

WEB TABLES

U.S. DEPARTMENT OF EDUCATION
NOVEMBER 2011 NCES 2012-253

Community College Student Outcomes: 1994–2009

Community college students constitute about 43 percent of all first-time undergraduates (Berkner and Choy 2008). As the largest single postsecondary sector, community colleges, also known as public 2-year institutions, have become a major focus of the “completion agenda,” initiated by the Obama administration and key agencies in an effort to raise the college attainment of young adults (Shear 2010). Numerous initiatives are underway, both to improve students’ success in community colleges (e.g., Achieving the Dream 2011) and to define more effective measures to benchmark their progress (e.g., Committee on Measures of Student Success 2009; Voluntary Framework of Accountability 2011). Documenting baseline measures of, and trends within, community college student outcomes is important to determine whether national progress is being made toward achieving the goals these endeavors have identified.

These Web Tables present community college student outcomes for three cohorts of first-time students using data from three administrations of the Beginning Postsecondary Students Longitudinal Studies (BPS): 1990–94, 1996–2001, and 2004–09. The earliest BPS study followed students for 5 years (through 1994), and the latter two cohorts followed them for 6 years (through 2001 and 2009, respectively). Therefore, the tables present 5-year outcomes for all three cohorts and 6-year outcomes for the latter two cohorts.

The tables are presented in pairs, with the “A” table showing estimates by key student characteristics (sex, race/ethnicity, age, highest education attained by either parent, income, and Pell Grant status), and the “B” table showing the same estimates by enrollment characteristics (first degree program, attendance status [full- and

part-time], remedial education participation, and employment status) when students first enrolled. Table 1 displays student-reported educational goals (below bachelor’s degree, bachelor’s degree, advanced degree) for each cohort of community college students when they first started (1989–90, 1995–96, and 2003–04). Tables 2 through 4 show outcomes 5 years after students first enrolled (as of 1994, 2000, and 2008) and tables 5 through 8 show similar but more detailed outcomes for students 6 years after they first enrolled for the latter two cohorts (as of 2001 and 2009). With larger sample sizes and additional data items, the latter two cohorts allow for more detailed breakouts (e.g., last year of enrollment for those who left without a degree or certificate). Tables 2 and 5 show comparable attainment at 5 and 6 years. Table 6 presents the total 6-year attainment and then adds another

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measure of student success: combined attainment and 4-year transfer for those who did not attain. Table 7 focuses on students who did not attain a credential after 6 years, but who were still enrolled, showing the total enrolled and then separately by the institution sector in which students were enrolled (same community college, other less-than-4-year, or 4-year institution). And finally, table 8 summarizes student “success” after 6 years, by showing the combined persistence and attainment. It also shows the last year enrolled for students who did not attain and were no longer enrolled (Year 1, Year 2, Year 3 or later).

RELATED NCES REPORTS

Web Tables—Six-Year Attainment, Persistence, Transfer, Retention, and Withdrawal Rates of Students Who Began Postsecondary Education in 2003–04 (NCES 2011-152).

<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2011152>

Persistence and Attainment of 2003–04 Beginning Postsecondary Students: After Six Years: First Look (NCES 2011-151).

<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2011151>

On Track to Complete? A Taxonomy of Beginning Community College Students and Their Outcomes 3 Years After Enrolling: 2003–04 through 2006 (NCES 2009-152).

<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2009152>

College Persistence on the Rise? Changes in 5-Year Degree Completion and Postsecondary Persistence Rates Between 1994 and 2000 (NCES 2005-156).

<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2005156>

Descriptive Summary of 1995–96 Beginning Postsecondary Students: Six Years Later (NCES 2003-151).

<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2003151>

Descriptive Summary of 1989–90 Beginning Postsecondary Students: 5 Years Later (NCES 96-155).

<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=96155>

DATA

The Beginning Postsecondary Students Longitudinal Study (BPS) follows a cohort of first-time beginning students in postsecondary education. BPS collects data on a variety of topics, including student demographic and enrollment characteristics; school and work experiences; and persistence, transfer, and degree attainment from such sources as student interviews, institutional records, federal financial aid applications, and federal student loan and Pell Grant records.

First-time beginning students in BPS are identified in the National Postsecondary Student Aid Study (NPSAS). NPSAS is a nationally representative sample of undergraduate, graduate,

and first-professional students in postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico who are eligible to participate in federal Title IV student aid programs.¹

NPSAS uses a two-stage sampling design. Institutions are selected for inclusion in the first stage, and from these institutions students are selected in the second stage. The NPSAS:08 target population consisted of all eligible undergraduate and graduate students enrolled any time between July 1 and June 30 of the study year at Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico.

For more information on BPS:90/94, BPS:96/2001, and BPS:04/09 methodology, see the following reports:

- *Beginning Postsecondary Students Longitudinal Study Second Follow-up (BPS:90/94) Final Technical Report* (<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=96153>)
- *Beginning Postsecondary Students Longitudinal Study: 1996–2001 (BPS:1996/2001) Methodology Report* (<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2002171>)
- *Persistence and Attainment of 2003–04 Beginning Postsecondary Students: After Six Years* (<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2011151>)

VARIABLES USED

All estimates presented in these Web Tables were produced using PowerStats, a web-based software application that allows users to generate tables for many of the postsecondary surveys conducted by NCES. The variables used in these Web Tables are listed below. Visit the NCES DataLab website (<http://nces.ed.gov/datalab>) to view detailed information on how these variables were constructed and their sources. Under *Detailed Information About PowerStats Variables, Beginning Postsecondary Students*, click by subject or by variable name. The program files that generated the statistics presented in these Web Tables can be found at <http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2012253>.

Label	Name		
	BPS:90/94	BPS:96/2001	BPS:04/09
Age when first enrolled	AGE	AGE	AGE
Attendance status when first enrolled	ATTENRST	ATTNSTAT	ATTNSTAT
Combined attainment and 4-year transfer	N/A	PROUT2B	PROUT6Y
Degree goal	EXEDCOL	EPHDEGY1	HIGHLVEX
Degree or certificate program when first enrolled	PROGTYP	PGM2Y1	UGDEG
Employment status when first enrolled	EMWKHR3	J1HOURY1	JOBENR2
First institution type (used to filter for community college students)	OFCO8990	ITNPSAS	FSECTOR
Five-year degree attainment and persistence	ATTENRST	PRENRL2A	PRLVL5Y
Highest education attained by either parent	RPARED	PBEDHI3	PAREduc
Income	FAMINCPR	PCTALL2	PCTALL
Last year enrolled	N/A	PRENYR2B	ENLYAT6Y
Race/ethnicity	BPSRACE	SBRACE	RACE
Received Pell Grant when first enrolled	PELLAMT	PELLAMT	PELL04
Remedial education participation: Any	REMEDIAL	RMANYY1	REMETOOK
Remedial education participation: Math	REMMATH	SIMATH	REMEDIB
Sex	H_GENDR	SBGENDER	GENDER
Six-year degree attainment and persistence	N/A	PRENRL2B	PRLVL6Y
Transfer destination (sector where first transferred)	TRANTO	ITTRSE2B	TFIFTY6Y
Transfer status after 6 years	N/A	PRTRBY2B	TFYRDI6Y

ABOUT POWERSTATS

PowerStats produces the design-adjusted standard errors necessary for testing the statistical significance of differences in the estimates. It also contains a detailed description of how each variable was created and includes question wording for items coming directly from an interview.

With PowerStats, users can replicate or expand upon the tables presented in this report. The output from PowerStats includes the table estimates (e.g., percentages or means), standard errors,² and weighted sample sizes for the estimates. If the number of valid cases is too small to produce a reliable estimate (fewer than 30 cases), Power-

Stats prints the double dagger symbol (‡) instead of the estimate.

In addition to producing tables, PowerStats users may conduct linear or logistic regressions. Many options are available for output with the regression results. For a description of all the options available, users should access the

PowerStats website

(<http://nces.ed.gov/datalab/index.aspx>). For more information, contact powerstats@ed.gov.

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For readers with disabilities, a Section 508-compliant version of these Web Tables is available at

<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2012253>.

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ENDNOTES

¹ Title IV institutions are those eligible to participate in the federal financial aid programs included in Title IV of the Higher Education Act. These programs include Pell Grants, federal student loans, work-study, and other federal aid.

² The BPS samples are not simple random samples; therefore, simple random sample techniques for estimating sampling error cannot be applied to these data. PowerStats 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 PowerStats approximates the estimator by replication of the sampled population, using a bootstrap technique.

National Center for Education Statistics

Table 1-A.

DEGREE GOAL: Percentage distribution of first-time beginning community college students' educational goals when first enrolled, by selected student characteristics: 1989–90, 1995–96, and 2003–04

Selected student characteristics	1989–90			1995–96			2003–04		
	Below bachelor's degree	Bachelor's degree	Above bachelor's degree	Below bachelor's degree	Bachelor's degree	Above bachelor's degree	Below bachelor's degree	Bachelor's degree	Above bachelor's degree
Total	29.2	40.9	29.8	20.8	41.7	37.5	18.6	37.3	44.1
Sex									
Male	28.7	43.2	28.1	17.0	46.5	36.5	16.4	39.6	44.0
Female	29.7	38.8	31.5	24.5	37.1	38.5	20.3	35.5	44.2
Race/ethnicity ¹									
White	31.4	40.1	28.5	21.2	42.0	36.8	20.9	38.6	40.5
Black	18.3	42.9	38.8	27.5	35.3	37.2	17.1	37.5	45.5
Hispanic	25.0	40.0	35.1	13.8 !	43.1	43.1	14.6	35.8	49.6
Asian/Pacific Islander	‡	‡	‡	‡	‡	‡	11.2	27.8	61.0
American Indian/Alaska Native	‡	‡	‡	‡	‡	‡	13.2 !	‡	55.5
Age when first enrolled									
18 or younger	19.1	41.0	39.9	8.9	46.7	44.4	9.5	38.3	52.1
19–23	29.7	46.3	24.0	15.6	40.4	44.0	16.3	38.0	45.7
24–29	45.0	38.8	16.2	40.2	39.7 !	20.1 !	21.8	34.7	43.4
30 or older	51.1	29.8	19.1	53.2	33.0	13.8 !	38.7	35.1	26.2
Highest education attained by either parent ²									
High school or less (including GED)	38.2	37.5	24.2	30.4	40.7	28.9	24.1	38.5	37.4
Some postsecondary education (including associate's degree)	25.4	41.7	32.9	15.4	42.4	42.2	17.1	35.4	47.6
Bachelor's degree or higher	14.9	47.9	37.3	10.0	42.9	47.0	11.6	37.6	50.8

See notes at end of table.

National Center for Education Statistics

Table 1-A.

DEGREE GOAL: Percentage distribution of first-time beginning community college students' educational goals when first enrolled, by selected student characteristics: 1989–90, 1995–96, and 2003–04—Continued

Selected student characteristics	1989–90			1995–96			2003–04		
	Below bachelor's degree	Bachelor's degree	Above bachelor's degree	Below bachelor's degree	Bachelor's degree	Above bachelor's degree	Below bachelor's degree	Bachelor's degree	Above bachelor's degree
Income ³									
Lowest 25 percent	26.1	41.1	32.8	18.3	37.1	44.7	15.9	36.8	47.4
Middle 50 percent	29.7	40.2	30.1	22.0	42.9	35.1	17.7	37.8	44.5
Highest 25 percent	32.5	43.0	24.6	21.0	45.2	33.8	23.2	36.7	40.1
Received Pell Grant when first enrolled									
Yes	28.0	35.8	36.3	27.6	33.5	38.9	17.9	37.3	44.8
No	29.4	41.7	28.9	18.9	44.0	37.1	18.9	37.3	43.8

! Interpret data with caution. Estimate is unstable because the standard error represents more than 30 percent of the estimate.

‡ Reporting standards not met.

¹ Black includes African American; Hispanic includes Latino; Pacific Islander includes Native Hawaiian. Questions concerning race/ethnicity changed over time. In 1989–90, respondents could not identify as Other, whereas in subsequent studies, respondents could identify as Other. In 1989–90 and 1995–96, respondents of more than one race were asked to choose one category, whereas in 2003–04, respondents could identify as multiracial. In 1995–96, Other is included in the total but not shown separately, and in 2003–04, Other and two or more races are included in the total but not shown separately.

² Students who did not know the highest level of education attained by either parent are included in the total but not shown separately. These students represent 6.2 percent of the 1989–90 cohort, 9.1 percent of the 1995–96 cohort, and 3.2 percent of the 2003–04 cohort of community college students.

³ Percentile ranks were calculated separately for dependent and independent students. For dependent students, they are based on parents' income and for independent students, they are based on student's income plus any income from a spouse, if applicable.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table S1-A.

Standard errors for table 1-A: DEGREE GOAL: Percentage distribution of first-time beginning community college students' educational goals when first enrolled, by selected student characteristics: 1989–90, 1995–96, and 2003–04

Selected student characteristics	1989–90			1995–96			2003–04		
	Below bachelor's degree	Bachelor's degree	Above bachelor's degree	Below bachelor's degree	Bachelor's degree	Above bachelor's degree	Below bachelor's degree	Bachelor's degree	Above bachelor's degree
Total	0.36	0.39	0.22	2.53	1.78	2.59	1.11	1.05	1.18
Sex									
Male	0.46	0.59	0.36	2.88	1.98	2.51	1.40	1.67	1.82
Female	0.50	0.48	0.35	3.70	2.04	4.01	1.30	1.35	1.45
Race/ethnicity									
White	0.46	0.41	0.28	2.88	1.75	2.69	1.59	1.47	1.40
Black	0.86	1.32	0.98	5.71	7.08	6.44	2.18	2.66	2.48
Hispanic	0.85	1.29	0.96	4.57	4.43	6.62	2.13	2.68	2.96
Asian/Pacific Islander	†	†	†	†	†	†	2.61	4.14	4.21
American Indian/Alaska Native	†	†	†	†	†	†	6.40	†	15.59
Age when first enrolled									
18 or younger	0.50	0.58	0.36	1.79	2.51	1.65	1.14	1.83	1.76
19–23	0.66	0.81	0.43	3.02	3.89	3.17	1.23	1.61	1.80
24–29	1.15	1.08	0.88	11.24	12.24	8.20	3.07	3.87	4.47
30 or older	1.06	0.86	0.71	7.84	5.58	5.48	2.55	2.38	2.26
Highest education attained by either parent									
High school or less (including GED)	0.61	0.59	0.48	5.48	3.94	4.49	1.51	1.75	1.89
Some postsecondary education (including associate's degree)	0.59	0.77	0.59	2.88	4.73	5.27	1.56	2.87	2.32
Bachelor's degree or higher	0.44	0.64	0.59	1.98	2.53	3.32	1.33	1.91	2.10

See notes at end of table.

National Center for Education Statistics

Table S1-A.

Standard errors for table 1-A: DEGREE GOAL: Percentage distribution of first-time beginning community college students' educational goals when first enrolled, by selected student characteristics: 1989–90, 1995–96, and 2003–04—Continued

Selected student characteristics	1989–90			1995–96			2003–04		
	Below bachelor's degree	Bachelor's degree	Above bachelor's degree	Below bachelor's degree	Bachelor's degree	Above bachelor's degree	Below bachelor's degree	Bachelor's degree	Above bachelor's degree
Income									
Lowest 25 percent	0.66	0.91	0.69	1.87	6.02	6.37	1.53	2.17	2.16
Middle 50 percent	0.42	0.40	0.34	2.94	2.39	2.67	1.41	1.77	1.72
Highest 25 percent	0.91	0.96	0.51	5.54	4.60	6.30	2.34	1.93	2.17
Received Pell Grant when first enrolled									
Yes	1.13	0.85	0.78	4.16	4.56	5.78	1.31	1.74	1.73
No	0.34	0.40	0.23	2.58	1.33	2.97	1.36	1.15	1.40

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table 1-B.

DEGREE GOAL: Percentage distribution of first-time beginning community college students' educational goals when first enrolled, by selected enrollment characteristics, remedial coursetaking, and employment status when enrolled: 1989–90, 1995–96, and 2003–04

Selected enrollment characteristics, remedial coursetaking, and employment status	1989–90			1995–96			2003–04		
	Below bachelor's degree	Bachelor's degree	Above bachelor's degree	Below bachelor's degree	Bachelor's degree	Above bachelor's degree	Below bachelor's degree	Bachelor's degree	Above bachelor's degree
Total	29.2	40.9	29.8	20.8	41.7	37.5	18.6	37.3	44.1
Degree or certificate program when first enrolled ¹									
None	36.0	32.8	31.2	30.5	36.8	32.6	25.2	31.9	42.9
Certificate	38.9	36.7	24.4	51.9	37.1	‡	50.7	23.4	25.9
Associate's degree	25.6	43.9	30.4	14.9	43.4	41.6	15.5	39.1	45.4
Attendance status when first enrolled									
Full-time	22.1	44.4	33.5	17.7	37.7	44.7	14.8	35.7	49.5
Part-time	36.2	38.9	24.9	23.6	45.7	30.7	22.2	38.8	39.0
Remedial education participation									
Any	24.4	36.6	39.0	16.3	41.7	42.1	16.0	39.0	45.0
Math	22.2	38.7	39.1	16.1 !	41.4	42.5	16.3	40.9	42.8
Employment status (average hours worked per week) when first enrolled									
Not employed	33.9	42.3	23.7	34.8	35.7	29.4	23.8	33.0	43.3
Part-time (1–34 hours)	20.6	42.4	36.9	13.2	42.1	44.7	14.7	38.1	47.3
Full-time (35 or more hours)	37.1	38.5	24.4	22.8	44.9	32.4	20.5	39.2	40.3

! Interpret data with caution. Estimate is unstable because the standard error represents more than 30 percent of the estimate.

‡ Reporting standards not met.

¹ This item was either aggregated (in the case of BPS:90/94 and BPS:96/01) or the variable was edited (BPS:04/09) to ensure that the degree program respondents reported was actually offered by their institution. Thus respondents who reported working on a bachelor's degree were classified as in an associate's degree program. This resulted in a small percentage of students in community colleges that offered bachelor's degrees being classified in an associate's degree program.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table S1-B.

Standard errors for table 1-B: DEGREE GOAL: Percentage distribution of first-time beginning community college students' educational goals when first enrolled, by selected enrollment characteristics, remedial coursetaking, and employment status when enrolled: 1989–90, 1995–96, and 2003–04

Selected enrollment characteristics, remedial coursetaking, and employment status	1989–90			1995–96			2003–04		
	Below bachelor's degree	Bachelor's degree	Above bachelor's degree	Below bachelor's degree	Bachelor's degree	Above bachelor's degree	Below bachelor's degree	Bachelor's degree	Above bachelor's degree
Total	0.36	0.39	0.22	2.53	1.78	2.59	1.11	1.05	1.18
Degree or certificate program when first enrolled									
None	1.01	0.94	0.80	5.28	4.57	6.67	2.85	2.49	2.84
Certificate	1.13	1.07	0.60	11.23	10.00	†	6.66	4.16	7.63
Associate's degree	0.43	0.49	0.33	2.03	2.33	2.01	1.08	1.24	1.28
Attendance status when first enrolled									
Full-time	0.45	0.46	0.40	2.44	2.49	3.79	1.12	1.23	1.48
Part-time	0.57	0.59	0.29	3.72	2.47	3.40	1.57	1.58	1.69
Remedial education participation									
Any	0.68	0.97	0.72	4.39	3.26	4.67	1.49	1.91	1.79
Math	0.74	1.06	0.75	4.82	4.60	4.88	1.64	2.12	2.04
Employment status (average hours worked per week) when first enrolled									
Not employed	0.88	0.85	0.77	5.23	3.21	4.11	2.51	1.90	2.29
Part-time (1–34 hours)	0.35	0.57	0.45	1.59	2.18	2.21	1.24	1.83	1.75
Full-time (35 or more hours)	0.58	0.50	0.37	3.45	3.67	3.52	1.63	2.10	2.06

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table 2-A.

FIVE-YEAR DEGREE ATTAINMENT: Percentage of first-time beginning community college students whose highest attainment was a bachelor's degree, associate's degree, or certificate within 5 years, by selected student characteristics: 1990–94, 1996–2000, and 2004–08

Selected student characteristics	1990–94			1996–2000			2004–08		
	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate
Total	6.8	18.0	12.9	6.7	16.5	9.7	5.9	13.1	7.4
Sex									
Male	6.1	16.1	13.1	5.9	17.3	9.1	5.2	11.3	7.4
Female	7.4	19.8	12.6	7.5	15.8	10.2	6.4	14.4	7.5
Race/ethnicity ¹									
White	7.0	19.0	12.2	8.1	17.3	9.3	7.0	15.1	8.1
Black	3.5	13.7	18.3	‡	7.4 !	16.2	3.7 !	8.1	8.0
Hispanic	7.6	15.0	14.1	‡	18.6	‡	2.6	9.3	5.7
Asian/Pacific Islander	‡	‡	‡	‡	27.8 !	‡	9.2 !	14.4	5.8 !
American Indian/Alaska Native	‡	‡	‡	‡	‡	‡	‡	‡	‡
Age when first enrolled									
18 or younger	12.3	26.4	9.5	11.2	17.3	7.3	9.9	16.5	4.8
19–23	2.7	14.7	14.3	6.1	20.6	7.1	5.7	12.2	6.5
24–29	2.7	3.9	15.5	‡	7.2 !	22.1	1.2 !	10.4	13.1 !
30 or older	0.7	7.2	18.7	‡	11.1	12.8 !	1.2 !	9.8	11.4
Highest education attained by either parent ²									
High school or less (including GED)	6.1	16.0	14.8	4.2 !	16.0	11.4	3.3	12.2	9.6
Some postsecondary education (including associate's degree)	7.1	18.4	10.7	4.7 !	13.4	8.3 !	6.4	15.1	6.3
Bachelor's degree or higher	8.7	25.0	8.9	13.7	20.9	6.2	9.7	13.1	5.5

See notes at end of table.

National Center for Education Statistics

Table 2-A.

FIVE-YEAR DEGREE ATTAINMENT: Percentage of first-time beginning community college students whose highest attainment was a bachelor's degree, associate's degree, or certificate within 5 years, by selected student characteristics: 1990–94, 1996–2000, and 2004–08
—Continued

Selected student characteristics	1990–94			1996–2000			2004–08		
	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate
Income ³									
Lowest 25 percent	5.6	16.8	14.2	3.0 !	22.9	9.5	5.4	11.8	6.2
Middle 50 percent	7.5	17.7	14.0	7.1	14.7	11.4	6.2	13.5	7.3
Highest 25 percent	5.9	20.5	7.4	11.7 !	11.7	‡	5.7	13.5	8.9
Received Pell Grant when first enrolled									
Yes	6.4	16.6	14.7	3.3	20.8	11.0	3.7	14.0	8.7
No	6.8	18.1	12.6	7.8	15.3	9.2	6.8	12.7	6.9

! Interpret data with caution. Estimate is unstable because the standard error represents more than 30 percent of the estimate.

‡ Reporting standards not met.

¹ Black includes African American; Hispanic includes Latino; Pacific Islander includes Native Hawaiian. Questions concerning race/ethnicity changed over time. In 1989–90, respondents could not identify as Other, whereas in subsequent studies, respondents could identify as Other. In 1989–90 and 1995–96, respondents of more than one race were asked to choose one category, whereas in 2003–04, respondents could identify as multiracial. In 1995–96, Other is included in the total but not shown separately, and in 2003–04, Other and two or more races are included in the total but not shown separately.

² Students who did not know the highest level of education attained by either parent are included in the total but not shown separately. These students represent 6.2 percent of the 1989–90 cohort, 9.1 percent of the 1995–96 cohort, and 3.2 percent of the 2003–04 cohort of community college students.

³ Percentile ranks were calculated separately for dependent and independent students. For dependent students, they are based on parents' income and for independent students, they are based on student's income plus any income from a spouse, if applicable.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table S2-A.

Standard errors for table 2-A: FIVE-YEAR DEGREE ATTAINMENT: Percentage of first-time beginning community college students whose highest attainment was a bachelor's degree, associate's degree, or certificate within 5 years, by selected student characteristics: 1990–94, 1996–2000, and 2004–08

Selected student characteristics	1990–94			1996–2000			2004–08		
	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate
Total	0.19	0.25	0.26	1.17	1.76	0.85	0.40	0.61	0.77
Sex									
Male	0.26	0.30	0.39	1.28	2.44	1.33	0.59	1.19	1.53
Female	0.28	0.41	0.32	1.48	2.26	1.47	0.58	0.86	0.73
Race/ethnicity									
White	0.20	0.29	0.26	1.19	1.75	1.18	0.54	0.76	1.25
Black	0.42	0.82	1.02	†	3.35	3.91	1.16	1.62	1.19
Hispanic	0.59	0.68	1.02	†	5.09	†	0.61	1.33	1.00
Asian/Pacific Islander	†	†	†	†	9.42	†	2.88	3.22	2.17
American Indian/Alaska Native	†	†	†	†	†	†	†	†	†
Age when first enrolled									
18 or younger	0.36	0.32	0.34	2.16	3.04	1.60	1.03	1.50	0.74
19–23	0.21	0.45	0.43	1.31	3.64	1.66	0.61	0.93	0.94
24–29	0.37	0.41	0.78	†	2.53	4.71	0.56	2.02	4.37
30 or older	0.14	0.42	0.47	†	1.82	4.88	0.44	1.57	1.63
Highest education attained by either parent									
High school or less (including GED)	0.24	0.34	0.46	1.43	2.65	1.99	0.44	1.15	1.39
Some postsecondary education (including associate's degree)	0.43	0.56	0.35	1.79	1.56	2.90	0.77	1.24	0.86
Bachelor's degree or higher	0.30	0.51	0.43	2.49	4.35	1.39	0.97	1.32	0.99

See notes at end of table.

National Center for Education Statistics

Table S2-A.

Standard errors for table 2-A: FIVE-YEAR DEGREE ATTAINMENT: Percentage of first-time beginning community college students whose highest attainment was a bachelor's degree, associate's degree, or certificate within 5 years, by selected student characteristics: 1990–94, 1996–2000, and 2004–08—Continued

Selected student characteristics	1990–94			1996–2000			2004–08		
	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate
Income									
Lowest 25 percent	0.32	0.42	0.48	0.99	2.64	2.09	0.87	1.18	0.99
Middle 50 percent	0.23	0.32	0.38	1.22	2.27	1.91	0.62	0.82	0.99
Highest 25 percent	0.36	0.71	0.42	4.22	2.39	†	0.76	1.45	1.53
Received Pell Grant when first enrolled									
Yes	0.50	0.54	0.55	0.77	2.79	2.44	0.48	1.19	1.57
No	0.19	0.27	0.27	1.45	1.87	1.21	0.49	0.72	0.73

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table 2-B.

FIVE-YEAR DEGREE ATTAINMENT: Percentage of first-time beginning community college students whose highest attainment was a bachelor's degree, associate's degree, or certificate within 5 years, by selected enrollment characteristics, remedial coursetaking, employment status when enrolled, and 4-year transfer status: 1990–94, 1996–2000, and 2004–08

Selected enrollment characteristics, remedial coursetaking, employment status, and transfer status	1990–94			1996–2000			2004–08		
	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate
Total	6.8	18.0	12.9	6.7	16.5	9.7	5.9	13.1	7.4
Degree or certificate program when first enrolled ¹									
None	5.3	13.0	18.1	2.2 !	13.6 !	14.8 !	5.0	6.0	7.0
Certificate	2.5	11.0	19.8	‡	‡	27.2	‡	4.0 !	51.5
Associate's degree	8.0	20.7	10.0	8.7	18.8	6.1	6.3	15.0	5.1
Attendance status when first enrolled									
Full-time	11.7	23.5	11.4	11.5	22.4	7.7	9.4	17.3	6.9
Part-time	2.1	12.2	13.8	2.7 !	11.2	11.5	2.5	9.0	8.0
Remedial education participation									
Any	6.2	15.8	14.5	3.0 !	17.5	3.9	4.5	13.6	6.6
Math	6.5	14.3	11.6	3.8 !	18.8	3.1 !	4.5	12.6	5.8
Employment status (average hours worked per week) when first enrolled									
Not employed	6.2	14.7	19.5	6.9 !	22.3	9.7	5.1	14.5	7.9
Part-time (1–34 hours)	9.2	23.6	12.4	10.1	21.1	6.5	8.3	15.9	5.5
Full-time (35 or more hours)	4.2	13.0	10.4	2.3	6.9	13.8	3.1	8.1	9.9
Transfer to a 4-year institution ²									
Yes	26.0	31.3	3.4	24.0	23.7	4.9 !	24.6	19.0	1.3
No ³	0.3	14.2	14.9	0.7	13.5	11.8	0.5 !	11.2	9.4

! Interpret data with caution. Estimate is unstable because the standard error represents more than 30 percent of the estimate.

‡ Reporting standards not met.

¹ This item was either aggregated (in the case of BPS:90/94 and BPS:96/01) or the variable was edited (BPS:04/09) to ensure that the degree program respondents reported was actually offered by their institution. Thus respondents who reported working on a bachelor's degree were classified as in an associate's degree program. This resulted in a small percentage of students in community colleges that offered bachelor's degrees being classified in an associate's degree program.

² In 1995–96 and 2003–04, students who transferred in their sixth year are included in the totals but not shown separately.

³ Some community colleges have begun offering bachelor's degrees in a few programs.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table S2-B.

Standard errors for table 2-B: FIVE-YEAR DEGREE ATTAINMENT: Percentage of first-time beginning community college students whose highest attainment was a bachelor's degree, associate's degree, or certificate within 5 years, by selected enrollment characteristics, remedial coursetaking, employment status when enrolled, and 4-year transfer status: 1990–94, 1996–2000, and 2004–08

Selected enrollment characteristics, remedial coursetaking, employment status, and transfer status	1990–94			1996–2000			2004–08		
	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate
Total	0.19	0.25	0.26	1.17	1.76	0.85	0.40	0.61	0.77
Degree or certificate program when first enrolled									
None	0.45	0.47	0.63	1.03	5.58	4.83	1.08	1.16	1.45
Certificate	0.29	0.51	0.76	†	†	6.40	†	1.72	6.23
Associate's degree	0.25	0.31	0.26	1.78	2.33	0.50	0.47	0.75	0.54
Attendance status when first enrolled									
Full-time	0.31	0.32	0.34	1.90	2.81	1.19	0.59	1.19	1.04
Part-time	0.13	0.32	0.30	1.02	2.03	2.28	0.49	0.90	0.93
Remedial education participation									
Any	0.48	0.64	0.51	1.14	2.32	1.01	0.59	1.44	1.51
Math	0.54	0.73	0.59	1.34	2.40	1.02	0.69	1.39	0.89
Employment status (average hours worked per week) when first enrolled									
Not employed	0.40	0.48	0.74	2.70	3.56	1.96	0.69	1.17	1.33
Part-time (1–34 hours)	0.34	0.46	0.35	1.89	2.56	1.50	0.80	1.12	0.64
Full-time (35 or more hours)	0.18	0.38	0.31	0.54	1.49	2.35	0.62	0.89	1.77
Transfer to a 4-year institution									
Yes	0.63	0.57	0.26	3.38	4.34	1.62	1.39	1.21	0.38
No	0.04	0.26	0.32	0.20	1.51	1.56	0.16	0.68	1.01

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table 3-A.

FIVE-YEAR ATTAINMENT OR TRANSFER TO 4-YEAR INSTITUTION: Percentage of first-time beginning community college students who attained a degree or certificate or transferred to a 4-year institution within 5 years, by selected student characteristics: 1990–94, 1996–2000, and 2004–08

Selected student characteristics	1990–94		1996–2000		2004–08	
	Total attained	Transferred to a 4-year institution with or without attainment	Total attained	Transferred to a 4-year institution with or without attainment ¹	Total attained	Transferred to a 4-year institution with or without attainment ¹
Total	37.6	23.3	32.9	23.3	26.4	21.1
Sex						
Male	35.2	24.2	32.4	28.0	24.0	21.8
Female	39.8	22.5	33.5	18.9	28.3	20.5
Race/ethnicity ²						
White	38.2	23.9	34.7	25.2	30.1	23.0
Black	35.5	16.7	25.2	12.4	19.8	16.0
Hispanic	36.7	22.5	29.2	17.0	17.6	15.9
Asian/Pacific Islander	‡	‡	37.2	31.4	29.4	31.6
American Indian/Alaska Native	‡	‡	‡	‡	29.3 !	6.0 !
Age when first enrolled						
18 or younger	48.1	34.9	35.8	33.4	31.2	32.6
19–23	31.8	18.7	33.9	25.2	24.4	21.5
24–29	22.0	13.0	30.9	7.7 !	24.7	7.5
30 or older	26.6	3.8	25.4	6.3 !	22.5	6.0
Highest education attained by either parent ³						
High school or less (including GED)	36.9	17.9	31.6	16.1	25.0	14.3
Some postsecondary education (including associate's degree)	36.2	25.1	26.4	22.2	27.8	20.9
Bachelor's degree or higher	42.6	36.5	40.7	39.2	28.3	31.8
Income ⁴						
Lowest 25 percent	36.6	19.5	35.4	20.7	23.5	21.5
Middle 50 percent	39.2	25.9	33.2	21.4	27.0	22.0
Highest 25 percent	33.8	20.4	28.3	32.8	28.1	18.7

See notes at end of table.

National Center for Education Statistics

Table 3-A.

FIVE-YEAR ATTAINMENT OR TRANSFER TO 4-YEAR INSTITUTION: Percentage of first-time beginning community college students who attained a degree or certificate or transferred to a 4-year institution within 5 years, by selected student characteristics: 1990–94, 1996–2000, and 2004–08—Continued

Selected student characteristics	1990–94		1996–2000		2004–08	
	Total attained	Transferred to a 4-year institution with or without attainment	Total attained	Transferred to a 4-year institution with or without attainment ¹	Total attained	Transferred to a 4-year institution with or without attainment ¹
Received Pell Grant when first enrolled						
Yes	37.6	20.2	35.1	19.5	26.4	18.2
No	37.7	23.7	32.3	24.4	26.4	22.2

! Interpret data with caution. Estimate is unstable because the standard error represents more than 30 percent of the estimate.

‡ Reporting standards not met.

¹ Excludes students who transferred in their sixth year.

² Black includes African American; Hispanic includes Latino; Pacific Islander includes Native Hawaiian. Questions concerning race/ethnicity changed over time. In 1989–90, respondents could not identify as Other, whereas in subsequent studies, respondents could identify as Other. In 1989–90 and 1995–96, respondents of more than one race were asked to choose one category, whereas in 2003–04, respondents could identify as multiracial. In 1995–96, Other is included in the total but not shown separately, and in 2003–04, Other and two or more races are included in the total but not shown separately.

³ Students who did not know the highest level of education attained by either parent are included in the total but not shown separately. These students represent 6.2 percent of the 1989–90 cohort, 9.1 percent of the 1995–96 cohort, and 3.2 percent of the 2003–04 cohort of community college students.

⁴ Percentile ranks were calculated separately for dependent and independent students. For dependent students, they are based on parents' income and for independent students, they are based on student's income plus any income from a spouse, if applicable.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table S3-A.

Standard errors for table 3-A: FIVE-YEAR ATTAINMENT OR TRANSFER TO 4-YEAR INSTITUTION: Percentage of 1989–90, 1995–96, and 2003–04 first-time beginning community college students who attained a degree or certificate or transferred to a 4-year institution within 5 years, by selected student characteristics: 1990–94, 1996–2000, and 2004–08

Selected student characteristics	1990–94		1996–2000		2004–08	
	Total attained	Transferred to a 4-year institution with or without attainment	Total attained	Transferred to a 4-year institution with or without attainment	Total attained	Transferred to a 4-year institution with or without attainment
Total	0.24	0.29	2.34	1.93	0.91	0.91
Sex						
Male	0.38	0.44	3.37	2.16	1.50	1.34
Female	0.40	0.27	2.27	2.46	1.17	1.07
Race/ethnicity						
White	0.30	0.35	2.05	2.35	1.33	1.24
Black	1.23	0.83	2.35	2.19	2.30	1.77
Hispanic	0.71	0.99	7.99	3.57	1.70	1.86
Asian/Pacific Islander	†	†	7.66	7.52	4.34	4.37
American Indian/Alaska Native	†	†	†	†	10.53	2.94
Age when first enrolled						
18 or younger	0.39	0.58	4.06	2.58	1.75	1.79
19–23	0.48	0.44	3.53	2.20	1.31	1.29
24–29	0.84	0.82	4.19	2.59	4.38	1.63
30 or older	0.58	0.33	6.03	2.65	2.25	1.18
Highest education attained by either parent						
High school or less (including GED)	0.37	0.44	1.62	1.91	1.52	1.15
Some postsecondary education (including associate's degree)	0.65	0.61	3.32	2.36	1.70	1.49
Bachelor's degree or higher	0.58	0.55	4.22	3.90	1.96	1.76
Income						
Lowest 25 percent	0.47	0.49	3.04	2.77	1.58	1.66
Middle 50 percent	0.44	0.35	2.81	2.11	1.28	1.25
Highest 25 percent	0.58	0.67	5.22	6.97	1.89	1.66
Received Pell Grant when first enrolled						
Yes	0.72	0.87	2.58	2.53	1.97	1.24
No	0.26	0.27	2.48	2.30	0.93	1.06

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table 3-B.

FIVE-YEAR ATTAINMENT OR TRANSFER TO 4-YEAR INSTITUTION: Percentage of first-time beginning community college students who attained a degree or certificate or transferred to a 4-year institution within 5 years, by selected enrollment characteristics, remedial coursetaking, and employment status when enrolled: 1990–94, 1996–2000, and 2004–08

Selected enrollment characteristics, remedial coursetaking, and employment status	1990–94		1996–2000		2004–08	
	Total attained	Transferred to a 4-year institution with or without attainment	Total attained	Transferred to a 4-year institution with or without attainment ¹	Total attained	Transferred to a 4-year institution with or without attainment ¹
Total	37.6	23.3	32.9	23.3	26.4	21.1
Degree or certificate program when first enrolled ²						
None	36.4	18.3	30.6	18.4	18.0	22.3
Certificate	33.3	16.8	36.9	‡	57.1	8.1 !
Associate's degree	38.7	26.0	33.6	26.9	26.4	21.6
Attendance status when first enrolled						
Full-time	46.5	34.5	41.6	34.4	33.6	30.2
Part-time	28.1	12.7	25.4	13.6	19.5	12.4
Remedial education participation						
Any	36.6	23.4	24.4	19.9	24.8	18.2
Math	32.3	26.2	25.7	21.9	23.0	18.3
Employment status (average hours worked per week) when first enrolled						
Not employed	40.5	20.1	38.9	20.1	27.5	19.1
Part-time (1–34 hours)	45.2	32.0	37.6	32.5	29.6	27.9
Full-time (35 or more hours)	27.6	14.8	22.9	13.3	21.1	13.0

! Interpret data with caution. Estimate is unstable because the standard error represents more than 30 percent of the estimate.

‡ Reporting standards not met.

¹ Excludes students who transferred in their sixth year.

² This item was either aggregated (in the case of BPS:90/94 and BPS:96/01) or the variable was edited (BPS:04/09) to ensure that the degree program respondents reported was actually offered by their institution. Thus respondents who reported working on a bachelor's degree were classified as in an associate's degree program. This resulted in a small percentage of students in community colleges that offered bachelor's degrees being classified in an associate's degree program.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table S3-B.

Standard errors for table 3-B: FIVE-YEAR ATTAINMENT OR TRANSFER TO 4-YEAR INSTITUTION: Percentage of first-time beginning community college students who attained a degree or certificate or transferred to a 4-year institution within 5 years, by selected enrollment characteristics, remedial coursetaking, and employment status when enrolled: 1990–94, 1996–2000, and 2004–08

Selected enrollment characteristics, remedial coursetaking, and employment status	1990–94		1996–2000		2004–08	
	Total attained	Transferred to a 4-year institution with or without attainment	Total attained	Transferred to a 4-year institution with or without attainment	Total attained	Transferred to a 4-year institution with or without attainment
Total	0.24	0.29	2.34	1.93	0.91	0.91
Degree or certificate program when first enrolled						
None	0.74	0.61	6.59	3.96	2.23	2.36
Certificate	1.01	0.72	5.50	†	6.07	2.46
Associate's degree	0.34	0.38	2.31	2.10	0.85	0.97
Attendance status when first enrolled						
Full-time	0.44	0.47	2.06	2.37	1.41	1.29
Part-time	0.37	0.35	3.29	2.42	1.47	1.00
Remedial education participation						
Any	0.71	0.73	3.01	3.66	1.68	1.31
Math	0.79	1.07	3.41	3.93	1.78	1.63
Employment status (average hours worked per week) when first enrolled						
Not employed	0.89	0.68	3.75	4.51	1.81	1.52
Part-time (1–34 hours)	0.51	0.46	3.29	3.00	1.32	1.39
Full-time (35 or more hours)	0.33	0.37	3.19	1.30	1.99	1.29

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table 4-A.

FIVE-YEAR PERSISTENCE AND ATTAINMENT: Percentage of first-time beginning community college students who attained a degree or certificate or were still enrolled after 5 years, by selected student characteristics: 1990–94, 1996–2000, and 2004–08

Selected student characteristics	1990–94	1996–2000	2004–08
Total	52.7	52.9	49.9
Sex			
Male	53.0	54.6	48.0
Female	52.4	51.3	51.4
Race/ethnicity ¹			
White	51.3	55.4	52.2
Black	50.3	38.9	47.1
Hispanic	60.6	47.5	40.1
Asian/Pacific Islander	‡	67.7	61.6
American Indian/Alaska Native	‡	‡	60.3
Age when first enrolled			
18 or younger	62.4	58.6	58.1
19–23	50.2	55.2	49.9
24–29	39.1	48.4	43.3
30 or older	36.3	37.2	38.2
Highest education attained by either parent ²			
High school or less (including GED)	47.7	48.3	45.1
Some postsecondary education (including associate's degree)	55.0	46.8	51.9
Bachelor's degree or higher	65.2	65.5	56.4
Income ³			
Lowest 25 percent	50.2	53.2	45.0
Middle 50 percent	52.9	53.3	51.6
Highest 25 percent	55.8	51.2	51.4
Received Pell Grant when first enrolled			
Yes	45.8	49.8	46.7
No	53.7	53.8	51.2

‡ Reporting standards not met.

¹ Black includes African American; Hispanic includes Latino; Pacific Islander includes Native Hawaiian. Questions concerning race/ethnicity changed over time. In 1989–90, respondents could not identify as Other, whereas in subsequent studies, respondents could identify as Other. In 1989–90 and 1995–96, respondents of more than one race were asked to choose one category, whereas in 2003–04, respondents could identify as multiracial. In 1995–96, Other is included in the total but not shown separately, and in 2003–04, Other and two or more races are included in the total but not shown separately.

² Students who did not know the highest level of education attained by either parent are included in the total but not shown separately. These students represent 6.2 percent of the 1989–90 cohort, 9.1 percent of the 1995–96 cohort, and 3.2 percent of the 2003–04 cohort of community college students.

³ Percentile ranks were calculated separately for dependent and independent students. For dependent students, they are based on parents' income and for independent students, they are based on student's income plus any income from a spouse, if applicable.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table S4-A.

Standard errors for table 4-A: FIVE-YEAR PERSISTENCE AND ATTAINMENT: Percentage of first-time beginning community college students who attained a degree or certificate or were still enrolled after 5 years, by selected student characteristics: 1990–94, 1996–2000, and 2004–08

Selected student characteristics	1990–94	1996–2000	2004–08
Total	0.30	2.18	0.99
Sex			
Male	0.50	3.93	1.68
Female	0.45	1.63	1.24
Race/ethnicity			
White	0.33	1.95	1.26
Black	1.25	3.43	2.88
Hispanic	0.91	6.02	2.74
Asian/Pacific Islander	†	9.11	4.53
American Indian/Alaska Native	†	†	10.41
Age when first enrolled			
18 or younger	0.45	2.77	1.64
19–23	0.53	3.37	1.49
24–29	0.95	8.85	4.48
30 or older	0.53	6.68	2.21
Highest education attained by either parent			
High school or less (including GED)	0.44	1.67	1.67
Some postsecondary education (including associate's degree)	0.52	2.48	1.77
Bachelor's degree or higher	0.52	3.86	2.08
Income			
Lowest 25 percent	0.64	3.15	1.83
Middle 50 percent	0.43	2.86	1.52
Highest 25 percent	0.74	4.84	2.02
Received Pell Grant when first enrolled			
Yes	0.78	3.02	1.90
No	0.32	2.92	1.14

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table 4-B.

FIVE-YEAR PERSISTENCE AND ATTAINMENT: Percentage of first-time beginning community college students who attained a degree or certificate or were still enrolled after 5 years, by selected enrollment characteristics, employment status when enrolled, remedial coursetaking, and 4-year transfer status: 1990–94, 1996–2000, and 2004–08

Selected enrollment characteristics, employment status, remedial coursetaking, and transfer status	1990–94	1996–2000	2004–08
Total	52.7	52.9	49.9
Degree or certificate program when first enrolled ¹			
None	46.7	50.5	44.8
Certificate	47.9	45.2	66.4
Associate's degree	55.4	54.4	50.0
Attendance status when first enrolled			
Full-time	58.5	60.3	57.2
Part-time	46.6	46.8	42.9
Remedial education participation			
Any	49.6	47.6	49.3
Math	45.9	48.9	47.0
Employment status (average hours worked per week) when first enrolled			
Not employed	52.7	51.8	50.0
Part-time (1–34 hours)	60.1	61.4	55.0
Full-time (35 or more hours)	44.2	42.4	42.7
Transfer to a 4-year institution ²			
Yes	85.1	82.1	85.1
No	42.0	42.4	39.9

¹ This item was either aggregated (in the case of BPS:90/94 and BPS:96/01) or the variable was edited (BPS:04/09) to ensure that the degree program respondents reported was actually offered by their institution. Thus respondents who reported working on a bachelor's degree were classified as in an associate's degree program. This resulted in a small percentage of students in community colleges that offered bachelor's degrees being classified in an associate's degree program.

² In 1995–96 and 2003–04, students who transferred in their sixth year are included in the totals but not shown separately.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table S4-B.

Standard errors for table 4-B: FIVE-YEAR PERSISTENCE AND ATTAINMENT: Percentage of first-time beginning community college students who attained a degree or certificate or were still enrolled after 5 years, by selected enrollment characteristics, employment status when enrolled, remedial coursetaking, and 4-year transfer status: 1990–94, 1996–2000, and 2004–08

Selected enrollment characteristics, employment status, remedial coursetaking, and transfer status	1990–94	1996–2000	2004–08
Total	0.30	2.18	0.99
Degree or certificate program when first enrolled			
None	0.65	4.57	3.05
Certificate	0.85	4.49	5.34
Associate's degree	0.43	2.54	1.02
Attendance status when first enrolled			
Full-time	0.45	1.68	1.31
Part-time	0.46	3.74	1.63
Remedial education participation			
Any	0.74	4.29	2.03
Math	0.86	3.24	2.48
Employment status (average hours worked per week) when first enrolled			
Not employed	0.91	5.45	1.92
Part-time (1–34 hours)	0.45	2.61	1.55
Full-time (35 or more hours)	0.44	3.49	2.36
Transfer to a 4-year institution			
Yes	0.45	2.63	1.34
No	0.37	2.37	1.16

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990/94 Beginning Postsecondary Students Longitudinal Study (BPS:90/94), 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), and 2003/04 Beginning Postsecondary Students Longitudinal Study (BPS:04/09).

National Center for Education Statistics

Table 5-A.

SIX-YEAR DEGREE ATTAINMENT: Percentage of first-time beginning community college students who attained a bachelor's degree, associate's degree, or certificate as their highest attainment within 6 years, by selected student characteristics: 1996–2001 and 2004–09

Selected student characteristics	1996–2001			2004–09		
	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate
Total	10.3	16.4	10.1	11.6	14.4	8.5
Sex						
Male	10.0	17.9	9.9	11.1	12.6	8.4
Female	10.5	15.0	10.3	12.0	15.8	8.5
Race/ethnicity ¹						
White	11.9	17.5	9.7	13.3	16.2	9.2
Black	3.2 !	7.9 !	15.5	6.2	10.3	9.6
Hispanic	6.2 !	16.2	8.4 !	8.2	11.7	6.0
Asian/Pacific Islander	‡	25.6 !	‡	18.2	13.7	6.2 !
American Indian/Alaska Native	‡	‡	‡	‡	‡	‡
Other	‡	‡	‡	7.2 !	10.3 !	‡
Age when first enrolled						
18 or younger	15.9	17.9	7.7	18.9	15.9	6.3
19–23	10.4	18.8	7.6	11.1	14.9	7.4
24–29	‡	7.2 !	23.7	3.2 !	12.6	13.2 !
30 or older	‡	13.4	12.3 !	3.0 !	11.6	12.4
Highest education attained by either parent ²						
High school or less (including GED)	6.5	16.1	12.0	7.5	13.5	10.2
Some postsecondary education (including associate's degree)	8.2	13.7	8.4 !	12.1	17.0	8.4
Bachelor's degree or higher	19.5	20.2	6.6	18.0	13.8	6.1
Income ³						
Lowest 25 percent	7.0	20.9	11.0	10.6	12.0	7.1
Middle 50 percent	9.7	15.6	11.3	12.4	14.8	8.7
Highest 25 percent	17.4	11.4	‡	10.9	15.9	9.3
Received Pell Grant when first enrolled						
Yes	7.5	18.8	11.8	8.1	15.2	9.3
No	11.1	15.7	9.6	13.0	14.1	8.1

! Interpret data with caution. Estimate is unstable because the standard error represents more than 30 percent of the estimate.

‡ Reporting standards not met.

¹ Black includes African American; Hispanic includes Latino; Pacific Islander includes Native Hawaiian. Questions concerning race/ethnicity changed over time. In 1995–96, respondents of more than one race were asked to choose one category, whereas in 2003–04, respondents could identify as multiracial. In 2003–04, Two or more races are included in the total but not shown separately.

² Students who did not know the highest level of education attained by either parent are included in the total but not shown separately. These students represent 6.2 percent of the 1989–90 cohort, 9.1 percent of the 1995–96 cohort, and 3.2 percent of the 2003–04 cohort of community college students.

³ Percentile ranks were calculated separately for dependent and independent students. For dependent students, they are based on parents' income and for independent students, they are based on student's income plus any income from a spouse, if applicable.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).

National Center for Education Statistics

Table S5-A.

Standard errors for table 5-A: SIX-YEAR DEGREE ATTAINMENT: Percentage of first-time beginning community college students who attained a bachelor's degree, associate's degree, or certificate as their highest attainment within 6 years, by selected student characteristics: 1996–2001 and 2004–09

Selected student characteristics	1996–2001			2004–09		
	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate
Total	1.31	1.50	0.94	0.68	0.61	0.68
Sex						
Male	1.32	1.72	1.57	0.82	1.02	1.30
Female	1.62	2.27	1.68	0.89	0.96	0.80
Race/ethnicity						
White	1.53	1.84	1.21	0.91	0.79	1.06
Black	1.23	3.52	3.39	1.29	1.82	1.34
Hispanic	2.53	4.41	3.69	1.21	1.44	1.08
Asian/Pacific Islander	†	8.37	†	3.69	2.94	2.19
American Indian/Alaska Native	†	†	†	†	†	†
Other	†	†	†	3.38	3.93	†
Age when first enrolled						
18 or younger	1.84	2.91	1.57	1.36	1.34	1.24
19–23	1.80	3.27	1.88	0.93	1.09	0.96
24–29	†	2.53	4.87	1.03	2.22	4.23
30 or older	†	2.70	4.88	1.00	1.62	1.66
Highest education attained by either parent						
High school or less (including GED)	1.33	2.20	2.04	0.80	1.02	1.41
Some postsecondary education (including associate's degree)	2.08	2.36	3.17	1.17	1.25	1.40
Bachelor's degree or higher	2.91	4.47	1.33	1.32	1.36	1.07
Income						
Lowest 25 percent	2.03	2.80	1.91	1.14	1.21	1.05
Middle 50 percent	1.17	1.91	1.83	0.95	0.82	1.17
Highest 25 percent	4.54	2.88	†	1.15	1.54	1.47
Received Pell Grant when first enrolled						
Yes	1.97	2.90	2.35	0.83	1.22	1.65
No	1.61	1.52	1.26	0.80	0.73	0.83

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).

National Center for Education Statistics

Table 5-B.

SIX-YEAR DEGREE ATTAINMENT: Percentage of first-time beginning community college students who completed a bachelor's degree, associate's degree, or certificate as their highest attainment within 6 years, by selected enrollment characteristics, employment status when enrolled, remedial coursetaking, and 4-year transfer status: 1996–2001 and 2004–09

Selected enrollment characteristics, employment status, remedial coursetaking, and transfer status	1996–2001			2004–09		
	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate
Total	10.3	16.4	10.1	11.6	14.4	8.5
Degree or certificate program when first enrolled ¹						
None	2.8 !	14.4 !	15.7 !	13.6	6.8	8.1
Certificate	‡	‡	26.6	‡	4.9 !	51.4
Associate's degree	13.4	18.1	6.6	11.7	16.4	6.2
Attendance status when first enrolled						
Full-time	17.2	21.1	8.2	17.0	17.9	7.3
Part-time	4.3	12.2	11.9	6.3	11.0	9.6
Remedial education participation						
Any	6.4 !	16.3	4.3	10.0	15.6	8.5
Math	7.3 !	16.8	3.1 !	9.9	14.7	8.1
Employment status (average hours worked per week) when first enrolled						
Not employed	9.2 !	21.3	10.5	8.8	15.1	8.6
Part-time (1–34 hours)	16.0	20.0	7.2	15.7	17.0	7.0
Full-time (35 or more hours)	3.4	8.5	13.5	7.8	10.3	10.4
Transfer to a 4-year institution						
Yes	33.9	20.5	5.6	44.0	13.1	2.0
No	1.0	14.8	11.9	1.2	14.8	10.5

! Interpret data with caution. Estimate is unstable because the standard error represents more than 30 percent of the estimate.

‡ Reporting standards not met.

¹ Less than 2 percent of students reported being in bachelor's degree programs and they were aggregated into the associate's degree group.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).

National Center for Education Statistics

Table S5-B.

Standard errors for table 5-B: SIX-YEAR DEGREE ATTAINMENT: Percentage of first-time beginning community college students who completed a bachelor's degree, associate's degree, or certificate as their highest attainment within 6 years, by selected enrollment characteristics, employment status when enrolled, remedial coursetaking, and 4-year transfer status: 1996–2001 and 2004–09

Selected enrollment characteristics, employment status, remedial coursetaking, and transfer status	1996–2001			2004–09		
	Bachelor's degree	Associate's degree	Certificate	Bachelor's degree	Associate's degree	Certificate
Total	1.31	1.50	0.94	0.68	0.61	0.68
Degree or certificate program when first enrolled						
None	1.33	5.47	4.99	1.97	1.11	1.53
Certificate	†	†	7.88	†	1.76	6.22
Associate's degree	1.87	1.98	0.55	0.68	0.72	0.71
Attendance status when first enrolled						
Full-time	2.29	2.65	1.14	0.89	1.01	1.05
Part-time	1.02	2.04	2.41	0.87	0.96	1.20
Remedial education participation						
Any	2.15	2.19	1.06	1.02	1.41	1.67
Math	2.67	2.84	1.02	1.24	1.43	1.98
Employment status (average hours worked per week) when first enrolled						
Not employed	3.74	3.23	1.77	0.94	1.17	1.35
Part-time (1–34 hours)	2.13	2.83	1.63	1.10	0.97	1.21
Full-time (35 or more hours)	0.79	1.67	2.34	1.05	1.03	1.78
Transfer to a 4-year institution						
Yes	2.78	4.06	1.55	2.19	1.16	0.42
No	0.27	1.41	1.63	0.24	0.69	0.83

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).

National Center for Education Statistics

Table 6-A.

SIX-YEAR ATTAINMENT OR TRANSFER: Percentage of first-time beginning community college students who attained a degree or certificate, or if no attainment, transferred to a 4-year institution within 6 years, by selected student characteristics: 1996–2001 and 2004–09

Selected student characteristics	1996–2001				2004–09			
	Total attained	No attainment, transferred to 4-year, not enrolled	No attainment, transferred to 4-year, still enrolled	Total attained or transferred to 4-year	Total attained	No attainment, transferred to 4-year, not enrolled	No attainment, transferred to 4-year, still enrolled	Total attained or transferred to 4-year
Total	36.7	3.7	8.5	49.0	34.4	4.7	6.4	45.6
Sex								
Male	37.7	4.7	11.0	53.4	32.0	6.0	7.8	45.8
Female	35.8	2.8 !	6.2	44.8	36.3	3.8	5.4	45.5
Race/ethnicity ¹								
White	39.1	3.8	8.7	51.5	38.7	4.9	5.5	49.0
Black	26.6	3.2 !	5.5	35.3	26.2	5.6	8.0	39.7
Hispanic	30.7	‡	9.7 !	43.9	25.9	2.9	5.9	34.8
Asian/Pacific Islander	41.9	‡	13.0 !	57.7	38.1	5.6	16.8	60.5
American Indian/Alaska Native	‡	‡	‡	‡	30.9 !	‡	‡	39.3 !
Other	‡	‡	‡	‡	20.8	‡	10.5 !	32.9
Age when first enrolled								
18 or younger	41.5	4.6	11.4	57.4	41.1	5.6	8.6	55.3
19–23	36.7	5.1 !	9.7	51.5	33.4	6.1	7.0	46.4
24–29	33.7	‡	‡	34.7	29.0	3.0	4.3	36.3
30 or older	27.7	‡	4.6	32.9	27.0	‡	2.4 !	30.7
Highest education attained by either parent ²								
High school or less (including GED)	34.6	3.4	3.8	41.9	31.2	3.8	5.1	40.1
Some postsecondary education (including associate's degree)	30.3	3.4 !	11.8	45.5	37.6	3.7	5.6	47.0
Bachelor's degree or higher	46.3	4.1 !	15.2	65.6	38.0	7.1	8.8	54.0

See notes at end of table.

National Center for Education Statistics

Table 6-A.

SIX-YEAR ATTAINMENT OR TRANSFER: Percentage of first-time beginning community college students who attained a degree or certificate, or if no attainment, transferred to a 4-year institution within 6 years, by selected student characteristics: 1996–2001 and 2004–09—Continued

Selected student characteristics	1996–2001			2004–09				
	Total attained	No attainment, transferred to 4-year, not enrolled	No attainment, transferred to 4-year, still enrolled	Total attained or transferred to 4-year	Total attained	No attainment, transferred to 4-year, not enrolled	No attainment, transferred to 4-year, still enrolled	Total attained or transferred to 4-year
Income ³								
Lowest 25 percent	38.9	3.9	6.9	49.6	29.8	4.8	7.4	41.9
Middle 50 percent	36.6	3.9	8.6	49.0	35.9	4.9	6.5	47.3
Highest 25 percent	33.7	‡	11.0!	47.8	36.1	4.4	5.4	46.0
Received Pell Grant when first enrolled								
Yes	38.1	4.2	5.3	47.7	32.6	3.5	6.2	42.3
No	36.3	3.6	9.5	49.4	35.2	5.2	6.5	47.0

! Interpret data with caution. Estimate is unstable because the standard error represents more than 30 percent of the estimate.

‡ Reporting standards not met.

¹ Black includes African American; Hispanic includes Latino; Pacific Islander includes Native Hawaiian. Questions concerning race/ethnicity changed over time. In 1995–96, respondents of more than one race were asked to choose one category, whereas in 2003–04, respondents could identify as multiracial. In 2003–04, Two or more races are included in the total but not shown separately.

² Students who did not know the highest level of education attained by either parent are included in the total but not shown separately. These students represent 6.2 percent of the 1989–90 cohort, 9.1 percent of the 1995–96 cohort, and 3.2 percent of the 2003–04 cohort of community college students.

³ Percentile ranks were calculated separately for dependent and independent students. For dependent students, they are based on parents' income and for independent students, they are based on student's income plus any income from a spouse, if applicable.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).

National Center for Education Statistics

Table S6-A.

Standard errors for table 6-A: SIX-YEAR ATTAINMENT OR TRANSFER: Percentage of first-time beginning community college students who attained a degree or certificate, or if no attainment, transferred to a 4-year institution within 6 years, by selected student characteristics: 1996–2001 and 2004–09

Selected student characteristics	1996–2001				2004–09			
	Total attained	No attainment, transferred to 4-year, not enrolled	No attainment, transferred to 4-year, still enrolled	Total attained or transferred to 4-year	Total attained	No attainment, transferred to 4-year, not enrolled	No attainment, transferred to 4-year, still enrolled	Total attained or transferred to 4-year
Total	2.03	0.59	1.25	2.20	0.95	0.45	0.52	1.07
Sex								
Male	2.81	1.07	2.44	3.50	1.72	0.71	0.96	1.82
Female	2.09	0.85	0.92	2.46	1.24	0.51	0.51	1.31
Race/ethnicity								
White	1.79	0.60	1.62	2.16	1.25	0.56	0.55	1.41
Black	2.64	1.51	1.45	3.08	2.51	1.67	1.33	2.53
Hispanic	7.96	†	3.33	6.04	2.06	0.74	1.19	2.59
Asian/Pacific Islander	7.12	†	5.37	9.39	4.62	1.52	4.39	5.53
American Indian/Alaska Native	†	†	†	†	10.77	†	†	12.86
Other	†	†	†	†	5.48	†	4.13	6.60
Age when first enrolled								
18 or younger	3.52	1.30	2.13	3.50	2.46	0.77	1.10	1.87
19–23	3.25	1.62	2.10	3.19	1.51	0.73	0.73	1.82
24–29	4.90	†	†	4.61	4.35	0.90	1.14	4.31
30 or older	6.73	†	1.17	7.29	2.16	†	0.78	2.29
Highest education attained by either parent								
High school or less (including GED)	1.90	0.60	1.11	2.53	1.60	0.60	0.71	1.78
Some postsecondary education (including associate's degree)	3.28	1.29	2.40	2.79	2.35	0.67	1.05	2.26
Bachelor's degree or higher	3.33	1.39	3.13	3.91	1.69	0.96	0.97	2.06

See notes at end of table.

National Center for Education Statistics

Table S6-A.

Standard errors for table 6-A: SIX-YEAR ATTAINMENT OR TRANSFER: Percentage of first-time beginning community college students who attained a degree or certificate, or if no attainment, transferred to a 4-year institution within 6 years, by selected student characteristics: 1996–2001 and 2004–09—Continued

Selected student characteristics	1996–2001				2004–09			
	Total attained	No attainment, transferred to 4-year, not enrolled	No attainment, transferred to 4-year, still enrolled	Total attained or transferred to 4-year	Total attained	No attainment, transferred to 4-year, not enrolled	No attainment, transferred to 4-year, still enrolled	Total attained or transferred to 4-year
Income								
Lowest 25 percent	3.16	0.94	1.83	3.63	1.61	1.02	1.01	1.85
Middle 50 percent	2.52	1.00	1.46	2.99	1.57	0.59	0.60	1.61
Highest 25 percent	5.45	1.63	3.34	7.01	1.87	0.82	1.12	2.09
Received Pell Grant when first enrolled								
Yes	2.64	0.72	1.39	2.89	2.07	0.64	0.81	2.13
No	2.19	0.72	1.32	2.39	1.10	0.53	0.65	1.29

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).

National Center for Education Statistics

Table 6-B.

SIX-YEAR ATTAINMENT OR TRANSFER: Percentage of first-time beginning community college students who attained a degree or certificate, or if no attainment, transferred to a 4-year institution within 6 years, by selected enrollment characteristics, remedial coursetaking, and employment status when enrolled: 1996–2001 and 2004–09

Selected enrollment characteristics, remedial coursetaking, and employment status	1996–2001				2004–09			
	Total attained	No attainment, transferred to 4-year, not enrolled	No attainment, transferred to 4-year, still enrolled	Total attained or transferred to 4-year	Total attained	No attainment, transferred to 4-year, not enrolled	No attainment, transferred to 4-year, still enrolled	Total attained or transferred to 4-year
Total	36.7	3.7	8.5	49.0	34.4	4.7	6.4	45.6
Degree or certificate program when first enrolled ¹								
None	32.9	‡	9.6 !	45.4	28.5	5.1	8.0	41.6
Certificate	38.9	‡	‡	44.4	58.7	‡	3.8 !	63.4
Associate's degree	38.0	4.2	8.9	51.1	34.3	4.9	6.3	45.5
Attendance status when first enrolled								
Full-time	46.5	4.8	10.9	62.2	42.3	6.0	7.1	55.3
Part-time	28.4	2.8	6.5	37.7	26.9	3.6	5.9	36.3
Remedial education participation								
Any	27.1	4.4 !	8.9 !	40.4	34.2	3.6	5.5	43.3
Math	27.1	5.2 !	9.3 !	41.7	32.8	3.8	6.0	42.6
Employment status (average hours worked per week) when first enrolled								
Not employed	41.1	3.1 !	6.9	51.1	32.5	3.7	7.2	43.3
Part-time (1–34 hours)	43.2	4.5	10.3	58.1	39.7	6.2	7.3	53.2
Full-time (35 or more hours)	25.4	3.1	7.2	35.7	28.5	3.4	4.7	36.6

! Interpret data with caution. Estimate is unstable because the standard error represents more than 30 percent of the estimate.

‡ Reporting standards not met.

¹ Less than 2 percent of students reported being in bachelor's degree programs and they were aggregated into the associate's degree group.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).

National Center for Education Statistics

Table S6-B.

Standard errors for table 6-B: SIX-YEAR ATTAINMENT OR TRANSFER: Percentage of first-time beginning community college students who attained a degree or certificate, or if no attainment, transferred to a 4-year institution within 6 years, by selected enrollment characteristics, remedial coursetaking, and employment status when enrolled: 1996–2001 and 2004–09

Selected enrollment characteristics, remedial coursetaking, and employment status	1996–2001				2004–09			
	Total attained	No attainment, transferred to 4-year, not enrolled	No attainment, transferred to 4-year, still enrolled	Total attained or transferred to 4-year	Total attained	No attainment, transferred to 4-year, not enrolled	No attainment, transferred to 4-year, still enrolled	Total attained or transferred to 4-year
Total	2.03	0.59	1.25	2.20	0.95	0.45	0.52	1.07
Degree or certificate program when first enrolled								
None	6.76	†	3.32	4.46	2.47	1.26	1.47	2.65
Certificate	5.87	†	†	6.43	5.92	†	1.82	5.32
Associate's degree	1.93	0.64	1.42	2.40	1.13	0.47	0.60	1.17
Attendance status when first enrolled								
Full-time	1.87	0.86	1.87	1.70	1.33	0.53	0.67	1.37
Part-time	3.10	0.66	1.06	3.14	1.34	0.56	0.79	1.47
Remedial education participation								
Any	2.76	1.70	2.71	3.63	2.15	0.64	1.02	2.17
Math	3.09	2.40	3.06	3.61	2.20	0.69	1.22	2.25
Employment status (average hours worked per week) when first enrolled								
Not employed	4.39	1.14	1.86	3.75	1.90	0.92	1.10	2.29
Part-time (1–34 hours)	2.77	0.72	1.43	2.87	2.26	0.65	0.82	1.93
Full-time (35 or more hours)	3.53	0.72	1.81	3.00	2.07	0.61	0.80	2.21

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).

National Center for Education Statistics

Table 7-A.

STILL ENROLLED AFTER 6 YEARS: Percentage of first-time beginning community college students who did not attain a degree or certificate within 6 years but were still enrolled, by selected student characteristics: 1996–2001 and 2004–09

Selected student characteristics	No attainment, still enrolled: 1996–2001				No attainment, still enrolled: 2004–09			
	Total enrolled	Enrolled in same institution	Enrolled in other less-than-4-year institution	Enrolled in 4-year institution	Total enrolled	Enrolled in same institution	Enrolled in other less-than-4-year institution	Enrolled in 4-year institution
Total	17.4	6.6	2.3	8.5	19.6	8.7	4.4	6.4
Sex								
Male	19.0	5.6	2.4 !	11.0	20.6	8.6	4.3	7.8
Female	15.9	7.4	2.3	6.2	18.7	8.9	4.4	5.4
Race/ethnicity ¹								
White	17.5	6.8	2.1	8.7	16.9	7.8	3.6	5.5
Black	13.7	4.0 !	4.2	5.5	24.8	11.1	5.7	8.0
Hispanic	19.6	6.8	‡	9.7 !	20.7	10.0	4.8	5.9
Asian/Pacific Islander	24.6	‡	‡	13.0 !	29.2	6.5 !	5.9 !	16.8
American Indian/Alaska Native	‡	‡	‡	‡	32.6 !	‡	‡	‡
Other	‡	‡	‡	‡	28.6	6.7 !	11.4 !	10.5 !
Age when first enrolled								
18 or younger	18.6	4.6	2.6	11.4	21.7	8.9	4.1	8.6
19–23	20.8	8.6	2.5 !	9.7	20.6	8.5	5.1	7.0
24–29	‡	‡	2.7 !	‡	16.9	8.0	4.6 !	4.3
30 or older	9.2	3.6 !	‡	4.6	14.8	9.3	3.0	2.4 !
Highest education attained by either parent ²								
High school or less (including GED)	13.1	7.1	2.2	3.8	18.2	8.7	4.3	5.1
Some postsecondary education (including associate's degree)	20.4	6.3 !	‡	11.8	19.2	9.6	4.0	5.6
Bachelor's degree or higher	21.6	3.8	‡	15.2	21.9	8.3	4.8	8.8

See notes at end of table.

National Center for Education Statistics

Table 7-A.

STILL ENROLLED AFTER 6 YEARS: Percentage of first-time beginning community college students who did not attain a degree or certificate within 6 years but were still enrolled, by selected student characteristics: 1996–2001 and 2004–09—Continued

Selected student characteristics	No attainment, still enrolled: 1996–2001				No attainment, still enrolled: 2004–09			
	Total enrolled	Enrolled in same institution	Enrolled in other less-than-4-year institution	Enrolled in 4-year institution	Total enrolled	Enrolled in same institution	Enrolled in other less-than-4-year institution	Enrolled in 4-year institution
Income ³								
Lowest 25 percent	16.1	6.7 !	2.5	6.9	20.3	8.7	4.2	7.4
Middle 50 percent	17.8	7.2	2.0 !	8.6	20.5	9.7	4.4	6.5
Highest 25 percent	18.4	4.4 !	‡	11.0 !	16.8	6.8	4.6	5.4
Received Pell Grant when first enrolled								
Yes	13.9	6.0 !	2.7 !	5.3	20.7	9.5	5.0	6.2
No	18.5	6.8	2.2	9.5	19.1	8.4	4.1	6.5

! Interpret data with caution. Estimate is unstable because the standard error represents more than 30 percent of the estimate.

‡ Reporting standards not met.

¹ Black includes African American; Hispanic includes Latino; Pacific Islander includes Native Hawaiian. Questions concerning race/ethnicity changed over time. In 1995–96, respondents of more than one race were asked to choose one category, whereas in 2003–04, respondents could identify as multiracial. In 2003–04, Two or more races are included in the total but not shown separately.

² Students who did not know the highest level of education attained by either parent are included in the total but not shown separately. These students represent 6.2 percent of the 1989–90 cohort, 9.1 percent of the 1995–96 cohort, and 3.2 percent of the 2003–04 cohort of community college students.

³ Percentile ranks were calculated separately for dependent and independent students. For dependent students, they are based on parents' income and for independent students, they are based on student's income plus any income from a spouse, if applicable.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).

National Center for Education Statistics

Table S7-A.

Standard errors for table 7-A: STILL ENROLLED AFTER 6 YEARS: Percentage of first-time beginning community college students who did not attain a degree or certificate within 6 years but were still enrolled, by selected student characteristics: 1996–2001 and 2004–09

Selected student characteristics	No attainment, still enrolled: 1996–2001				No attainment, still enrolled: 2004–09			
	Total enrolled	Enrolled in same institution	Enrolled in other less-than-4-year institution	Enrolled in 4-year institution	Total enrolled	Enrolled in same institution	Enrolled in other less-than-4-year institution	Enrolled in 4-year institution
Total	1.34	0.81	0.45	1.25	1.03	0.76	0.39	0.52
Sex								
Male	2.59	1.02	0.77	2.44	1.77	1.16	0.70	0.96
Female	1.58	1.15	0.52	0.92	0.97	0.83	0.49	0.51
Race/ethnicity								
White	1.83	0.85	0.48	1.62	1.28	0.94	0.47	0.55
Black	2.02	1.77	1.20	1.45	2.16	1.62	1.23	1.33
Hispanic	5.34	2.01	†	3.33	2.15	2.04	1.06	1.19
Asian/Pacific Islander	6.70	†	†	5.37	4.66	2.66	1.93	4.39
American Indian/Alaska Native	†	†	†	†	11.56	†	†	†
Other	†	†	†	†	7.04	3.23	5.41	4.13
Age when first enrolled								
18 or younger	2.60	1.33	0.71	2.13	1.90	1.12	0.63	1.10
19–23	2.98	1.97	0.81	2.10	1.27	1.09	0.69	0.73
24–29	†	†	1.30	†	2.43	1.83	1.57	1.14
30 or older	2.04	1.66	†	1.17	2.19	2.08	0.85	0.78
Highest education attained by either parent								
High school or less (including GED)	1.41	1.18	0.56	1.11	1.27	1.14	0.61	0.71
Some postsecondary education (including associate's degree)	2.76	2.03	†	2.40	1.85	1.35	0.80	1.05
Bachelor's degree or higher	3.32	0.94	†	3.13	1.66	1.04	0.83	0.97

See notes at end of table.

National Center for Education Statistics

Table S7-A.

Standard errors for table 7-A: STILL ENROLLED AFTER 6 YEARS: Percentage of first-time beginning community college students who did not attain a degree or certificate within 6 years but were still enrolled, by selected student characteristics: 1996–2001 and 2004–09—Continued

Selected student characteristics	No attainment, still enrolled: 1996–2001				No attainment, still enrolled: 2004–09			
	Total enrolled	Enrolled in same institution	Enrolled in other less-than-4-year institution	Enrolled in 4-year institution	Total enrolled	Enrolled in same institution	Enrolled in other less-than-4-year institution	Enrolled in 4-year institution
Income								
Lowest 25 percent	2.53	2.06	0.64	1.83	1.71	1.25	0.63	1.01
Middle 50 percent	1.83	0.90	0.66	1.46	1.23	1.04	0.55	0.60
Highest 25 percent	3.82	1.74	†	3.34	1.95	1.16	0.96	1.12
Received Pell Grant when first enrolled								
Yes	2.53	2.46	1.00	1.39	1.67	1.23	0.69	0.81
No	1.77	0.87	0.59	1.32	1.24	0.88	0.51	0.65

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).

National Center for Education Statistics

Table 7-B.

STILL ENROLLED AFTER 6 YEARS: Percentage of first-time beginning community college students who did not attain a degree or certificate within 6 years but were still enrolled, by selected enrollment characteristics, remedial coursetaking, and employment status when enrolled: 1996–2001 and 2004–09

Selected enrollment characteristics, remedial coursetaking, and employment status	No attainment, still enrolled: 1996–2001				No attainment, still enrolled: 2004–09			
	Total enrolled	Enrolled in same institution	Enrolled in other less-than-4-year institution	Enrolled in 4-year institution	Total enrolled	Enrolled in same institution	Enrolled in other less-than-4-year institution	Enrolled in 4-year institution
Total	17.4	6.6	2.3	8.5	19.6	8.7	4.4	6.4
Degree or certificate program when first enrolled ¹								
None	17.7	‡	2.7 !	9.6 !	20.8	8.7	4.1	8.0
Certificate	5.7	‡	‡	‡	9.4	3.6 !	2.0 !	3.8 !
Associate's degree	18.4	7.4	2.2	8.9	19.9	9.0	4.6	6.3
Attendance status when first enrolled								
Full-time	17.0	3.9	2.2 !	10.9	17.5	6.5	4.0	7.1
Part-time	18.1	9.1	2.5 !	6.5	21.5	10.9	4.8	5.9
Remedial education participation								
Any	21.9	10.1	3.0 !	8.9 !	21.5	10.3	5.7	5.5
Math	22.8	10.2 !	3.3 !	9.3 !	20.9	8.9	6.0	6.0
Employment status (average hours worked per week) when first enrolled								
Not employed	12.8	3.5 !	2.4 !	6.9	21.5	9.2	5.1	7.2
Part-time (1–34 hours)	19.5	7.6	1.6	10.3	18.4	6.9	4.2	7.3
Full-time (35 or more hours)	17.6	7.2	3.2 !	7.2	19.8	11.0	4.1	4.7

! Interpret data with caution. Estimate is unstable because the standard error represents more than 30 percent of the estimate.

‡ Reporting standards not met.

¹ Less than 2 percent of students reported being in bachelor's degree programs and they were aggregated into the associate's degree group.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).

National Center for Education Statistics

Table S7-B.

Standard errors for table 7-B: STILL ENROLLED AFTER 6 YEARS: Percentage of first-time beginning community college students who did not attain a degree or certificate within 6 years but were still enrolled, by selected enrollment characteristics, remedial coursetaking, and employment status when enrolled: 1996–2001 and 2004–09

Selected enrollment characteristics, remedial coursetaking, and employment status	No attainment, still enrolled: 1996–2001				No attainment, still enrolled: 2004–09			
	Total enrolled	Enrolled in same institution	Enrolled in other less-than-4-year institution	Enrolled in 4-year institution	Total enrolled	Enrolled in same institution	Enrolled in other less-than-4-year institution	Enrolled in 4-year institution
Total	1.34	0.81	0.45	1.25	1.03	0.76	0.39	0.52
Degree or certificate program when first enrolled								
None	2.40	†	1.24	3.32	2.32	1.87	0.89	1.47
Certificate	2.74	†	†	†	2.52	1.50	0.81	1.82
Associate's degree	2.07	1.19	0.56	1.42	1.25	0.85	0.47	0.60
Attendance status when first enrolled								
Full-time	1.85	1.14	0.66	1.87	1.13	0.83	0.44	0.67
Part-time	1.62	1.14	0.82	1.06	1.57	1.10	0.63	0.79
Remedial education participation								
Any	3.99	2.05	1.26	2.71	1.73	1.31	0.91	1.02
Math	5.67	3.31	1.64	3.06	1.87	1.44	1.10	1.22
Employment status (average hours worked per week) when first enrolled								
Not employed	2.25	1.46	0.87	1.86	1.95	1.38	1.02	1.10
Part-time (1–34 hours)	1.86	1.47	0.44	1.43	1.42	0.86	0.57	0.82
Full-time (35 or more hours)	2.68	1.75	1.13	1.81	1.53	1.35	0.66	0.80

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).

National Center for Education Statistics

Table 8-A.

SIX-YEAR PERSISTENCE AND ATTAINMENT: Percentage of first-time beginning community college students who attained a degree or certificate or were still enrolled after 6 years; and the percentage who left without attainment, by their last year of enrollment, by selected student characteristics: 1996–2001 and 2004–09

Selected student characteristics	2001					2009				
	Attained or still enrolled	No degree, not enrolled				Attained or still enrolled	No degree, not enrolled			
		Total	Last year enrolled				Total	Last year enrolled		
			Year 1	Year 2	Year 3 or later			Year 1	Year 2	Year 3 or later
Total	54.2	45.8	16.9	6.9	22.0	54.0	46.0	12.9	7.0	26.1
Sex										
Male	56.7	43.3	15.6	5.8	21.9	52.7	47.3	13.6	6.4	27.3
Female	51.8	48.2	18.1	8.0	22.2	55.0	45.0	12.3	7.5	25.2
Race/ethnicity ¹										
White	56.6	43.4	16.3	6.7	20.3	55.6	44.4	13.3	7.4	23.8
Black	40.3	59.7	26.9	8.1	24.8	51.0	49.0	10.4	7.7	31.0
Hispanic	50.4	49.6	16.4 !	7.6 !	25.7	46.7	53.3	15.0	6.3	32.0
Asian/Pacific Islander	66.5	33.5	‡	‡	25.6	67.3	32.7	7.1 !	2.5 !	23.0
American Indian/Alaska Native	‡	‡	‡	‡	‡	63.6	36.4	‡	‡	‡
Other	‡	‡	‡	‡	‡	49.4	50.6	17.9 !	‡	28.2
Age when first enrolled										
18 or younger	60.1	39.9	9.6	5.3	24.9	62.8	37.2	6.7	4.4	26.2
19–23	57.5	42.5	12.6	5.5	24.3	54.0	46.0	12.2	7.5	26.3
24–29	47.1	52.9	28.5	10.5 !	13.8 !	45.8	54.2	15.1	9.0	30.1
30 or older	36.9	63.1	36.0	11.7	15.4	41.8	58.2	24.7	9.9	23.6
Highest education attained by either parent ²										
High school or less (including GED)	47.8	52.2	21.3	9.4	21.5	49.4	50.6	15.9	8.1	26.6
Some postsecondary education (including associate's degree)	50.7	49.3	15.7	7.9 !	25.7	56.8	43.2	11.1	6.6	25.5
Bachelor's degree or higher	67.9	32.1	9.4	3.6 !	19.1	59.9	40.1	8.8	5.4	25.9

See notes at end of table.

National Center for Education Statistics

Table 8-A.

SIX-YEAR PERSISTENCE AND ATTAINMENT: Percentage of first-time beginning community college students who attained a degree or certificate or were still enrolled after 6 years; and the percentage who left without attainment, by their last year of enrollment, by selected student characteristics: 1996–2001 and 2004–09—Continued

Selected student characteristics	2001					2009				
	Attained or still enrolled	No degree, not enrolled				Attained or still enrolled	No degree, not enrolled			
		Total	Last year enrolled				Total	Last year enrolled		
			Year 1	Year 2	Year 3 or later			Year 1	Year 2	Year 3 or later
Income ³										
Lowest 25 percent	55.0	45.0	14.4	6.9	23.7	50.1	49.9	13.3	7.4	29.2
Middle 50 percent	54.4	45.6	17.8	7.0	20.8	56.4	43.6	10.7	7.5	25.4
Highest 25 percent	52.1	47.9	18.0	6.9 !	23.1	53.0	47.0	16.9	5.6	24.5
Received Pell Grant when first enrolled										
Yes	52.1	47.9	17.1	9.6	21.3	53.3	46.7	10.2	9.7	26.8
No	54.8	45.2	16.8	6.2	22.3	54.3	45.7	13.9	5.9	25.8

! Interpret data with caution. Estimate is unstable because the standard error represents more than 30 percent of the estimate.

‡ Reporting standards not met.

¹ Black includes African American; Hispanic includes Latino; Pacific Islander includes Native Hawaiian. Questions concerning race/ethnicity changed over time. In 1995–96, respondents of more than one race were asked to choose one category, whereas in 2003–04, respondents could identify as multiracial. In 2003–04, Two or more races are included in the total but not shown separately.

² Students who did not know the highest level of education attained by either parent are included in the total but not shown separately. These students represent 6.2 percent of the 1989–90 cohort, 9.1 percent of the 1995–96 cohort, and 3.2 percent of the 2003–04 cohort of community college students.

³ Percentile ranks were calculated separately for dependent and independent students. For dependent students, they are based on parents' income and for independent students, they are based on student's income plus any income from a spouse, if applicable.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).

National Center for Education Statistics

Table S8-A.

Standard errors for table 8-A: Percentage of first-time beginning community college students who attained a degree or certificate or were still enrolled after 6 years; and the percentage who left without attainment, by their last year of enrollment, by selected student characteristics: 1996–2001 and 2004–09

Selected student characteristics	2001					2009				
	Attained or still enrolled	No degree, not enrolled				Attained or still enrolled	No degree, not enrolled			
		Total	Last year enrolled				Total	Last year enrolled		
			Year 1	Year 2	Year 3 or later			Year 1	Year 2	Year 3 or later
Total	2.26	2.26	1.32	0.62	1.51	1.00	1.00	0.71	0.52	0.78
Sex										
Male	3.54	3.54	1.47	0.99	2.11	1.48	1.48	1.05	0.74	1.35
Female	2.02	2.02	2.28	1.22	1.58	1.39	1.39	0.94	0.76	1.28
Race/ethnicity										
White	2.13	2.13	1.70	0.74	1.79	1.28	1.28	0.92	0.70	1.07
Black	3.29	3.29	3.93	1.97	3.94	2.88	2.88	1.85	1.46	2.66
Hispanic	7.11	7.11	6.01	3.18	3.98	2.71	2.71	2.37	1.30	2.37
Asian/Pacific Islander	6.77	6.77	†	†	6.42	3.56	3.56	2.53	1.20	3.35
American Indian/Alaska Native	†	†	†	†	†	10.14	10.14	†	†	†
Other	†	†	†	†	†	8.00	8.00	7.27	†	7.33
Age when first enrolled										
18 or younger	2.70	2.70	1.78	1.40	1.95	1.70	1.70	1.04	0.53	1.37
19–23	4.01	4.01	1.67	1.17	4.46	1.78	1.78	1.11	0.88	1.44
24–29	9.93	9.93	5.93	3.75	5.70	4.32	4.32	3.04	2.45	3.99
30 or older	6.83	6.83	7.62	3.14	2.80	2.42	2.42	1.96	1.74	2.16
Highest education attained by either parent										
High school or less (including GED)	2.26	2.26	2.95	1.62	2.02	1.97	1.65	1.25	0.79	1.36
Some postsecondary education (including associate's degree)	2.89	2.89	3.48	3.38	3.37	1.45	2.10	1.55	0.84	1.65
Bachelor's degree or higher	4.61	4.61	2.10	1.41	3.58	2.35	2.32	1.52	0.84	1.69

See notes at end of table.

National Center for Education Statistics

Table S8-A.

Standard errors for table 8-A: Percentage of first-time beginning community college students who attained a degree or certificate or were still enrolled after 6 years; and the percentage who left without attainment, by their last year of enrollment, by selected student characteristics: 1996–2001 and 2004–09—Continued

Selected student characteristics	2001					2009				
	Attained or still enrolled	No degree, not enrolled				Attained or still enrolled	No degree, not enrolled			
		Total	Last year enrolled				Total	Last year enrolled		
			Year 1	Year 2	Year 3 or later			Year 1	Year 2	Year 3 or later
Income										
Lowest 25 percent	3.99	3.99	2.06	1.32	3.58	1.97	1.97	1.55	1.02	1.68
Middle 50 percent	2.97	2.97	1.59	0.71	2.23	1.45	1.45	0.98	0.68	1.24
Highest 25 percent	6.72	6.72	4.70	2.08	6.46	2.35	2.35	1.60	1.23	2.37
Received Pell Grant when first enrolled										
Yes	2.96	2.96	2.48	2.45	1.96	2.12	2.12	1.36	1.18	1.66
No	2.69	2.69	1.72	0.65	2.01	1.14	1.14	0.85	0.67	0.95

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).

National Center for Education Statistics

Table 8-B.

SIX-YEAR PERSISTENCE AND ATTAINMENT: Percentage of first-time beginning community college students who attained a degree or certificate or were still enrolled after 6 years; and the percentage who left without attainment, by their last year of enrollment, by selected enrollment characteristics, remedial coursetaking, employment status when enrolled, and 4-year transfer status: 1996–2001 and 2004–09

Selected enrollment characteristics, remedial coursetaking, employment status, and transfer status	2001					2009				
	Attained or still enrolled	No degree, not enrolled				Attained or still enrolled	No degree, not enrolled			
		Last year enrolled					Last year enrolled			
		Total	Year 1	Year 2	Year 3 or more		Total	Year 1	Year 2	Year 3 or more
Total	54.2	45.8	16.9	6.9	22.0	54.0	46.0	12.9	7.0	26.1
Degree or certificate program when first enrolled ¹										
None	50.6	49.4	20.3	11.0	18.1	49.3	50.7	17.6	6.3	26.7
Certificate	44.6	55.4	27.1	9.6 !	18.7 !	68.1	31.9	9.7	7.2 !	15.0
Associate's degree	56.4	43.6	14.8	5.3	23.6	54.2	45.8	12.1	7.1	26.6
Attendance status when first enrolled										
Full-time	63.4	36.6	9.4	7.5	19.7	59.8	40.2	8.9	7.0	24.3
Part-time	46.5	53.5	23.3	6.5	23.8	48.5	51.5	16.7	7.0	27.8
Remedial education participation										
Any	49.0	51.0	15.9	6.4	28.6	55.6	44.4	10.4	7.7	26.3
Math	50.0	50.0	16.0	6.5 !	27.5	53.7	46.3	11.2	8.1	27.0
Employment status (average hours worked per week) when first enrolled										
Not employed	54.0	46.0	16.5	9.7	19.8	54.0	46.0	13.8	8.9	23.2
Part-time (1–34 hours)	62.8	37.2	11.3	6.1	19.8	58.1	41.9	8.2	6.6	27.1
Full-time (35 or more hours)	43.0	57.0	24.3	6.2 !	26.4	48.3	51.7	18.8	6.2	26.7

See notes at end of table.

National Center for Education Statistics

Table 8-B.

SIX-YEAR PERSISTENCE AND ATTAINMENT: Percentage of first-time beginning community college students who attained a degree or certificate or were still enrolled after 6 years; and the percentage who left without attainment, by their last year of enrollment, by selected enrollment characteristics, remedial coursetaking, employment status when enrolled, and 4-year transfer status: 1996–2001 and 2004–09
—Continued

Selected enrollment characteristics, remedial coursetaking, employment status, and transfer status	2001					2009				
	Attained or still enrolled	No degree, not enrolled				Attained or still enrolled	No degree, not enrolled			
		Last year enrolled					Last year enrolled			
		Total	Year 1	Year 2	Year 3 or more		Total	Year 1	Year 2	Year 3 or more
Transfer to a 4-year institution										
Yes	84.9	15.1	‡	‡	12.4	82.8	17.2	‡	1.2 ¹	15.8
No	42.0	58.0	23.2	9.0	25.8	44.8	55.2	17.0	8.9	29.4

! Interpret data with caution. Estimate is unstable because the standard error represents more than 30 percent of the estimate.

‡ Reporting standards not met.

¹ Less than 2 percent of students reported being in bachelor's degree programs and they were aggregated into the associate's degree group.

NOTE: Estimates include students enrolled in Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).

National Center for Education Statistics

Table S8-B.

Standard errors for table 8-B: SIX-YEAR PERSISTENCE AND ATTAINMENT: Percentage of first-time beginning community college students who attained a degree or certificate or were still enrolled after 6 years; and the percentage who left without attainment, by their last year of enrollment, by selected enrollment characteristics, remedial coursetaking, employment status when enrolled, and 4-year transfer status: 1996–2001 and 2004–09

Selected enrollment characteristics, remedial coursetaking, employment status, and transfer status	2001					2009				
	Attained or still enrolled	No degree, not enrolled				Attained or still enrolled	No degree, not enrolled			
		Total	Last year enrolled				Total	Last year enrolled		
			Year 1	Year 2	Year 3 or more			Year 1	Year 2	Year 3 or more
Total	2.26	2.26	1.32	0.62	1.51	1.00	1.00	0.71	0.52	0.78
Degree or certificate program when first enrolled										
None	5.11	5.11	3.31	2.94	3.30	2.82	2.82	2.03	1.35	2.20
Certificate	6.03	6.03	6.44	4.80	8.87	4.94	4.94	2.42	2.33	3.58
Associate's degree	2.51	2.51	1.69	0.51	1.95	1.09	1.09	0.77	0.52	0.90
Attendance status when first enrolled										
Full-time	1.50	1.50	1.46	1.54	0.89	1.30	1.30	0.89	0.74	1.12
Part-time	3.92	3.92	2.59	1.19	2.55	1.41	1.41	1.12	0.79	1.19
Remedial education participation										
Any	3.69	3.69	2.86	1.85	4.62	1.96	1.96	1.37	0.95	1.54
Math	5.04	5.04	3.38	2.23	4.60	2.19	2.19	1.68	1.11	1.72
Employment status (average hours worked per week) when first enrolled										
Not employed	3.73	3.73	3.92	1.99	3.16	2.32	2.32	1.71	1.33	2.10
Part-time (1–34 hours)	3.01	3.01	1.87	1.17	2.61	1.70	1.70	0.83	0.74	1.36
Full-time (35 or more hours)	3.70	3.70	2.96	1.93	3.30	2.13	2.13	1.56	0.83	1.52
Transfer to a 4-year institution										
Yes	2.74	2.74	†	†	1.96	1.34	1.34	†	0.51	1.23
No	1.97	1.97	1.71	0.70	2.05	1.31	1.31	0.92	0.67	1.07

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/01 Beginning Postsecondary Students Longitudinal Study (BPS:96/01) and 2003/04 Beginning Postsecondary Students Longitudinal Study, Second Follow-up (BPS:04/09).