owned and operated as a profit-making enterprise. Includes career colleges and proprietary institutions.                     |
| More than one institution <sup>39</sup> | Student was enrolled in more than one institution during 1995-96.  |

**Level of institution****AIDLEVL**

Highest award offering of student's institution.

|        |  |
|--------|--|
| 4-year | Denotes 4-year institutions that can award bachelor's degrees or higher, including institutions that award doctorate degrees and first-professional degrees. These include chiropractic, pharmacy, dentistry, podiatry, medicine, veterinary medicine, optometry, law, osteopathic medicine, and theology. |
| 2-year | Institution that does not confer bachelor's degrees, but does provide 2-year programs that result in a certificate or an associate's degree, or 2-year programs that fulfill part of the requirements for a bachelor's degree or higher at 4-year institutions.  |

<sup>39</sup>In tables where level of institution, control of institution, and type of institution appear together, the row for "more than one institution level since the distributions are identical.

|                           |  |
|---------------------------|--|
| Less-than-2-year          | At least one of the programs offered at the institution is three months or longer, and produces a terminal award or certificate. In addition, no program at the institution lasts longer than two years. |
| More than one institution | See AIDCTRL.   |

***Institution type***

**AIDSECT**

Indicates the level and control of student's institution used for financial aid. Institution level concerns the institution's highest offering (see AIDLEVL), and control concerns the source of revenue and control of operations (see AIDCTRL). Some categories are combined in selected tables.

Public

- Less-than-2-year
- 2-year
- 4-year nondoctorate-granting
- 4-year doctorate-granting

Private, not-for-profit

- Less-than-4-year
- 4-year nondoctorate-granting
- 4-year doctorate-granting

Private, for-profit

- More than one institution<sup>40</sup>

***Took remedial courses***

**ANYREM**

Student's response to the question "During 1995-96, did you take remedial or development courses?" A related question was also asked of those reporting taking remedial classes: "Was this to improve your skills in reading (SIREAD), writing (SIWRIT), math (SIMATH), study skills (SISTUD), English language skills (SILANG)?" Asked on student CATI (Yes/No).

***Participated in apprenticeships***

**APPRENT**

Indicates whether the student reported participating in an apprenticeship program during 1995-96. For complete description, see SEPROGRM. Asked on student CATI (Yes/No).

***Attendance intensity***

**ATTNPTRN**

Attendance intensity in 1995-96. Attendance pattern refers to the student's full-time, part-time, or mixed attendance while enrolled. Includes enrollment at all institutions.

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<sup>40</sup>See AIDCTRL. In tables where level of institution, control of institution, and type of institution appear together, the row for "more than one institution" appears only for institution level since the distributions are identical.

|                               |   |
|-------------------------------|---|
| Exclusively full-time         | Students were enrolled full time for all months enrolled in college.  |
| Mixed full-time and part-time | Students were enrolled both full time and part time or had some other pattern of enrollment during enrolled months. |
| Exclusively part-time         | Students were enrolled exclusively part time during enrolled months.  |

***Attendance status*****ATTNSTAT**

Combined attendance intensity and persistence during 1995-96. Intensity refers to the student's full- or part-time attendance while enrolled. Persistence refers to the number of months a student was enrolled during the year. Students were considered to have been enrolled for a full year if they were enrolled eight or more months during 1995-96. Months did not have to be contiguous or at the same institution, and students did not have to be enrolled for a full month in order to be considered enrolled for that month. In prior NPSAS surveys, full year had been defined as nine or more months. Includes enrollment at all institutions.

|                      |  |
|----------------------|--|
| Full-time, full-year | Student was enrolled full time for at least eight months during 1995-96. Additional months enrolled could be part time.  |
| Full-time, part-year | Student was enrolled full time for less than eight months during 1995-96 and attending full time in all of these months. |
| Part-time, full-year | Student was enrolled eight or more months during 1995-96, and some of these months were part time.                       |
| Part-time, part-year | Student was enrolled less than eight months during 1995-96, and some of these months were part time.                     |

***Citizenship*****CITIZEN2**

Indicates a student's citizenship status and financial aid eligibility. Variable was constructed from data reported on Free Application for Federal Student Aid (FAFSA).

|                          |  |
|--------------------------|--|
| U.S. citizen             | Student was a U.S. citizen.  |
| Noncitizen, eligible     | Student was not a U.S. citizen but was eligible for financial aid.     |
| Noncitizen, not eligible | Student was not a U.S. citizen and was not eligible for financial aid. |

***Community service*****COMMNUM**

Student response to the question "Did you do any community service or volunteer work during the past year, other than court-ordered service?" Asked on student CATI.

No community service  
 One activity  
 Two or more activities

***Community service hours***

**COMMHOUR**

Among those who volunteered, indicates student response to the question “How much time did you volunteer?”  
 Asked on student CATI.

***Participated in cooperative education***

**COOP**

Indicates whether student reported participating in a cooperative education program during 1995-96. For complete description, see SEPROGRM. Asked on student CATI (Yes/No)

***Deaf or hard-of-hearing***

**DEAFNESS**

Indicates whether student reported being deaf or hard-of-hearing. For a complete description, see DISABIL. Asked of first- and second-year students on student CATI (Yes/No).

***Undergraduate program***

**DEGFIRST**

Degree program in which student was enrolled in the first term, as reported by the institution. If not available from the institution, information was taken from student interview. Refers to NPSAS institution for those enrolled in more than one institution.

|                    |  |
|--------------------|--|
| Certificate        | Student pursuing a certificate or formal award other than an associate’s or bachelor’s degree. |
| Associate’s degree | Student pursuing an associate’s degree.  |
| Bachelor’s degree  | Student pursuing a Bachelor of Arts or Bachelor of Science degree.                             |
| Nondegree program  | Student is not in any of the above degree programs.  |

***Dependency status***

**DEPEND4**

Student dependency status for financial aid including marital status. Students were considered independent if they met one of the following criteria:

- 1) Student was 24 years old or older as of 12/31/95;
- 2) Student was a veteran of the U.S. Armed Forces;
- 3) Student was enrolled in a graduate or professional program (beyond a bachelor’s degree) in 1995-96;
- 4) Student was married;

Mostly C's

C's and D's or lower

*Other health-related disabilities*

Student's GPA was between 2.75 and 3.24.

Student's GPA was between 2.25 and 2.74.

Student's GPA was between 1.75 and 2.24.

Student's GPA was below 1.75.

**HEALTOTH**

Indicates whether student reported having any other health-related limitation or disability. For a complete description, see DISABIL. Asked on student CATI (Yes/No).

***Average hours worked per week while enrolled***

**HRSWORK**

Average number of hours per week that students reported working while enrolled in 1995-96. It is based on the student CATI question “About how many hours did you work per week while you were enrolled?” The variable does not include hours worked when student was not enrolled.

- Did not work
- 1-15 hours
- 16-20 hours
- 21-34 hours
- 35 hours or more

***High school degree or equivalency status***

**HSDEG**

Form in which high school degree or equivalent was received.

- |                               |   |
|-------------------------------|---|
| High school diploma           | Student graduated from high school.   |
| GED or high school equivalent | Student did not graduate from high school but passed the General Educational Development (GED) exam or high school equivalent, administered by the American Council on Education. |
| Certificate of completion     | Student received a certificate of completion.   |
| No high school credential     | Student neither graduated from high school nor earned a GED or certificate of completion.   |

***Income and dependency status***

**INCOME**

The dependency status and income level of students in 1994. The source of income for dependent students is their parents or guardians; the source for independent students is their own earnings and assets.

- Dependent students
  - Less than \$20,000
  - \$20,000-39,999
  - \$40,000-59,999
  - \$60,000-79,999
  - \$80,000-99,999
  - \$100,000 or more

**Independent students**

Less than \$10,000  
 \$10,000-19,999  
 \$20,000-29,999  
 \$30,000-49,999  
 \$50,000 or more

***Participated in internships*****INTERN**

Indicates whether student reported any participation in internships (Yes/No). For complete description, see SEPROGRM. Asked on student CATI.

***Learning disability*****LEARNDIS**

Indicates whether a student reported having a learning disability. For complete description, see DISABL. Asked on student CATI (Yes/No).

***Local residency*****LOCALRES**

Students' residence while attending school.

On campus

Institution-owned living quarters for students. These are typically on-campus or off-campus dormitories, residence halls, or other facilities.

Off campus, not with family

Student lived off campus in noninstitution-owned housing but not with her or his parents or relatives.

With parents or relatives

Student lived at home with parents or other relatives.

***Major field of study*****MAJORS3**

Undergraduate major field of study among those with declared majors. Refers to NPSAS institution for those enrolled in more than one institution.

Humanities

English, liberal arts, philosophy, theology, art, music, speech/drama, art history/fine arts, area studies, African-American studies, ethnic studies, foreign languages, liberal studies, women's studies.

Social/behavioral sciences

Psychology, economics, political science, American civilization, clinical pastoral care, social work, anthropology/archaeology, history, sociology.

Life sciences

Natural resources, forestry, biological science (including zoology), botany, biophysics, geography, interdisciplinary studies, including biopsychology, environmental studies.

Physical sciences

Physical sciences including chemistry, physics.

|                                 |  |
|---------------------------------|--|
| Math                            | Mathematics, statistics.   |
| Computer/information science    | Computer/information science, computer programming.  |
| Engineering                     | Electrical, chemical, mechanical, civil, or other engineering; engineering technology; electronics.  |
| Education                       | Early childhood, elementary, secondary, special, or physical education; other education; leisure studies; library/archival sciences.   |
| Business management             | Accounting, finance, secretarial, data processing, business/management systems, public administration, marketing/distribution, business support, international relations.  |
| Health                          | Nursing, nurse assisting, community/mental health, medicine, physical education/recreation, audiology, clinical health, dentistry, veterinary medicine, health/hospital, public health, dietetics, other/general health.   |
| Vocational/technical            | Mechanic technology including transportation, protective services, construction, air/other transportation, precision production.   |
| Other professional or technical | Agriculture, agricultural science, architecture, professional city planning, journalism, communications, communications technology, cosmetology, textiles, military science, dental/medical technology, home economics, vocational home economics including child care, law, paralegal, basic/personal skills. |

***Number of dependents***

**NDEPEND**

Number of dependents reported by student not including spouse. Dependents include any individuals, whether children or elders, for whom the student was financially responsible.

***Orthopedic impairment***

**ORTHO**

If student reported a disability, indicates whether he or she had an orthopedic impairment. For complete description, see DISABIL. Asked on student CATI (Yes/No).

***Parents' education***

**PAREduc**

The highest level of education completed by the student's mother or father, whoever had the highest level. The variable was aggregated to the following categories in this report:

- Less than high school diploma
- High school diploma or equivalent
- Some postsecondary education, less than a bachelor's degree
- Bachelor's degree or higher

***Race-ethnicity*****RACE**

|                                |   |
|--------------------------------|---|
| White, non-Hispanic            | A person having origins in any of the original peoples of Europe, North Africa, or the Middle East (except those of Hispanic origin).   |
| Black, non-Hispanic            | A person having origins in any of the black racial groups of Africa, not of Hispanic origin.  |
| Hispanic                       | A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.  |
| Asian/Pacific Islander         | A person having origins in any of the peoples of the Far East, Southeast Asia, the Indian subcontinent, or Pacific Islands. This includes people from China, Japan, Korea, the Philippine Islands, Samoa, India, and Vietnam. |
| American Indian/Alaskan Native | A person having origins in any of the original peoples of North America and who maintains cultural identification through tribal affiliation or community recognition.  |

***Considered the crime rate*****SBCRIMRT**

Student response to the question “In deciding to attend [NPSAS school], did you consider the crime rate?” Asked only of students enrolled in public or private, not-for-profit 2-year or 4-year institutions on student CATI (Yes/No).

***Considered the graduation rate*****SBGRADRT**

Student response to the question “In deciding to attend [NPSAS school], did you consider the graduation rate?” Asked on student CATI (Yes/No).

***Highest level of education planned*****SBHIGHED**

Student response to the question “What is highest level of education you ever expect to complete?” Asked on student CATI.

No degree/certificate  
 Vocational certificate  
 Associate’s degree  
 Bachelor’s degree  
 Advanced degree/post-baccalaureate certificate

***Job limits number of classes*****SECHOICE**

Students who were employed and identified themselves primarily as students who were working to meet expenses were asked the question “Did having a job limit the number of classes you could take (SECHOICE), restrict the choice of classes you could take (SETIME), limit class schedules (SESCHEDED), limit your access to the library (SELIBRY)?” Asked on student CATI (Yes/No).

***Weeks employed while enrolled*****SEENRWKS**

For students who reported working while enrolled, the number of weeks they worked during their enrollment. Student response to the question “Did you work all or most of the weeks while you were enrolled?” Asked on student CATI.

Every week  
Most weeks  
About half the weeks  
Less than half the weeks

***Job limits access to library*****SELIBRY**

Students who were employed and identified themselves primarily as students who were working to meet expenses were asked if their job limited their access to the library. For a complete description, see SECHOICE. Asked on student CATI (Yes/No).

***Principal job on campus*****SEONOFF**

Student response to the question “Was your principal job on or off campus?” Asked on student CATI.

***Participated in apprenticeships, internships, or cooperative education*****SEPROGRM**

Student response to the question “During 1995-96, did you participate in an internship, apprenticeship, or cooperative education program?” Among those who participated the individual variables are participated in apprenticeships (APPENT), participated in cooperative education (COOP), and participated in internships (INTERN). Asked on student CATI (Yes/No).

***Primary role if working while enrolled*****SEROLE**

Student response to the question “While you were working, would you say that you were primarily a student working to meet expenses or an employee who’s decided to enroll in school?” Asked on student CATI.

Student working to meet expenses  
Employee enrolled in school

***Job limits class schedule*****SESCHEDED**

Students who were employed and identified themselves primarily as students who were working to meet expenses were asked if their job limited their class schedule. For complete description, see SECHOICE. Asked on student CATI (Yes/No).

***Job restricts choice of classes*****SETIME**

Students who were employed and identified themselves primarily as students who were working to meet expenses were asked if their job restricted their choice of classes. For complete description, see SECHOICE. Asked on student CATI.

***Registered to vote in U.S. election*****SGVOTE**

Student response to the question “Are you registered to vote in the U.S. elections?” Asked on student CATI (Yes/No).

***Will vote or voted in 1996 presidential election*****SGVOTE96**

Student response to the question “Did you vote [if after election] or are you planning to vote in the 1996 presidential

***Effect of job on academic performance*****SHEFFECT**

Applies to students who were employed and considered themselves primarily students. Student response to the question “Do you think the amount of time you were working had a positive effect, a negative effect, or no effect on your

***Ever voted*****SGVOTEVR**

Student response to the question “Have you ever voted in any national, state, or local elections?” Asked on student CATI (Yes/No).

***Number of hours expected by parents*****SHHRSEXP**

Student response to the question “How many hours did your [referent parent] expect you to work in an average week?” Asked of dependent students whose parents expected them to work on student CATI.

***Parents expect student to work*****SHWRKEXP**

Student response to the question “Did your [referent parent] expect you to have a job for pay during the 1995-96 school year?” Asked of all dependent students on student CATI (Yes/No).

***Remedial language courses*****SILANG**

Indicates whether first- or second-year students took a remedial English language class in 1995-96. For complete description, see ANYREM. Asked on student CATI (Yes/No).

***Remedial math courses*****SIMATH**

Indicates whether first- or second-year students took a remedial math class in 1995-96. For complete description, see ANYREM. Asked on student CATI (Yes/No).

***Single parent*****SINGLPAR**

Indicates whether student was a single parent in 1995-96. Students were considered to be single parents if they had dependents and were not married. Asked on student CATI (Yes/No).

***Remedial reading courses***

**SIREAD**

Indicates whether first- or second-year students took a remedial reading class in 1995-96. For complete description, see ANYREM. Asked on student CATI. (Yes/No).

***Remedial study skills courses***

**SISTUD**

Indicates whether first- or second-year students took a remedial study skills class in 1995-96. For complete description, see ANYREM. Asked on student CATI (Yes/No).

***Remedial writing courses***

**SIWRIT**

Indicates whether first- or second-year students took a remedial writing class in 1995-96. For complete description, see ANYREM. Asked on student CATI (Yes/No).

***Marital status***

**SMARITAL**

Marital status of student when applied for financial aid in 1995-96.

- Not married
- Married
- Separated

***Speech impairment***

**SPEECH**

If student reported a disability, indicates whether student had speech limitations. For complete description, see DISABIL. Asked on student CATI (Yes/No).

***Received federal aid***

**TFEDAID**

Total amount of federal aid received by a student in 1995-96 from all federal aid programs. Positive values on this variable were used to identify the percentage of students who received this category of aid.

***Received any aid***

**TOTAID**

Total amount of financial aid received by a student in 1995-96. Includes grants, loans, or work study, as well as loans under the PLUS program. The percentage of students with any aid is the percentage with positive amounts recorded for this variable.

***Received grants***

**TOTGRT**

Total amount of grant aid received by a student in 1995-96. Grants are a type of student financial aid that does not require repayment or employment. At the undergraduate level it is usually (but not always) awarded on the basis of need, possibly combined with some skills or characteristics that a student possesses. Grants include scholarships and fellowships. The percentage of students with grants is the percentage with positive amounts recorded for this variable.

***Received loans*****TOTLOAN**

Total amount of loan aid received by a student in 1995-96. This includes all loans through federal, state, or institutional programs except PLUS loans (which are made to parents). Loans are a type of student financial aid that advances funds and that are evidenced by a promissory note requiring the recipient to repay the specified amounts under prescribed conditions. The percentage of students with loans is the percentage with positive amounts recorded for this variable.

***Received work study*****TOTWKST**

Total amount of work-study aid received by a student in 1995-96. Work-study programs provide partial reimbursement of wages paid to students. They may be sponsored by the federal or state governments or by the institution. The percentage of students with work study is the percentage with positive amounts recorded for this variable.

***Undergraduate class level*****UGLEVEL1**

Year in school. A function of class level reported by the institution for the first term in college. If not available from the institution, information was taken from the financial aid form, loan record, or student interview. Refers to NPSAS institution for those enrolled in more than one institution.

First-year beginning  
Other first year  
Second year  
Third year  
Fourth or fifth year  
Unclassified

***Visual impairment*****VISUAL**

If student reported a disability, indicates whether student had visual limitations in 1995-96. For complete description, see DISABIL. Asked on student CATI (Yes/No).



## APPENDIX B—TECHNICAL NOTES AND METHODOLOGY

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### THE 1995-96 NATIONAL POSTSECONDARY STUDENT AID STUDY (NPSAS:96)

The 1995-96 National Postsecondary Student Aid Study (NPSAS:96) is a comprehensive nationwide study representing approximately 16.7 million undergraduates enrolled in more than 830 postsecondary institutions. The study is conducted by the Department of Education's National Center for Education Statistics (NCES) to determine how students and their families pay for postsecondary education. It is designed to address the policy questions resulting from the rapid growth of financial aid programs, and the succession of changes in financial aid program policies since 1986. The first NPSAS study was conducted in 1986-87 and then again in 1989-90 and in 1992-93.<sup>41</sup> The study also describes demographic and other characteristics of students enrolled. It is based on a nationally representative sample of approximately 41,400 undergraduates (including 27,000 student interviews) enrolled in postsecondary education institutions. Students attending all types and levels of institutions are represented in the sample, including those in public and private institutions, and those in less-than-2-year institutions, 2-year institutions, and 4-year colleges and universities. The weighted effective response rate for the telephone interviews was 76.2 percent.

### DATA ANALYSIS SYSTEM

The estimates presented in this report were produced using the NPSAS:96 Data Analysis Systems (DAS), software developed by NCES. The DAS software makes it possible for users to specify and generate their own tables from the NPSAS:96 data. With the DAS, users can replicate or expand upon the tables presented in this report. In addition to the table estimates, the DAS calculates proper standard errors<sup>42</sup> and weighted sample sizes for these estimates. For ex-

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<sup>41</sup>For more information on the NPSAS survey, consult *Methodology Report for the 1995-96 National Postsecondary Student Aid Study* (NCES 98-073) (Washington, DC: U.S. Department of Education, National Center for Education Statistics, 1998).

<sup>42</sup>The NPSAS:96 samples are not simple random samples and, therefore, simple random sample techniques for estimating sampling error cannot be applied to these data. The DAS takes into account the complexity of the sampling procedures and calculates standard errors appropriate for such samples. The method for computing sampling errors used by the DAS involves approximating the estimator by the linear terms of a Taylor series expansion. The procedure is typically referred to as the Taylor series method.

ample, table B1 (at the end of this appendix) contains standard errors that correspond to table 1.2 in the table compendium, and was generated by the DAS. If the number of valid cases is too small to produce a reliable estimate (less than 30 cases), the DAS prints the message “low-N” instead of the estimate.

In addition to tables, the DAS will also produce a correlation matrix of selected variables to be used for linear regression models. Included in the output with the correlation matrix are the design effects (DEFTs) for each variable in the matrix. Since statistical procedures generally compute regression coefficients based on simple random sample assumptions, the standard errors must be adjusted with the design effects to take into account the NPSAS:96 stratified sampling method. (See discussion under “Statistical Procedures” below for the adjustment procedure.)

For more information about the NPSAS:96 Data Analysis Systems or to obtain access to them, consult the NCES DAS Website ([www.pedar-das.org](http://www.pedar-das.org)) or contact:

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NCES Data Development and Longitudinal Studies Group  
555 New Jersey Avenue, NW  
Washington, DC 20208-5652  
(202) 219-1365  
Internet address: [Adamico@inet.ed.gov](mailto:Adamico@inet.ed.gov)

## WEIGHTS

Two sets of weights were used in this analysis: the Study weight, which was based on the entire sample, and the CATI weight, which was based on students who were interviewed. In cases where information was obtained only from students, estimates were calculated using the CATI weight. These variables are identified as such in the glossary.

## STATISTICAL PROCEDURES

The descriptive comparisons were tested in this report using Student’s  $t$  statistic. Differences between estimates are tested against the probability of a Type I error, or significance level. The significance levels were determined by calculating the Student’s  $t$  values for the differences between each pair of means or proportions and comparing these with published tables of significance levels for two-tailed hypothesis testing.

Student's  $t$  values may be computed to test the difference between estimates with the following formula:

$$t = \frac{E_1 - E_2}{\sqrt{se_1^2 + se_2^2}} \quad (1)$$

where  $E_1$  and  $E_2$  are the estimates to be compared and  $se_1$  and  $se_2$  are their corresponding standard errors. This formula is valid only for independent estimates. When estimates are not independent, a covariance term must be added to the formula. If the comparison is between the mean of a subgroup and the mean of the total group, the following formula is used:

$$\frac{E_{sub} - E_{tot}}{\sqrt{se_{sub}^2 + se_{tot}^2 - 2p se_{sub}^2}} \quad (2)$$

where  $p$  is the proportion of the total group contained in the subgroup.<sup>43</sup>

When comparing two percentages from a distribution that adds to 100 percent, the following formula is used:

$$\frac{E_1 - E_2}{\sqrt{se_1^2 + se_2^2 - 2(r)se_1 se_2}} \quad (3)$$

where  $r$  is the correlation between the two estimates.<sup>44</sup> The estimates, standard errors, and correlations can all be obtained from the DAS.

There are hazards in reporting statistical tests for each comparison. First, comparisons based on large  $t$  statistics may appear to merit special attention. This can be misleading, since the magnitude of the  $t$  statistic is related not only to the observed differences in means or percentages but also to the number of students in the specific categories used for comparison. Hence, a small difference compared across a large number of students would produce a large  $t$  statistic.

A second hazard in reporting statistical tests for each comparison occurs when making multiple comparisons among categories of an independent variable. For example, when making paired comparisons among different levels of income, the probability of a Type I error for these comparisons taken as a group is larger than the probability for a single comparison. When more than one difference between groups of related characteristics or "families" are tested for statisti-

<sup>43</sup>U.S. Department of Education, National Center for Education Statistics, *A Note from the Chief Statistician*, No. 2, 1993.

<sup>44</sup>*Ibid.*

cal significance, one must apply a standard that assures a level of significance for all of those comparisons taken together.

Comparisons were made in this report only when  $p \leq .05/k$  for a particular pairwise comparison, where that comparison was one of  $k$  tests within a family. This guarantees both that the individual comparison would have  $p \leq .05$  and that for  $k$  comparisons within a family of possible comparisons, the significance level for all the comparisons will sum to  $p \leq .05$ .<sup>45</sup>

For example, in a comparison of the percentages of males and females who enrolled in postsecondary education, only one comparison is possible (males versus females). In this family,  $k=1$ , and the comparison can be evaluated without adjusting the significance level. When students are divided into five racial-ethnic groups and all possible comparisons are made, then  $k=10$  and the significance level of each test must be  $p \leq .05/10$ , or  $p \leq .005$ . The formula for calculating family size ( $k$ ) is as follows:

$$k = \frac{j(j-1)}{2} \quad (4)$$

where  $j$  is the number of categories for the variable being tested. In the case of race-ethnicity, there are five racial-ethnic groups (American Indian; Asian/Pacific Islander; black, non-Hispanic; Hispanic; and white, non-Hispanic), so substituting 5 for  $j$  in equation 2,

$$k = \frac{5(5-1)}{2} = 10$$

## ADJUSTMENT OF MEANS TO CONTROL FOR BACKGROUND VARIATION

Tabular results are limited by sample size when attempting to control for additional factors that may account for the variation observed between two variables. For example, in this study, when examining the percentages of students who did not attend for a full academic year, it is difficult to determine to what extent the observed variation is due to work intensity differences and to what extent it is due to differences in attendance status and other factors related to work. If a nested table were produced controlling for level of work for each level of attendance status, the cell sizes become too small to identify the patterns. When the sample size becomes too small to

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<sup>45</sup>The standard that  $p \leq .05/k$  for each comparison is more stringent than the criterion that the significance level of the comparisons should sum to  $p \leq .05$ . For tables showing the  $t$  statistic required to ensure that  $p \leq .05/k$  for a particular family size and degrees of freedom, see Olive Jean Dunn, "Multiple Comparisons Among Means," *Journal of the American Statistical Association* 56 (1961): 52-64.

support controls for another level of variation, one must use other methods to take such variation into account.

To overcome this difficulty, multiple linear regression was used to obtain percentages that were adjusted for covariation among a list of control variables.<sup>46</sup> Adjusted percentages for subgroups were obtained by regressing the dependent variable (one-year attrition) on a set of descriptive variables including work intensity, attendance status, institution sector, and other independent variables. Substituting ones or zeros for the subgroup characteristic(s) of interest and the mean proportions for the other variables results in an estimate of the adjusted proportion for the specified subgroup, holding all other variables constant. For example, in a hypothetical case in which just two variables, working full time and attending part time, are used to describe attrition, represented as  $Y$  (attending fewer than eight months), the variables full-time work and part-time attendance are recoded into a dummy variable representing each group:

|                          |     |
|--------------------------|-----|
| Work intensity           | $W$ |
| Work full time           | 1   |
| Work less than full time | 0   |

and

|                              |     |
|------------------------------|-----|
| Attendance status            | $A$ |
| Attend exclusively part time | 1   |
| Attend more than part time   | 0   |

The following regression equation is then estimated from the correlation matrix output from the DAS:

$$\hat{Y} = a + b_1W + b_2A \quad (3)$$

Where  $Y$  is the adjusted percentage (or mean),  $a$  is the intercept from the regression model,  $b_1$  is the regression coefficient of the dummy variable representing students who work full time,  $W$  is

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<sup>46</sup>For more information about weighted least squares regression, see Michael S. Lewis-Beck, *Applied Regression: An Introduction*, Vol. 22 (Beverly Hills, CA: Sage Publications, Inc., 1980), and William D. Berry and Stanley Feldman, *Multiple Regression in Practice*, Vol. 50 (Beverly Hills, CA: Sage Publications, Inc., 1987).

the proportion who work full time,  $b_2$  is the regression coefficient of the dummy variable representing students who attend exclusively part time, and  $A$  is the proportion who attend exclusively part time.  $A$  and  $W$  are output from the DAS;  $a$ ,  $b_1$ , and  $b_2$  are parameters from the regression model produced by SPSS or other statistical program.

To estimate the adjusted mean for any subgroup evaluated at the mean of all other variables, one substitutes the appropriate values for that subgroup's dummy variables (1 or 0) and the mean for the dummy variable(s) representing all other subgroups. For example, when  $Y$  is described by work intensity ( $W$ ) and attendance status ( $A$ ), coded as shown above, and the means (proportions) for  $W$  and  $A$  are as follows:

| <u>Variable</u> | <u>Mean</u> |
|-----------------|-------------|
| $W$             | 0.223       |
| $A$             | 0.131       |

To estimate the adjusted value for full-time workers, one substitutes the appropriate parameter values into equation 3.

| <u>Variable</u> | <u>Parameter</u> | <u>Value</u> |
|-----------------|------------------|--------------|
| $a$             | 0.063            | —            |
| $W$             | 0.056            | 1.000        |
| $A$             | 0.191            | 0.276        |

This results in:

$$\hat{Y} = 0.063 + (0.056)(1) + (0.191)(0.131) = 0.14 \tag{4}$$

In this case the likelihood of attending less than eight months for full-time workers is 0.14 and represents the expected outcome for students working full time controlling for attendance status. In other words, the adjusted percentage is 14 percent ( $0.14 \times 100$  for conversion to percent). The original (unadjusted percentage) without taking attendance status into consideration is 17 percent (see table 7).

One can produce a multivariate model using the DAS, since one of the DAS output options is a correlation matrix, computed using pairwise missing values.<sup>47</sup> This matrix can be used by most statistical software packages as the input data for least squares regression. That is the approach used for this report, with an additional adjustment to incorporate the complex sample design into the statistical significance tests of the parameter estimates (described below). For tabular presentation, parameter estimates and standard errors were multiplied by 100 to match the scale used for reporting unadjusted and adjusted percentages.

Most statistical software packages assume simple random sampling when computing standard errors of parameter estimates. Because of the complex sampling design used for the NPSAS:96 Undergraduate survey, this assumption is incorrect. A better approximation of the standard errors is to multiply each standard error (produced by a program that assumes simple random sampling) by the average design effect of the independent variable (DEFT),<sup>48</sup> where the DEFT is the ratio of the true standard error to the standard error computed under the assumption of simple random sampling. It is calculated by the DAS and output with the correlation matrix.

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<sup>47</sup>Although the DAS simplifies the process of making regression models, it also limits the range of models. Analysts who wish to use other than pairwise treatment of missing values or to estimate probit/logit models (which are the most appropriate for models with categorical dependent variables) can apply for a restricted data license from NCES. See John H. Aldrich and Forrest D. Nelson, "Linear Probability, Logit and Probit Models" *Quantitative Applications in the Social Sciences*, Vol. 45 (Beverly Hills, CA: Sage University Press, 1984).

<sup>48</sup>The adjustment procedure and its limitations are described in C.J. Skinner, D. Holt, and T.M.F. Smith, eds., *Analysis of Complex Surveys* (New York: John Wiley & Sons, 1989).