## 1988-89

# Federal Pell Grant Program <br> End-of-Year Report 

U.S. Department of Education Office of Postsecondary Education


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## Introduction

The Pell Grant program, administered by the Department of Education's Office of Student Financial Assistance, receives more Federal funds than any of the other five student financial aid programs authorized under Title IV of the Higher Education Act of 1965 and its amendments. ${ }^{1}$ The program offered grants ranging from $\$ 200$ to $\$ 2,200$ in the 1988-89 academic year to eligible students so that they might further their postsecondary education. Since the program's inception in 1973, the number of recipients has increased sixteenfold. During 1988-89 alone, approximately 3.2 million students received $\$ 4.48$ billion in grants.
The primary feature that distinguishes the Pell Grant program from other forms of financial assistance is its entitlement concept. All students meeting certain criteria are guaranteed aid, with the amount of aid determined by financial need and educational cost. To be eligible for a grant an individual generally must meet certain residency requirements, be enrolled at least half-time in an eligible program at a school participating in the Pell program (with some exceptions), and be determined to have sufficient financial need. Financial need is calculated using formulae mandated by Congress. The formulae used for 1988-89 are in the Higher Education Act Amendments of 1986.

[^0]These formulae, applied consistently to all applicants, take into account such indicators of financial strength as income, assets, and family size. The result of the calculations is the Student Aid Index (SAI). The SAl, combined with the cost of the student's education and the student's enrollment status (full or part-time), determines the amount of the Pell Grant.

Generally, the amount of the grant increases as the SAl decreases, so that an applicant with an index of zero may receive the maximum award equal to 60 percent of the applicant's educational cost for the year. This was subject to an overall maximum award of $\$ 2,200$ in 1988-89. Proportionally smaller awards are made to part-time students.

## Purpose of the End-of-Year Report

The Pell Grant End-of-Year Report is a series of tables and accompanying explanations that describe in detail selected aspects of Pell program activity. Since 1973, the Pell Grant Program Analysis Section of the Office of Student Financial Assistance has compiled statistical information on Pell Grant program activity. The information provides a basis for program planning and development and is incorporated each year into an End-of-Year Report. This report, designed as a desk top reference manual, can help higher education officials and financial aid administrators to better understand current patterns of Pell Grant disbursements.

## Organization of the End-of-Year Report

The 1988-89 End-of-Year Report is organized into six chapters.

Chapter 1 highlights the most significant program activities during the 1988-89 award period. This chapter contains general information such as the total number of applications processed, the number of grant recipients, the types and number of institutions participating in the Pell Grant program, and income-related characteristics of applicants and recipients.

Chapter 2 is an in-depth review of selected demographic characteristics of recipients and the impact these characteristics have on grant levels. The chapter examines the interrelationship of factors such as recipient age, family income, dependency status, SAI, and educational cost.

Chapter 3 presents information about the eligibility status of applicants by income level, examines the interrelationship of dependent students' earnings and family income, and explains summary information on applicants reporting veteran's educational benefits. A table on enrollment status by type and control of institution is included. Additionally, this chapter highlights recipient information concerning displaced homemakers, dislocated workers, institutional discretion, and the Simplified Needs Test.

Chapter 4 analyzes the effects of family income on grant levels for students whose application data has been selected for verification at their school.

Chapter 5 looks at selected aspects of the Multiple Data Entry application processing system.

Chapter 6 summarizes information on institutions participating in the Pell Grant program. It includes data on the number of schoois participating, their location, type and control (public or private), and the lengths of programs offered.

A glossary at the end of this document defines the terms used in this report. The reader may find it useful to scan the glossary before reading the report chapters.

To facilitate cross-year comparisons, the format of the tables in this report is consistent with the format of the 1987-88, 1986-87, 1985-86, 1984-85, 1983-84, 1982-83, and 1981-82 reports.

## Data Bases for End-of-Year Report Tables

All tables in the 1988-89 End-of Year Report, except Table 13, were derived from a merged universe file containing applicant and recipient data through December 1989. The applicant data were taken from the student applications processed by the central processor; recipient or disbursement data were derived from information reported by institutions on the Payment Document portion (Part 3) of the Student Aid Report (SAR).

The grant level and expenditure information given in the tables accurately reflects Pell Grant program expenditures for 1988-89. However, using only Pell Grant data on the file through 1989 means that some information was not captured and some unreconciled student payment data may be incorporated in the universe file. Nevertheless, the number of additions to the file after the cut-off date will be small and will not significantly change the current distributions.

The data on Table 13 are derived from a separate data base--the Management Information System of the Pell Grant Application Processing System. Table 13 was produced using data through early December 1989 and thus reflects actual end-ofyear applicant statistics. These data are used in Table 13 because they more finely reflect certain applicant characteristics not available from other sources.

The data presented in the 1988-89 End-of-Year Report have been compared internally and with similar data derived from other sources. The distributions have been found to be consistent.

## CHAPTER 1

## HIGHLIGHTS OF THE PELL GRANT PROGRAM

Award Period 1988-89

## Highlights of the Pell Grant Program

This chapter describes key 1988-89 Pell Grant statistics with an emphasis on changes in program activity since 1987-88. These changes are illustrated in various tables throughout this report. (Some references to data abstracted from more detailed supplementary tables also are made.) These changes are summarized in Exhibit 1. The chapter concludes with a discusssion of Table 1, which compares applicant, recipient, and expenditure data from 1973-74, the first year of the program, through 1988-89.

## Applicant Summary

During the 1988-89 award year, 6,519,349 individuals, or about one out of every two undergraduate students, applied for a Pell Grant. ${ }^{2}$ This represented more than a 3 percent increase over the number who had submitted a form in 1987-88, for a combined 7 percent increase over the last two years. The consistent increase in applicants may be attributed to similar rises in the number of undergraduate enrollments.

Of the students who applied for a Pell Grant in 1988-89, 64.4 percent were eligible because they showed sufficient financial need and 26.3 percent did not qualify. The status of the remaining 9.3 percent could not be determined because they provided insufficient information on the application and did not complete application processing. A comparison with
212.8 million undergraduate students were enrolled in the fall of 1988 (Source: U.S. Department of Education, National Center for Education Statistics, Projections of Education Statistics, 1989.

1987-88 data shows an increase from the 61 percent of applicants who qualified for a Pell Grant in that cycle. This increase may be a result of legislated formula changes.

Formula changes in 1988-89 enabled, for the most part, more moderate income applicants to qualify for Pell Grants. For example, the protection of home assets was increased, state tax offsets were added, families with more than one person in college had reduced contributions, the protection of business/farm assets was increased, and independent students with dependents often had reduced contributions. For low income applicants, the Simplified Needs Test was implemented as were provisions for dislocated workers and displaced homemakers. Each of these provisions usually resulted in increased eligibility. Some changes resulted in increased contributions. These latter changes were targeted at married independents with no dependents, married dependent students, and applicants with large elementary/secondary tuition expenses.

## Recipient Summary

Both the number of students applying for a grant and the number of award recipients increased in 1988-89. In 1987-88, 2.88 million students benefited from the program; in 1988-89, the number increased to 3.20 miltion. This increase is reflected in the change in the "drop out rate," the percentage of qualified applicants not recelving a grant. in 1987-88, 24.4 percent of eligible applicants never received an award; in 1988-89, the rate had decreased to 23.8 percent.

## Exhibit 1

## A Summary of Selected Changes in the Pell Grant Program: 1987-88 to 1988-89

1. $3.5 \%$ increase in applicants, from 6.3 million to 6.5 million
2. Increase in the percentage of applicants qualifying for a grant, from $60.5 \%$ to $64.4 \%$
3. Decrease in the percentage of qualified applicants not receiving a grant, from $24.4 \%$ to $23.8 \%$
4. $11 \%$ increase in recipients, from 2.88 million to 3.20 million
5. $22.6 \%$ increase in the average family income of recipients, from $\$ 9,236$ to \$11,326
6. $5.2 \%$ increase in the average educational cost of recipients, from $\$ 4,480$ to $\$ 4,712$
7. Continued increase in the average Pell Grant, from $\$ 1,303$ to $\$ 1,399$
8. $19.2 \%$ increase in total program expenditures, from $\$ 3.75$ billion to $\$ 4.48$ billion
9. Consistent increase in the percentage of recipients claiming to be independent of parental support, from $57.5 \%$ to $57.9 \%$
10. $1.3 \%$ increase in recipients enrolled at profit-making institutions, from 733,253 to 742,962
11. $11.4 \%$ increase in the number of applicants selected for institutional verification, from approximately 1.70 million to 1.89 million

## Expenditure Summary

The average size of individual awards increased from $\$ 1,303$ in 1987-88 to $\$ 1,399$ in 1988-89. Rising educational costs is one explanation for the change. In 1987-88, the average cost used to determine the Pell Grant was $\$ 4,480$; 66 percent of the recipients had costs greater than $\$ 3,300 ; 10$ percent had costs less than $\$ 2,400$. In 1988-89, the average cost had increased to $\$ 4,712 ; 74$ percent of recipients had costs greater than $\$ 3,300 ; 6$ percent had costs below $\$ 2,400$. Another explanation for the higher awards is the increase in the maximum Pell Grant. (Also contributing to higher awards may be the continued increase in the percentage of independent recipients, who often qualify for higher awards than dependent recipients.)

Increases in both average grant and the number of students receiving benefits translated into a rise in total program expenditures, from $\$ 3.75$ billion to $\$ 4.48$ billion.

## Student. Characteristics

Less than half ( 42.1 percent) of the Pell Grant recipients in 1988-89 were dependent on their families as their primary source of income. A comparison with 1987-88 data indicates no change in the age of the recipient population in 1988-89. In both 1987-88 and 1988-89, 30 percent of all Pell Grant awards went to students over 27 years old.

The data show that Pell Grants are directed toward low income students. Over 99 percent of all applicants who reported receiving an income of $\$ 7,500$ or less were eligible for a

Pell Grant; 82 percent with incomes from $\$ 7,500$ to $\$ 15,000$ were eligible; and 43 percent with incomes above $\$ 15,000$ qualified.

As a result, most in the pool of eligible Pell Grant applicants were in the low income ranges. Almost one half ( 49 percent) of all who were eligible reported family incomes of $\$ 7,500$ or less, while 27 percent had incomes over $\$ 15,000$. As illustrated in Figure 1 , independent applicants were more numerous in the lower income ranges (nearly 40 percent of applicants were low income independents compared to only 9 percent who were low income dependents) while dependents, who report parental income, predominated in the higher ranges ( 19 percent to 8 percent).

An examination of the income distribution of eligible applicants who actually received a grant reveals similar results. Figure 2 shows that independent recipients outnumber dependents in the lower income groups ( $\$ 9,000$ or less), while dependent recipients. greatly outnumber independents in income groups over $\$ 20,000$. Independent and dependent recipients are distributed equally in the middle income ranges. Fewer higher income applicants in 1988-89 received grants, while more moderate income applicants received grants. As a result, in 1988-89, the average family income of Pell Grant recipients was $\$ 11,326$, an increase from the 1987-88 average of $\$ 9,236$. Most 1988-89 recipients reported having few available assets. Three out of four (76 percent), most of whom claimed to be independent, had net assets (net value of home, business, farm, investments, cash and savings) of $\$ 7,500$ or less. One in eight ( 13 percent), almost all of which were dependent claimed assets over $\$ 25,000$.


Figure 2
Distribution of Pell Grant Reciplents By Level of Family Income

Award Year 1988-89



## Institutional Characteristics

In 1988-89, 7,080 institutions offering postsecondary degrees and certificates participated in the Pell Grant program. Schools offering programs 2 years but less than 3 years in length--most of which are community and junior colleges-comprised 30 percent of the total. Schools offering programs of 1 year but less than 2 years represented 22 percent of the total and schools with programs of less than one year in length, many of which are profit-making technical and trade schools, represented 21 percent of the total. Four year schools offering no graduate programs were 14
percent of the total and schools with programs 5 years or more in length--many of which are large state universities--comprised 11 percent.

The enrollment of Pell Grant recipients varied considerably by type of school (Figure 3). Although they were relatively few in number, institutions offering programs 5 years or more in duration attracted the most recipients (35 percent), followed in order by 2 year but less than 3 year schools ( 32 percent), 4 year schools ( 15 percent), 1 year but less than 2 year schools ( 9 percent), and less than 1 year schools (9 percent).

Figure 3
Pell Grant Reclpients by Type of Institution Attended


Pell Grant Applicants and Recipients By Multiple Data Entry Source
Award Year 1988-89
Figure 4


## Application Source

Students could apply for a 1988-89 Pell Grant using one of five forms. As shown in the left graph of Figure 4, about 42 percent used the application form supplied by the College Scholarship Commission (CSS); 33 percent completed the Federal (Pell) form; 19 percent chose the American College Testing (ACT) form; 4 percent applied through the Pennsylvania Higher Education Assistance Agency (PHEAA); and the remaining 1 percent applied through the Illinois State Scholarship Commission (ISSC).

The characteristics of the students varied by source of application. Applicants for a Pell Grant using the Federal form tended to have lower incomes. As a result, these students
qualified for an award at a higher rate than students using one of the other four application forms. More than four out of five Federal form filers ( 83 percent) qualified for a grant. In comparison, 73 percent of the ISSC filers, 62 Percent of ACT filers, and 52 percent of both PHEAA and CSS filers qualified for a grant based on financial need. As a result, the percentages of recipients by application source differed from the percentages of applicants by application source. Comparing the two graphs in Figure 4 shows that the highest proportion of recipients relative to applicants was from Federal application filers (39 percent of recipients compared to 33 percent of applicants) and the lowest proportion was from CSS filers ( 36 percent of recipients compared to 42 percent of applicants.)

## Verification

Beginning with the 1987-88 award year, the passage of the Higher Education Amendments of 1986 established a target of 30 percent of applicants the Department could select for verification. As a result, the number of applications selected by the Department of

Education for institutional verification has decreased drastically from the 41 percent in 1986-87. In 1987-88, 1.7 million ( 30 percent) eligible applicants were required to provide verifying documentation to their financial aid office before receiving a Pell Grant; in 1988-89, the number rose to 1.9 million applicants ( 32 percent).

# Table 1 <br> Pell Grant Program <br> Summary Statistics for Cross-Year Reference 

Award Period 1988-89

Table 1 summarizes the general applicant and recipient trends in the Pell Grant program from award period 1973-74, the first year of the program, through award period 1988-89..

## 1973-74 through 1979-80

The Pell Grant program grew rapidly following its initial year, both in terms of student participation and Federal expenditures. As the eligible population expanded from freshman only in 1973-7.4 to all undergraduates attending Pell participating schools at least half-time in 197677, the number of aid recipients increased elevenfold (from 176,000 to 1.9 million) and Federal expenditures rose at an even greater rate (from $\$ 47.6$ million to $\$ 1.5$ billion).

Program : growth slowed following this initial 3 year spurt. Actual expenditures rose by only $\$ 65$ million from 1976-77 to 1978-79. . (This compares to a $\$ 1.4$ billion increase in the 3 years following the start-up of the program.) The number of students submitting an official Pell Grant application also rose slightly (from 3.6 million in 1976-77 to 3.9 million in 1978-79). However, with the drop in the percentage of applicants qualified to receive a grant and a sharp increase in the portion of applications with insufficient data, the number of student aid applicants actually receiving a grant declined during this 3 year period (from 1.94 million to 1.89 million).

The program expanded greatly following the 1978-79 award year, primarily in response to
the passage of the Middle Income Student Assistance Act. With more generous program rules in place, a much greater percentage of applicants qualified for a grant than ever before, with the result being that the number of recipients rose by 34 percent (from 1.9 million to 2.5 million) in 1979-80. The average size of each recipient's award also increased (from $\$ 814$ in 1978-79 to $\$ 929$ in 1979-80). The sharp rise in recipients, coupled with the increased average grant, meant a sharp 53 percent rise in program expenditures, from $\$ 1.5$ billion to $\$ 2.4$ billion.

## 1980-81 through 1987-88

Table 1 shows that during the first 7 years of the decade the program experienced a relatively slow, but steady, year-to-year expansion in terms of applicants, and, with the exception of two years, a similar expansion in recipients and commitment of funds.

Students submitting an official Pell Grant application increased from 4.8 million in 1980-81 to 6.3 million in 1987-88, with the largest 1 year percentage increase (7 percent) occurring after the 1985-86 award year. The rise in the recipient population was less steady and more modest. In 1980-81, 2.7 million students received aid. After a drop to 2.5 million in 1982-83, the number had risen to 2.9 million in 1987-88.

Although the increase in the number of postsecondary students benefiting from the program was not great during this 8 year period, the average
size of individual grants grew substantially. In 1980-81, the average was $\$ 882$; by 1987-88 the figure had risen by 48 percent to $\$ 1,303$. Contributing to the growth in the average grant were sharp rises in college costs, increases in the maximum award from $\$ 1,750$ to $\$ 2,100$, and a jump from 50 to 60 percent in the maximum allowable amount of a student's cost that can be covered by a Pell Grant. Larger awards, combined with the slight rise in student participation, pushed total program expenditures to nearly $\$ 3.75$ billion in 1987-88, a 57 percent increase over the 1980-81 figure.

Table 1 shows that other program statistics remained relatively constant during this 7 year period. The percentage of applications rejected by the processing system varied from a low of 6.7 percent in 1981-82 to a high of 9.7 percent in 1984-85. The portion of applicants qualifying for a grant also did not fluctuate greatly. Applicants in 1980-81 had the greatest chance of qualifying, with 69 percent demonstrating sufficient need for a grant. Applicants in 198788 had the least chance, with 60.5 percent showing sufficient need.

A closer look at Table 1 shows that not all applicants who qualify for a Pell Grant actually receive one. Some do not attend school; others enroll but do not complete the process by submitting the Student Aid Report to the financial aid office; and, some who qualify based on financial need are ineligible for a Pell Grant for other reasons (for example, the student does not make satisfactory academic progress). The percentage of qualified, eligible applicants who actually received aid varied from a low of 70.6 in $1986-87$ to a high of 81.3 in 1980-81.

Each year the Department of Education selects a portion of applications for institutional verification. Students whose forms have been flagged by the processing system are required to
present to their financial aid office certain financial documents such as U.S. Federal tax returns. Table 1 shows that the percentage of applications selected for verification fluctuated greatly during the first 8 years of the 1980s. For the 1980-81 and 1981-82 award years, about 7 percent of all valid applications were selected. This figure rose to 35 percent in 1982-83. The portion selected declined to 21 percent for the next 2 years before rising to 44 percent in 1986-87. In 1987-88 that figure declined to 30 percent as a result of a cap imposed by Congress.

## 1988-89

1988-89 was a year of changes in the Pell Grant Program. Under the Higher Education Act of 1986, changes in the formulae used to determine the Student Aid Index were placed into the law for implementation in this year. As a result of more generous provisions for most applicants, the percentage of eligible applicants increased and the average grant rose substantially. The number of students filing an official application for a Pell Grant rose to 6.5 million in 1988-89. Almost 4.2 million applicants ( 64 percent), a 4 percent increase over 1987-88, were eligible to receive a Pell. Grant in 1988-89. The 3.2 million applicants who received a Pell Grant in 1988-89 (76 percent of the eligible applicants), represented an 11 percent increase over the 2.9 million recipients in 1987-88.

Not only did more students benefit from the program in 1988-89, but those who did benefit enjoyed larger individual grants, with the average grant increasing from $\$ 1,303$ to $\$ 1,399$. Due to the increased number of recipients and larger grants, overall program expenditures rose by 19.2 percent to $\$ 4.48$ billion. This represented the largest increase since 1979-80.

## Pell Grant Program

Summary of statistics for Cross-Year Reference

|  | Award Period |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1973-74 | 1974-75 | 1975-76 | 1976-77 | 1977-78 | 1978-79 | 1979-80 | 1980-81 |
| NUMBER OF APPLICANTS SUBMITTING OFFICIAL APPLICATIONS | 512,866 | 1,304,877 | 2,339,337 | 3,590,379 | 3,844,047 | 3,885,383 | 4,186,716 | 4,825,420 |
| NUMBER OF APPLICANTS SUBMITTING VALID APPLICATIONS | 482,331 | 1,114,084 | 2,178,696 | 3,408,718 | 3,621,641 | 3,401,428 | 3,868,429 | 4,475,762 |
| NUMBER AND PERCENT OF | 268,444 | 681,648 | 1,455,187 | 2,258,043 | 2,390,320 | 2,228,603 | 3,029,745 | 3,330,534 |
| QUALIFIED APPLICANTS | 52.34 | 52.24 | 62.21 | 62.89 | 62.18 | 57.36 | 72.37 | 69.02 |
| NUMBER AND PERCENT OF | 213,887 | 432,436 | 723,509 | 1,150,675 | 1,231,321 | 1,172,825 | 838,684 | 1,145,228 |
| APPLICANTS | 41.70 | 33.14 | 30.93 | 32.05 | 32.03 | 30.19 | 20.03 | 23.73 |
| NUMBER AND PERCENT OF APPLICATOINS RETURNED | 30,535 | 190,793 | 160,641 | 181,661 | 222,406 | 483,955 | 318,287 | 349,658 |
| AND NEVER RE-SUBMITTED FOR PROCESSING | 5.95 | 14.62 | 6.87 | 5.06 | 5.79 | 12.46 | 7.60 | 7.25 |
| NUMBER OF APPLICANTS SUBMITTING UNOFFICIAL APPLICATIONS |  |  |  |  |  | 348,236 | 280,918 | 265,283 |
| CLASSES OF ELIGIBLE APPLICANTS | Full-Time Freshmen | Full-Time Freshmen \& Sophomores | Freshmen Sophomores Juniors | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates |
| NUMBER OF ELIGIBLE APPLICANTS SELECTED FOR VALIDAITON |  |  |  |  |  | 119,263 | 232,118 | 320,852 |
| NUMBER OF RECIPIENTS | 185,249 | 567,000 | 1,217,000 | 1,944,000 | 2,011,000 | 1,893,000 | 2,537,875 | 2,707,932 |
| TOTAL EXPENDITURES | \$49,873,951 | \$356,353,000 | \$925,998,000 | \$1,475,444,000 | \$1,524,340,000 | \$1,540,895,000 | \$2,357,222,000 | \$2,387,117,000 |
| AVERAGE AWARD | \$270 | \$628 | \$761 | \$759 | \$758 | \$825 | \$987 | \$887 |
| MINIMUM AWARD | \$50 | \$50 | \$200 | \$200 | \$200 | \$50 | \$200 | \$150 |
| MAXIMUM AWARD | \$452 | \$1,050 | \$1,400 | \$1,400 | \$1,400 | \$1,600 | \$1,800 | \$1,750 |

Summary of statistics for Cross-Year Reference

|  | AWARD PERIOD |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1981-82 | 1982-83 | 1983-84 | 1984-85 | 1985-86 | 1986-87 | 1987-88 | 1988-89 |
| NUMBER OF APPLICANTS SUBMITTING OFFICIAL APPLICATIONS | 4,945,760 | 5,118,558 | 5,453,548 | 5,514,029 | 5,627,131 | 6,028,303 | 6,297,598 | 6,519,349 |
| NUMBER OF APPLICANTS SUBMITTING VALID APPLICATIONS | 4,614,590 | 4,709,225 | 4,955,775 | 4,981,357 | 5,205,492 | 5,535,734 | 5,714,194 | 5,913,224 |
| NUMBER AND PERCENT OF | 3,398,237 | 3,341,371 | 3,541,191 | 3,558,386 | 3,710,933 | 3,769,608 | 3,812,814 | 4,199,322 |
| QUALIFIED APPLICANTS | 68.71 | 65.28 | 64.93 | 64.53 | 65.95 | 62.53 | 60.54 | 64.41 |
| NUMBER AND PERCENT OF NON-QUALIFIED | 1,216,353 | 1,367,854 | 1,414,584 | 1,422,971 | 1,494,559 | 1,766,126 | 1,901,380 | 1,713,902 |
| APPLICANTS | 24.59 | 26.72 | 25.94 | 25.81 | 26.56 | 29.30 | 30.19 | 26.29 |
| NUMBER AND PERCENT OF APPLICATOINS RETURNED | 331,170 | 409,333 | 497,773 | 532,672 | 421,639 | 492,569 | 583,404 | 606,125 |
| AND NEVER RE-SUBMITTED FOR PROCESSING | 6.70 | 8.00 | 9.13 | 9.66 | 7.49 | 8.17 | 9.26 | 9.30 |
| NUMBER OF APPLICANTS SUBMITTING UNOFFICIAL APPLICATIONS | 266,197 | 296,146 | 284,945 | 299,485 | 287,661 | 321,489 | 320,193 | 318,291 |
| CLASSES OF ELIGIBLE APPLICANTS | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates |
| NUMBER OF ELIGIBLE APPLICANTS SELECTED FOR VALIDAITON | 313,791 | 1,660,021 | 1,047,792 | 1,046,080 | 2,079,093 | 2,452,150 | 1,698,146 | 1,892,916 |
| NUMBER OF RECIPIENTS | 2,709,076 | 2,522,746 | 2,758,906 | 2,747,100 | 2,813,489 | 2,659,507 | 2,881,547 | 3,198,286 |
| TOTAL EXPENDITURES | \$2,299,718,000 | \$2,420,517,000 | \$2,797,057,000 | \$3,052,999,052 | \$3,597,379,921 | \$3,460,006,551 | \$3,754,329,481 | \$4,475,693,249 |
| AVERAGE AWARD | \$849 | \$959 | \$1,014 | \$1,111 | \$1,279 | \$1,301 | \$1,303 | \$1,399 |
| MINIMUM AWARD | \$120 | \$50 | \$200 | \$200 | \$200 | \$100 | \$200 | \$200 |
| MAXIMUM AWARD | \$1,670 | \$1,800 | \$1,800 | \$1,900 | \$2,100 | \$2,100 | \$2,100 | \$2,200 |

## CHAPTER 2

## SELECTED CHARACTERISTICS OF PELL GRANT RECIPIENTS

## Award Period 1988-89

## Table 2

# Distribution of Pell Grant Recipients By Student Aid Index and Family Income 

Award Period 1988-89

2A - Total<br>2B - Dependent<br>2C - Independent

Table 2A shows the distribution of Pell Grant recipients by Student Aid Index (SAl) and family income. Tables 2B and 2C show the same data for dependent and independent students, respectively. For the purposes of these tables, and all others in the End-of-Year Report, family income is considered to be the sum of the parents' (if the student is dependent on the parent for financial support) or student's (if the student is independent) 1987 taxable and nontaxable income, including one half of the amount of certain Veteran's benefits the student may have received.

As Table 1 indicates, 3.2 million students received a Pell Grant during 1988-89. A comparison of Tables 2 B and 2 C shows that most-57.9 percent-of these students claimed to be independent of their parent's support. There has been a steady rise in the portion of recipients reporting independent status. In 1981-82, 41.9 percent were independent; in 1982-83, 45.9 percent; in 1983-84, 47.6 percent; in 198485, 48.6 percent; . in 1985-86, 50.4 percent; in 1986-87, 53.9 percent and in 1987-88, 57.5 percent were independent. The reader should note that 1987-88 was the first year when the student's age, veterans status, and whether he or she is an orphan or has dependents were the critical determinants for dependency status, a change from the six question dependency test, where residency, amount of financial support, and whether the student was claimed as a dependent for tax purposes determined the recipient's status.

The tables show that Pell Grant awards are directed toward the lowest income students. Thirtyeight percent reported a family income of $\$ 6,000$ or less. Twenty-nine percent had an income greater than $\$ 15,000$. Independent students, because they are reporting their often limited 1987 income, predominated in the lower income ranges. In fact, approximately one half ( 53 percent) of independents reported a family income of $\$ 6,000$ or less. Dependents, who report their parents' resources, were more numerous in the higher ranges. For example, 50 percent of all dependents had a family income greater than $\$ 15,000$; only 13 percent of independents were in this income range.

A comparison with 1987-88 data shows a substantial increase in average family income (not shown in table) for all recipients. In 1987-88, the average overall income (dependents and independents) was $\$ 9,236$; in 1988-89, the overall average increased 23 percent to $\$ 11,326$. In 1987-88, 45 percent of total recipients reported family income below $\$ 6,000$ and 21 percent above $\$ 15,000$. In 1988-89, 38 percent reported family income below $\$ 6,000$ and 29 percent above $\$ 15,000$. Although dependents experienced a greater nominal increase in average family income ( $\$ 13,727$ to $\$ 16,467$ for dependents versus $\$ 5,919$ to $\$ 7,591$ for independents), the percentage increase was greater for independents (19 percent for dependents versus 28 percent for independents). All of the changes in income
are consistent with the recent trend towards an increased number of moderate income recipients, which was accelerated by changes in the formulae for 1988-89 that made more families with moderate incomes eligible for aid.

Table 2 also presents the distribution of SAls received by $1988-89$ recipients. The SAI is an indicator of the applicant's financial strength which the school combines with the student's educational cost and enrollment status (fulltime, three-quarter time, or half-time) to determine the size of the grant. For a given educational cost and enroliment status, a lower SAI results in a higher grant. In 1988-89, 2,000 was the largest SAI with which a student could qualify for a Pell Grant.

Table 2A shows that the majority of students54 percent--received a zero SAI and were therefore eligible for the maximum grant within their cost and enrollment status category. This represents a decrease over 1987-88 data when 57 percent of recipients had zero SAls. Tables 2B and 2C indicate that independents were much more likely than dependents to receive a low SAI. Sixty-nine percent of independents received a zero SAI compared to 32 percent of dependents. Independents rarely receive a large SAl, with less than 9 percent in 1988-89 having an SAI greater than 1,000 . By comparison, 26 percent of dependents were in this SAI range.

Figure 5 depicts the distribution of SAls by dependency status graphically. For example, 40 percent of recipients were independent students with zero SAls, while only 14 percent were dependents with zero SAls. For higher SAls dependents slightly outnumber independents.

Because the SAI is a measure of the applicant's financial strength, it is not surprising that there is a strong correlation between reported family income and the SAI. In fact, family income, together with the amount of family assets and expenses and certain demographic data (number of family members, for example) determines the SAI. Table 2A clearly shows that the lower the family income the greater the potential for a low SAI (and eventually a large grant). Approximately 96 percent of all students ( 99 percent of independents and 83 percent of dependents) reporting family incomes of $\$ 6,000$ or less received zero SAls. The 4 percent in this income group who did not receive zero SAls most likely reported having substantial assets. Looking further at recipients with incomes of $\$ 9,000$ or less, almost 87 percent had SAls of zero; additionaliy, 74 percent of those reporting incomes of $\$ 15,000$ or less received an SAI of zero. Less than 3 percent of the over $\$ 15,000$ income group received the minimum SAl. These recipients most likely reported large expenses, a large family, and/or multiple family members attending coliege.

Figure 5
Distribution of Pell Grant Recipients By SAI Level


## DISTRIBUTION OF PELL GRANT RECIPIENTS

BY STUDENT AID INDEX AND FAMILY INCOME
AWARD YEAR 1988-89

| STUDENT AID INDEX | FAMILY INCOME |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \hline \text { LESS THAN } \\ \$ 1,001 \\ \hline \end{gathered}$ | \$1,001-3,000 | \$3,001-6,000 | \$6,001-9,000 | \$9,001-15,000 | \$15,001-20,000 | \$20,001-30,000 | \$30,001+ |  |
| 0 | 207,021 | 317,635 | 640,373 | 326,113 | 200,324 | 17,447 | 5,098 | 1,648 | 1,715,659 |
| R\% | 12.07 | 18.51 | 37.33 | 19.01 | 11.68 | 1.02 | 0.30 | 0.10 | 100.00 |
| C\% | 93.24 | 97.79 | 95.79 | 64.46 | 36.32 | 5.22 | 1.19 | 1.01 | 53.64 |
| 1-200  <br>  $\mathrm{R} \%$ <br> $\mathrm{C} \%$  <br> $\mathbf{2 0 1 - 4 0 0}$  | 10,663 | 5,085 | 20,004 | 42,056 | 154,743 | 43,162 | 9,232 | 832 | 285,777 |
|  | 3.73 | 1.78 | 7.00 | 14.72 | 54.15 | 15.10 | 3.23 | 0.29 | 100.00 |
|  | 4.80 | 1.57 | 2.99 | 8.31 | 28.05 | 12.92 | 2.15 | 0.51 | 8.94 |
|  | 1,842 | 820 | 3,784 | 22,827 | 87,779 | 63,347 | 27,435 | 1,923 | 209,757 |
| R\% | 0.88 | 0.39 | 1.80 | 10.88 | 41.85 | 30.20 | 13.08 | 0.92 | 100.00 |
| C\% | 0.83 | 0.25 | 0.57 | 4.51 | 15.91 | 18.96 | 6.40 | 1.18 | 6.56 |
| 401-600  <br>  $\mathrm{R} \%$ <br>  $\mathrm{C} \%$ | 742 | 393 | 1,197 | 21,019 | 38,519 | 67,770 | 48,207 | 5,083 | 182,930 |
|  | 0.41 | 0.21 | 0.65 | 11.49 | 21.06 | 37.05 | 26.35 | 2.78 | 100.00 |
|  | 0.33 | 0.12 | 0.18 | 4.15 | 6.98 | 20.28 | 11.24 | 3.13 | 5.72 |
| 601-800 $\begin{array}{ll} \\ & \mathrm{R} \% \\ & \mathrm{C} \% \\ \end{array}$ | 539 | 278 | 860 | 19,960 | 13,573 | 58,170 | 51,332 | 9,719 | 154,431 |
|  | 0.35 | 0.18 | 0.56 | 12.92 | 8.79 | 37.67 | 33.24 | 6.29 | 100.00 |
|  | 0.24 | 0.09 | 0.13 | 3.95 | 2.46 | 17.41 | 11.97 | 5.98 | 4.83 |
| 801-1,000 ${ }^{\text {R\% }}$ | 363 | 189 | 659 | 18,248 | 9,805 | 38,622 | 58,662 | 15,752 | 142,300 |
|  | 0.26 | 0.13 | 0.46 | 12.82 | 6.89 | 27.14 | 41.22 | 11.07 | 100.00 |
|  | 0.16 | 0.06 | 0.10 | 3.61 | 1.78 | 11.56 | 13.68 | 9.70 | 4.45 |
| 1,001-1,200 ${ }^{\text {R\% }}$ ( | 210 | 114 | 481 | 16,823 | 8,831 | 18,170 | 65,149 | 20,723 | 130,501 |
|  | 0.16 | 0.09 | 0.37 | 12.89 | 6.77 | 13.92 | 49.92 | 15.88 | 100.00 |
|  | 0.09 | 0.04 | 0.07 | 3.33 | 1.60 | 5.44 | 15.20 | 12.76 | 4.08 |
| 1,201 - 1,400 | 290 | 101 | 406 | 14,817 | 8,068 | 9,407 | 50,580 | 23,622 | 107,291 |
| R\% | 0.27 | 0.09 | 0.38 | 13.81 | 7.52 | 8.77 | 47.14 | 22.02 | 100.00 |
|  | 0.13 | 0.03 | 0.06 | 2.93 | 1.46 | 2.82 | 11.80 | 14.54 | 3.35 |
| 1,401-1,600 | 141 | 65 | 288 | 12,319 | 8,714 | 7,164 | 45,075 | 25,799 | 99,565 |
| R\% | 0.14 | 0.07 | 0.29 | 12.37 | 8.75 | 7.20 | 45.27 | 25.91 | 100.00 |
|  | 0.06 | 0.02 | 0.04 | 2.43 | 1.58 | 2.14 | 10.51 | 15.88 | 3.11 |
| 1,601 - 1,800 | 122 | 69 | 257 | 8,369 | 10,189 | 5,996 | 38,766 | 28,308 | 92,076 |
| R\% | 0.13 | 0.07 | 0.28 | 9.09 | 11.07 | 6.51 | 42.10 | 30.74 | 100.00 |
|  | 0.05 | 0.02 | 0.04 | 1.65 | 1.85 | 1.79 | 9.04 | 17.43 | 2.88 |
| 1,801 - 2,000 | 97 | 50 | 236 | 3,382 | 11,077 | 4,917 | 29,185 | 29,047 | 77,991 |
| R\% | 0.12 | 0.06 | 0.30 | 4.34 | 14.20 | 6.30 | 37.42 | 37.24 | 100.00 |
|  | 0.04 | 0.02 | 0.04 | 0.67 | 2.01 | 1.47 | 6.81 | 17.88 | 2.44 |
| TOTAL $\begin{array}{ll} \\ & \mathrm{R} \% \\ & \mathrm{C} \% \\ \end{array}$ | 222,030 | 324,799 | 668,545 | 505,933 | 551,622 | 334,172 | 428,721 | 162,456 | 3,198,278 |
|  | 6.94 | 10.16 | 20.90 | 15.82 | 17.25 | 10.45 | 13.40 | 5.08 | 100.00 |
|  | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

Table 2-B - DEPENDENT RECIPIENTS
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY STUDENT AID INDEX AND FAMILY INCOME
AWARD YEAR 1988-89

| STUDENT AID INDEX | FAMILY INCOME |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \hline \text { LESS THAN } \\ \$ 1,001 \\ \hline \end{gathered}$ | \$1,001-3,000 | \$3,001-6,000 | \$6,001-9,000 | \$9,001-15,000 | \$15,001-20,000 | \$20,001-30,000 | \$30,001+ |  |
| 0 | 22,658 | 47,320 | 126,600 | 118,218 | 103,318 | 11,422 | 3,414 | 1,328 | 434,278 |
| R\% | 5.22 | 10.90 | 29.15 | 27.22 | 23.79 | 2.63 | 0.79 | 0.31 | 100.00 |
| C\% | 60.87 | 87.54 | 87.80 | 78.28 | 36.55 | 5.28 | 1.09 | 0.91 | 32.27 |
| 1-200R\% <br>  <br>  <br> $\mathrm{R} \%$ <br> $\mathrm{C} \%$ <br> $\mathbf{2 0 1 - 4 0 0}$ | 10,585 | 4,996 | 12,555 | 22,150 | 80,021 | 30,296 | 7,779 | 757 | 169,139 |
|  | 6.26 | 2.95 | 7.42 | 13.10 | 47.31 | 17.91 | 4.60 | 0.45 | 100.00 |
|  | 28.43 | 9.24 | 8.71 | 14.67 | 28.31 | 14.01 | 2.47 | 0.52 | 12.57 |
|  | 1,801 | 739 | 2,050 | 3,406 | 42,179 | 37,362 | 22,086 | 1,746 | 111,369 |
| R\% | 1.62 | 0.66 | 1.84 | 3.06 | 37.87 | 33.55 | 19.83 | 1.57 | 100.00 |
| C\% | 4.84 | 1.37 | 1.42 | 2.26 | 14.92 | 17.28 | 7.02 | 1.20 | 8.28 |
| 401-600  <br>  $\mathrm{R} \%$ <br>  $\mathrm{C} \%$ | 690 | 337 | 850 | 1,794 | 21,634 | 36,557 | 36,271 | 4,640 | 102,773 |
|  | 0.67 | 0.33 | 0.83 | 1.75 | 21.05 | 35.57 | 35.29 | 4.51 | 100.00 |
|  | 1.85 | 0.62 | 0.59 | 1.19 | 7.65 | 16.91 | 11.53 | 3.18 | 7.64 |
| 601-800 $\begin{array}{ll} \\ & \mathrm{R} \% \\ & \mathrm{C} \% \\ \end{array}$ | 487 | 222 | 612 | 1,277 | 9,439 | 34,084 | 36,702 | 8,781 | 91,604 |
|  | 0.53 | 0.24 | 0.67 | 1.39 | 10.30 | 37.21 | 40.07 | 9.59 | 100.00 |
|  | 1.31 | 0.41 | 0.42 | 0.85 | 3.34 | 15.77 | 11.67 | 6.02 | 6.81 |
| 801-1,000 ${ }^{\text {R\% }}$ ( ${ }^{\text {C\% }}$ | 339 | 151 | 457 | 1,057 | 6,490 | 26,092 | 39,795 | 14,173 | 88,554 |
|  | 0.38 | 0.17 | 0.52 | 1.19 | 7.33 | 29.46 | 44.94 | 16.00 | 100.00 |
|  | 0.91 | 0.28 | 0.32 | 0.70 | 2.30 | 12.07 | 12.65 | 9.72 | 6.58 |
| 1,001-1,200 ${ }^{\text {R\% }}$ ( | 186 | 84 | 314 | 913 | 5,377 | 14,900 | 44,161 | 18,708 | 84,643 |
|  | 0.22 | 0.10 | 0.37 | 1.08 | 6.35 | 17.60 | 52.17 | 22.10 | 100.00 |
|  | 0.50 | 0.16 | 0.22 | 0.60 | 1.90 | 6.89 | 14.04 | 12.83 | 6.29 |
| 1,201-1,400 | 154 | 79 | 252 | 695 | 4,569 | 8,785 | 36,679 | 21,341 | 72,554 |
| R\% | 0.21 | 0.11 | 0.35 | 0.96 | 6.30 | 12.11 | 50.55 | 29.41 | 100.00 |
|  | 0.41 | 0.15 | 0.17 | 0.46 | 1.62 | 4.06 | 11.66 | 14.64 | 5.39 |
| 1,401 - 1,600 | 126 | 47 | 188 | 595 | 3,878 | 6,801 | 33,605 | 23,246 | 68,486 |
| R\% | 0.18 | 0.07 | 0.27 | 0.87 | 5.66 | 9.93 | 49.07 | 33.94 | 100.00 |
|  | 0.34 | 0.09 | 0.13 | 0.39 | 1.37 | 3.15 | 10.68 | 15.94 | 5.09 |
| 1,601 - 1,800 | 114 | 47 | 165 | 508 | 3,207 | 5,568 | 29,694 | 25,177 | 64,480 |
| R\% | 0.18 | 0.07 | 0.26 | 0.79 | 4.97 | 8.64 | 46.05 | 39.05 | 100.00 |
|  | 0.31 | 0.09 | 0.11 | 0.34 | 1.13 | 2.58 | 9.44 | 17.27 | 4.79 |
| 1,801 - 2,000 | 86 | 36 | 149 | 397 | 2,544 | 4,328 | 24,330 | 25,901 | 57,771 |
| R\% | 0.15 | 0.06 | 0.26 | 0.69 | 4.40 | 7.49 | 42.11 | 44.83 | 100.00 |
|  | 0.23 | 0.07 | 0.10 | 0.26 | 0.90 | 2.00 | 7.74 | 17.76 | 4.29 |
| TOTAL  <br>  $\mathrm{R} \%$ <br>  $\mathrm{C} \%$ | 37,226 | 54,058 | 144,192 | 151,010 | 282,656 | 216,195 | 314,516 | 145,798 | 1,345,651 |
|  | 2.77 | 4.02 | 10.72 | 11.22 | 21.01 | 16.07 | 23.37 | 10.83 | 100.00 |
|  | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

Table 2-C - INDEPENDENT RECIPIENTS
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY STUDENT AID INDEX AND FAMILY INCOME
AWARD YEAR 1988-89

| STUDENT AID INDEX | FAMILY INCOME |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \hline \text { LESS THAN } \\ \$ 1,001 \\ \hline \end{gathered}$ | \$1,001-3,000 | \$3,001-6,000 | \$6,001-9,000 | \$9,001-15,000 | \$15,001-20,000 | \$20,001-30,000 | \$30,001+ |  |
| 0 | 184,363 | 270,315 | 513,773 | 207,895 | 97,006 | 6,025 | 1,684 | 320 | 1,281,381 |
| R\% | 14.39 | 21.10 | 40.10 | 16.22 | 7.57 | 0.47 | 0.13 | 0.02 | 100.00 |
| C\% | 99.76 | 99.84 | 97.98 | 58.57 | 36.07 | 5.11 | 1.47 | 1.92 | 69.17 |
| 1-200 | 78 | 89 | 7,449 | 19,906 | 74,722 | 12,866 | 1,453 | 75 | 116,638 |
| R\% | 0.07 | 0.08 | 6.39 | 17.07 | 64.06 | 11.03 | 1.25 | 0.06 | 100.00 |
| C\% | 0.04 | 0.03 | 1.42 | 5.61 | 27.78 | 10.91 | 1.27 | 0.45 | 6.30 |
| 201-400 | 41 | 81 | 1,734 | 19,421 | 45,600 | 25,985 | 5,349 | 177 | 98,388 |
| R\% | 0.04 | 0.08 | 1.76 | 19.74 | 46.35 | 26.41 | 5.44 | 0.18 | 100.00 |
| C\% | 0.02 | 0.03 | 0.33 | 5.47 | 16.95 | 22.03 | 4.68 | 1.06 | 5.31 |
| 401-600 | 52 | 56 | 347 | 19,225 | 16,885 | 31,213 | 11,936 | 443 | 80,157 |
| R\% | 0.06 | 0.07 | 0.43 | 23.98 | 21.06 | 38.94 | 14.89 | 0.55 | 100.00 |
| C\% | 0.03 | 0.02 | 0.07 | 5.42 | 6.28 | 26.46 | 10.45 | 2.66 | 4.33 |
| 601-800 | 52 | 56 | 248 | 18,683 | 4,134 | 24,086 | 14,630 | 938 | 62,827 |
|  | 0.08 | 0.09 | 0.39 | 29.74 | 6.58 | 38.34 | 23.29 | 1.49 | 100.00 |
| C\% | 0.03 | 0.02 | 0.05 | 5.26 | 1.54 | 20.42 | 12.81 | 5.63 | 3.39 |
| 801-1,000 | 24 | 38 | 202 | 17,191 | 3,315 | 12,530 | 18,867 | 1,579 | 53,746 |
|  | 0.04 | 0.07 | 0.38 | 31.99 | 6.17 | 23.31 | 35.10 | 2.94 | 100.00 |
| C\% | 0.01 | 0.01 | 0.04 | 4.84 | 1.23 | 10.62 | 16.52 | 9.48 | 2.90 |
| 1,001 - 1,200 | 24 | 30 | 167 | 15,910 | 3,454 | 3,270 | 20,988 | 2,015 | 45,858 |
|  | 0.05 | 0.07 | 0.36 | 34.69 | 7.53 | 7.13 | 45.77 | 4.39 | 100.00 |
| C\% | 0.01 | 0.01 | 0.03 | 4.48 | 1.28 | 2.77 | 18.38 | 12.10 | 2.48 |
| 1,201 - 1,400 | 136 | 22 | 154 | 14,122 | 3,499 | 622 | 13,901 | 2,281 | 34,737 |
| R\% | 0.39 | 0.06 | 0.44 | 40.65 | 10.07 | 1.79 | 40.02 | 6.57 | 100.00 |
| C\% | 0.07 | 0.01 | 0.03 | 3.98 | 1.30 | 0.53 | 12.17 | 13.69 | 1.88 |
| 1,401-1,600 | 15 | 18 | 100 | 11,724 | 4,836 | 363 | 11,470 | 2,553 | 31,079 |
| R\% | 0.05 | 0.06 | 0.32 | 37.72 | 15.56 | 1.17 | 36.91 | 8.21 | 100.00 |
| C\% | 0.01 | 0.01 | 0.02 | 3.30 | 1.80 | 0.31 | 10.04 | 15.33 | 1.68 |
| 1,601-1,800 | 8 | 22 | 92 | 7,861 | 6,982 | 428 | 9,072 | 3,131 | 27,596 |
| R\% | 0.03 | 0.08 | 0.33 | 28.49 | 25.30 | 1.55 | 32.87 | 11.35 | 100.00 |
| C\% | 0.00 | 0.01 | 0.02 | 2.21 | 2.60 | 0.36 | 7.94 | 18.80 | 1.49 |
| 1,801 - 2,000 | 11 | 14 | 87 | 2,985 | 8,533 | 589 | 4,855 | 3,146 | 20,220 |
| R\% | 0.05 | 0.07 | 0.43 | 14.76 | 42.20 | 2.91 | 24.01 | 15.56 | 100.00 |
| C\% | 0.01 | 0.01 | 0.02 | 0.84 | 3.17 | 0.50 | 4.25 | 18.89 | 1.09 |
| TOTAL | 184,804 | 270,741 | 524,353 | 354,923 | 268,966 | 117,977 | 114,205 | 16,658 | 1,852,627 |
| R\% | 9.98 | 14.61 | 28.30 | 19.16 | 14.52 | 6.37 | 6.16 | 0.90 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

# Table 3 <br> <br> Distribution of Pell Grant Recipients <br> <br> Distribution of Pell Grant Recipients By Family Income and Grant Level 

Award Period 1988-89
3A - Total
3B - Dependent
3C - Independent

Tables 3A, 3B, and 3C present the distribution of Pell Grant recipients by family income and grant level, first for all recipients, then for dependents and independents, respectively.

As Table 1 indicated, the average grant in 198889 was $\$ 1,399$. Table 3 A shows that roughly one quarter received grants of less than $\$ 900$; slightly more ( 29 percent) were awarded grants between $\$ 900$ and $\$ 1,500$; and the remaining 45 percent received grants greater than $\$ 1,500$, including 17 percent who received the maximum grant of $\$ 2,200$. A comparison of Tables 3B and 3C shows that the majority of those receiving both large grants and modestsized grants were independent, with 60 percent of those receiving $\$ 1,500$ or more and 55 percent of those receiving less than $\$ 900$ being independent. It should be remembered from Table 2 that independents report far lower incomes than their dependent counterparts and therefore would be more likely to qualify for the larger grants.

Table 3A confirms this link between family income and grant size--the greater the income the less likely the student will receive a large
award. For example, among recipients who received the maximum grant of $\$ 2,200,67$ percent had incomes of $\$ 6,000$ or less, 86 percent had incomes of $\$ 9,000$ or less and only 2 percent had family incomes greater than $\$ 15,000$. This distribution of income among those receiving the maximum award has shifted slightly since 1987-88 when 72 percent of those receiving the maximum grant $(\$ 2,100)$ had incomes less than $\$ 6,000$ and 1 percent reported incomes greater than $\$ 15,000$.

An examination of students receiving modestsized grants (less than \$900) also illustrates the relationship between income and grant level. Students with relatively large incomes were more likely than their low income counterparts to receive a small grant. For example, approximately 43 percent of recipients with incomes over $\$ 15,000$ were awarded grants of less than $\$ 900$ while 16 percent of the $\$ 6,000$ and under group received grants in this range. As the data from Table 8 indicate, educational cost is an important determinant of grant size. Many low income students who received grants of less than $\$ 900$ attended low cost institutions.

TABLE 3-A
DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND GRANT LEVEL ALL RECIPIENTS - AWARD YEAR 1988-89

| FAMILY INCOME | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 |  |
| LESS THAN \$1,001 | 5,760 | 17,324 | 21,046 | 36,073 | 23,344 | 19,919 | 39,712 | 58,852 | 222,030 |
| R\% | 2.59 | 7.80 | 9.48 | 16.25 | 10.51 | 8.97 | 17.89 | 26.51 | 100.00 |
| C\% | 5.38 | 5.47 | 5.38 | 6.84 | 5.65 | 5.51 | 7.54 | 10.62 | 6.94 |
| \$1,001-3,000 | 2,821 | 16,114 | 28,788 | 57,681 | 35,439 | 27,629 | 51,807 | 104,521 | 324,800 |
| R\% | 0.87 | 4.96 | 8.86 | 17.76 | 10.91 | 8.51 | 15.95 | 32.18 | 100.00 |
| C\% | 2.63 | 5.09 | 7.36 | 10.93 | 8.57 | 7.65 | 9.84 | 18.85 | 10.16 |
| \$3,001-6,000 | 5,646 | 32,733 | 60,688 | 112,712 | 74,384 | 58,658 | 113,618 | 210,106 | 668,545 |
| R\% | 0.84 | 4.90 | 9.08 | 16.86 | 11.13 | 8.77 | 16.99 | 31.43 | 100.00 |
| C\% | 5.27 | 10.34 | 15.51 | 21.37 | 18.00 | 16.23 | 21.58 | 37.90 | 20.90 |
| \$6,001 - 9,000 | 12,152 | 43,721 | 58,859 | 82,651 | 62,472 | 54,082 | 86,770 | 105,227 | 505,934 |
| R\% | 2.40 | 8.64 | 11.63 | 16.34 | 12.35 | 10.69 | 17.15 | 20.80 | 100.00 |
| C\% | 11.34 | 13.80 | 15.04 | 15.67 | 15.11 | 14.97 | 16.48 | 18.98 | 15.82 |
| \$9,001 - 15,000 | 15,850 | 43,483 | 54,712 | 80,458 | 65,814 | 72,305 | 152,220 | 66,782 | 551,624 |
| R\% | 2.87 | 7.88 | 9.92 | 14.59 | 11.93 | 13.11 | 27.59 | 12.11 | 100.00 |
| C\% | 14.79 | 13.73 | 13.98 | 15.25 | 15.92 | 20.01 | 28.91 | 12.05 | 17.25 |
| \$15,001 - 20,000 | 7,878 | 31,035 | 45,989 | 49,148 | 65,770 | 69,467 | 58,292 | 6,596 | 334,175 |
| R\% | 2.36 | 9.29 | 13.76 | 14.71 | 19.68 | 20.79 | 17.44 | 1.97 | 100.00 |
| C\% | 7.35 | 9.80 | 11.75 | 9.32 | 15.91 | 19.23 | 11.07 | 1.19 | 10.45 |
| \$20,001 - 30,000 | 33,768 | 85,118 | 84,636 | 80,920 | 68,497 | 51,899 | 22,053 | 1,831 | 428,722 |
| R\% | 7.88 | 19.85 | 19.74 | 18.87 | 15.98 | 12.11 | 5.14 | 0.43 | 100.00 |
| C\% | 31.52 | 26.88 | 21.63 | 15.34 | 16.57 | 14.36 | 4.19 | 0.33 | 13.40 |
| \$30,001 + | 23,256 | 47,180 | 36,592 | 27,897 | 17,602 | 7,372 | 2,096 | 461 | 162,456 |
| R\% | 14.32 | 29.04 | 22.52 | 17.17 | 10.83 | 4.54 | 1.29 | 0.28 | 100.00 |
| C\% | 21.71 | 14.90 | 9.35 | 5.29 | 4.26 | 2.04 | 0.40 | 0.08 | 5.08 |
| TOTAL | 107,131 | 316,708 | 391,310 | 527,540 | 413,322 | 361,331 | 526,568 | 554,376 | 3,198,286 |
| R\% | 3.35 | 9.90 | 12.23 | 16.49 | 12.92 | 11.30 | 16.46 | 17.33 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 3-B
DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND GRANT LEVEL DEPENDENT RECIPIENTS - AWARD YEAR 1988-89

|  | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FAMILY INCOME | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 |  |
| LESS THAN \$1,001 | 209 | 1,193 | 2,220 | 4,044 | 3,613 | 3,948 | 13,459 | 8,540 | 37,226 |
| R\% | 0.56 | 3.20 | 5.96 | 10.86 | 9.71 | 10.61 | 36.15 | 22.94 | 100.00 |
| C\% | 0.40 | 0.83 | 1.29 | 1.99 | 1.86 | 2.20 | 5.36 | 5.70 | 2.77 |
| \$1,001 - 3,000 | 394 | 2,001 | 4,177 | 7,835 | 6,367 | 5,295 | 12,798 | 15,191 | 54,058 |
| R\% | 0.73 | 3.70 | 7.73 | 14.49 | 11.78 | 9.80 | 23.67 | 28.10 | 100.00 |
| C\% | 0.75 | 1.40 | 2.43 | 3.85 | 3.28 | 2.95 | 5.10 | 10.14 | 4.02 |
| \$3,001 - 6,000 | 1,027 | 5,124 | 11,632 | 19,930 | 16,764 | 15,349 | 31,658 | 42,708 | 144,192 |
| R\% | 0.71 | 3.55 | 8.07 | 13.82 | 11.63 | 10.64 | 21.96 | 29.62 | 100.00 |
| C\% | 1.95 | 3.58 | 6.76 | 9.80 | 8.62 | 8.55 | 12.62 | 28.51 | 10.72 |
| \$6,001-9,000 | 1,399 | 5,669 | 11,588 | 20,007 | 17,561 | 16,691 | 37,505 | 40,590 | 151,010 |
| R\% | 0.93 | 3.75 | 7.67 | 13.25 | 11.63 | 11.05 | 24.84 | 26.88 | 100.00 |
| C\% | 2.66 | 3.96 | 6.74 | 9.84 | 9.03 | 9.30 | 14.95 | 27.09 | 11.22 |
| \$9,001 - 15,000 | 4,027 | 13,740 | 24,008 | 35,685 | 34,763 | 41,995 | 91,746 | 36,693 | 282,657 |
| R\% | 1.42 | 4.86 | 8.49 | 12.62 | 12.30 | 14.86 | 32.46 | 12.98 | 100.00 |
| C\% | 7.66 | 9.59 | 13.95 | 17.55 | 17.88 | 23.40 | 36.57 | 24.49 | 21.01 |
| \$15,001 - 20,000 | 5,037 | 16,801 | 25,684 | 30,159 | 45,318 | 46,145 | 42,612 | 4,442 | 216,198 |
| R\% | 2.33 | 7.77 | 11.88 | 13.95 | 20.96 | 21.34 | 19.71 | 2.05 | 100.00 |
| C\% | 9.59 | 11.73 | 14.93 | 14.84 | 23.31 | 25.71 | 16.98 | 2.97 | 16.07 |
| \$20,001 - 30,000 | 21,443 | 57,040 | 59,326 | 59,658 | 53,449 | 43,130 | 19,193 | 1,278 | 314,517 |
| R\% | 6.82 | 18.14 | 18.86 | 18.97 | 16.99 | 13.71 | 6.10 | 0.41 | 100.00 |
| C\% | 40.81 | 39.83 | 34.48 | 29.35 | 27.49 | 24.03 | 7.65 | 0.85 | 23.37 |
| \$30,001 + | 19,011 | 41,637 | 33,409 | 25,972 | 16,563 | 6,929 | 1,912 | 365 | 145,798 |
| R\% | 13.04 | 28.56 | 22.91 | 17.81 | 11.36 | 4.75 | 1.31 | 0.25 | 100.00 |
| C\% | 36.18 | 29.08 | 19.42 | 12.78 | 8.52 | 3.86 | 0.76 | 0.24 | 10.83 |
| TOTAL | 52,547 | 143,205 | 172,044 | 203,290 | 194,398 | 179,482 | 250,883 | 149,807 | 1,345,656 |
| R\% | 3.90 | 10.64 | 12.79 | 15.11 | 14.45 | 13.34 | 18.64 | 11.13 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 3-C
DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND GRANT LEVEL
INDEPENDENT RECIPIENTS - AWARD YEAR 1988-89

| FAMILY INCOME | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 |  |
| LESS THAN \$1,001 | 5,551 | 16,131 | 18,826 | 32,029 | 19,731 | 15,971 | 26,253 | 50,312 | 184,804 |
| R\% | 3.00 | 8.73 | 10.19 | 17.33 | 10.68 | 8.64 | 14.21 | 27.22 | 100.00 |
| C\% | 10.17 | 9.30 | 8.59 | 9.88 | 9.01 | 8.78 | 9.52 | 12.44 | 9.98 |
| \$1,001 - 3,000 | 2,427 | 14,113 | 24,611 | 49,846 | 29,072 | 22,334 | 39,009 | 89,330 | 270,742 |
| R\% | 0.90 | 5.21 | 9.09 | 18.41 | 10.74 | 8.25 | 14.41 | 32.99 | 100.00 |
| C\% | 4.45 | 8.13 | 11.22 | 15.37 | 13.28 | 12.28 | 14.15 | 22.08 | 14.61 |
| \$3,001-6,000 | 4,619 | 27,609 | 49,056 | 92,782 | 57,620 | 43,309 | 81,960 | 167,398 | 524,353 |
| R\% | 0.88 | 5.27 | 9.36 | 17.69 | 10.99 | 8.26 | 15.63 | 31.92 | 100.00 |
| C\% | 8.46 | 15.91 | 22.37 | 28.61 | 26.32 | 23.82 | 29.73 | 41.38 | 28.30 |
| \$6,001-9,000 | 10,753 | 38,052 | 47,271 | 62,644 | 44,911 | 37,391 | 49,265 | 64,637 | 354,924 |
| R\% | 3.03 | 10.72 | 13.32 | 17.65 | 12.65 | 10.53 | 13.88 | 18.21 | 100.00 |
| C\% | 19.70 | 21.93 | 21.56 | 19.32 | 20.51 | 20.56 | 17.87 | 15.98 | 19.16 |
| \$9,001 - 15,000 | 11,823 | 29,743 | 30,704 | 44,773 | 31,051 | 30,310 | 60,474 | 30,089 | 268,967 |
| R\% | 4.40 | 11.06 | 11.42 | 16.65 | 11.54 | 11.27 | 22.48 | 11.19 | 100.00 |
| C\% | 21.66 | 17.14 | 14.00 | 13.81 | 14.18 | 16.67 | 21.94 | 7.44 | 14.52 |
| \$15,001 - 20,000 | 2,841 | 14,234 | 20,305 | 18,989 | 20,452 | 23,322 | 15,680 | 2,154 | 117,977 |
| R\% | 2.41 | 12.07 | 17.21 | 16.10 | 17.34 | 19.77 | 13.29 | 1.83 | 100.00 |
| C\% | 5.20 | 8.20 | 9.26 | 5.86 | 9.34 | 12.82 | 5.69 | 0.53 | 6.37 |
| \$20,001 - 30,000 | 12,325 | 28,078 | 25,310 | 21,262 | 15,048 | 8,769 | 2,860 | 553 | 114,205 |
| R\% | 10.79 | 24.59 | 22.16 | 18.62 | 13.18 | 7.68 | 2.50 | 0.48 | 100.00 |
| C\% | 22.58 | 16.18 | 11.54 | 6.56 | 6.87 | 4.82 | 1.04 | 0.14 | 6.16 |
| \$30,001 + | 4,245 | 5,543 | 3,183 | 1,925 | 1,039 | 443 | 184 | 96 | 16,658 |
| R\% | 25.48 | 33.28 | 19.11 | 11.56 | 6.24 | 2.66 | 1.10 | 0.58 | 100.00 |
| C\% | 7.78 | 3.19 | 1.45 | 0.59 | 0.47 | 0.24 | 0.07 | 0.02 | 0.90 |
| TOTAL | 54,584 | 173,503 | 219,266 | 324,250 | 218,924 | 181,849 | 275,685 | 404,569 | 1,852,630 |
| R\% | 2.95 | 9.37 | 11.84 | 17.50 | 11.82 | 9.82 | 14.88 | 21.84 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

## Table 4

# Distribution of Pell Grant Recipients By Student Aid Index and Grant Level 

Award Period 1988-89

4A - Total
4B - Dependent
4C - Independent

Tables 4A, 48, and 4C present the distribution of Pell Grant recipients by Student Aid Index (SAI) and grant level, first for all recipients, then for dependents and independents.

The SAI, when combined with the student's educational cost and enrollment status, determines the amount of the Pell Grant. The statistics from Table 4A illustrate the relationship between SAI and grant level-the lower the index the larger the potential for a large grant. For example, more than 99 percent of the students receiving the maximum award of $\$ 2,200$ had zero SAls, while only 32 percent of the recipients who were awarded less than $\$ 900$ had the minimum SAI. Students with zero SAls who received small grants attended low cost institutions or were enrolled on a part-time basis.

The step-shaped line drawn diagonally through the three tables delineates valid versus invalid awards. All cells to the right of the line should contain zeros, as these are invalid combinations of SAI and grant level. For example, the maximum grant that a full-time student with an SAI of 1300 could receive was $\$ 950$. Grants that
exceeded $\$ 950$ for this SAI most likely represent overawards that are the result of the student attending more than one institution during the award year.

A comparison of this data with data from the previous 6 award years indicates that such invalid awards continue to be rare. During 1988 $89,6,135$ students were in the cells to the right of the diagonal line. Although this is an increase over the previous cycle, these students represented only .20 percent of all recipients. During 1987-88, . 10 percent received such invalid awards; during 1986-87, . 07 percent; in 1985-86, . 05 percent; in 1984-85, . 05 percent; in 1983-84, . 6 percent; in 1982-83, .7 percent; and in 1981-82, 8 percent. The decline in these invalid awards between 1983-84 and 1984-85 may have been the result of the introduction of a new system used by schools to report and reconcile Pell Grant disbursements with the Department of Education. Under this system, reporting and adjustment of award data occurs throughout the year rather than at the end as was the case with the old system.

TABLE 4-A

## DISTRIBUTION OF PELL GRANT RECIPIENTS STUDENT AID INDEX AND GRANT LEVEL ALL RECIPIENTS - AWARD YEAR 1988-89

GRANT LEVEL

| STUDENT AID INDEX | GRANT LEVEL |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 | TOTAL |
| 0 | 18,468 | 92,507 | 153,699 | 288,244 | 191,423 | 154,304 | 266,066 | 550,948 | 1,715,659 |
| R\% | 1.08 | 5.39 | 8.96 | 16.80 | 11.16 | 8.99 | 15.51 | 32.11 | 100.00 |
| C\% | 17.24 | 29.21 | 39.28 | 54.64 | 46.31 | 42.70 | 50.53 | 99.38 | 53.64 |
| 1-200 | 1,954 | 12,555 | 20,255 | 38,145 | 28,765 | 29,060 | 153,724 | 1,319 | 285,777 |
| R\% | 0.68 | 4.39 | 7.09 | 13.35 | 10.07 | 10.17 | 53.79 | 0.46 | 100.00 |
| C\% | 1.82 | 3.96 | 5.18 | 7.23 | 6.96 | 8.04 | 29.19 | 0.24 | 8.94 |
| 201-400 | 1,626 | 10,385 | 15,815 | 29,859 | 24,903 | 20,579 | 105,792 | 798 | 209,757 |
| R\% | 0.78 | 4.95 | 7.54 | 14.24 | 11.87 | 9.81 | 50.44 | 0.38 | 100.00 |
| C\% | 1.52 | 3.28 | 4.04 | 5.66 | 6.03 | 5.70 | 20.09 | 0.14 | 6.56 |
| 401-600 | 1,798 | 11,867 | 28,262 | 13,195 | 17,410 | 109,577 | 318 | 503 | 182,930 |
| R\% | 0.98 | 6.49 | 15.45 | 7.21 | 9.52 | 59.90 | 0.17 | 0.27 | 100.00 |
| C\% | 1.68 | 3.75 | 7.22 | 2.50 | 4.21 | 30.33 | 0.06 | 0.09 | 5.72 |
| 601-800 | 1,647 | 11,095 | 21,441 | 15,047 | 57,425 | 47,271 | 249 | 256 | 154,431 |
| R\% | 1.07 | 7.18 | 13.88 | 9.74 | 37.18 | 30.61 | 0.16 | 0.17 | 100.00 |
| C\% | 1.54 | 3.50 | 5.48 | 2.85 | 13.89 | 13.08 | 0.05 | 0.05 | 4.83 |
| 801-1,000 | 1,538 | 10,404 | 22,917 | 14,028 | 92,814 | 216 | 210 | 173 | 142,300 |
| R\% | 1.08 | 7.31 | 16.10 | 9.86 | 65.22 | 0.15 | 0.15 | 0.12 | 100.00 |
| C\% | 1.44 | 3.29 | 5.86 | 2.66 | 22.46 | 0.06 | 0.04 | 0.03 | 4.45 |
| 1,001-1,200 | 4,402 | 21,583 | 12,262 | 91,625 | 251 | 190 | 94 | 94 | 130,501 |
| $\mathrm{R} \%$ | 3.37 | 16.54 | 9.40 | 70.21 | 0.19 | 0.15 | 0.07 | 0.07 | 100.00 |
| C\% | 4.11 | 6.81 | 3.13 | 17.37 | 0.06 | 0.05 | 0.02 | 0.02 | 4.08 |
| 1,201-1,400 | 4,735 | 18,982 | 46,185 | 37,041 | 177 | 48 | 47 | 76 | 107,291 |
| R\% | 4.41 | 17.69 | 43.05 | 34.52 | 0.16 | 0.04 | 0.04 | 0.07 | 100.00 |
| C\% | 4.42 | 5.99 | 11.80 | 7.02 | 0.04 | 0.01 | 0.01 | 0.01 | 3.35 |
| 1,401-1,600 | 6,831 | 22,073 | 70,225 | 214 | 91 | 44 | 18 | 69 | 99,565 |
| R\% | 6.86 | 22.17 | 70.53 | 0.21 | 0.09 | 0.04 | 0.02 | 0.07 | 100.00 |
| C\% | 6.38 | 6.97 | 17.95 | 0.04 | 0.02 | 0.01 | 0.00 | 0.01 | 3.11 |
| 1,601-1,800 | 17,457 | 74,197 | 181 | 98 | 28 | 24 | 25 | 66 | 92,076 |
| $\mathrm{R} \%$ | 18.96 | 80.58 | 0.20 | 0.11 | 0.03 | 0.03 | 0.03 | 0.07 | 100.00 |
| C\% | 16.30 | 23.43 | 0.05 | 0.02 | 0.01 | 0.01 | 0.00 | 0.01 | 2.88 |
| 1,801-2,000 | 46,674 | 31,059 | 67 | 44 | 35 | 18 | 22 | 72 | 77,991 |
| R\% | 59.85 | 39.82 | 0.09 | 0.06 | 0.04 | 0.02 | 0.03 | 0.09 | 100.00 |
| C\% | 43.57 | 9.81 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | 2.44 |
| TOTAL | 107,130 | 316,707 | 391,309 | 527,540 | 413,322 | 361,331 | 526,565 | 554,374 | 3,198,278 |
| R\% | 3.35 | 9.90 | 12.23 | 16.49 | 12.92 | 11.30 | 16.46 | 17.33 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 4-B

## distribution of pell grant recipients STUDENT AID INDEX AND GRANT LEVEL DEPENDENT RECIPIENTS - AWARD YEAR 1988-89

| STUDENT AID INDEX |  | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 |  |
| 0 |  | 2,980 | 15,077 | 33,407 | 60,175 | 51,157 | 45,549 | 77,571 | 148,362 | 434,278 |
|  | R\% | 0.69 | 3.47 | 7.69 | 13.86 | 11.78 | 10.49 | 17.86 | 34.16 | 100.00 |
|  | C\% | 5.67 | 10.53 | 19.42 | 29.60 | 26.32 | 25.38 | 30.92 | 99.04 | 32.27 |
| 1-200 |  | 733 | 3,908 | 9,105 | 17,588 | 15,683 | 16,320 | 105,182 | 620 | 169,139 |
|  | R\% | 0.43 | 2.31 | 5.38 | 10.40 | 9.27 | 9.65 | 62.19 | 0.37 | 100.00 |
|  | C\% | 1.39 | 2.73 | 5.29 | 8.65 | 8.07 | 9.09 | 41.93 | 0.41 | 12.57 |
| 201-400 |  | 474 | 2,644 | 6,151 | 11,739 | 11,176 | 11,210 | 67,622 | 353 | 111,369 |
|  | R\% | 0.43 | 2.37 | 5.52 | 10.54 | 10.04 | 10.07 | 60.72 | 0.32 | 100.00 |
|  | C\% | 0.90 | 1.85 | 3.58 | 5.77 | 5.75 | 6.25 | 26.95 | 0.24 | 8.28 |
| 401-600 |  | 444 | 3,458 | 11,168 | 5,364 | 8,907 | 73,025 | 164 | 243 | 102,773 |
|  | R\% | 0.43 | 3.36 | 10.87 | 5.22 | 8.67 | 71.05 | 0.16 | 0.24 | 100.00 |
|  | C\% | 0.84 | 2.41 | 6.49 | 2.64 | 4.58 | 40.69 | 0.07 | 0.16 | 7.64 |
| 601-800 |  | 450 | 3,449 | 9,335 | 5,830 | 39,194 | 33,094 | 137 | 115 | 91,604 |
|  | R\% | 0.49 | 3.77 | 10.19 | 6.36 | 42.79 | 36.13 | 0.15 | 0.13 | 100.00 |
|  | C\% | 0.86 | 2.41 | 5.43 | 2.87 | 20.16 | 18.44 | 0.05 | 0.08 | 6.81 |
| 801-1,000 |  | 444 | 3,428 | 10,191 | 6,195 | 67,960 | 125 | 137 | 74 | 88,554 |
|  | R\% | 0.50 | 3.87 | 11.51 | 7.00 | 76.74 | 0.14 | 0.15 | 0.08 | 100.00 |
|  | C\% | 0.84 | 2.39 | 5.92 | 3.05 | 34.96 | 0.07 | 0.05 | 0.05 | 6.58 |
| 1,001-1,200 |  | 1,165 | 10,374 | 5,087 | 67,671 | 166 | 111 | 41 | 28 | 84,643 |
|  | R\% | 1.38 | 12.26 | 6.01 | 79.95 | 0.20 | 0.13 | 0.05 | 0.03 | 100.00 |
|  | C\% | 2.22 | 7.24 | 2.96 | 33.29 | 0.09 | 0.06 | 0.02 | 0.02 | 6.29 |
| 1,201-1,400 |  | 1,645 | 9,373 | 32,833 | 28,557 | 100 | 27 | 15 | 4 | 72,554 |
|  | R\% | 2.27 | 12.92 | 45.25 | 39.36 | 0.14 | 0.04 | 0.02 | 0.01 | 100.00 |
|  | C\% | 3.13 | 6.55 | 19.08 | 14.05 | 0.05 | 0.02 | 0.01 | 0.00 | 5.39 |
| 1,401-1,600 |  | 2,696 | 10,973 | 54,629 | 114 | 49 | 18 | 4 | 3 | 68,486 |
|  | R\% | 3.94 | 16.02 | 79.77 | 0.17 | 0.07 | 0.03 | 0.01 | 0.00 | 100.00 |
|  | C\% | 5.13 | 7.66 | 31.75 | 0.06 | 0.03 | 0.01 | 0.00 | 0.00 | 5.09 |
| 1,601-1,800 |  | 8,517 | 55,797 | 105 | 48 | 4 | 2 | 3 | 4 | 64,480 |
|  | R\% | 13.21 | 86.53 | 0.16 | 0.07 | 0.01 | 0.00 | 0.00 | 0.01 | 100.00 |
|  | C\% | 16.21 | 38.96 | 0.06 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 4.79 |
| 1,801-2,000 |  | 32,998 | 24,724 | 32 | 9 | 2 | 1 | 5 | 0 | 57,771 |
|  | $\mathrm{R} \%$ | 57.12 | 42.80 | 0.06 | 0.02 | 0.00 | 0.00 | 0.01 | 0.00 | 100.00 |
|  | C\% | 62.80 | 17.26 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.29 |
| TOTAL |  | 52,546 | 143,205 | 172,043 | 203,290 | 194,398 | 179,482 | 250,881 | 149,806 | 1,345,651 |
|  | R\% | 3.90 | 10.64 | 12.79 | 15.11 | 14.45 | 13.34 | 18.64 | 11.13 | 100.00 |
|  | C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 4-C
distribution of pell grant recipients STUDENT AID INDEX AND GRANT LEVEL INDEPENDENT RECIPIENTS - AWARD YEAR 1988-89

GRANT LEVEL


# Table 5 <br> Distribution of Pell Grant Recipients By Student Aid Index and Type of Institution 

Award Period 1988-89

5A - Total
5B - Dependent
5C - Independent

Tables $5 \mathrm{~A}, 5 \mathrm{~B}$, and 5 C show the distribution of Pell Grant recipients by Student Aid Index (SAl) and type of institution attended, first for all recipients, then for dependents and independents.

The three tables indicate that institutions participating in the Pell Grant program differed in the numbers of students they attracted, and in the relative proportions of independent and dependent students enrolied. Approximately half of the Pell Grant recipients in 1988-89 (50 percent) attended schoois where the educational program was less than 4 years in duration. These schools are typically 2 year community colleges and vocational/technical institutions offering courses less than 2 years in length. independents in these schools outnumbered dependents almost three to one ( 73 percent to 27 percent), while independents as a whole outnumbered dependents by a considerably smaller margin ( 58 percent to 42 percent).

In contrast, the recipient population enrolled in schools offering programs of at least 4 years in length tended to be mostly dependent ( 57 percent dependent versus 43 percent independent). Schools in this category are primarily large state universities and 4 year colleges offering a baccalaureate degree.

A comparison with 1987-88 data shows that the Pell Grant program experienced a 15 percent increase in the number of recipients attending postsecondary institutions offering programs of 4 or more years. This is considerably more than the overall 11 percent increase in the number of Pell Grant recipients. In 1987-88, 1.4 million recipients ( 48 percent) were enrolled in schools offering programs at least 4 years in duration; in 1988-89; the number had increased to 1.6 million ( 50 percent). The number of recipients at institutions offering programs less than 4 years in length rose by 7 percent from 1.5 million to 1.6 million, but this represented a proportional decline in their numbers from nearly 52 percent to about 50 percent.

Table 5 also indicates that the financial strength of recipients as measured by the SAl varied substantially by institutional type. Schools offering programs lasting 4 years or more, for example, were less likely to attract students with zero SAls than schools with shorter programs. Students with zero SAls comprised 44 percent of the recipient pool at 4 year or more institutions and 63 percent of the recipients attending schools with programs of 3 years or less in length.

TABLE 5-A
DISTRIBUTION OF PELL GRANT RECIPIENTS BY STUDENT AID INDEX AND TYPE OF INSTITUTION

ALL RECIPIENTS - AWARD YEAR 1988-89
TYPE OF INSTITUTION


| 0 |  | 484,488 | 213,909 | 7,176 | 594,692 | 218,658 | 196,736 | 0 | 1,715,659 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | R\% | 28.24 | 12.47 | 0.42 | 34.66 | 12.74 | 11.47 | 0.00 | 100.00 |
|  | C\% | 43.12 | 45.45 | 51.04 | 58.24 | 73.89 | 72.02 | 0.00 | 53.64 |
| 1-200 |  | 114,607 | 45,538 | 1,134 | 88,651 | 18,302 | 17,545 | 0 | 285,777 |
|  | R\% | 40.10 | 15.93 | 0.40 | 31.02 | 6.40 | 6.14 | 0.00 | 100.00 |
|  | C\% | 10.20 | 9.68 | 8.07 | 8.68 | 6.18 | 6.42 | 0.00 | 8.94 |
| 201-400 |  | 80,996 | 33,404 | 946 | 67,656 | 13,510 | 13,245 | 0 | 209,757 |
|  | R\% | 38.61 | 15.93 | 0.45 | 32.25 | 6.44 | 6.31 | 0.00 | 100.00 |
|  | C\% | 7.21 | 7.10 | 6.73 | 6.63 | 4.57 | 4.85 | 0.00 | 6.56 |
| 401-600 |  | 74,065 | 30,481 | 842 | 56,793 | 10,390 | 10,359 | 0 | 182,930 |
|  | R\% | 40.49 | 16.66 | 0.46 | 31.05 | 5.68 | 5.66 | 0.00 | 100.00 |
|  | C\% | 6.59 | 6.48 | 5.99 | 5.56 | 3.51 | 3.79 | 0.00 | 5.72 |
| 601-800 |  | 65,214 | 26,241 | 720 | 46,330 | 7,832 | 8,094 | 0 | 154,431 |
|  | R\% | 42.23 | 16.99 | 0.47 | 30.00 | 5.07 | 5.24 | 0.00 | 100.00 |
|  | C\% | 5.80 | 5.58 | 5.12 | 4.54 | 2.65 | 2.96 | 0.00 | 4.83 |
| 801-1,000 |  | 61,944 | 25,167 | 701 | 40,751 | 6,894 | 6,843 | 0 | 142,300 |
|  | R\% | 43.53 | 17.69 | 0.49 | 28.64 | 4.84 | 4.81 | 0.00 | 100.00 |
|  | C\% | 5.51 | 5.35 | 4.99 | 3.99 | 2.33 | 2.51 | 0.00 | 4.45 |
| 1,001 - 1,200 |  | 59,023 | 23,275 | 674 | 35,875 | 5,891 | 5,763 | 0 | 130,501 |
|  | R\% | 45.23 | 17.84 | 0.52 | 27.49 | 4.51 | 4.42 | 0.00 | 100.00 |
|  | C\% | 5.25 | 4.95 | 4.79 | 3.51 | 1.99 | 2.11 | 0.00 | 4.08 |
| 1,201 - 1,400 |  | 50,419 | 20,152 | 564 | 27,539 | 4,259 | 4,358 | 0 | 107,291 |
|  | R\% | 46.99 | 18.78 | 0.53 | 25.67 | 3.97 | 4.06 | 0.00 | 100.00 |
|  | C\% | 4.49 | 4.28 | 4.01 | 2.70 | 1.44 | 1.60 | 0.00 | 3.35 |
| 1,401-1,600 |  | 47,552 | 18,956 | 466 | 24,793 | 3,833 | 3,965 | 0 | 99,565 |
|  | R\% | 47.76 | 19.04 | 0.47 | 24.90 | 3.85 | 3.98 | 0.00 | 100.00 |
|  | C\% | 4.23 | 4.03 | 3.31 | 2.43 | 1.30 | 1.45 | 0.00 | 3.11 |
| 1,601 - 1,800 |  | 45,205 | 17,823 | 455 | 21,708 | 3,433 | 3,452 | 0 | 92,076 |
|  | R\% | 49.10 | 19.36 | 0.49 | 23.58 | 3.73 | 3.75 | 0.00 | 100.00 |
|  | C\% | 4.02 | 3.79 | 3.24 | 2.13 | 1.16 | 1.26 | 0.00 | 2.88 |
| 1,801 - 2,000 |  | 39,945 | 15,681 | 381 | 16,253 | 2,923 | 2,808 | 0 | 77,991 |
|  | R\% | 51.22 | 20.11 | 0.49 | 20.84 | 3.75 | 3.60 | 0.00 | 100.00 |
|  | C\% | 3.56 | 3.33 | 2.71 | 1.59 | 0.99 | 1.03 | 0.00 | 2.44 |
| TOTAL |  | 1,123,458 | 470,627 | 14,059 | 1,021,041 | 295,925 | 273,168 | 0 | 3,198,278 |
|  | R\% | 35.13 | 14.72 | 0.44 | 31.92 | 9.25 | 8.54 | 0.00 | 100.00 |
|  | C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |

TABLE 5-B
DISTRIBUTION OF PELL GRANT RECIPIENTS BY STUDENT AID INDEX AND TYPE OF INSTITUTION DEPENDENT RECIPIENTS - AWARD YEAR 1988-89

TYPE OF INSTITUTION

|  | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STUDENT AID INDEX | 5 YEARS OR MORE | 4 YEAR NO GRADUATE | 3 YEARS BUT <br> LESS THAN FOUR YEARS | $\begin{array}{r} 2 \text { YEARS BUT } \\ \text { LESS THAN } \\ \text { THREE YEARS } \end{array}$ | 1 YEAR BUT LESS THAN TWO YEARS | 6 MONTHS BUT LESS THAN ONE YEAR | OTHER | TOTAL |
| 0 | 169,322 | 73,341 | 1,227 | 122,000 | 39,421 | 28,967 | 0 | 434,278 |
| R\% | 38.99 | 16.89 | 0.28 | 28.09 | 9.08 | 6.67 | 0.00 | 100.00 |
| C\% | 26.04 | 28.59 | 27.88 | 38.22 | 61.68 | 56.37 | 0.00 | 32.27 |
| 1-200 | 86,211 | 31,825 | 525 | 40,142 | 5,618 | 4,818 | 0 | 169,139 |
| $\mathrm{R} \%$ | 50.97 | 18.82 | 0.31 | 23.73 | 3.32 | 2.85 | 0.00 | 100.00 |
| C\% | 13.26 | 12.41 | 11.93 | 12.57 | 8.79 | 9.38 | 0.00 | 12.57 |
| 201-400 | 55,993 | 21,337 | 361 | 26,452 | 3,783 | 3,443 | 0 | 111,369 |
| R\% | 50.28 | 19.16 | 0.32 | 23.75 | 3.40 | 3.09 | 0.00 | 100.00 |
| C\% | 8.61 | 8.32 | 8.20 | 8.29 | 5.92 | 6.70 | 0.00 | 8.28 |
| 401-600 | 52,524 | 20,262 | 336 | 23,689 | 3,093 | 2,869 | 0 | 102,773 |
| R\% | 51.11 | 19.72 | 0.33 | 23.05 | 3.01 | 2.79 | 0.00 | 100.00 |
| C\% | 8.08 | 7.90 | 7.63 | 7.42 | 4.84 | 5.58 | 0.00 | 7.64 |
| 601-800 | 47,569 | 18,185 | 286 | 20,707 | 2,453 | 2,404 | 0 | 91,604 |
| R\% | 51.93 | 19.85 | 0.31 | 22.60 | 2.68 | 2.62 | 0.00 | 100.00 |
| C\% | 7.32 | 7.09 | 6.50 | 6.49 | 3.84 | 4.68 | 0.00 | 6.81 |
| 801-1,000 | 46,544 | 17,972 | 322 | 19,375 | 2,256 | 2,085 | 0 | 88,554 |
| R\% | 52.56 | 20.29 | 0.36 | 21.88 | 2.55 | 2.35 | 0.00 | 100.00 |
| C\% | 7.16 | 7.01 | 7.32 | 6.07 | 3.53 | 4.06 | 0.00 | 6.58 |
| 1,001 - 1,200 | 45,428 | 17,061 | 341 | 17,940 | 2,033 | 1,840 | 0 | 84,643 |
| R\% | 53.67 | 20.16 | 0.40 | 21.19 | 2.40 | 2.17 | 0.00 | 100.00 |
| C\% | 6.99 | 6.65 | 7.75 | 5.62 | 3.18 | 3.58 | 0.00 | 6.29 |
| 1,201 - 1,400 | 39,382 | 15,295 | 302 | 14,489 | 1,577 | 1,509 | 0 | 72,554 |
| R\% | 54.28 | 21.08 | 0.42 | 19.97 | 2.17 | 2.08 | 0.00 | 100.00 |
| C\% | 6.06 | 5.96 | 6.86 | 4.54 | 2.47 | 2.94 | 0.00 | 5.39 |
| 1,401 - 1,600 | 37,769 | 14,560 | 231 | 13,273 | 1,359 | 1,294 | 0 | 68,486 |
| R\% | 55.15 | 21.26 | 0.34 | 19.38 | 1.98 | 1.89 | 0.00 | 100.00 |
| C\% | 5.81 | 5.68 | 5.25 | 4.16 | 2.13 | 2.52 | 0.00 | 5.09 |
| 1,601-1,800 | 36,274 | 13,897 | 239 | 11,648 | 1,255 | 1,167 | 0 | 64,480 |
| R\% | 56.26 | 21.55 | 0.37 | 18.06 | 1.95 | 1.81 | 0.00 | 100.00 |
| C\% | 5.58 | 5.42 | 5.43 | 3.65 | 1.96 | 2.27 | 0.00 | 4.79 |
| 1,801 - 2,000 | 33,182 | 12,795 | 231 | 9,507 | 1,064 | 992 | 0 | 57,771 |
| R\% | 57.44 | 22.15 | 0.40 | 16.46 | 1.84 | 1.72 | 0.00 | 100.00 |
| C\% | 5.10 | 4.99 | 5.25 | 2.98 | 1.66 | 1.93 | 0.00 | 4.29 |
| TOTAL | 650,198 | 256,530 | 4,401 | 319,222 | 63,912 | 51,388 | 0 | 1,345,651 |
| R\% | 48.32 | 19.06 | 0.33 | 23.72 | 4.75 | 3.82 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |

TABLE 5-C
DISTRIBUTION OF PELL GRANT RECIPIENTS BY STUDENT AID INDEX AND TYPE OF INSTITUTION INDEPENDENT RECIPIENTS - AWARD YEAR 1988-89

TYPE OF INSTITUTION

|  | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STUDENT AID INDEX | 5 YEARS OR MORE | 4 YEAR NO GRADUATE | 3 YEARS BUT <br> LESS THAN FOUR YEARS | 2 YEARS BUT <br> LESS THAN <br> THREE YEARS | 1 YEAR BUT LESS THAN TWO YEARS | 6 MONTHS BUT LESS THAN ONE YEAR | OTHER | TOTAL |
| 0 | 315,166 | 140,568 | 5,949 | 472,692 | 179,237 | 167,769 | 0 | 1,281,381 |
| R\% | 24.60 | 10.97 | 0.46 | 36.89 | 13.99 | 13.09 | 0.00 | 100.00 |
| C\% | 66.59 | 65.66 | 61.60 | 67.35 | 77.25 | 75.65 | 0.00 | 69.17 |
| 1-200 | 28,396 | 13,713 | 609 | 48,509 | 12,684 | 12,727 | 0 | 116,638 |
| R\% | 24.35 | 11.76 | 0.52 | 41.59 | 10.87 | 10.91 | 0.00 | 100.00 |
| C\% | 6.00 | 6.41 | 6.31 | 6.91 | 5.47 | 5.74 | 0.00 | 6.30 |
| 201-400 | 25,003 | 12,067 | 585 | 41,204 | 9,727 | 9,802 | 0 | 98,388 |
| $\mathrm{R} \%$ | 25.41 | 12.26 | 0.59 | 41.88 | 9.89 | 9.96 | 0.00 | 100.00 |
| C\% | 5.28 | 5.64 | 6.06 | 5.87 | 4.19 | 4.42 | 0.00 | 5.31 |
| 401-600 | 21,541 | 10,219 | 506 | 33,104 | 7,297 | 7,490 | 0 | 80,157 |
| $\mathrm{R} \%$ | 26.87 | 12.75 | 0.63 | 41.30 | 9.10 | 9.34 | 0.00 | 100.00 |
| C\% | 4.55 | 4.77 | 5.24 | 4.72 | 3.15 | 3.38 | 0.00 | 4.33 |
| 601-800 | 17,645 | 8,056 | 434 | 25,623 | 5,379 | 5,690 | 0 | 62,827 |
| $\mathrm{R} \%$ | 28.09 | 12.82 | 0.69 | 40.78 | 8.56 | 9.06 | 0.00 | 100.00 |
| C\% | 3.73 | 3.76 | 4.49 | 3.65 | 2.32 | 2.57 | 0.00 | 3.39 |
| 801-1,000 | 15,400 | 7,195 | 379 | 21,376 | 4,638 | 4,758 | 0 | 53,746 |
| R\% | 28.65 | 13.39 | 0.71 | 39.77 | 8.63 | 8.85 | 0.00 | 100.00 |
| C\% | 3.25 | 3.36 | 3.92 | 3.05 | 2.00 | 2.15 | 0.00 | 2.90 |
| 1,001 - 1,200 | 13,595 | 6,214 | 333 | 17,935 | 3,858 | 3,923 | 0 | 45,858 |
| R\% | 29.65 | 13.55 | 0.73 | 39.11 | 8.41 | 8.55 | 0.00 | 100.00 |
| C\% | 2.87 | 2.90 | 3.45 | 2.56 | 1.66 | 1.77 | 0.00 | 2.48 |
| 1,201-1,400 | 11,037 | 4,857 | 262 | 13,050 | 2,682 | 2,849 | 0 | 34,737 |
| R\% | 31.77 | 13.98 | 0.75 | 37.57 | 7.72 | 8.20 | 0.00 | 100.00 |
| C\% | 2.33 | 2.27 | 2.71 | 1.86 | 1.16 | 1.28 | 0.00 | 1.88 |
| 1,401-1,600 | 9,783 | 4,396 | 235 | 11,520 | 2,474 | 2,671 | 0 | 31,079 |
| $\mathrm{R} \%$ | 31.48 | 14.14 | 0.76 | 37.07 | 7.96 | 8.59 | 0.00 | 100.00 |
| C\% | 2.07 | 2.05 | 2.43 | 1.64 | 1.07 | 1.20 | 0.00 | 1.68 |
| 1,601-1,800 | 8,931 | 3,926 | 216 | 10,060 | 2,178 | 2,285 | 0 | 27,596 |
| R\% | 32.36 | 14.23 | 0.78 | 36.45 | 7.89 | 8.28 | 0.00 | 100.00 |
| C\% | 1.89 | 1.83 | 2.24 | 1.43 | 0.94 | 1.03 | 0.00 | 1.49 |
| 1,801 - 2,000 | 6,763 | 2,886 | 150 | 6,746 | 1,859 | 1,816 | 0 | 20,220 |
| R\% | 33.45 | 14.27 | 0.74 | 33.36 | 9.19 | 8.98 | 0.00 | 100.00 |
| C\% | 1.43 | 1.35 | 1.55 | 0.96 | 0.80 | 0.82 | 0.00 | 1.09 |
| TOTAL | 473,260 | 214,097 | 9,658 | 701,819 | 232,013 | 221,780 | 0 | 1,852,627 |
| $\mathrm{R} \%$ | 25.55 | 11.56 | 0.52 | 37.88 | 12.52 | 11.97 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |

# Table 6 <br> Distribution of Pell Grant Recipients By Family Income and Type of Institution 

Award Period 1988-89
6A - Total
6B - Dependent
6C - Independent

Tables 6A, 6B, and 6C show the distribution of Pell Grant recipients by family income and type of institution attended. Table 6A shows the distribution for all recipients; Tables 6B and 6C present the same data for dependents and independents, respectively. As in Table 2, family income for these tables is defined as the sum of the parents' (for dependents) or student's (for independents) 1987 taxable and nontaxable income, plus one-half of certain Veteran's benefits.

Because family income is highly correlated with the Student Aid Index (SAI), the data in these tables are very similar to that presented in

Table 5. Compared with institutions offering programs 3 years and less in length, schools offering more lengthy programs ( 4 years and more) tended to attract recipients with higher SAls and higher incomes. For example, the three tables show that 64 percent of recipients with incomes over $\$ 15,000$ attended schools in the 4 year or more category. Most of this group (84 percent) were dependent. Only 41 percent of recipients reporting incomes of $\$ 6,000$ and less were enrolled in this type of school. Approximately three-fourths ( 73 percent) of this lower income group were independent.

TABLE 6-A

## DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND TYPE OF INSTITUTION ALL RECIPIENTS - AWARD YEAR 1988-89

|  | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FAMILY INCOME | 5 YEARS OR MORE | 4 YEAR NO GRADUATE | 3 YEARS BUT LESS THAN FOUR YEARS | 2 YEARS BUT LESS THAN THREE YEARS | 1 YEAR BUT LESS THAN TWO YEARS | 6 MONTHS BUT LESS THAN ONE YEAR | OTHER | TOTAL |
| LESS THAN \$1,001 | 72,848 | 31,615 | 779 | 78,692 | 19,748 | 18,348 | 0 | 222,030 |
| R\% | 32.81 | 14.24 | 0.35 | 35.44 | 8.89 | 8.26 | 0.00 | 100.00 |
| C\% | 6.48 | 6.72 | 5.54 | 7.71 | 6.67 | 6.72 | 0.00 | 6.94 |
| \$1,001 - 3,000 | 92,974 | 37,149 | 1,114 | 104,085 | 49,215 | 40,263 | 0 | 324,800 |
| R\% | 28.63 | 11.44 | 0.34 | 32.05 | 15.15 | 12.40 | 0.00 | 100.00 |
| C\% | 8.28 | 7.89 | 7.92 | 10.19 | 16.63 | 14.74 | 0.00 | 10.16 |
| \$3,001 - 6,000 | 187,491 | 79,715 | 3,152 | 224,748 | 90,933 | 82,506 | 0 | 668,545 |
| R\% | 28.04 | 11.92 | 0.47 | 33.62 | 13.60 | 12.34 | 0.00 | 100.00 |
| C\% | 16.69 | 16.94 | 22.42 | 22.01 | 30.73 | 30.20 | 0.00 | 20.90 |
| \$6,001-9,000 | 156,517 | 66,107 | 2,485 | 177,804 | 51,982 | 51,039 | 0 | 505,934 |
| R\% | 30.94 | 13.07 | 0.49 | 35.14 | 10.27 | 10.09 | 0.00 | 100.00 |
| C\% | 13.93 | 14.05 | 17.68 | 17.41 | 17.57 | 18.68 | 0.00 | 15.82 |
| \$9,001 - 15,000 | 192,614 | 81,804 | 2,416 | 188,018 | 44,040 | 42,732 | 0 | 551,624 |
| R\% | 34.92 | 14.83 | 0.44 | 34.08 | 7.98 | 7.75 | 0.00 | 100.00 |
| C\% | 17.14 | 17.38 | 17.18 | 18.41 | 14.88 | 15.64 | 0.00 | 17.25 |
| \$15,001 - 20,000 | 135,138 | 56,896 | 1,553 | 103,332 | 18,980 | 18,276 | 0 | 334,175 |
| R\% | 40.44 | 17.03 | 0.46 | 30.92 | 5.68 | 5.47 | 0.00 | 100.00 |
| C\% | 12.03 | 12.09 | 11.05 | 10.12 | 6.41 | 6.69 | 0.00 | 10.45 |
| \$20,001 - 30,000 | 194,105 | 81,348 | 1,982 | 115,635 | 18,239 | 17,413 | 0 | 428,722 |
| R\% | 45.28 | 18.97 | 0.46 | 26.97 | 4.25 | 4.06 | 0.00 | 100.00 |
| C\% | 17.28 | 17.28 | 14.10 | 11.33 | 6.16 | 6.37 | 0.00 | 13.40 |
| \$30,001 + | 91,776 | 35,995 | 578 | 28,728 | 2,788 | 2,591 | 0 | 162,456 |
| R\% | 56.49 | 22.16 | 0.36 | 17.68 | 1.72 | 1.59 | 0.00 | 100.00 |
| C\% | 8.17 | 7.65 | 4.11 | 2.81 | 0.94 | 0.95 | 0.00 | 5.08 |
| TOTAL | 1,123,463 | 470,629 | 14,059 | 1,021,042 | 295,925 | 273,168 | 0 | 3,198,286 |
| R\% | 35.13 | 14.72 | 0.44 | 31.92 | 9.25 | 8.54 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |

TABLE 6-B
DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND TYPE OF INSTITUTION DEPENDENT RECIPIENTS - AWARD YEAR 1988-89

TYPE OF INSTITUTION

|  | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FAMILY INCOME | 5 YEARS OR MORE | 4 YEAR NO GRADUATE | 3 YEARS BUT LESS THAN FOUR YEARS | 2 YEARS BUT LESS THAN THREE YEARS | 1 YEAR BUT LESS THAN TWO YEARS | 6 MONTHS BUT LESS THAN ONE YEAR | OTHER | TOTAL |
| LESS THAN \$1,001 | 19,187 | 6,199 | 128 | 9,015 | 1,544 | 1,153 | 0 | 37,226 |
| R\% | 51.54 | 16.65 | 0.34 | 24.22 | 4.15 | 3.10 | 0.00 | 100.00 |
| C\% | 2.95 | 2.42 | 2.91 | 2.82 | 2.42 | 2.24 | 0.00 | 2.77 |
| \$1,001 - 3,000 | 20,989 | 8,597 | 136 | 14,560 | 6,029 | 3,747 | 0 | 54,058 |
| R\% | 38.83 | 15.90 | 0.25 | 26.93 | 11.15 | 6.93 | 0.00 | 100.00 |
| C\% | 3.23 | 3.35 | 3.09 | 4.56 | 9.43 | 7.29 | 0.00 | 4.02 |
| \$3,001 - 6,000 | 54,477 | 24,670 | 430 | 39,732 | 14,817 | 10,066 | 0 | 144,192 |
| R\% | 37.78 | 17.11 | 0.30 | 27.55 | 10.28 | 6.98 | 0.00 | 100.00 |
| C\% | 8.38 | 9.62 | 9.77 | 12.45 | 23.18 | 19.59 | 0.00 | 10.72 |
| \$6,001-9,000 | 63,095 | 26,272 | 468 | 41,303 | 11,095 | 8,777 | 0 | 151,010 |
| R\% | 41.78 | 17.40 | 0.31 | 27.35 | 7.35 | 5.81 | 0.00 | 100.00 |
| C\% | 9.70 | 10.24 | 10.63 | 12.94 | 17.36 | 17.08 | 0.00 | 11.22 |
| \$9,001 - 15,000 | 130,884 | 50,978 | 932 | 74,468 | 13,529 | 11,866 | 0 | 282,657 |
| R\% | 46.30 | 18.04 | 0.33 | 26.35 | 4.79 | 4.20 | 0.00 | 100.00 |
| C\% | 20.13 | 19.87 | 21.18 | 23.33 | 21.17 | 23.09 | 0.00 | 21.01 |
| \$15,001 - 20,000 | 108,268 | 41,636 | 762 | 51,713 | 7,142 | 6,677 | 0 | 216,198 |
| R\% | 50.08 | 19.26 | 0.35 | 23.92 | 3.30 | 3.09 | 0.00 | 100.00 |
| C\% | 16.65 | 16.23 | 17.31 | 16.20 | 11.17 | 12.99 | 0.00 | 16.07 |
| \$20,001 - 30,000 | 166,288 | 65,226 | 1,111 | 66,461 | 7,999 | 7,432 | 0 | 314,517 |
| R\% | 52.87 | 20.74 | 0.35 | 21.13 | 2.54 | 2.36 | 0.00 | 100.00 |
| C\% | 25.57 | 25.43 | 25.24 | 20.82 | 12.52 | 14.46 | 0.00 | 23.37 |
| \$30,001 + | 87,014 | 32,953 | 434 | 21,970 | 1,757 | 1,670 | 0 | 145,798 |
| R\% | 59.68 | 22.60 | 0.30 | 15.07 | 1.21 | 1.15 | 0.00 | 100.00 |
| C\% | 13.38 | 12.85 | 9.86 | 6.88 | 2.75 | 3.25 | 0.00 | 10.83 |
| TOTAL | 650,202 | 256,531 | 4,401 | 319,222 | 63,912 | 51,388 | 0 | 1,345,656 |
| R\% | 48.32 | 19.06 | 0.33 | 23.72 | 4.75 | 3.82 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |

TABLE 6-C

## DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND TYPE OF INSTITUTION INDEPENDENT RECIPIENTS - AWARD YEAR 1988-89

TYPE OF INSTITUTION

| FAMILY INCOME | 5 YEARS OR MORE | 4 YEAR NO GRADUATE | 3 YEARS BUT <br> LESS THAN FOUR YEARS | 2 YEARS BUT <br> LESS THAN <br> THREE YEARS | 1 YEAR BUT LESS THAN TWO YEARS | 6 MONTHS BUT LESS THAN ONE YEAR | OTHER | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LESS THAN \$1,001 | 53,661 | 25,416 | 651 | 69,677 | 18,204 | 17,195 | 0 | 184,804 |
| R\% | 29.04 | 13.75 | 0.35 | 37.70 | 9.85 | 9.30 | 0.00 | 100.00 |
| C\% | 11.34 | 11.87 | 6.74 | 9.93 | 7.85 | 7.75 | 0.00 | 9.98 |
| \$1,001 - 3,000 | 71,985 | 28,552 | 978 | 89,525 | 43,186 | 36,516 | 0 | 270,742 |
| R\% | 26.59 | 10.55 | 0.36 | 33.07 | 15.95 | 13.49 | 0.00 | 100.00 |
| C\% | 15.21 | 13.34 | 10.13 | 12.76 | 18.61 | 16.46 | 0.00 | 14.61 |
| \$3,001 - 6,000 | 133,014 | 55,045 | 2,722 | 185,016 | 76,116 | 72,440 | 0 | 524,353 |
| R\% | 25.37 | 10.50 | 0.52 | 35.28 | 14.52 | 13.82 | 0.00 | 100.00 |
| C\% | 28.11 | 25.71 | 28.18 | 26.36 | 32.81 | 32.66 | 0.00 | 28.30 |
| \$6,001 - 9,000 | 93,422 | 39,835 | 2,017 | 136,501 | 40,887 | 42,262 | 0 | 354,924 |
| R\% | 26.32 | 11.22 | 0.57 | 38.46 | 11.52 | 11.91 | 0.00 | 100.00 |
| C\% | 19.74 | 18.61 | 20.88 | 19.45 | 17.62 | 19.06 | 0.00 | 19.16 |
| \$9,001 - 15,000 | 61,730 | 30,826 | 1,484 | 113,550 | 30,511 | 30,866 | 0 | 268,967 |
| R\% | 22.95 | 11.46 | 0.55 | 42.22 | 11.34 | 11.48 | 0.00 | 100.00 |
| C\% | 13.04 | 14.40 | 15.37 | 16.18 | 13.15 | 13.92 | 0.00 | 14.52 |
| \$15,001 - 20,000 | 26,870 | 15,260 | 791 | 51,619 | 11,838 | 11,599 | 0 | 117,977 |
| R\% | 22.78 | 12.93 | 0.67 | 43.75 | 10.03 | 9.83 | 0.00 | 100.00 |
| C\% | 5.68 | 7.13 | 8.19 | 7.36 | 5.10 | 5.23 | 0.00 | 6.37 |
| \$20,001 - 30,000 | 27,817 | 16,122 | 871 | 49,174 | 10,240 | 9,981 | 0 | 114,205 |
| R\% | 24.36 | 14.12 | 0.76 | 43.06 | 8.97 | 8.74 | 0.00 | 100.00 |
| C\% | 5.88 | 7.53 | 9.02 | 7.01 | 4.41 | 4.50 | 0.00 | 6.16 |
| \$30,001 + | 4,762 | 3,042 | 144 | 6,758 | 1,031 | 921 | 0 | 16,658 |
| R\% | 28.59 | 18.26 | 0.86 | 40.57 | 6.19 | 5.53 | 0.00 | 100.00 |
| C\% | 1.01 | 1.42 | 1.49 | 0.96 | 0.44 | 0.42 | 0.00 | 0.90 |
| TOTAL | 473,261 | 214,098 | 9,658 | 701,820 | 232,013 | 221,780 | 0 | 1,852,630 |
| R\% | 25.55 | 11.56 | 0.52 | 37.88 | 12.52 | 11.97 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |

## Table 7

# Distribution of Pell Grant Recipients By Student Aid Index and Educational Cost 

Award Period 1988-89

7A - Total<br>7B - Dependent<br>7C - Independent

Tables 7A, 7B, and 7C show the distribution of Pell Grant recipients by Student Aid Index (SAI) and educational cost. Table 7A shows the distribution for all recipients; Tables 7B and 7C present the same breakout for dependents and independents, respectively.

The Higher Education Amendments of 1986 established a new cost of attendance provision for the Pell Grant program. Beginning with the 1988-89 award year, a student's educational cost for Pell- award purposes includes the student's tuition and fees, plus the costs of books, supplies, transportation and miscellaneous expenses within established limits. Beginning with the 1988-89 year, these limits, exclusive of tuition and fees, are $\$ 1,700$ for students without dependents residing at home with parents; or $\$ 2,300$ for all other students enrolled at least half time. Also inctuded are additional allowances such as provisions for child care (up to $\$ 1,000$ ) and costs of special services or equipment required by handicapped students for attendance that are not provided by other assisting agencies. Because of this cost of attendance structure, as Table 7A indicates, few recipients had costs below $\$ 1,800$. The recipients in this very low cost group were most likely incarcerated or students taking correspondence courses. The room, board, books, and supplies allowances for these two
groups were often set at less generous levels by institutions.

Table 7A shows that a majority of students had costs in the higher ranges for Pell Grant awarding purposes. For example, almost three of every four recipients ( 74 percent) attended schools where costs were greater than $\$ 3,300$; with 59 percent attending schools with costs at or above the maximum cost for Pell purposes of $\$ 3,700$. Relatively few ( 6 percent) had costs of $\$ 2,400$ or less.

Tables 7B and 7C indicate that there was little difference in the educational costs of dependents and independents. For example, 70 percent of dependents and 76 percent of independents had costs greater than $\$ 3,300$. Costs for dependents averaged $\$ 4,806$ in 1988-89; the average cost for independents was $\$ 4,643$ (not shown in table).

Figure 6 depicts the distribution of educational costs overall and by dependency status. It clearly shows that the large majority of recipients had educational costs of $\$ 3,300$ or more.

A comparison with $1987-88$ data indicates a modest increase in costs for Pell Grant recipients. Average costs increased by 5 percent
between the 2 years, from $\$ 4,480$ to $\$ 4,712$. However, recipients in the high cost ranges represented a greater percentage of the total in 1988-89. For example, recipients with costs greater than $\$ 3,300$ comprised 65 percent of all recipients in $1987-88$ and 74 percent in 1988-89.

Table 7A also shows no clear relationship between cost and SAl level. For example, the proportion of recipients attending higher cost schools does not vary greatly by SAl level. About 74 percent of the zero SAI recipients attended
institutions with educational costs over $\$ 3,300$, as did 74 percent of the recipients with indexes between 1 and 1,400 and 77 percent of recipients with SAls over 1,400. Neither does the percentage of recipients attending lower cost schools vary greatly by SAI. Nearly 7 percent of the zero SAI recipients were enrolled in schools with costs less than $\$ 2,400$ as compared to 6 percent of the recipients with indexes between 1 and 1,400 and 4 percent of recipients with SAls over 1,400.

Figure 6
Distribution of Pell Grant Recipients By Educational Cost
Award Year 1988-89


DISTRIBUTION OF PELL GRANT RECIPIENTS BY STUDENT AID INDEX AND EDUCATIONAL COST

ALL RECIPIENTS - AWARD YEAR 1988-89

|  | EDUCATIONAL COST |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STUDENT AID INDEX | $\begin{gathered} \text { UNDER } \\ \$ 400 \end{gathered}$ | $\begin{gathered} \$ 400- \\ 1,500 \end{gathered}$ | $\begin{gathered} \text { \$1,501 - } \\ \text { 1,800 } \end{gathered}$ | $\begin{gathered} \$ 1,801-1 \\ 2,100 \end{gathered}$ | $\begin{gathered} \text { \$2,101 - } \\ \text { 2,400 } \end{gathered}$ | $\begin{gathered} \text { \$2,401 - } \\ \text { 2,700 } \end{gathered}$ | $\begin{gathered} \$ 2,701- \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001- \\ 3,300 \end{gathered}$ | $\begin{gathered} \$ 3,301 ~-~ \\ 3,700 \end{gathered}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,700 \end{aligned}$ | TOTAL |
| 0 | 375 | 7,215 | 17,074 | 15,762 | 76,333 | 53,846 | 134,151 | 134,681 | 250,563 | 1,025,659 | 1,715,659 |
| R\% | 0.02 | 0.42 | 1.00 | 0.92 | 4.45 | 3.14 | 7.82 | 7.85 | 14.60 | 59.78 | 100.00 |
| C\% | 98.68 | 96.51 | 63.65 | 53.18 | 54.65 | 49.68 | 52.89 | 50.12 | 50.94 | 54.80 | 53.64 |
| 1-200 | 0 | 91 | 2,853 | 3,114 | 13,674 | 10,955 | 24,113 | 25,177 | 46,472 | 159,328 | 285,777 |
| R\% | 0.00 | 0.03 | 1.00 | 1.09 | 4.78 | 3.83 | 8.44 | 8.81 | 16.26 | 55.75 | 100.00 |
| C\% | 0.00 | 1.22 | 10.64 | 10.51 | 9.79 | 10.11 | 9.51 | 9.37 | 9.45 | 8.51 | 8.94 |
| 201-400 | 0 | 48 | 1,892 | 2,222 | 9,647 | 8,005 | 18,650 | 18,999 | 33,916 | 116,378 | 209,757 |
| R\% | 0.00 | 0.02 | 0.90 | 1.06 | 4.60 | 3.82 | 8.89 | 9.06 | 16.17 | 55.48 | 100.00 |
| C\% | 0.00 | 0.64 | 7.05 | 7.50 | 6.91 | 7.39 | 7.35 | 7.07 | 6.90 | 6.22 | 6.56 |
| 401-600 | 1 | 55 | 1,361 | 1,953 | 8,052 | 6,883 | 16,060 | 16,721 | 29,769 | 102,075 | 182,930 |
| R\% | 0.00 | 0.03 | 0.74 | 1.07 | 4.40 | 3.76 | 8.78 | 9.14 | 16.27 | 55.80 | 100.00 |
| C\% | 0.26 | 0.74 | 5.07 | 6.59 | 5.76 | 6.35 | 6.33 | 6.22 | 6.05 | 5.45 | 5.72 |
| 601-800 | 1 | 42 | 1,052 | 1,598 | 6,915 | 5,780 | 12,881 | 13,980 | 25,308 | 86,874 | 154,431 |
| R\% | 0.00 | 0.03 | 0.68 | 1.03 | 4.48 | 3.74 | 8.34 | 9.05 | 16.39 | 56.25 | 100.00 |
| C\% | 0.26 | 0.56 | 3.92 | 5.39 | 4.95 | 5.33 | 5.08 | 5.20 | 5.15 | 4.64 | 4.83 |
| 801-1,000 | 0 | 10 | 896 | 1,362 | 6,333 | 5,392 | 11,220 | 12,908 | 23,208 | 80,971 | 142,300 |
| R\% | 0.00 | 0.01 | 0.63 | 0.96 | 4.45 | 3.79 | 7.88 | 9.07 | 16.31 | 56.90 | 100.00 |
| C\% | 0.00 | 0.13 | 3.34 | 4.60 | 4.53 | 4.97 | 4.42 | 4.80 | 4.72 | 4.33 | 4.45 |
| 1,001-1,200 | 1 | 8 | 747 | 1,241 | 5,367 | 4,783 | 10,098 | 11,931 | 21,286 | 75,039 | 130,501 |
| R\% | 0.00 | 0.01 | 0.57 | 0.95 | 4.11 | 3.67 | 7.74 | 9.14 | 16.31 | 57.50 | 100.00 |
| C | 0.26 | 0.11 | 2.78 | 4.19 | 3.84 | 4.41 | 3.98 | 4.44 | 4.33 | 4.01 | 4.08 |
| 1,201-1,400 | 0 | 3 | 544 | 886 | 4,110 | 3,842 | 7,958 | 9,869 | 17,518 | 62,561 | 107,291 |
| R\% | 0.00 | 0.00 | 0.51 | 0.83 | 3.83 | 3.58 | 7.42 | 9.20 | 16.33 | 58.31 | 100.00 |
| C\% | 0.00 | 0.04 | 2.03 | 2.99 | 2.94 | 3.54 | 3.14 | 3.67 | 3.56 | 3.34 | 3.35 |
| 1,401-1,600 | 0 | 3 | 399 | 777 | 3,803 | 3,391 | 7,148 | 9,206 | 16,206 | 58,632 | 99,565 |
| R\% | 0.00 | 0.00 | 0.40 | 0.78 | 3.82 | 3.41 | 7.18 | 9.25 | 16.28 | 58.89 | 100.00 |
| C | 0.00 | 0.04 | 1.49 | 2.62 | 2.72 | 3.13 | 2.82 | 3.43 | 3.29 | 3.13 | 3.11 |
| 1,601-1,800 | 1 | 1 | 4 | 589 | 3,215 | 3,095 | 6,469 | 8,250 | 14,972 | 55,480 | 92,076 |
| R\% | 0.00 | 0.00 | 0.00 | 0.64 | 3.49 | 3.36 | 7.03 | 8.96 | 16.26 | 60.25 | 100.00 |
| C\% | 0.26 | 0.01 | 0.01 | 1.99 | 2.30 | 2.86 | 2.55 | 3.07 | 3.04 | 2.96 | 2.88 |
| 1,801 - 2,000 | 1 | 0 | 4 | 133 | 2,239 | 2,411 | 4,883 | 6,974 | 12,638 | 48,708 | 77,991 |
| R\% | 0.00 | 0.00 | 0.01 | 0.17 | 2.87 | 3.09 | 6.26 | 8.94 | 16.20 | 62.45 | 100.00 |
| C\% | 0.26 | 0.00 | 0.01 | 0.45 | 1.60 | 2.22 | 1.93 | 2.60 | 2.57 | 2.60 | 2.44 |
| TOTAL | 380 | 7,476 | 26,826 | 29,637 | 139,688 | 108,383 | 253,631 | 268,696 | 491,856 | 1,871,705 | 3,198,278 |
| R\% | 0.01 | 0.23 | 0.84 | 0.93 | 4.37 | 3.39 | 7.93 | 8.40 | 15.38 | 58.52 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

DISTRIBUTION OF PELL GRANT RECIPIENTS BY STUDENT AID INDEX AND EDUCATIONAL COST DEPENDENT RECIPIENTS - AWARD YEAR 1988-89


DISTRIBUTION OF PELL GRANT RECIPIENTS
BY STUDENT AID INDEX AND EDUCATIONAL COST
INDEPENDENT RECIPIENTS - AWARD YEAR 1988-89
EDUCATIONAL COST

|  | EDUCATIONAL COST |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STUDENT AID INDEX | $\begin{gathered} \text { UNDER } \\ \$ 400 \end{gathered}$ | $\begin{aligned} & \$ 400- \\ & 1,500 \end{aligned}$ | $\begin{gathered} \text { \$1,501 - } \\ \text { 1,800 } \end{gathered}$ | $\begin{gathered} \text { \$1,801 - } \\ \text { 2,100 } \end{gathered}$ | $\begin{gathered} \$ 2,101- \\ 2,400 \end{gathered}$ | $\begin{array}{r} \$ 2,401- \\ 2,700 \end{array}$ | $\begin{array}{r} \$ 2,701- \\ 3,000 \end{array}$ | $\begin{gathered} \$ 3,001- \\ 3,300 \end{gathered}$ | $\begin{gathered} \$ 3,301- \\ 3,700 \end{gathered}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,700 \end{aligned}$ | TOTAL |
| 0 | 373 | 6,999 | 5,323 | 5,874 | 42,965 | 35,359 | 90,191 | 106,025 | 182,135 | 806,137 | 1,281,381 |
| R\% | 0.03 | 0.55 | 0.42 | 0.46 | 3.35 | 2.76 | 7.04 | 8.27 | 14.21 | 62.91 | 100.00 |
| C\% | 100.00 | 98.01 | 85.85 | 74.66 | 72.74 | 63.23 | 63.67 | 66.54 | 65.68 | 70.85 | 69.17 |
| 1-200 | 0 | 35 | 158 | 394 | 3,398 | 4,214 | 9,876 | 10,363 | 18,459 | 69,741 | 116,638 |
| R\% | 0.00 | 0.03 | 0.14 | 0.34 | 2.91 | 3.61 | 8.47 | 8.88 | 15.83 | 59.79 | 100.00 |
| C\% | 0.00 | 0.49 | 2.55 | 5.01 | 5.75 | 7.54 | 6.97 | 6.50 | 6.66 | 6.13 | 6.30 |
| 201-400 | 0 | 25 | 165 | 364 | 2,692 | 3,552 | 8,835 | 9,181 | 16,317 | 57,257 | 98,388 |
| R\% | 0.00 | 0.03 | 0.17 | 0.37 | 2.74 | 3.61 | 8.98 | 9.33 | 16.58 | 58.20 | 100.00 |
| C\% | 0.00 | 0.35 | 2.66 | 4.63 | 4.56 | 6.35 | 6.24 | 5.76 | 5.88 | 5.03 | 5.31 |
| 401-600 | 0 | 40 | 128 | 286 | 1,998 | 2,944 | 7,572 | 7,625 | 13,335 | 46,229 | 80,157 |
| R\% | 0.00 | 0.05 | 0.16 | 0.36 | 2.49 | 3.67 | 9.45 | 9.51 | 16.64 | 57.67 | 100.00 |
| C\% | 0.00 | 0.56 | 2.06 | 3.63 | 3.38 | 5.26 | 5.35 | 4.79 | 4.81 | 4.06 | 4.33 |
| 601-800 | 0 | 30 | 133 | 217 | 1,987 | 2,268 | 5,865 | 5,906 | 10,713 | 35,708 | 62,827 |
| $\mathrm{R} \%$ | 0.00 | 0.05 | 0.21 | 0.35 | 3.16 | 3.61 | 9.34 | 9.40 | 17.05 | 56.84 | 100.00 |
| C\% | 0.00 | 0.42 | 2.15 | 2.76 | 3.36 | 4.06 | 4.14 | 3.71 | 3.86 | 3.14 | 3.39 |
| 801-1,000 | 0 | 7 | 112 | 203 | 1,659 | 2,084 | 4,934 | 5,023 | 8,969 | 30,755 | 53,746 |
| $\mathrm{R} \%$ | 0.00 | 0.01 | 0.21 | 0.38 | 3.09 | 3.88 | 9.18 | 9.35 | 16.69 | 57.22 | 100.00 |
| C\% | 0.00 | 0.10 | 1.81 | 2.58 | 2.81 | 3.73 | 3.48 | 3.15 | 3.23 | 2.70 | 2.90 |
| 1,001-1,200 | 0 | 3 | 82 | 179 | 1,310 | 1,593 | 4,246 | 4,353 | 7,825 | 26,267 | 45,858 |
| R\% | 0.00 | 0.01 | 0.18 | 0.39 | 2.86 | 3.47 | 9.26 | 9.49 | 17.06 | 57.28 | 100.00 |
| C\% | 0.00 | 0.04 | 1.32 | 2.28 | 2.22 | 2.85 | 3.00 | 2.73 | 2.82 | 2.31 | 2.48 |
| 1,201-1,400 | 0 | 1 | 54 | 136 | 967 | 1,265 | 3,167 | 3,395 | 6,083 | 19,669 | 34,737 |
| $\mathrm{R} \%$ | 0.00 | 0.00 | 0.16 | 0.39 | 2.78 | 3.64 | 9.12 | 9.77 | 17.51 | 56.62 | 100.00 |
| C\% | 0.00 | 0.01 | 0.87 | 1.73 | 1.64 | 2.26 | 2.24 | 2.13 | 2.19 | 1.73 | 1.88 |
| 1,401-1,600 | 0 | 1 | 41 | 125 | 871 | 1,072 | 2,888 | 3,005 | 5,319 | 17,757 | 31,079 |
| R\% | 0.00 | 0.00 | 0.13 | 0.40 | 2.80 | 3.45 | 9.29 | 9.67 | 17.11 | 57.14 | 100.00 |
| C\% | 0.00 | 0.01 | 0.66 | 1.59 | 1.47 | 1.92 | 2.04 | 1.89 | 1.92 | 1.56 | 1.68 |
| 1,601-1,800 | 0 | 0 | 2 | 76 | 734 | 943 | 2,461 | 2,611 | 4,755 | 16,014 | 27,596 |
| $\mathrm{R} \%$ | 0.00 | 0.00 | 0.01 | 0.28 | 2.66 | 3.42 | 8.92 | 9.46 | 17.23 | 58.03 | 100.00 |
| C\% | 0.00 | 0.00 | 0.03 | 0.97 | 1.24 | 1.69 | 1.74 | 1.64 | 1.71 | 1.41 | 1.49 |
| 1,801 - 2,000 | 0 | 0 | 2 | 14 | 484 | 623 | 1,611 | 1,846 | 3,395 | 12,245 | 20,220 |
| $\mathrm{R} \%$ | 0.00 | 0.00 | 0.01 | 0.07 | 2.39 | 3.08 | 7.97 | 9.13 | 16.79 | 60.56 | 100.00 |
| C\% | 0.00 | 0.00 | 0.03 | 0.18 | 0.82 | 1.11 | 1.14 | 1.16 | 1.22 | 1.08 | 1.09 |
| TOTAL | 373 | 7,141 | 6,200 | 7,868 | 59,065 | 55,917 | 141,646 | 159,333 | 277,305 | 1,137,779 | 1,852,627 |
| R\% | 0.02 | 0.39 | 0.33 | 0.42 | 3.19 | 3.02 | 7.65 | 8.60 | 14.97 | 61.41 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

Table 8<br>Distribution of Pell Grant Recipients By Family Income and Educational Cost<br>Award Period 1988-89<br>8A - Total<br>8B - Dependent<br>8C - Independent

Tables $8 \mathrm{~A}, 8 \mathrm{~B}$, and 8 C show the distribution of Pell Grant recipients by family income and educational cost, first for all recipients, then for dependents and independents, respectively.

Table 8A indicates no discernable relationship between income and educational cost. Low cost schools attracted low income students at approximately the same rate as high income students. For example, 6 percent of all recipients with incomes of $\$ 6,000$ or less attended institutions where costs were $\$ 2,400$ or less. By comparison, 6 percent of recipients with incomes greater than $\$ 15,000$ had costs in this low range. Likewise, higher cost schools appeared to attract recipients from both income groups at the same rate. For example, 75
percent of the $\$ 6,000$ or less income group and 74 percent of the greater than $\$ 15,000$ income group had costs greater than $\$ 3,300$.

Tables 8B and 8 C show that dependents tended to be in the higher income and educational cost ranges more often than independents and that independents were more often in the lower cost ranges. For example, 21 percent of independents, compared to 51 percent of dependents, attended schools where costs were greater than $\$ 3,300$ and reported family incomes greater than $\$ 9,000$. in contrast, about 3 percent of all independents, compared to 2 percent of dependents, had educational costs of $\$ 2,400$ or less and incomes of $\$ 6,000$ or less.

TABLE 8-A
DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND EDUCATIONAL COST

ALL RECIPIENTS - AWARD YEAR 1988-89
EDUCATIONAL COST

| FAMILY INCOME | $\begin{gathered} \text { UNDER } \\ \$ 400 \end{gathered}$ | $\begin{gathered} \$ 400- \\ 1,500 \end{gathered}$ | $\begin{gathered} \$ 1,501 \\ \text { 1,800 } \end{gathered}$ | $\begin{gathered} \$ 1,801 \\ 2,100 \end{gathered}$ | $\begin{gathered} \$ 2,101 \\ 2,400 \end{gathered}$ | $\begin{gathered} \$ 2,401- \\ 2,700 \end{gathered}$ | $\begin{gathered} \$ 2,701 \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001- \\ 3,300 \end{gathered}$ | $\begin{array}{r} \$ 3,301 \\ 3,700 \end{array}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,700 \end{aligned}$ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LESS THAN \$1,001 | 358 | 6,509 | 3,761 | 2,534 | 13,021 | 7,663 | 17,358 | 19,240 | 31,991 | 119,595 | 222,030 |
| R\% | 0.16 | 2.93 | 1.69 | 1.14 | 5.86 | 3.45 | 7.82 | 8.67 | 14.41 | 53.86 | 100.00 |
| C\% | 94.21 | 87.05 | 14.02 | 8.55 | 9.32 | 7.07 | 6.84 | 7.16 | 6.50 | 6.39 | 6.94 |
| \$1,001 - 3,000 | 9 | 273 | 1,692 | 2,698 | 11,985 | 10,240 | 23,805 | 24,836 | 45,624 | 203,638 | 324,800 |
| R\% | 0.00 | 0.08 | 0.52 | 0.83 | 3.69 | 3.15 | 7.33 | 7.65 | 14.05 | 62.70 | 100.00 |
| C\% | 2.37 | 3.65 | 6.31 | 9.10 | 8.58 | 9.45 | 9.39 | 9.24 | 9.28 | 10.88 | 10.16 |
| \$3,001 - 6,000 | 6 | 296 | 3,221 | 4,573 | 22,738 | 19,305 | 50,200 | 52,391 | 100,529 | 415,286 | 668,545 |
| R\% | 0.00 | 0.04 | 0.48 | 0.68 | 3.40 | 2.89 | 7.51 | 7.84 | 15.04 | 62.12 | 100.00 |
| C\% | 1.58 | 3.96 | 12.01 | 15.43 | 16.28 | 17.81 | 19.79 | 19.50 | 20.44 | 22.19 | 20.90 |
| \$6,001 - 9,000 | 2 | 156 | 4,845 | 4,382 | 25,456 | 16,746 | 42,468 | 45,142 | 78,857 | 287,880 | 505,934 |
| R\% | 0.00 | 0.03 | 0.96 | 0.87 | 5.03 | 3.31 | 8.39 | 8.92 | 15.59 | 56.90 | 100.00 |
| C\% | 0.53 | 2.09 | 18.06 | 14.79 | 18.22 | 15.45 | 16.74 | 16.80 | 16.03 | 15.38 | 15.82 |
| \$9,001 - 15,000 | 1 | 152 | 7,069 | 6,565 | 28,659 | 21,286 | 48,114 | 47,285 | 85,552 | 306,941 | 551,624 |
| R\% | 0.00 | 0.03 | 1.28 | 1.19 | 5.20 | 3.86 | 8.72 | 8.57 | 15.51 | 55.64 | 100.00 |
| C\% | 0.26 | 2.03 | 26.35 | 22.15 | 20.52 | 19.64 | 18.97 | 17.60 | 17.39 | 16.40 | 17.25 |
| \$15,001 - 20,000 | 1 | 57 | 3,148 | 3,926 | 15,766 | 13,244 | 29,060 | 29,149 | 53,420 | 186,404 | 334,175 |
| R\% | 0.00 | 0.02 | 0.94 | 1.17 | 4.72 | 3.96 | 8.70 | 8.72 | 15.99 | 55.78 | 100.00 |
| C\% | 0.26 | 0.76 | 11.73 | 13.25 | 11.29 | 12.22 | 11.46 | 10.85 | 10.86 | 9.96 | 10.45 |
| \$20,001 - 30,000 | 2 | 30 | 2,644 | 4,117 | 17,643 | 15,488 | 33,579 | 37,473 | 69,171 | 248,575 | 428,722 |
| R\% | 0.00 | 0.01 | 0.62 | 0.96 | 4.12 | 3.61 | 7.83 | 8.74 | 16.13 | 57.98 | 100.00 |
| C\% | 0.53 | 0.40 | 9.86 | 13.89 | 12.63 | 14.29 | 13.24 | 13.95 | 14.06 | 13.28 | 13.40 |
| \$30,001 + | 1 | 4 | 446 | 842 | 4,420 | 4,411 | 9,047 | 13,181 | 26,712 | 103,392 | 162,456 |
| R\% | 0.00 | 0.00 | 0.27 | 0.52 | 2.72 | 2.72 | 5.57 | 8.11 | 16.44 | 63.64 | 100.00 |
| C\% | 0.26 | 0.05 | 1.66 | 2.84 | 3.16 | 4.07 | 3.57 | 4.91 | 5.43 | 5.52 | 5.08 |
| TOTAL | 380 | 7,477 | 26,826 | 29,637 | 139,688 | 108,383 | 253,631 | 268,697 | 491,856 | 1,871,711 | 3,198,286 |
| R\% | 0.01 | 0.23 | 0.84 | 0.93 | 4.37 | 3.39 | 7.93 | 8.40 | 15.38 | 58.52 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 8-B

## DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND EDUCATIONAL COST DEPENDENT RECIPIENTS - AWARD YEAR 1988-89

EDUCATIONAL COST

| FAMILY INCOME | $\begin{gathered} \text { UNDER } \\ \$ 400 \end{gathered}$ | $\begin{gathered} \$ 400- \\ 1,500 \end{gathered}$ | $\begin{gathered} \$ 1,501 \\ 1,800 \end{gathered}$ | $\begin{gathered} \$ 1,801 \\ 2,100 \end{gathered}$ | $\begin{gathered} \$ 2,101 \\ 2,400 \end{gathered}$ | $\begin{gathered} \$ 2,401 \\ 2,700 \end{gathered}$ | $\begin{gathered} \$ 2,701 \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001 \\ 3,300 \end{gathered}$ | $\begin{gathered} \$ 3,301- \\ 3,700 \end{gathered}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,700 \end{aligned}$ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LESS THAN \$1,001 | 1 | 9 | 510 | 498 | 2,044 | 1,530 | 2,740 | 3,612 | 6,445 | 19,837 | 37,226 |
| R\% | 0.00 | 0.02 | 1.37 | 1.34 | 5.49 | 4.11 | 7.36 | 9.70 | 17.31 | 53.29 | 100.00 |
| C\% | 14.29 | 2.69 | 2.47 | 2.29 | 2.54 | 2.92 | 2.45 | 3.30 | 3.00 | 2.70 | 2.77 |
| \$1,001 - 3,000 | 1 | 27 | 929 | 1,361 | 4,114 | 2,350 | 4,489 | 3,694 | 9,650 | 27,443 | 54,058 |
| R\% | 0.00 | 0.05 | 1.72 | 2.52 | 7.61 | 4.35 | 8.30 | 6.83 | 17.85 | 50.77 | 100.00 |
| C\% | 14.29 | 8.06 | 4.50 | 6.25 | 5.10 | 4.48 | 4.01 | 3.38 | 4.50 | 3.74 | 4.02 |
| \$3,001 - 6,000 | 0 | 67 | 2,218 | 2,877 | 9,798 | 5,984 | 14,496 | 9,184 | 23,401 | 76,167 | 144,192 |
| R\% | 0.00 | 0.05 | 1.54 | 2.00 | 6.80 | 4.15 | 10.05 | 6.37 | 16.23 | 52.82 | 100.00 |
| C\% | 0.00 | 20.00 | 10.75 | 13.22 | 12.15 | 11.41 | 12.94 | 8.40 | 10.91 | 10.38 | 10.72 |
| \$6,001 - 9,000 | 0 | 71 | 4,215 | 3,089 | 11,120 | 6,391 | 14,909 | 11,050 | 23,642 | 76,523 | 151,010 |
| $\mathrm{R} \%$ | 0.00 | 0.05 | 2.79 | 2.05 | 7.36 | 4.23 | 9.87 | 7.32 | 15.66 | 50.67 | 100.00 |
| C\% | 0.00 | 21.19 | 20.44 | 14.19 | 13.79 | 12.18 | 13.31 | 10.10 | 11.02 | 10.43 | 11.22 |
| \$9,001 - 15,000 | 1 | 97 | 6,791 | 5,771 | 20,289 | 11,956 | 25,997 | 23,576 | 43,584 | 144,595 | 282,657 |
| R\% | 0.00 | 0.03 | 2.40 | 2.04 | 7.18 | 4.23 | 9.20 | 8.34 | 15.42 | 51.16 | 100.00 |
| C\% | 14.29 | 28.96 | 32.92 | 26.51 | 25.17 | 22.79 | 23.21 | 21.56 | 20.31 | 19.70 | 21.01 |
| \$15,001 - 20,000 | 1 | 38 | 2,991 | 3,543 | 13,360 | 8,846 | 18,317 | 18,870 | 34,078 | 116,154 | 216,198 |
| $\mathrm{R} \%$ | 0.00 | 0.02 | 1.38 | 1.64 | 6.18 | 4.09 | 8.47 | 8.73 | 15.76 | 53.73 | 100.00 |
| C\% | 14.29 | 11.34 | 14.50 | 16.28 | 16.57 | 16.86 | 16.36 | 17.25 | 15.88 | 15.83 | 16.07 |
| \$20,001 - 30,000 | 2 | 22 | 2,534 | 3,807 | 15,681 | 11,458 | 23,334 | 27,699 | 50,164 | 179,816 | 314,517 |
| $\mathrm{R} \%$ | 0.00 | 0.01 | 0.81 | 1.21 | 4.99 | 3.64 | 7.42 | 8.81 | 15.95 | 57.17 | 100.00 |
| C\% | 28.57 | 6.57 | 12.29 | 17.49 | 19.45 | 21.84 | 20.84 | 25.33 | 23.38 | 24.50 | 23.37 |
| \$30,001 + | 1 | 4 | 438 | 823 | 4,217 | 3,951 | 7,703 | 11,679 | 23,587 | 93,395 | 145,798 |
| R\% | 0.00 | 0.00 | 0.30 | 0.56 | 2.89 | 2.71 | 5.28 | 8.01 | 16.18 | 64.06 | 100.00 |
| C\% | 14.29 | 1.19 | 2.12 | 3.78 | 5.23 | 7.53 | 6.88 | 10.68 | 10.99 | 12.73 | 10.83 |
| TOTAL | 7 | 335 | 20,626 | 21,769 | 80,623 | 52,466 | 111,985 | 109,364 | 214,551 | 733,930 | 1,345,656 |
| R\% | 0.00 | 0.02 | 1.53 | 1.62 | 5.99 | 3.90 | 8.32 | 8.13 | 15.94 | 54.54 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 8-C
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY FAMILY INCOME AND EDUCATIONAL COST INDEPENDENT RECIPIENTS - AWARD YEAR 1988-89

EDUCATIONAL COST

| FAMILY INCOME | $\begin{gathered} \text { UNDER } \\ \$ 400 \end{gathered}$ | $\begin{gathered} \$ 400- \\ 1,500 \end{gathered}$ | $\begin{gathered} \$ 1,501 \\ 1,800 \end{gathered}$ | $\begin{gathered} \$ 1,801 \\ 2,100 \end{gathered}$ | $\begin{gathered} \$ 2,101 \\ 2,400 \end{gathered}$ | $\begin{gathered} \$ 2,401- \\ 2,700 \end{gathered}$ | $\begin{gathered} \$ 2,701- \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001- \\ 3,300 \end{gathered}$ | $\begin{gathered} \$ 3,301 \\ 3,700 \end{gathered}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,700 \end{aligned}$ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LESS THAN \$1,001 | 357 | 6,500 | 3,251 | 2,036 | 10,977 | 6,133 | 14,618 | 15,628 | 25,546 | 99,758 | 184,804 |
| R\% | 0.19 | 3.52 | 1.76 | 1.10 | 5.94 | 3.32 | 7.91 | 8.46 | 13.82 | 53.98 | 100.00 |
| C\% | 95.71 | 91.01 | 52.44 | 25.88 | 18.58 | 10.97 | 10.32 | 9.81 | 9.21 | 8.77 | 9.98 |
| \$1,001 - 3,000 | 8 | 246 | 763 | 1,337 | 7,871 | 7,890 | 19,316 | 21,142 | 35,974 | 176,195 | 270,742 |
| R\% | 0.00 | 0.09 | 0.28 | 0.49 | 2.91 | 2.91 | 7.13 | 7.81 | 13.29 | 65.08 | 100.00 |
| C\% | 2.14 | 3.44 | 12.31 | 16.99 | 13.33 | 14.11 | 13.64 | 13.27 | 12.97 | 15.49 | 14.61 |
| \$3,001 - 6,000 | 6 | 229 | 1,003 | 1,696 | 12,940 | 13,321 | 35,704 | 43,207 | 77,128 | 339,119 | 524,353 |
| R\% | 0.00 | 0.04 | 0.19 | 0.32 | 2.47 | 2.54 | 6.81 | 8.24 | 14.71 | 64.67 | 100.00 |
| C\% | 1.61 | 3.21 | 16.18 | 21.56 | 21.91 | 23.82 | 25.21 | 27.12 | 27.81 | 29.81 | 28.30 |
| \$6,001 - 9,000 | 2 | 85 | 630 | 1,293 | 14,336 | 10,355 | 27,559 | 34,092 | 55,215 | 211,357 | 354,924 |
| R\% | 0.00 | 0.02 | 0.18 | 0.36 | 4.04 | 2.92 | 7.76 | 9.61 | 15.56 | 59.55 | 100.00 |
| C\% | 0.54 | 1.19 | 10.16 | 16.43 | 24.27 | 18.52 | 19.46 | 21.40 | 19.91 | 18.58 | 19.16 |
| \$9,001 - 15,000 | 0 | 55 | 278 | 794 | 8,370 | 9,330 | 22,117 | 23,709 | 41,968 | 162,346 | 268,967 |
| R\% | 0.00 | 0.02 | 0.10 | 0.30 | 3.11 | 3.47 | 8.22 | 8.81 | 15.60 | 60.36 | 100.00 |
| C\% | 0.00 | 0.77 | 4.48 | 10.09 | 14.17 | 16.69 | 15.61 | 14.88 | 15.13 | 14.27 | 14.52 |
| \$15,001 - 20,000 | 0 | 19 | 157 | 383 | 2,406 | 4,398 | 10,743 | 10,279 | 19,342 | 70,250 | 117,977 |
| R\% | 0.00 | 0.02 | 0.13 | 0.32 | 2.04 | 3.73 | 9.11 | 8.71 | 16.39 | 59.55 | 100.00 |
| C\% | 0.00 | 0.27 | 2.53 | 4.87 | 4.07 | 7.87 | 7.58 | 6.45 | 6.97 | 6.17 | 6.37 |
| \$20,001 - 30,000 | 0 | 8 | 110 | 310 | 1,962 | 4,030 | 10,245 | 9,774 | 19,007 | 68,759 | 114,205 |
| R\% | 0.00 | 0.01 | 0.10 | 0.27 | 1.72 | 3.53 | 8.97 | 8.56 | 16.64 | 60.21 | 100.00 |
| C\% | 0.00 | 0.11 | 1.77 | 3.94 | 3.32 | 7.21 | 7.23 | 6.13 | 6.85 | 6.04 | 6.16 |
| \$30,001 + | 0 | 0 | 8 | 19 | 203 | 460 | 1,344 | 1,502 | 3,125 | 9,997 | 16,658 |
| R\% | 0.00 | 0.00 | 0.05 | 0.11 | 1.22 | 2.76 | 8.07 | 9.02 | 18.76 | 60.01 | 100.00 |
| C\% | 0.00 | 0.00 | 0.13 | 0.24 | 0.34 | 0.82 | 0.95 | 0.94 | 1.13 | 0.88 | 0.90 |
| TOTAL | 373 | 7,142 | 6,200 | 7,868 | 59,065 | 55,917 | 141,646 | 159,333 | 277,305 | 1,137,781 | 1,852,630 |
| R\% | 0.02 | 0.39 | 0.33 | 0.42 | 3.19 | 3.02 | 7.65 | 8.60 | 14.97 | 61.41 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

## Table 9

# Distribution of Pell Grant Recipients By Family Income and Asset Level 

Award Period 1988-89

9A - Total
9B - Dependent
9C - Independent

Tables 9A, 9B, and 9C show the distribution of Pell Grant recipients by family income and asset level, first for all recipients, then for dependents and independents, respectively.

Net assets in these tables equal the sum of the market value of the recipient's (for independents) or parents' (for dependents) home, real estate/investments, business/farm, and cash/savings,/checking minus the sum of the unpaid debts on these items. The formula used to calculate a Pell Grant Student Aid index includes a series of asset reserves to "protect" a portion of the student's or parents' assets. These asset reserves are applied against the various categories of assets and allow each applicant a portion of his or her reported assets from which no contribution is required. In 1988-89, the asset reserves were included for all applicants except single independent students with no dependents (i.e., those with a family size of one). The asset reserves included $\$ 30,000$ for home assets, up to $\$ 80,000$ for business assets and $\$ 100,000$ for farm assets, and $\$ 25,000$ for other assets.

Table 9A shows that Pell Grants are directed toward students with few assets. in 1988-89, three of every four ( 76 percent) recipients reported net assets of $\$ 7,500$ or less, and 44 percent reported zero net assets. As Tables 9B
and 9C indicate, independents predominated in this low asset group. In fact, 94 percent of all independents had net assets of $\$ 7,500$ or less, and 56 percent had net assets of zero. In comparison, 51 percent of dependent recipients were in the less than $\$ 7,500$ net asset range and 28 percent had zero net assets. Only about one in eight recipients ( 13 percent) reported net assets that exceeded $\$ 25,000$. Approximately 90 percent of these students were dependent. Because of the size of the asset protection allowances, and the fact that few recipients had assets above $\$ 25,000$, reported assets rarely played a part in determining grant size in 1988-89. The average assets reported (not shown in this table) were $\$ 8,440$ for all recipients, $\$ 1,807$ for independents, and $\$ 17,572$ for dependents.

Figure 7 illustrates the great extent to which Pell recipients report net assets of $\$ 7,500$ or less. It also shows that independent recipients, in particular, are likely to have low net assets.

A comparison with 1987-88 data indicates little change in the distribution of recipients by asset level. Equal proportions of recipients in both years ( 76 percent) reported net assets of $\$ 7,500$ or less and similar proportions reported net assets greater than $\$ 25,000$ (11
percent in 1987-88 compared to 13 percent in 1988-89).

The tables also show that Pell Grants are targeted toward recipients who report both low net assets and low family incomes. In 1988-89, 35 percent of all Pell Grant awards went to students with net assets of $\$ 7,500$ or less and incomes of
$\$ 6,000$ or less. About 85 percent of this low asset and income group were independent. Likewise, few students who reported both a relatively large amount of net assets and income received grants. Students with net assets over $\$ 25,000$ and income exceeding $\$ 15,000$ constituted only 8 percent of all Pell Grant recipients. Almost all of these recipients (92 percent) were dependent.

Figure 7
Distribution of Pell Grant Recipients by Net Assets
Award Year 1988-89



TABLE 9-A

## DISTRIBUTION OF PELL GRANT RECIPIENTS <br> BY FAMILY INCOME AND NET ASSET LEVEL <br> ALL RECIPIENTS - AWARD YEAR 1988-89

|  | NET ASSET LEVEL |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FAMILY INCOME | \$0 | $\begin{gathered} \$ 1- \\ 7,500 \end{gathered}$ | $\begin{gathered} \$ 7,501- \\ 15,000 \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 25,000 \end{gathered}$ | $\begin{gathered} \$ 25,001- \\ 35,000 \end{gathered}$ | $\begin{gathered} \$ 35,001- \\ 50,000 \end{gathered}$ | $\begin{gathered} \$ 50,001- \\ 75,000 \end{gathered}$ | $\begin{aligned} & \$ 75,001- \\ & \$ 100,000 \end{aligned}$ | \$100,000+ | TOTAL |
| LESS THAN \$1,001 | 148,529 | 50,906 | 4,224 | 3,550 | 2,573 | 2,826 | 3,153 | 1,865 | 4,404 | 222,030 |
| R\% | 66.90 | 22.93 | 1.90 | 1.60 | 1.16 | 1.27 | 1.42 | 0.84 | 1.98 | 100.00 |
| C\% | 10.48 | 5.06 | 2.34 | 1.95 | 1.86 | 2.25 | 3.62 | 5.92 | 15.52 | 6.94 |
| \$1,001-3,000 | 218,958 | 86,112 | 6,502 | 4,447 | 2,669 | 2,155 | 1,793 | 863 | 1,301 | 324,800 |
| R\% | 67.41 | 26.51 | 2.00 | 1.37 | 0.82 | 0.66 | 0.55 | 0.27 | 0.40 | 100.00 |
| C\% | 15.44 | 8.55 | 3.60 | 2.44 | 1.93 | 1.72 | 2.06 | 2.74 | 4.59 | 10.16 |
| \$3,001 - 6,000 | 418,059 | 199,785 | 15,970 | 12,007 | 7,451 | 6,087 | 4,549 | 2,090 | 2,547 | 668,545 |
| R\% | 62.53 | 29.88 | 2.39 | 1.80 | 1.11 | 0.91 | 0.68 | 0.31 | 0.38 | 100.00 |
| C\% | 29.49 | 19.84 | 8.85 | 6.58 | 5.39 | 4.85 | 5.22 | 6.64 | 8.98 | 20.90 |
| \$6,001 - 9,000 | 258,573 | 180,997 | 18,722 | 15,654 | 10,228 | 8,828 | 6,961 | 2,911 | 3,060 | 505,934 |
| R\% | 51.11 | 35.77 | 3.70 | 3.09 | 2.02 | 1.74 | 1.38 | 0.58 | 0.60 | 100.00 |
| C\% | 18.24 | 17.98 | 10.38 | 8.58 | 7.40 | 7.03 | 7.98 | 9.25 | 10.79 | 15.82 |
| \$9,001 - 15,000 | 213,175 | 189,150 | 36,421 | 35,002 | 24,502 | 23,183 | 17,452 | 6,737 | 6,002 | 551,624 |
| R\% | 38.64 | 34.29 | 6.60 | 6.35 | 4.44 | 4.20 | 3.16 | 1.22 | 1.09 | 100.00 |
| C\% | 15.04 | 18.79 | 20.19 | 19.18 | 17.72 | 18.46 | 20.02 | 21.40 | 21.16 | 17.25 |
| \$15,001 - 20,000 | 81,024 | 120,734 | 30,845 | 31,694 | 23,770 | 22,345 | 14,961 | 5,027 | 3,775 | 334,175 |
| R\% | 24.25 | 36.13 | 9.23 | 9.48 | 7.11 | 6.69 | 4.48 | 1.50 | 1.13 | 100.00 |
| C\% | 5.72 | 11.99 | 17.10 | 17.37 | 17.19 | 17.79 | 17.16 | 15.97 | 13.31 | 10.45 |
| \$20,001 - 30,000 | 67,249 | 144,200 | 48,530 | 53,998 | 42,905 | 36,601 | 22,686 | 7,656 | 4,897 | 428,722 |
| R\% | 15.69 | 33.63 | 11.32 | 12.60 | 10.01 | 8.54 | 5.29 | 1.79 | 1.14 | 100.00 |
| C\% | 4.74 | 14.32 | 26.90 | 29.59 | 31.03 | 29.14 | 26.02 | 24.32 | 17.26 | 13.40 |
| \$30,001 + | 12,160 | 34,865 | 19,191 | 26,141 | 24,163 | 23,588 | 15,627 | 4,337 | 2,384 | 162,456 |
| R\% | 7.49 | 21.46 | 11.81 | 16.09 | 14.87 | 14.52 | 9.62 | 2.67 | 1.47 | 100.00 |
| C\% | 0.86 | 3.46 | 10.64 | 14.32 | 17.48 | 18.78 | 17.92 | 13.77 | 8.40 | 5.08 |
| TOTAL | 1,417,727 | 1,006,749 | 180,405 | 182,493 | 138,261 | 125,613 | 87,182 | 31,486 | 28,370 | 3,198,286 |
| R\% | 44.33 | 31.48 | 5.64 | 5.71 | 4.32 | 3.93 | 2.73 | 0.98 | 0.89 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 9-B

## DISTRIBUTION OF PELL GRANT RECIPIENTS <br> BY FAMILY INCOME AND NET ASSET LEVEL DEPENDENT RECIPIENTS - AWARD YEAR 1988-89

NET ASSET LEVEL

| FAMILY INCOME | \$0 | $\begin{gathered} \$ 1- \\ 7,500 \end{gathered}$ | $\begin{gathered} \$ 7,501- \\ 15,000 \end{gathered}$ | $\begin{array}{r} \$ 15,001- \\ 25,000 \end{array}$ | $\begin{gathered} \$ 25,001- \\ 35,000 \end{gathered}$ | $\begin{gathered} \$ 35,001- \\ 50,000 \end{gathered}$ | $\begin{gathered} \$ 50,001- \\ 75,000 \end{gathered}$ | $\begin{aligned} & \$ 75,001- \\ & \$ 100,000 \end{aligned}$ | \$100,000+ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LESS THAN \$1,001 | 13,793 | 5,677 | 2,311 | 2,415 | 1,999 | 2,332 | 2,778 | 1,701 | 4,220 | 37,226 |
| R\% | 37.05 | 15.25 | 6.21 | 6.49 | 5.37 | 6.26 | 7.46 | 4.57 | 11.34 | 100.00 |
| C\% | 3.61 | 1.83 | 1.73 | 1.61 | 1.66 | 2.06 | 3.45 | 5.76 | 15.64 | 2.77 |
| \$1,001 - 3,000 | 31,890 | 7,733 | 4,088 | 3,151 | 2,003 | 1,694 | 1,529 | 771 | 1,199 | 54,058 |
| R\% | 58.99 | 14.31 | 7.56 | 5.83 | 3.71 | 3.13 | 2.83 | 1.43 | 2.22 | 100.00 |
| C\% | 8.35 | 2.50 | 3.07 | 2.10 | 1.66 | 1.49 | 1.90 | 2.61 | 4.44 | 4.02 |
| \$3,001 - 6,000 | 83,085 | 22,246 | 10,943 | 8,930 | 5,835 | 5,026 | 3,892 | 1,874 | 2,361 | 144,192 |
| R\% | 57.62 | 15.43 | 7.59 | 6.19 | 4.05 | 3.49 | 2.70 | 1.30 | 1.64 | 100.00 |
| C\% | 21.75 | 7.18 | 8.21 | 5.96 | 4.84 | 4.43 | 4.83 | 6.34 | 8.75 | 10.72 |
| \$6,001 - 9,000 | 68,547 | 30,104 | 12,993 | 11,949 | 8,262 | 7,506 | 6,125 | 2,668 | 2,856 | 151,010 |
| R\% | 45.39 | 19.94 | 8.60 | 7.91 | 5.47 | 4.97 | 4.06 | 1.77 | 1.89 | 100.00 |
| C\% | 17.94 | 9.72 | 9.75 | 7.98 | 6.86 | 6.62 | 7.60 | 9.03 | 10.59 | 11.22 |
| \$9,001 - 15,000 | 89,246 | 69,829 | 26,535 | 27,998 | 20,800 | 20,424 | 15,854 | 6,269 | 5,702 | 282,657 |
| R\% | 31.57 | 24.70 | 9.39 | 9.91 | 7.36 | 7.23 | 5.61 | 2.22 | 2.02 | 100.00 |
| C\% | 23.36 | 22.55 | 19.92 | 18.70 | 17.26 | 18.01 | 19.67 | 21.22 | 21.14 | 21.01 |
| \$15,001 - 20,000 | 43,353 | 60,809 | 22,778 | 26,011 | 20,719 | 20,229 | 13,957 | 4,752 | 3,590 | 216,198 |
| R\% | 20.05 | 28.13 | 10.54 | 12.03 | 9.58 | 9.36 | 6.46 | 2.20 | 1.66 | 100.00 |
| C\% | 11.35 | 19.64 | 17.10 | 17.37 | 17.19 | 17.83 | 17.32 | 16.08 | 13.31 | 16.07 |
| \$20,001 - 30,000 | 42,229 | 85,160 | 36,679 | 45,310 | 38,130 | 33,603 | 21,351 | 7,331 | 4,724 | 314,517 |
| $\mathrm{R} \%$ | 13.43 | 27.08 | 11.66 | 14.41 | 12.12 | 10.68 | 6.79 | 2.33 | 1.50 | 100.00 |
| C\% | 11.05 | 27.50 | 27.53 | 30.26 | 31.64 | 29.62 | 26.49 | 24.81 | 17.51 | 23.37 |
| \$30,001 + | 9,878 | 28,083 | 16,887 | 23,950 | 22,759 | 22,616 | 15,119 | 4,183 | 2,323 | 145,798 |
| R\% | 6.78 | 19.26 | 11.58 | 16.43 | 15.61 | 15.51 | 10.37 | 2.87 | 1.59 | 100.00 |
| $\mathrm{C} \%$ | 2.59 | 9.07 | 12.68 | 16.00 | 18.89 | 19.94 | 18.76 | 14.16 | 8.61 | 10.83 |
| TOTAL | 382,021 | 309,641 | 133,214 | 149,714 | 120,507 | 113,430 | 80,605 | 29,549 | 26,975 | 1,345,656 |
| R\% | 28.39 | 23.01 | 9.90 | 11.13 | 8.96 | 8.43 | 5.99 | 2.20 | 2.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 9-C
DISTRIBUTION OF PELL GRANT RECIPIENTS
by FAMILY INCOME AND NET ASSET LEVEL INDEPENDENT RECIPIENTS - AWARD YEAR 1988-89

NET ASSET LEVEL

| FAMILY INCOME | \$0 | $\begin{gathered} \$ 1- \\ 7,500 \end{gathered}$ | $\begin{gathered} \$ 7,501- \\ 15,000 \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 25,000 \end{gathered}$ | $\begin{gathered} \$ 25,001 \\ 35,000 \end{gathered}$ | $\begin{gathered} \$ 35,001- \\ 50,000 \end{gathered}$ | $\begin{gathered} \$ 50,001 \\ 75,000 \end{gathered}$ | $\begin{aligned} & \$ 75,001- \\ & \$ 100,000 \end{aligned}$ | \$100,000+ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LESS THAN \$1,001 | 134,736 | 45,229 | 1,913 | 1,135 | 574 | 494 | 375 | 164 | 184 | 184,804 |
| R\% | 72.91 | 24.47 | 1.04 | 0.61 | 0.31 | 0.27 | 0.20 | 0.09 | 0.10 | 100.00 |
| C\% | 13.01 | 6.49 | 4.05 | 3.46 | 3.23 | 4.05 | 5.70 | 8.47 | 13.19 | 9.98 |
| \$1,001 - 3,000 | 187,068 | 78,379 | 2,414 | 1,296 | 666 | 461 | 264 | 92 | 102 | 270,742 |
| R\% | 69.09 | 28.95 | 0.89 | 0.48 | 0.25 | 0.17 | 0.10 | 0.03 | 0.04 | 100.00 |
| C\% | 18.06 | 11.24 | 5.12 | 3.95 | 3.75 | 3.78 | 4.01 | 4.75 | 7.31 | 14.61 |
| \$3,001 - 6,000 | 334,974 | 177,539 | 5,027 | 3,077 | 1,616 | 1,061 | 657 | 216 | 186 | 524,353 |
| R\% | 63.88 | 33.86 | 0.96 | 0.59 | 0.31 | 0.20 | 0.13 | 0.04 | 0.04 | 100.00 |
| C\% | 32.34 | 25.47 | 10.65 | 9.39 | 9.10 | 8.71 | 9.99 | 11.15 | 13.33 | 28.30 |
| \$6,001 - 9,000 | 190,026 | 150,893 | 5,729 | 3,705 | 1,966 | 1,322 | 836 | 243 | 204 | 354,924 |
| R\% | 53.54 | 42.51 | 1.61 | 1.04 | 0.55 | 0.37 | 0.24 | 0.07 | 0.06 | 100.00 |
| C\% | 18.35 | 21.65 | 12.14 | 11.30 | 11.07 | 10.85 | 12.71 | 12.55 | 14.62 | 19.16 |
| \$9,001 - 15,000 | 123,929 | 119,321 | 9,886 | 7,004 | 3,702 | 2,759 | 1,598 | 468 | 300 | 268,967 |
| R\% | 46.08 | 44.36 | 3.68 | 2.60 | 1.38 | 1.03 | 0.59 | 0.17 | 0.11 | 100.00 |
| C\% | 11.97 | 17.12 | 20.95 | 21.37 | 20.85 | 22.65 | 24.30 | 24.16 | 21.51 | 14.52 |
| \$15,001 - 20,000 | 37,671 | 59,925 | 8,067 | 5,683 | 3,051 | 2,116 | 1,004 | 275 | 185 | 117,977 |
| R\% | 31.93 | 50.79 | 6.84 | 4.82 | 2.59 | 1.79 | 0.85 | 0.23 | 0.16 | 100.00 |
| C\% | 3.64 | 8.60 | 17.09 | 17.34 | 17.18 | 17.37 | 15.27 | 14.20 | 13.26 | 6.37 |
| \$20,001 - 30,000 | 25,020 | 59,040 | 11,851 | 8,688 | 4,775 | 2,998 | 1,335 | 325 | 173 | 114,205 |
| R\% | 21.91 | 51.70 | 10.38 | 7.61 | 4.18 | 2.63 | 1.17 | 0.28 | 0.15 | 100.00 |
| C\% | 2.42 | 8.47 | 25.11 | 26.50 | 26.90 | 24.61 | 20.30 | 16.78 | 12.40 | 6.16 |
| \$30,001 + | 2,282 | 6,782 | 2,304 | 2,191 | 1,404 | 972 | 508 | 154 | 61 | 16,658 |
| R\% | 13.70 | 40.71 | 13.83 | 13.15 | 8.43 | 5.84 | 3.05 | 0.92 | 0.37 | 100.00 |
| C\% | 0.22 | 0.97 | 4.88 | 6.68 | 7.91 | 7.98 | 7.72 | 7.95 | 4.37 | 0.90 |
| TOTAL | 1,035,706 | 697,108 | 47,191 | 32,779 | 17,754 | 12,183 | 6,577 | 1,937 | 1,395 | 1,852,630 |
| R\% | 55.90 | 37.63 | 2.55 | 1.77 | 0.96 | 0.66 | 0.36 | 0.10 | 0.08 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

Table 10

# Distribution of Pell Grant Recipients By Age and Family Income 

Award Period 1988-89

10A - Total
10B - Dependent
10C - Independent

Tables 10A, 10B, and 10C, each of which are two pages in length, show the distribution of Pell Grant recipients by age and family income. Table 10A displays the distribution for all recipients, while Tables 10 B and 10 C provide the same breakout for dependents and independents, respectively.

In 1988-89, as in 1987-88, students who are 24 years and older were automatically considered independent. Thus, Table 10B (dependent) includes no one over 24. However, students who are less than 24 years old also may be independent if they meet the criteria or receive a dependency status override from a financial aid administrator based on unusual circumstances.

Pell Grants were awarded to a population of about the same age in 1988-89 as they were in 1987-88. Table 10A shows that 57 percent of all recipients were 23 years or younger and 30 percent were 27 years or older in 1988-89.

This is nearly the same as the previous year when 56 percent were in the younger age group and 30 percent in the older group and may indicate that a recent trend towards increasingly older populations of Pell recipients has peaked.

The relationship between age and family income that is illustrated in Table 10A closely reflects the relationship between family income and dependency status. As the table shows, recipients in the younger age groups, most of whom are dependent and report their parent's income, had relatively higher family incomes. For example, 22 percent of the 23 years and younger group had family incomes over $\$ 15,000$ compared to 17 percent who reported having an income of $\$ 6,000$ or less. Older recipients, all of whom are independent, tended to have lower family incomes. Only 7 percent of the over 24 group had family incomes over $\$ 15,000$, while 21 percent reported having an income of $\$ 6,000$ or less.

TABLE 10-A
DISTRIBUTION OF PELL GRANT RECIPIENTS BY AGE AND FAMILY INCOME
ALL RECIPIENTS - AWARD YEAR 1988-89

FAMILY INCOME

| AGE |  | FAMILY INCOME |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { LESS THAN } \\ & \$ 1,001 \end{aligned}$ | $\begin{gathered} \$ 1,001- \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001- \\ 6,000 \end{gathered}$ | $\begin{gathered} \$ 6,001- \\ 9,000 \end{gathered}$ | $\begin{gathered} \$ 9,001- \\ 15,000 \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 20,000 \end{gathered}$ | $\begin{gathered} \$ 20,001- \\ 30,000 \end{gathered}$ | \$30,001+ | TOTAL |
| UNDER 17 |  | 370 | 628 | 1,326 | 963 | 1,069 | 484 | 585 | 186 | 5,611 |
|  | R\% | 6.6 | 11.2 | 23.6 | 17.2 | 19.1 | 8.6 | 10.4 | 3.3 | 100.0 |
|  | C\% | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 |
| 17 |  | 1,687 | 3,008 | 5,702 | 4,190 | 5,725 | 3,402 | 4,234 | 1,461 | 29,409 |
|  | R\% | 5.7 | 10.2 | 19.4 | 14.2 | 19.5 | 11.6 | 14.4 | 5.0 | 100.0 |
|  | C\% | 0.8 | 0.9 | 0.9 | 0.8 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 |
| 18 |  | 13,152 | 18,549 | 39,059 | 37,026 | 68,713 | 55,002 | 85,625 | 37,447 | 354,573 |
|  | R\% | 3.7 | 5.2 | 11.0 | 10.4 | 19.4 | 15.5 | 24.1 | 10.6 | 100.0 |
|  | C\% | 5.9 | 5.7 | 5.8 | 7.3 | 12.5 | 16.5 | 20.0 | 23.1 | 11.1 |
| 19 |  | 17,070 | 26,465 | 53,365 | 45,358 | 76,998 | 58,264 | 85,302 | 36,560 | 399,382 |
|  | R\% | 4.3 | 6.6 | 13.4 | 11.4 | 19.3 | 14.6 | 21.4 | 9.2 | 100.0 |
|  | C\% | 7.7 | 8.1 | 8.0 | 9.0 | 14.0 | 17.4 | 19.9 | 22.5 | 12.5 |
| 20 |  | 15,777 | 26,567 | 54,633 | 43,280 | 63,061 | 44,141 | 61,652 | 29,530 | 338,641 |
|  | R\% | 4.7 | 7.8 | 16.1 | 12.8 | 18.6 | 13.0 | 18.2 | 8.7 | 100.0 |
|  | C\% | 7.1 | 8.2 | 8.2 | 8.6 | 11.4 | 13.2 | 14.4 | 18.2 | 10.6 |
| 21 |  | 14,177 | 24,750 | 56,987 | 44,285 | 53,092 | 33,969 | 46,005 | 23,685 | 296,950 |
|  | R\% | 4.8 | 8.3 | 19.2 | 14.9 | 17.9 | 11.4 | 15.5 | 8.0 | 100.0 |
|  | C\% | 6.4 | 7.6 | 8.5 | 8.8 | 9.6 | 10.2 | 10.7 | 14.6 | 9.3 |
| 22 |  | 11,855 | 22,102 | 53,770 | 41,121 | 39,968 | 21,930 | 26,413 | 12,503 | 229,662 |
|  | R\% | 5.2 | 9.6 | 23.4 | 17.9 | 17.4 | 9.5 | 11.5 | 5.4 | 100.0 |
|  | C\% | 5.3 | 6.8 | 8.0 | 8.1 | 7.2 | 6.6 | 6.2 | 7.7 | 7.2 |
| 23 |  | 9,590 | 18,125 | 45,219 | 34,720 | 28,455 | 13,108 | 13,210 | 4,640 | 167,067 |
|  | R\% | 5.7 | 10.8 | 27.1 | 20.8 | 17.0 | 7.8 | 7.9 | 2.8 | 100.0 |
|  | C\% | 4.3 | 5.6 | 6.8 | 6.9 | 5.2 | 3.9 | 3.1 | 2.9 | 5.2 |
| 24 |  | 20,972 | 29,057 | 49,129 | 32,816 | 17,277 | 6,120 | 4,844 | 255 | 160,470 |
|  | R\% | 13.1 | 18.1 | 30.6 | 20.4 | 10.8 | 3.8 | 3.0 | 0.2 | 100.0 |
|  | C\% | 9.4 | 8.9 | 7.3 | 6.5 | 3.1 | 1.8 | 1.1 | 0.2 | 5.0 |
| 25 |  | 15,105 | 22,363 | 38,444 | 26,184 | 15,976 | 6,500 | 5,539 | 348 | 130,459 |
|  | R\% | 11.6 | 17.1 | 29.5 | 20.1 | 12.2 | 5.0 | 4.2 | 0.3 | 100.0 |
|  | C\% | 6.8 | 6.9 | 5.8 | 5.2 | 2.9 | 1.9 | 1.3 | 0.2 | 4.1 |
| 26 |  | 12,138 | 17,309 | 31,403 | 21,705 | 15,174 | 6,765 | 6,111 | 464 | 111,069 |
|  | R\% | 10.9 | 15.6 | 28.3 | 19.5 | 13.7 | 6.1 | 5.5 | 0.4 | 100.0 |
|  | C\% | 5.5 | 5.3 | 4.7 | 4.3 | 2.8 | 2.0 | 1.4 | 0.3 | 3.5 |
| 27 |  | 10,005 | 13,979 | 26,611 | 18,596 | 14,190 | 6,829 | 6,603 | 500 | 97,313 |
|  | R\% | 10.3 | 14.4 | 27.3 | 19.1 | 14.6 | 7.0 | 6.8 | 0.5 | 100.0 |
|  | C\% | 4.5 | 4.3 | 4.0 | 3.7 | 2.6 | 2.0 | 1.5 | 0.3 | 3.0 |
| 28 |  | 8,801 | 11,893 | 23,623 | 16,682 | 13,725 | 6,447 | 6,887 | 655 | 88,713 |
|  | R\% | 9.9 | 13.4 | 26.6 | 18.8 | 15.5 | 7.3 | 7.8 | 0.7 | 100.0 |
|  | C\% | 4.0 | 3.7 | 3.5 | 3.3 | 2.5 | 1.9 | 1.6 | 0.4 | 2.8 |
| 29 |  | 7,572 | 10,149 | 20,937 | 14,790 | 12,692 | 6,416 | 6,788 | 662 | 80,006 |
|  | R\% | 9.5 | 12.7 | 26.2 | 18.5 | 15.9 | 8.0 | 8.5 | 0.8 | 100.0 |
|  | C\% | 3.4 | 3.1 | 3.1 | 2.9 | 2.3 | 1.9 | 1.6 | 0.4 | 2.5 |
| 30 |  | 6,817 | 9,123 | 18,873 | 13,307 | 12,459 | 6,296 | 6,720 | 725 | 74,320 |
|  | R\% | 9.2 | 12.3 | 25.4 | 17.9 | 16.8 | 8.5 | 9.0 | 1.0 | 100.0 |
|  | C\% | 3.1 | 2.8 | 2.8 | 2.6 | 2.3 | 1.9 | 1.6 | 0.4 | 2.3 |
| 31-40 |  | 41,211 | 51,851 | 110,201 | 83,124 | 85,816 | 44,623 | 48,217 | 8,195 | 473,238 |
|  | R\% | 8.7 | 11.0 | 23.3 | 17.6 | 18.1 | 9.4 | 10.2 | 1.7 | 100.0 |
|  | C\% | 18.6 | 16.0 | 16.5 | 16.4 | 15.6 | 13.4 | 11.2 | 5.0 | 14.8 |
| OVER 40 |  | 15,594 | 18,632 | 38,635 | 27,294 | 26,683 | 13,558 | 13,642 | 4,524 | 158,562 |
|  | R\% | 9.8 | 11.8 | 24.4 | 17.2 | 16.8 | 8.6 | 8.6 | 2.9 | 100.0 |
|  | C\% | 7.0 | 5.7 | 5.8 | 5.4 | 4.8 | 4.1 | 3.2 | 2.8 | 5.0 |
| UNKNOWNRC |  | 137 | 250 | 628 | 493 | 551 | 321 | 345 | 116 | 2,841 |
|  | R\% | 4.8 | 8.8 | 22.1 | 17.4 | 19.4 | 11.3 | 12.1 | 4.1 | 100.0 |
|  | C\% | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| TOTAL |  | 222,030 | 324,800 | 668,545 | 505,934 | 551,624 | 334,175 | 428,722 | 162,456 | 3,198,286 |
|  | R\% | 6.9 | 10.2 | 20.9 | 15.8 | 17.2 | 10.4 | 13.4 | 5.1 | 100.0 |
|  | C\% | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TABLE 10-B
DISTRIBUTION OF PELL GRANT RECIPIENTS BY AGE AND FAMILY INCOME DEPENDENT RECIPIENTS - AWARD YEAR 1988-89

FAMILY INCOME

| AGE |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { LESS THAN } \\ & \$ 1,001 \end{aligned}$ | $\begin{gathered} \$ 1,001- \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001- \\ 6,000 \end{gathered}$ | $\begin{gathered} \$ 6,001- \\ 9,000 \end{gathered}$ | $\begin{gathered} \$ 9,001- \\ 15,000 \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 20,000 \end{gathered}$ | $\begin{gathered} \$ 20,001- \\ 30,000 \end{gathered}$ | \$30,001+ | TOTAL |
| UNDER 17 |  | 97 | 375 | 1,087 | 906 | 1,037 | 481 | 583 | 186 | 4,752 |
|  | R\% | 2.0 | 7.9 | 22.9 | 19.1 | 21.8 | 10.1 | 12.3 | 3.9 | 100.0 |
|  | C\% | 0.3 | 0.7 | 0.8 | 0.6 | 0.4 | 0.2 | 0.2 | 0.1 | 0.4 |
| 17 |  | 466 | 1,521 | 4,203 | 3,837 | 5,565 | 3,383 | 4,223 | 1,461 | 24,659 |
|  | R\% | 1.9 | 6.2 | 17.0 | 15.6 | 22.6 | 13.7 | 17.1 | 5.9 | 100.0 |
|  | C\% | 1.3 | 2.8 | 2.9 | 2.5 | 2.0 | 1.6 | 1.3 | 1.0 | 1.8 |
| 18 |  | 6,909 | 10,788 | 30,770 | 34,459 | 67,609 | 54,818 | 85,559 | 37,447 | 328,359 |
|  | R\% | 2.1 | 3.3 | 9.4 | 10.5 | 20.6 | 16.7 | 26.1 | 11.4 | 100.0 |
|  | C\% | 18.6 | 20.0 | 21.3 | 22.8 | 23.9 | 25.4 | 27.2 | 25.7 | 24.4 |
| 19 |  | 9,011 | 13,029 | 35,626 | 38,769 | 73,613 | 57,640 | 85,046 | 36,553 | 349,287 |
|  | R\% | 2.6 | 3.7 | 10.2 | 11.1 | 21.1 | 16.5 | 24.3 | 10.5 | 100.0 |
|  | C\% | 24.2 | 24.1 | 24.7 | 25.7 | 26.0 | 26.7 | 27.0 | 25.1 | 26.0 |
| 20 |  | 8,150 | 11,024 | 28,378 | 29,661 | 56,019 | 42,556 | 60,914 | 29,511 | 266,213 |
|  | R\% | 3.1 | 4.1 | 10.7 | 11.1 | 21.0 | 16.0 | 22.9 | 11.1 | 100.0 |
|  | C\% | 21.9 | 20.4 | 19.7 | 19.6 | 19.8 | 19.7 | 19.4 | 20.2 | 19.8 |
| 21 |  | 6,374 | 8,290 | 21,487 | 21,766 | 41,311 | 31,135 | 44,517 | 23,643 | 198,523 |
|  | R\% | 3.2 | 4.2 | 10.8 | 11.0 | 20.8 | 15.7 | 22.4 | 11.9 | 100.0 |
|  | C\% | 17.1 | 15.3 | 14.9 | 14.4 | 14.6 | 14.4 | 14.2 | 16.2 | 14.8 |
| 22 |  | 4,031 | 5,579 | 14,040 | 13,890 | 24,857 | 17,866 | 23,849 | 12,413 | 116,525 |
|  | R\% | 3.5 | 4.8 | 12.0 | 11.9 | 21.3 | 15.3 | 20.5 | 10.7 | 100.0 |
|  | C\% | 10.8 | 10.3 | 9.7 | 9.2 | 8.8 | 8.3 | 7.6 | 8.5 | 8.7 |
| 23 |  | 2,168 | 3,389 | 8,359 | 7,472 | 12,284 | 8,072 | 9,550 | 4,483 | 55,777 |
|  | R\% | 3.9 | 6.1 | 15.0 | 13.4 | 22.0 | 14.5 | 17.1 | 8.0 | 100.0 |
|  | C\% | 5.8 | 6.3 | 5.8 | 4.9 | 4.3 | 3.7 | 3.0 | 3.1 | 4.1 |
| 24 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | R\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | R\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | R\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | R\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | R\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | R\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | R\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31-40 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | R\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| OVER 40 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | $\mathrm{R} \%$ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| UNKNOWN |  | 20 | 63 | 242 | 250 | 362 | 247 | 276 | 101 | 1,561 |
|  | R\% | 1.3 | 4.0 | 15.5 | 16.0 | 23.2 | 15.8 | 17.7 | 6.5 | 100.0 |
|  | C\% | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| TOTAL |  | 37,226 | 54,058 | 144,192 | 151,010 | 282,657 | 216,198 | 314,517 | 145,798 | 1,345,656 |
|  | R\% | 2.8 | 4.0 | 10.7 | 11.2 | 21.0 | 16.1 | 23.4 | 10.8 | 100.0 |
|  | C\% | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TABLE 10-C
DISTRIBUTION OF PELL GRANT RECIPIENTS BY AGE AND FAMILY INCOME INDEPENDENT RECIPIENTS - AWARD YEAR 1988-89

| AGE |  | FAMILY INCOME |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { LESS THAN } \\ & \$ 1,001 \end{aligned}$ | $\begin{gathered} \$ 1,001 \\ 3,000 \end{gathered}$ | $\begin{array}{r} \$ 3,001- \\ 6,000 \end{array}$ | $\begin{gathered} \$ 6,001 \\ 9,000 \end{gathered}$ | $\begin{gathered} \$ 9,001- \\ 15,000 \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 20,000 \end{gathered}$ | $\begin{gathered} \$ 20,001- \\ 30,000 \end{gathered}$ | \$30,001+ | TOTAL |
| UNDER 17 |  | 273 | 253 | 239 | 57 | 32 | 3 | 2 | 0 | 859 |
|  | R\% | 31.8 | 29.5 | 27.8 | 6.6 | 3.7 | 0.3 | 0.2 | 0.0 | 100.0 |
|  | C\% | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 17 |  | 1,221 | 1,487 | 1,499 | 353 | 160 | 19 | 11 | 0 | 4,750 |
|  | R\% | 25.7 | 31.3 | 31.6 | 7.4 | 3.4 | 0.4 | 0.2 | 0.0 | 100.0 |
|  | C\% | 0.7 | 0.5 | 0.3 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.3 |
| 18 |  | 6,243 | 7,761 | 8,289 | 2,567 | 1,104 | 184 | 66 | 0 | 26,214 |
|  | R\% | 23.8 | 29.6 | 31.6 | 9.8 | 4.2 | 0.7 | 0.3 | 0.0 | 100.0 |
|  | C\% | 3.4 | 2.9 | 1.6 | 0.7 | 0.4 | 0.2 | 0.1 | 0.0 | 1.4 |
| 19 |  | 8,059 | 13,436 | 17,739 | 6,589 | 3,385 | 624 | 256 | 7 | 50,095 |
|  | R\% | 16.1 | 26.8 | 35.4 | 13.2 | 6.8 | 1.2 | 0.5 | 0.0 | 100.0 |
|  | C\% | 4.4 | 5.0 | 3.4 | 1.9 | 1.3 | 0.5 | 0.2 | 0.0 | 2.7 |
| 20 |  | 7,627 | 15,543 | 26,255 | 13,619 | 7,042 | 1,585 | 738 | 19 | 72,428 |
|  | R\% | 10.5 | 21.5 | 36.2 | 18.8 | 9.7 | 2.2 | 1.0 | 0.0 | 100.0 |
|  | C\% | 4.1 | 5.7 | 5.0 | 3.8 | 2.6 | 1.3 | 0.6 | 0.1 | 3.9 |
| 21 |  | 7,803 | 16,460 | 35,500 | 22,519 | 11,781 | 2,834 | 1,488 | 42 | 98,427 |
|  | R\% | 7.9 | 16.7 | 36.1 | 22.9 | 12.0 | 2.9 | 1.5 | 0.0 | 100.0 |
|  | C\% | 4.2 | 6.1 | 6.8 | 6.3 | 4.4 | 2.4 | 1.3 | 0.3 | 5.3 |
| 22 |  | 7,824 | 16,523 | 39,730 | 27,231 | 15,111 | 4,064 | 2,564 | 90 | 113,137 |
|  | R\% | 6.9 | 14.6 | 35.1 | 24.1 | 13.4 | 3.6 | 2.3 | 0.1 | 100.0 |
|  | C\% | 4.2 | 6.1 | 7.6 | 7.7 | 5.6 | 3.4 | 2.2 | 0.5 | 6.1 |
| 23 |  | 7,422 | 14,736 | 36,860 | 27,248 | 16,171 | 5,036 | 3,660 | 157 | 111,290 |
|  | R\% | 6.7 | 13.2 | 33.1 | 24.5 | 14.5 | 4.5 | 3.3 | 0.1 | 100.0 |
|  | C\% | 4.0 | 5.4 | 7.0 | 7.7 | 6.0 | 4.3 | 3.2 | 0.9 | 6.0 |
| 24 |  | 20,972 | 29,057 | 49,129 | 32,816 | 17,277 | 6,120 | 4,844 | 255 | 160,470 |
|  | R\% | 13.1 | 18.1 | 30.6 | 20.4 | 10.8 | 3.8 | 3.0 | 0.2 | 100.0 |
|  | C\% | 11.3 | 10.7 | 9.4 | 9.2 | 6.4 | 5.2 | 4.2 | 1.5 | 8.7 |
| 25 |  | 15,105 | 22,363 | 38,444 | 26,184 | 15,976 | 6,500 | 5,539 | 348 | 130,459 |
|  | R\% | 11.6 | 17.1 | 29.5 | 20.1 | 12.2 | 5.0 | 4.2 | 0.3 | 100.0 |
|  | C\% | 8.2 | 8.3 | 7.3 | 7.4 | 5.9 | 5.5 | 4.9 | 2.1 | 7.0 |
| 26 |  | 12,138 | 17,309 | 31,403 | 21,705 | 15,174 | 6,765 | 6,111 | 464 | 111,069 |
|  | R\% | 10.9 | 15.6 | 28.3 | 19.5 | 13.7 | 6.1 | 5.5 | 0.4 | 100.0 |
|  | C\% | 6.6 | 6.4 | 6.0 | 6.1 | 5.6 | 5.7 | 5.4 | 2.8 | 6.0 |
| 27 |  | 10,005 | 13,979 | 26,611 | 18,596 | 14,190 | 6,829 | 6,603 | 500 | 97,313 |
|  | R\% | 10.3 | 14.4 | 27.3 | 19.1 | 14.6 | 7.0 | 6.8 | 0.5 | 100.0 |
|  | C\% | 5.4 | 5.2 | 5.1 | 5.2 | 5.3 | 5.8 | 5.8 | 3.0 | 5.3 |
| 28 |  | 8,801 | 11,893 | 23,623 | 16,682 | 13,725 | 6,447 | 6,887 | 655 | 88,713 |
|  | R\% | 9.9 | 13.4 | 26.6 | 18.8 | 15.5 | 7.3 | 7.8 | 0.7 | 100.0 |
|  | C\% | 4.8 | 4.4 | 4.5 | 4.7 | 5.1 | 5.5 | 6.0 | 3.9 | 4.8 |
| 29 |  | 7,572 | 10,149 | 20,937 | 14,790 | 12,692 | 6,416 | 6,788 | 662 | 80,006 |
|  | R\% | 9.5 | 12.7 | 26.2 | 18.5 | 15.9 | 8.0 | 8.5 | 0.8 | 100.0 |
|  | C\% | 4.1 | 3.7 | 4.0 | 4.2 | 4.7 | 5.4 | 5.9 | 4.0 | 4.3 |
| 30 |  | 6,817 | 9,123 | 18,873 | 13,307 | 12,459 | 6,296 | 6,720 | 725 | 74,320 |
|  | R\% | 9.2 | 12.3 | 25.4 | 17.9 | 16.8 | 8.5 | 9.0 | 1.0 | 100.0 |
|  | C\% | 3.7 | 3.4 | 3.6 | 3.7 | 4.6 | 5.3 | 5.9 | 4.4 | 4.0 |
| 31-40 |  | 41,211 | 51,851 | 110,201 | 83,124 | 85,816 | 44,623 | 48,217 | 8,195 | 473,238 |
|  | R\% | 8.7 | 11.0 | 23.3 | 17.6 | 18.1 | 9.4 | 10.2 | 1.7 | 100.0 |
|  | C\% | 22.3 | 19.2 | 21.0 | 23.4 | 31.9 | 37.8 | 42.2 | 49.2 | 25.5 |
| OVER 40 |  | 15,594 | 18,632 | 38,635 | 27,294 | 26,683 | 13,558 | 13,642 | 4,524 | 158,562 |
|  | R\% | 9.8 | 11.8 | 24.4 | 17.2 | 16.8 | 8.6 | 8.6 | 2.9 | 100.0 |
|  | C\% | 8.4 | 6.9 | 7.4 | 7.7 | 9.9 | 11.5 | 11.9 | 27.2 | 8.6 |
| UNKNOWN |  | 117 | 187 | 386 | 243 | 189 | 74 | 69 | 15 | 1,280 |
|  | R\% | 9.1 | 14.6 | 30.2 | 19.0 | 14.8 | 5.8 | 5.4 | 1.2 | 100.0 |
|  | C\% | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| TOTAL |  | 184,804 | 270,742 | 524,353 | 354,924 | 268,967 | 117,977 | 114,205 | 16,658 | 1,852,630 |
|  | R\% | 10.0 | 14.6 | 28.3 | 19.2 | 14.5 | 6.4 | 6.2 | 0.9 | 100.0 |
|  | C\% | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

## CHAPTER 3

## MISCELLANEOUS

## Award Period 1988-89

## Table 11

# Distribution of Pell Grant Recipients By Family Income and Dependent Student Earnings 

Award Period 1988-89

Table 11 presents a distribution of dependent Pell Grant recipients by family income and student earnings. The dependent student earnings for this table equal the sum of the student's (and spouse's) 1987 taxable and nontaxable income minus the amount of 1987 Federal taxes paid. Dependent recipients who did not report any 1987 earnings--about 39 percent of all depen-dents--are not included in the table.

Few dependents reported a large amount of earnings. For example, only 14 percent of the dependent recipients included in Table 11 had earnings that exceeded $\$ 4,000$ in 1987, the year reported on the 1988-89 application. More than one half ( 64 percent) of all dependents who reported income had earnings between $\$ 1,000$ and $\$ 4,000$.

The distribution of dependent student earnings for all dependent students is depicted in Figure 8. Thirty-nine percent reported no earnings, 14 percent earned up to $\$ 1,000,39$ percent earned from $\$ 1,001$ to $\$ 4,000$, and 9 percent earned more than $\$ 4,000$.

A comparison of Table 11 with other End-ofYear Report tables that display distributions of recipients by family income indicates that dependent recipients whose parents had relatively large incomes were more likely to report earnings than dependents whose parents had little income. For example, 69 percent of dependent recipients whose parents had incomes greater than $\$ 15,000$ reported earnings in 1987 (and therefore are included in Table 11). About 49 percent of dependents with family incomes of $\$ 6,000$ and less reported student earnings.

Figure 8
Distribution of Dependent Pell Grant Recipients By Student Earnings


TABLE 11
DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND DEPENDENT STUDENT EARNINGS
AWARD YEAR 1988-89

| FAMILY INCOME | DEPENDENT STUDENT EARNINGS |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-500 | $\begin{gathered} \$ 501- \\ 1,000 \end{gathered}$ | $\begin{gathered} \$ 1,001- \\ 1,500 \end{gathered}$ | $\begin{gathered} \$ 1,001- \\ 2,000 \end{gathered}$ | $\begin{gathered} \$ 2,001- \\ 3,200 \end{gathered}$ | $\begin{gathered} \$ 3,201- \\ 4,000 \end{gathered}$ | $\begin{gathered} \$ 4,001- \\ 5,000 \end{gathered}$ | $\begin{gathered} \$ 5,000- \\ 7,500 \end{gathered}$ | $\begin{gathered} \$ 7,501- \\ 10,000 \end{gathered}$ | \$10,000 + | TOTAL |
| LESS THAN \$1,001 | 2,690 | 3,214 | 2,792 | 2,488 | 5,181 | 2,466 | 2,067 | 2,463 | 656 | 189 | 24,206 |
| R\% | 11.11 | 13.28 | 11.53 | 10.28 | 21.40 | 10.19 | 8.54 | 10.18 | 2.71 | 0.78 | 100.00 |
| C\% | 3.40 | 3.01 | 2.69 | 2.44 | 2.39 | 2.38 | 2.99 | 6.31 | 0.00 | 16.64 | 2.93 |
| \$1,001 - 3,000 | 2,646 | 3,308 | 3,099 | 2,822 | 5,318 | 2,571 | 2,207 | 2,547 | 656 | 164 | 25,338 |
| R\% | 10.44 | 13.06 | 12.23 | 11.14 | 20.99 | 10.15 | 8.71 | 10.05 | 2.59 | 0.65 | 100.00 |
| C\% | 3.35 | 3.10 | 2.99 | 2.77 | 2.45 | 2.49 | 3.19 | 6.53 | 0.00 | 14.44 | 3.07 |
| \$3,001 - 6,000 | 6,605 | 8,899 | 7,733 | 6,980 | 13,539 | 7,296 | 6,597 | 7,145 | 1,563 | 250 | 66,607 |
| R\% | 9.92 | 13.36 | 11.61 | 10.48 | 20.33 | 10.95 | 9.90 | 10.73 | 2.35 | 0.38 | 100.00 |
| C\% | 8.36 | 8.33 | 7.46 | 6.86 | 6.24 | 7.05 | 9.55 | 18.31 | 0.00 | 22.01 | 8.06 |
| \$6,001 - 9,000 | 7,449 | 10,147 | 8,974 | 8,287 | 16,525 | 8,459 | 7,519 | 7,833 | 1,232 | 174 | 76,599 |
| R\% | 9.72 | 13.25 | 11.72 | 10.82 | 21.57 | 11.04 | 9.82 | 10.23 | 1.61 | 0.23 | 100.00 |
| C\% | 9.42 | 9.50 | 8.66 | 8.14 | 7.61 | 8.18 | 10.88 | 20.07 | 0.00 | 15.32 | 9.27 |
| \$9,001 - 15,000 | 15,394 | 21,713 | 20,089 | 19,298 | 40,166 | 20,007 | 16,647 | 11,035 | 994 | 154 | 165,497 |
| R\% | 9.30 | 13.12 | 12.14 | 11.66 | 24.27 | 12.09 | 10.06 | 6.67 | 0.60 | 0.09 | 100.00 |
| C\% | 19.48 | 20.33 | 19.39 | 18.96 | 18.50 | 19.35 | 24.09 | 28.28 | 0.00 | 13.56 | 20.02 |
| \$15,001 - 20,000 | 13,072 | 17,640 | 17,526 | 17,388 | 37,830 | 18,378 | 13,497 | 4,341 | 192 | 46 | 139,910 |
| R\% | 9.34 | 12.61 | 12.53 | 12.43 | 27.04 | 13.14 | 9.65 | 3.10 | 0.14 | 0.03 | 100.00 |
| C\% | 16.54 | 16.52 | 16.91 | 17.09 | 17.43 | 17.77 | 19.53 | 11.13 | 0.00 | 4.05 | 16.93 |
| \$20,001 - 30,000 | 21,047 | 27,998 | 28,675 | 29,182 | 63,301 | 29,281 | 15,278 | 2,885 | 200 | 91 | 217,938 |
| R\% | 9.66 | 12.85 | 13.16 | 13.39 | 29.05 | 13.44 | 7.01 | 1.32 | 0.09 | 0.04 | 100.00 |
| C\% | 26.63 | 26.22 | 27.67 | 28.67 | 29.16 | 28.31 | 22.11 | 7.39 | 0.00 | 8.01 | 26.37 |
| \$30,001 + | 10,140 | 13,864 | 14,736 | 15,324 | 35,225 | 14,960 | 5,287 | 771 | 141 | 68 | 110,516 |
| R\% | 9.18 | 12.54 | 13.33 | 13.87 | 31.87 | 13.54 | 4.78 | 0.70 | 0.13 | 0.06 | 100.00 |
| C\% | 12.83 | 12.98 | 14.22 | 15.06 | 16.23 | 14.47 | 7.65 | 1.98 | 0.00 | 5.99 | 13.37 |
| TOTAL | 79,043 | 106,783 | 103,624 | 101,769 | 217,085 | 103,418 | 69,099 | 39,020 | 5,634 | 1,136 | 826,611 |
| R\% | 9.56 | 12.92 | 12.54 | 12.31 | 26.26 | 12.51 | 8.36 | 4.72 | 0.68 | 0.14 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 | 100.00 |

## Table 12

# Summary Statistics for Pell Grant Applicants Reporting Veteran's Benefits 

Award Period 1988-89

Table 12 presents data on Pell Grant applicants reporting Gl Bill and Dependents Educational Assistance Benefits.

During award period 1988-89, 62,187 students, constituting approximately 2 percent of all Pell Grant applicants, reported receiving these Veteran's benefits on an official application. Approximately three of every four applicants reporting Veteran's benefits ( 74 percent) were independent. ${ }^{3}$ Figure 9 shows the number of applicants and recipients reporting Veteran's benefits by dependency status.

Table 12 also shows that applicants reporting Veteran's benefits qualified for a Pell Grant at a slightly higher rate than applicants in general--a 69 percent eligibility rate for veterans versus a 64 percent qualification rate for the entire applicant pool. This difference is explained by the fact that the qualification rate for independents, which most veteran's benefit recipients are, was 86 percent compared to 56 percent for dependents. Also consistent with the general applicant population was the fact that independents who reported Veteran's benefits qualified at a greater rate ( 75 percent) than their dependent counterparts (53 percent).

Eligible applicants who reported Veteran's benefits were more likely to receive a Pell Grant than

3 The reader should note that beginning in 198788, all veterans were considered independent. However, a student need not be a veteran to receive Veteran's benefits. The 20 percent who were dependent and received benefits evidently were not veterans.
other applicants--79 percent of eligible veterans versus 76 percent of all eligible applicants.

Veterans were selected for institutional verification at the same rate as the general population. Approximately 41 percent of eligible veterans were selected versus 45 percent of all eligible Pell Grant applicants. The selection rate for eligible dependent applicants reporting Veteran's benefits ( 66 percent) was higher than the rate for their independent counterparts ( 35 percent).

The average grant for veterans reporting benefits was $\$ 1,425$, slightly more than the general population average of $\$ 1,399$. This is a shift from 1987-88 when the average grant for those reporting Veteran's benefits was slightly lower than the general population. Program funds directed toward students with Veteran's benefits in 1988-89 totalled $\$ 48.6$ million, or 1.1 percent of all program expenditures.

Figure 9 Number of Applicants/Recipients Reporting VA Benefits



# SUMMARY STATISTICS FOR PELL GRANT APPLICANTS REPORTING VETERAN'S BENEFITS AWARD YEAR 1988-89 

|  | DEPENDENT | INDEPENDENT | TOTAL |
| :---: | :---: | :---: | :---: |
| NUMBER OF APPLICANTS |  |  |  |
| SUBMITTING OFFICIAL APPLICATIONS | 16,171 | 46,016 | 62,187 |
| NUMBER OF APPLICANTS |  |  |  |
| SUBMITTING VALID APPLICATIONS | 15,112 | 43,282 | 58,394 |
| NUMBER AND PERCENT OF |  |  |  |
| QUALIFIED | 8,605 | 34,403 | 43,008 |
| APPLICANTS | 53.21 | 74.76 | 69.16 |
| NUMBER AND PERCENT OF |  |  |  |
| NON-QUALIFIED | 6,507 | 8,879 | 15,386 |
| APPLICANTS | 40.24 | 19.30 | 24.74 |
| NUMBER AND PERCENT OF |  |  |  |
| APPLICATIONS RETURNED FOR INSUFFICIENT DATA | 1,059 | 2,734 | 3,793 |
| NEVER RE-SUBMITTED FOR PROCESSING | 6.55 | 5.94 | 6.10 |
| NUMBER OF APPLICANTS |  |  |  |
| SUBMITTING UNOFFICIAL APPLICATIONS | 855 | 1,714 | 2,569 |
| NUMBER OF APPLICANTS |  |  |  |
| SELECTED FOR VALIDATION | 5,702 | 11,882 | 17,584 |
| NUMBER OF PELL GRANT |  |  |  |
| RECIPIENTS | 6,886 | 27,238 | 34,124 |
| TOTAL EXPENDITURES | \$9,284,342 | \$39,331,455 | \$48,615,797 |
| AVERAGE GRANT | \$1,348 | \$1,444 | \$1,425 |

Table 13

# Distribution of Pell Grant Applicants By Eligibility Status and Income Range 

Award Period 1988-89

Table 13 presents a distribution of Pell Grant applicants by eligibility status and income range. Unlike other tables in the End-of-Year Report, Table 13 is based on data from the Management Information System of the Pell Grant Application Processing System. It includes data on all applicants rather than recipients only. it also employs family income categories that differ from the other tables in this report.

Table 13 shows that seven of every ten applicants ( 71 percent) qualified to receive a Pell Grant in 1988-89. Independents qualified at a much higher rate than dependent applicants. Although independent applicants slightly outnumbered dependent applicants (by about 51 percent to 49 percent), far more independents were qualified to receive aid ( 85 percent) than dependents ( 56 percent).

Income explains the differences in eligibility rates. As the table shows, most independent applicants reported little income. For example, 55 percent reported having a family income of $\$ 7,500$ or less in 1987. By comparison, only 13 percent of the nearly 3 million dependent applicants were in this low income range.

Low income applicants-both independent and dependent--were much more likely to qualify for a grant than their higher income counterparts. For example, more than 99 percent of all applicants with family incomes of up to $\$ 7,500$ qualified, while 43 percent of applicants with incomes exceeding $\$ 15,000$ qualified. The very small group of low income applicants who did not qualify most likely reported sizable assets. Those in the high income group who qualified most likely had a large family, more than one family member in postsecondary education, few liquid assets, high medical and dental expenses. or a large amount of tuition paid for a child attending elementary or secondary schooi.

A comparison with 1987-88 data shows that low income applicants qualified at about the same rate as low income applicants last year: over 99 percent of those with family incomes of $\$ 7,500$ or less in both years were eligible. However, slightly more high income applicants qualified. For example, in 1987-88, 32 percent of applicants with incomes greater than $\$ 15,000$ were eligible; in 1988-89 43 percent of the students in this income group were eligible.

DISTRIBUTION OF PELL GRANT APPLICANTS BY ELIGIBILITY STATUS AND INCOME RANGE

| ALL APPLICANTS | INCOME RANGE |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$0-4,000 | $\begin{gathered} \hline \$ 4,001- \\ 7,500 \end{gathered}$ | $\begin{gathered} \hline \$ 7,501- \\ 10,000 \end{gathered}$ | $\begin{gathered} \$ 10,001 \text { - } \\ 12,000 \end{gathered}$ | $\begin{gathered} \$ 12,001- \\ 15,000 \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 20,000 \end{gathered}$ | $\begin{gathered} \hline \$ 20,001 \text { - } \\ 25,000 \end{gathered}$ | $\begin{gathered} \hline \$ 25,001- \\ 30,000 \end{gathered}$ | $\begin{gathered} \hline \$ 30,001 \text { - } \\ 35,000 \end{gathered}$ | \$35,000 + | TOTAL |
| TOTAL QUALIFIED APPLICANTS | 1,049,652 | 985,576 | 457,339 | 236,995 | 306,920 | 411,017 | 318,008 | 211,398 | 100,053 | 97,805 | 4,174,763 |
| PERCENT OF TOTAL QUALIFIED APPLICANTS | 25.1 | 23.6 | 11.0 | 5.7 | 7.4 | 9.8 | 7.6 | 5.1 | 2.4 | 2.3 | 100.0 |
| TOTAL APPLICANTS | 1,052,442 | 991,142 | 493,462 | 316,622 | 406,300 | 539,170 | 427,595 | 353,526 | 290,986 | 1,019,992 | 5,891,237 |
| PERCENT OF TOTAL APPLICANTS | 17.9 | 16.8 | 8.4 | 5.4 | 6.9 | 9.2 | 7.3 | 6.0 | 4.9 | 17.3 | 100.0 |


| DEPENDENT APPLICANTS | INCOME RANGE |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$0-4,000 | $\begin{gathered} \hline \$ 4,001- \\ 7,500 \end{gathered}$ | $\begin{gathered} \hline \$ 7,501- \\ 10,000 \end{gathered}$ | $\begin{gathered} \$ 10,001- \\ 12,000 \end{gathered}$ | $\begin{gathered} \hline \$ 12,001 \text { - } \\ 15,000 \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 20,000 \end{gathered}$ | $\begin{gathered} \hline \$ 20,001 \text { - } \\ 25,000 \end{gathered}$ | $\begin{gathered} \hline \$ 25,001 \text { - } \\ 30,000 \end{gathered}$ | $\begin{gathered} \hline \$ 30,001 \text { - } \\ 35,000 \end{gathered}$ | \$35,000 + | TOTAL |
| TOTAL QUALIFIED APPLICANTS | 166,216 | 220,868 | 149,620 | 113,598 | 165,459 | 256,857 | 220,542 | 156,691 | 84,243 | 90,893 | 1,624,987 |
| PERCENT OF TOTAL QUALIFIED APPLICANTS | 10.2 | 13.6 | 9.2 | 7.0 | 10.2 | 15.8 | 13.6 | 9.6 | 5.2 | 5.6 | 100.0 |
| TOTAL APPLICANTS | 167,998 | 223,989 | 155,570 | 121,546 | 183,982 | 304,747 | 288,842 | 268,721 | 241,371 | 950,471 | 2,907,237 |
| PERCENT OF TOTAL APPLICANTS | 5.8 | 7.7 | 5.4 | 4.2 | 6.3 | 10.5 | 9.9 | 9.2 | 8.3 | 32.7 | 100.0 |


| INDEPENDENT APPLICANTS | INCOME RANGE |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$0-4,000 | $\begin{gathered} \hline \$ 4,001- \\ 7,500 \end{gathered}$ | $\begin{aligned} & \hline \$ 7,501- \\ & 10,000 \end{aligned}$ | $\begin{gathered} \$ 10,001 \text { - } \\ 12,000 \end{gathered}$ | $\begin{gathered} \$ 12,001- \\ 15,000 \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 20,000 \end{gathered}$ | $\begin{gathered} \$ 20,001- \\ 25,000 \end{gathered}$ | $\begin{gathered} \$ 25,001- \\ 30,000 \end{gathered}$ | $\begin{gathered} \$ 30,001- \\ 35,000 \end{gathered}$ | \$35,000 + | TOTAL |
| TOTAL QUALIFIED APPLICANTS | 883,436 | 764,708 | 307,719 | 123,397 | 141,461 | 154,160 | 97,466 | 54,707 | 15,810 | 6,912 | 2,549,776 |
| PERCENT OF TOTAL QUALIFIED APPLICANTS | 34.6 | 30.0 | 12.1 | 4.8 | 5.5 | 6.0 | 3.8 | 2.1 | 0.6 | 0.3 | 100.0 |
| TOTAL APPLICANTS | 884,444 | 767,153 | 337,892 | 195,076 | 222,318 | 234,423 | 138,753 | 84,805 | 49,615 | 69,521 | 2,984,000 |
| PERCENT OF TOTAL APPLICANTS | 29.6 | 25.7 | 11.3 | 6.5 | 7.5 | 7.9 | 4.6 | 2.8 | 1.7 | 2.3 | 100.0 |

Table 14

# Pell Grant Recipient Enrollment Status By Type and Control of Institution 

Award Period 1988-89

Table 14 shows the distribution of Pell Grant recipients by enrollment status and type and control of institution.

In comparing this data to that of the 1987-88 award year, there is a drop in full-time students (from 80 percent in 1987-88 to 73 percent in 1988-89) and corresponding increase in halftime students (from 3 percent in 1987-88 to 9 percent in 1988-89). This indicates a trend toward part-time study. Approximately 14 percent of the recipients had no reported enrollment status or changed their status within the award year. (For example, went from fulltime during the fall semester to half-time during the spring). These students are excluded from Table 14.

Enroliment status varied by dependency status. A little less than half the full-time recipients were dependent (48 percent) and slightly more than half were independent ( 52 percent). However, part-time recipients were much more likely to be independent. Four times as many three-quarter time recipients were independent ( 80 percent) than dependent ( 20 percent) and more than five times as many half-time students claimed independent status ( 85 percent) than dependent status ( 15 percent).

Enrollment status varied considerably by whether the school was public, private, nonprofit, or profit-making. Of total full-time recipients, 59 percent attended public schools, 20 percent attended private, non-profit schools, and 20 percent attended profit-making schools. Fifty-one percent of three-quarter time
students attended public institutions, 14 percent were enrolled in private, non-profit schools, and 35 percent attended profit-making schools.

There has been a dramatic shift from $1987-88$ to $1988-89$ in the distribution of half-time students. Of total half-time recipients, the proportion enrolled at public institutions dropped from 64 percent in 1987-88 to 30 percent in 1988-89. That trend was reversed at profit-making schools, where the percentage of total half-time recipients jumped from 22 percent in 1987-88 to 61 percent in 1988-89. Half-time enrollment at private, non-profit institutions fell from 14 to 8 percent.

Attendance patterns also varied by the length of program offered by the school. Recipients in schools offering programs of 5 years or longermany of which are large state universitieswere more often full-time than recipients attending other schools. This category of schools had 83 percent full-time recipients in 198889, and only 1 percent and 2 percent threequarter and half-time recipients, respectively. (Enrollment status changed within the reporting period or was not on file for the remaining 14 percent).

Institutions where commuters make up a large portion of the student body attracted part-time students at a slightly greater rate. For example, schools offering programs 2 to 3 years in length-most of which are 2 -year community colleges-had 67 percent full-time, 4 percent three-quarter time, and 9 percent half-time recipients.

TABLE 14
PELLGRANT RECIPIENT ENROLLMENT STATUS
BY TYPE AND CONTROL OF INSTITUTION
ALL INSTITUTIONS - AWARD PERIOD 1988-89

| TYPE OF INSTITUTION | FULL TIME |  |  | THREE QUARTER TIME |  |  | HALF TIME |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | TOTAL | DEPENDENTS | INDEPENDENTS | TOTAL | DEPENDENTS | INDEPENDENTS | TOTAL | DEPENDENTS | INDEPENDENTS |
| TOTAL PUBLIC INSTITUTIONS | 1,390,760 | 721,476 | 669,284 | 54,695 | 12,072 | 42,623 | 87,262 | 11,551 | 75,711 |
| FIVE YEARS OR MORE | 749,853 | 453,071 | 296,782 | 10,993 | 3,185 | 7,808 | 14,267 | 2,130 | 12,137 |
| FOUR-YEAR NO GRADUATE | 138,034 | 78,523 | 59,511 | 3,183 | 779 | 2,404 | 5,060 | 585 | 4,475 |
| THREE YEARS BUT LESS THAN FOUR YEARS | 2,284 | 545 | 1,739 | 241 | 22 | 219 | 293 | 17 | 276 |
| TWO YEARS BUT LESS THAN THREE YEARS | 485,800 | 185,799 | 300,001 | 37,857 | 7,672 | 30,185 | 63,016 | 8,173 | 54,843 |
| ONE YEAR BUT LESS THAN TWO YEARS | 11,159 | 2,657 | 8,502 | 1,782 | 296 | 1,486 | 3,674 | 515 | 3,159 |
| SIX MONTHS BUT LESS THAN ONE YEAR | 3,630 | 881 | 2,749 | 639 | 118 | 521 | 952 | 131 | 821 |
| TOTAL PRIVATE, NON-PROFIT | 477,926 | 294,947 | 182,979 | 14,555 | 2,429 | 12,126 | 23,841 | 2,744 | 21,097 |
| FIVE YEARS OR MORE | 178,058 | 116,385 | 61,673 | 3,464 | 801 | 2,663 | 4,793 | 544 | 4,249 |
| FOUR-YEAR NO GRADUATE | 240,993 | 153,139 | 87,854 | 7,483 | 980 | 6,503 | 11,847 | 848 | 10,999 |
| THREE YEARS BUT LESS THAN FOUR YEARS | 3,449 | 1,427 | 2,022 | 168 | 46 | 122 | 143 | 30 | 113 |
| TWO YEARS BUT LESS THAN THREE YEARS | 41,095 | 19,912 | 21,183 | 2,195 | 389 | 1,806 | 4,161 | 519 | 3,642 |
| ONE YEAR BUT LESS THAN TWO YEARS | 11,135 | 3,619 | 7,516 | 630 | 128 | 502 | 2,340 | 748 | 1,592 |
| SIX MONTHS BUT LESS THAN ONE YEAR | 3,196 | 465 | 2,731 | 615 | 85 | 530 | 557 | 55 | 502 |
| TOTAL PRIVATE, PROFIT-MAKING | 473,175 | 116,919 | 356,256 | 37,247 | 6,977 | 30,270 | 175,733 | 28,991 | 146,742 |
| FIVE YEARS OR MORE | 402 | 76 | 326 | 32 | 1 | 31 | 2 | 0 | 2 |
| FOUR-YEAR NO GRADUATE | 19,754 | 7,364 | 12,390 | 1,122 | 187 | 935 | 1,256 | 149 | 1,107 |
| THREE YEARS BUT LESS THAN FOUR YEARS | 5,436 | 1,919 | 3,517 | 142 | 30 | 112 | 1,060 | 194 | 866 |
| TWO YEARS BUT LESS THAN THREE YEARS | 152,724 | 41,011 | 111,713 | 4,612 | 758 | 3,854 | 20,753 | 3,150 | 17,603 |
| ONE YEAR BUT LESS THAN TWO YEARS | 161,453 | 37,669 | 123,784 | 9,862 | 2,026 | 7,836 | 67,687 | 11,591 | 56,096 |
| SIX MONTHS BUT LESS THAN ONE YEAR | 133,406 | 28,880 | 104,526 | 21,477 | 3,975 | 17,502 | 84,975 | 13,907 | 71,068 |
| TOTAL | 2,341,861 | 1,133,342 | 1,208,519 | 106,497 | 21,478 | 85,019 | 286,836 | 43,286 | 243,550 |

Table 15

# Distribution of Pell Grant Recipients Paid on a Simplified Needs Test SAI By Family Income and Grant Level 

Award Period 1988-89<br>15A - Total<br>15B - Dependent<br>15C - Independent

Tables 15A, 15B, and 15C show the distribution of Pell recipients who qualified for and were paid on the basis of the Simplified Needs Test (SNT) by family income and grant level. SNT, which is intended to reduce the burden associated with completing an application for Federal student aid, was first implemented in 1988-89. It permits applicants with low family income (AGI or earned income of $\$ 15,000$ or less), who either filed their Federal income tax return on a short form (Form 1040A or 1040EZ) or did not file to omit all application sections regarding assets, expenses, veterans educational benefits, and expected income and benefits.

As shown in Table 15A, more than $1,575,000$ recipients qualified for their grants through SNT. This represents 49 percent of all recipients in 1988-89. Of these SNT-qualified recipients, more than $1,250,000$ ( 79 percent of the recipients) were independent compared to over 325,000 ( 21 percent) who were dependent (see Tables 15B and 15C). Another way of showing the extent to which independents dominate over dependents in qualifying for SNT is to examine the percentage of all recipients in each dependency status category who were paid on SNT. Two thirds ( 67 percent) of all independent student recipients were paid on SNT compared to only 24 percent of dependent student recipients.

Table 15A shows the distributions of all SNT recipients by family income and grant level. To be consistent with other tables in this report, family income as shown here includes both
taxable income (or earned income for non-tax filers) and nontaxable income such as Social Security benefits, AFDC, and child support. All SNT recipients, however, had taxable or earned income of $\$ 15,000$ or less.

Overall, Table 15A indicates that the largest single group of SNT recipients (more than 411,000 or 26 percent of the total) received the maximum grant. As expected of low income recipients, this is greater than the 17 percent of all Pell recipients (see Table 3) who received the maximum grant. Only 2 percent of these SNT recipients had a total family income, including income from nontaxable sources, of more than $\$ 15,000$. Sixty percent of this group had total family incomes of $\$ 6,000$ or less and 82 percent had total family incomes of $\$ 9,000$ or less.

Once qualification for SNT has been determined, there are relatively few differences between those who are dependent (Table 15B) and those who are independent (Table 15C). About the same percentage of each group ( 27 percent of dependents and 26 percent of independents) received the maximum grant. Consistent with the finding that family income for dependent students is generally higher than that of independent students, only 42 percent of dependent SNT recipients reported family income of up to $\$ 6,000$ compared with 65 percent of independent SNT recipients. Still few of each group ( 5 percent of dependents and 1 percent of independents) reported total family incomes of over $\$ 15,000$.

TABLE 15-A
DISTRIBUTION OF PELL GRANT RECIPIENTS PAID ON A SIMPLIFIED NEEDS TEST STUDENT AID INDEX
BY FAMILY INCOME AND GRANT LEVEL
ALL RECIPIENTS - AWARD YEAR 1988-89

|  | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FAMILY INCOME | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 |  |
| LESS THAN \$1,001 | 5,046 | 14,328 | 17,103 | 29,267 | 18,195 | 14,218 | 23,703 | 47,121 | 168,981 |
| R\% | 2.99 | 8.48 | 10.12 | 17.32 | 10.77 | 8.41 | 14.03 | 27.89 | 100.00 |
| C\% | 16.51 | 13.09 | 10.59 | 10.75 | 9.90 | 9.60 | 9.14 | 11.46 | 10.72 |
| \$1,001-3,000 | 2,257 | 12,959 | 23,786 | 48,656 | 28,841 | 21,099 | 37,984 | 87,605 | 263,187 |
| $\mathrm{R} \%$ | 0.86 | 4.92 | 9.04 | 18.49 | 10.96 | 8.02 | 14.43 | 33.29 | 100.00 |
| C\% | 7.39 | 11.84 | 14.73 | 17.88 | 15.70 | 14.25 | 14.64 | 21.31 | 16.70 |
| \$3,001-6,000 | 4,344 | 25,287 | 48,468 | 91,024 | 58,267 | 42,715 | 79,713 | 169,166 | 518,984 |
| R\% | 0.84 | 4.87 | 9.34 | 17.54 | 11.23 | 8.23 | 15.36 | 32.60 | 100.00 |
| C\% | 14.22 | 23.11 | 30.01 | 33.44 | 31.72 | 28.85 | 30.73 | 41.15 | 32.93 |
| \$6,001-9,000 | 8,766 | 31,412 | 42,089 | 58,402 | 42,946 | 35,330 | 50,128 | 71,659 | 340,732 |
| $\mathrm{R} \%$ | 2.57 | 9.22 | 12.35 | 17.14 | 12.60 | 10.37 | 14.71 | 21.03 | 100.00 |
| C\% | 28.69 | 28.70 | 26.06 | 21.46 | 23.38 | 23.86 | 19.33 | 17.43 | 21.62 |
| \$9,001 - 15,000 | 9,232 | 22,234 | 25,740 | 40,035 | 30,066 | 29,114 | 63,287 | 34,784 | 254,492 |
| R\% | 3.63 | 8.74 | 10.11 | 15.73 | 11.81 | 11.44 | 24.87 | 13.67 | 100.00 |
| C\% | 30.21 | 20.32 | 15.94 | 14.71 | 16.37 | 19.66 | 24.40 | 8.46 | 16.15 |
| \$15,001 - 20,000 | 458 | 2,178 | 3,192 | 3,717 | 4,605 | 4,789 | 4,198 | 687 | 23,824 |
| R\% | 1.92 | 9.14 | 13.40 | 15.60 | 19.33 | 20.10 | 17.62 | 2.88 | 100.00 |
| C\% | 1.50 | 1.99 | 1.98 | 1.37 | 2.51 | 3.23 | 1.62 | 0.17 | 1.51 |
| \$20,001 - 30,000 | 426 | 994 | 1,071 | 1,041 | 755 | 773 | 348 | 78 | 5,486 |
| R\% | 7.77 | 18.12 | 19.52 | 18.98 | 13.76 | 14.09 | 6.34 | 1.42 | 100.00 |
| C\% | 1.39 | 0.91 | 0.66 | 0.38 | 0.41 | 0.52 | 0.13 | 0.02 | 0.35 |
| \$30,001 + | 27 | 45 | 42 | 29 | 21 | 15 | 8 | 4 | 191 |
| R\% | 14.14 | 23.56 | 21.99 | 15.18 | 10.99 | 7.85 | 4.19 | 2.09 | 100.00 |
| C\% | 0.09 | 0.04 | 0.03 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 |
| TOTAL | 30,556 | 109,437 | 161,491 | 272,171 | 183,696 | 148,053 | 259,369 | 411,104 | 1,575,877 |
| R\% | 1.94 | 6.94 | 10.25 | 17.27 | 11.66 | 9.39 | 16.46 | 26.09 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

## TABLE 15-B

DISTRIBUTION OF PELL GRANT RECIPIENTS PAID ON A SIMPLIFIED NEEDS TEST STUDENT AID INDEX BY FAMILY INCOME AND GRANT LEVEL DEPENDENT RECIPIENTS - AWARD YEAR 1988-89

| FAMILY INCOME |  | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 |  |
| LESS THAN \$1,001 |  | 81 | 550 | 927 | 1,725 | 1,397 | 1,171 | 2,303 | 4,233 | 12,387 |
|  | R\% | 0.65 | 4.44 | 7.48 | 13.93 | 11.28 | 9.45 | 18.59 | 34.17 | 100.00 |
|  | C\% | 2.77 | 4.27 | 3.47 | 3.69 | 3.55 | 3.17 | 3.24 | 4.75 | 3.80 |
| \$1,001 - 3,000 |  | 256 | 1,308 | 2,697 | 5,223 | 4,041 | 2,992 | 6,216 | 10,791 | 33,524 |
|  | R\% | 0.76 | 3.90 | 8.04 | 15.58 | 12.05 | 8.92 | 18.54 | 32.19 | 100.00 |
|  | C\% | 8.76 | 10.16 | 10.10 | 11.16 | 10.28 | 8.11 | 8.74 | 12.11 | 10.29 |
| \$3,001 - 6,000 |  | 634 | 3,234 | 7,634 | 13,095 | 10,296 | 9,033 | 15,367 | 30,168 | 89,461 |
|  | R\% | 0.71 | 3.61 | 8.53 | 14.64 | 11.51 | 10.10 | 17.18 | 33.72 | 100.00 |
|  | C\% | 21.68 | 25.13 | 28.57 | 27.98 | 26.20 | 24.48 | 21.61 | 33.86 | 27.46 |
| \$6,001-9,000 |  | 680 | 2,957 | 6,278 | 11,251 | 9,065 | 8,113 | 14,782 | 25,394 | 78,520 |
|  | R\% | 0.87 | 3.77 | 8.00 | 14.33 | 11.54 | 10.33 | 18.83 | 32.34 | 100.00 |
|  | C\% | 23.26 | 22.98 | 23.50 | 24.04 | 23.07 | 21.98 | 20.78 | 28.50 | 24.10 |
| \$9,001 - 15,000 |  | 852 | 3,498 | 7,394 | 13,069 | 11,516 | 12,531 | 29,523 | 18,020 | 96,403 |
|  | R\% | 0.88 | 3.63 | 7.67 | 13.56 | 11.95 | 13.00 | 30.62 | 18.69 | 100.00 |
|  | C\% | 29.14 | 27.18 | 27.68 | 27.92 | 29.30 | 33.96 | 41.51 | 20.22 | 29.59 |
| \$15,001 - 20,000 |  | 169 | 740 | 1,129 | 1,766 | 2,470 | 2,512 | 2,652 | 447 | 11,885 |
|  | R\% | 1.42 | 6.23 | 9.50 | 14.86 | 20.78 | 21.14 | 22.31 | 3.76 | 100.00 |
|  | C\% | 5.78 | 5.75 | 4.23 | 3.77 | 6.29 | 6.81 | 3.73 | 0.50 | 3.65 |
| \$20,001 - 30,000 |  | 234 | 544 | 627 | 656 | 495 | 539 | 276 | 54 | 3,425 |
|  | R\% | 6.83 | 15.88 | 18.31 | 19.15 | 14.45 | 15.74 | 8.06 | 1.58 | 100.00 |
|  | C\% | 8.00 | 4.23 | 2.35 | 1.40 | 1.26 | 1.46 | 0.39 | 0.06 | 1.05 |
| \$30,001 + |  | 18 | 39 | 30 | 22 | 18 | 13 | 7 | 1 | 148 |
|  | R\% | 12.16 | 26.35 | 20.27 | 14.86 | 12.16 | 8.78 | 4.73 | 0.68 | 100.00 |
|  | C\% | 0.62 | 0.30 | 0.11 | 0.05 | 0.05 | 0.04 | 0.01 | 0.00 | 0.05 |
| TOTAL |  | 2,924 | 12,870 | 26,716 | 46,807 | 39,298 | 36,904 | 71,126 | 89,108 | 325,753 |
|  | R\% | 0.90 | 3.95 | 8.20 | 14.37 | 12.06 | 11.33 | 21.83 | 27.35 | 100.00 |
|  | C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 15-C
DISTRIBUTION OF PELL GRANT RECIPIENTS PAID ON A SIMPLIFIED NEEDS TEST STUDENT AID INDEX
BY FAMILY INCOME AND GRANT LEVEL
INDEPENDENT RECIPIENTS - AWARD YEAR 1988-89

| FAMILY INCOME | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 |  |
| LESS THAN \$1,001 | 4,965 | 13,778 | 16,176 | 27,542 | 16,798 | 13,047 | 21,400 | 42,888 | 156,594 |
| R\% | 3.17 | 8.80 | 10.33 | 17.59 | 10.73 | 8.33 | 13.67 | 27.39 | 100.00 |
| C\% | 17.97 | 14.27 | 12.00 | 12.22 | 11.63 | 11.74 | 11.37 | 13.32 | 12.53 |
| \$1,001 - 3,000 | 2,001 | 11,651 | 21,089 | 43,433 | 24,800 | 18,107 | 31,768 | 76,814 | 229,663 |
| R\% | 0.87 | 5.07 | 9.18 | 18.91 | 10.80 | 7.88 | 13.83 | 33.45 | 100.00 |
| C\% | 7.24 | 12.07 | 15.65 | 19.27 | 17.17 | 16.29 | 16.88 | 23.86 | 18.37 |
| \$3,001 - 6,000 | 3,710 | 22,053 | 40,834 | 77,929 | 47,971 | 33,682 | 64,346 | 138,998 | 429,523 |
| R\% | 0.86 | 5.13 | 9.51 | 18.14 | 11.17 | 7.84 | 14.98 | 32.36 | 100.00 |
| C\% | 13.43 | 22.84 | 30.30 | 34.58 | 33.22 | 30.30 | 34.18 | 43.17 | 34.36 |
| \$6,001-9,000 | 8,086 | 28,455 | 35,811 | 47,151 | 33,881 | 27,217 | 35,346 | 46,265 | 262,212 |
| R\% | 3.08 | 10.85 | 13.66 | 17.98 | 12.92 | 10.38 | 13.48 | 17.64 | 100.00 |
| C\% | 29.26 | 29.47 | 26.57 | 20.92 | 23.46 | 24.49 | 18.78 | 14.37 | 20.97 |
| \$9,001 - 15,000 | 8,380 | 18,736 | 18,346 | 26,966 | 18,550 | 16,583 | 33,764 | 16,764 | 158,089 |
| R\% | 5.30 | 11.85 | 11.60 | 17.06 | 11.73 | 10.49 | 21.36 | 10.60 | 100.00 |
| C\% | 30.33 | 19.40 | 13.61 | 11.97 | 12.85 | 14.92 | 17.94 | 5.21 | 12.65 |
| \$15,001 - 20,000 | 289 | 1,438 | 2,063 | 1,951 | 2,135 | 2,277 | 1,546 | 240 | 11,939 |
| R\% | 2.42 | 12.04 | 17.28 | 16.34 | 17.88 | 19.07 | 12.95 | 2.01 | 100.00 |
| C\% | 1.05 | 1.49 | 1.53 | 0.87 | 1.48 | 2.05 | 0.82 | 0.07 | 0.96 |
| \$20,001 - 30,000 | 192 | 450 | 444 | 385 | 260 | 234 | 72 | 24 | 2,061 |
| R\% | 9.32 | 21.83 | 21.54 | 18.68 | 12.62 | 11.35 | 3.49 | 1.16 | 100.00 |
| C\% | 0.69 | 0.47 | 0.33 | 0.17 | 0.18 | 0.21 | 0.04 | 0.01 | 0.16 |
| \$30,001 + | 9 | 6 | 12 | 7 | 3 | 2 | 1 | 3 | 43 |
| R\% | 20.93 | 13.95 | 27.91 | 16.28 | 6.98 | 4.65 | 2.33 | 6.98 | 100.00 |
| C\% | 0.03 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL | 27,632 | 96,567 | 134,775 | 225,364 | 144,398 | 111,149 | 188,243 | 321,996 | 1,250,124 |
| R\% | 2.21 | 7.72 | 10.78 | 18.03 | 11.55 | 8.89 | 15.06 | 25.76 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

Table 16

# Distribution of Pell Grant Recipients Qualified Under Dislocated Worker Provision By Expected Family Income and Grant Level 

Award Period 1988-89<br>16A - Total<br>16B - Dependent<br>16C - Independent

Tables 16A, 16B, and 16C show the distribution of Pell Grant recipients who qualified as dislocated workers. This provision, which was new for the 1988 89 year, applies to a parent of a dependent student or an independent student/spouse who was terminated or laid-off or, if self-employed, was unemployed because of poor economic conditions or a natural disaster. For those applicants qualifying under this provision, eligibility was based on expected 1988 income rather than 1987 income, and home assets were excluded in eligibility determination.

Table 16A shows that just over 100,000 recipients (less than 2 percent of all applicants and about 3 percent of all recipients) qualified as dislocated workers. Forty-six percent of these were dependent and 54 percent were independent, which is similar to the overall breakdown of recipients by dependency status.

For these dislocated worker applicants, the expected income was similar to the base year income for Pell recipients as a whole. Table 16A shows that 65 percent reported an expected income of $\$ 15,000$, or less, which compares to 71 percent of all recipients (see Table 3A). As a result, the grants received were similar to those of all recipients, with nearly 15
percent receiving the maximum of $\$ 2,200$ (compared to 17 percent of all recipients) and 23 percent receiving less than $\$ 900$ (compared to 25 percent of all recipients).

As anticipated, there are some differences between dependents (see Table 16B) and independents (see Table 16C) who qualified as dislocated workers. Dependents were twice as likely to have an expected year income of more than $\$ 15,000$ (48 percent) than independents ( 24 percent). Independents were about twice as likely to have an expected income of $\$ 6,000$ or less ( 35 percent) than were dependents (17 percent).

As a function of these differences between dependent students and independent students in income, there are some differences in the grant received by dependency status. About 18 percent of independents received the maximum grant of $\$ 2,200$ compared to about 10 percent of dependents. However, when grants of $\$ 1,800$ or above are examined, there is no longer much difference (34 percent of dependents compared to 35 percent of independents). The median grant received for both dependents and independents was in the $\$ 1,200$ to $\$ 1,499$ range.

TABLE 16-A
DISTRIBUTION OF PELL GRANT RECIPIENTS QUALIFIED UNDER DISLOCATED WORKER PROVISION
BY EXPECTED FAMILY INCOME AND GRANT LEVEL
ALL RECIPIENTS - AWARD YEAR 1988-89

| EXPECTED FAMILY INCOME | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 |  |
| LESS THAN \$1,001 | 76 | 280 | 408 | 628 | 499 | 534 | 1,061 | 1,245 | 4,731 |
| R\% | 1.61 | 5.92 | 8.62 | 13.27 | 10.55 | 11.29 | 22.43 | 26.32 | 100.00 |
| C\% | 2.58 | 3.05 | 3.60 | 4.14 | 3.59 | 3.91 | 5.34 | 8.51 | 4.70 |
| \$1,001-3,000 | 57 | 354 | 594 | 984 | 856 | 838 | 1,444 | 2,025 | 7,152 |
| R\% | 0.80 | 4.95 | 8.31 | 13.76 | 11.97 | 11.72 | 20.19 | 28.31 | 100.00 |
| C\% | 1.93 | 3.86 | 5.24 | 6.49 | 6.17 | 6.13 | 7.26 | 13.85 | 7.10 |
| \$3,001-6,000 | 134 | 741 | 1,248 | 2,099 | 1,883 | 1,790 | 3,137 | 4,185 | 15,217 |
| R\% | 0.88 | 4.87 | 8.20 | 13.79 | 12.37 | 11.76 | 20.62 | 27.50 | 100.00 |
| C\% | 4.55 | 8.07 | 11.00 | 13.85 | 13.56 | 13.10 | 15.78 | 28.61 | 15.11 |
| \$6,001 - 9,000 | 296 | 1,008 | 1,357 | 2,203 | 1,857 | 1,666 | 2,947 | 3,472 | 14,806 |
| R\% | 2.00 | 6.81 | 9.17 | 14.88 | 12.54 | 11.25 | 19.90 | 23.45 | 100.00 |
| C\% | 10.05 | 10.98 | 11.96 | 14.54 | 13.38 | 12.19 | 14.82 | 23.74 | 14.71 |
| \$9,001 - 15,000 | 412 | 1,464 | 2,007 | 3,214 | 2,779 | 3,225 | 7,122 | 3,346 | 23,569 |
| R\% | 1.75 | 6.21 | 8.52 | 13.64 | 11.79 | 13.68 | 30.22 | 14.20 | 100.00 |
| C\% | 13.99 | 15.95 | 17.69 | 21.21 | 20.02 | 23.60 | 35.83 | 22.88 | 23.41 |
| \$15,001 - 20,000 | 272 | 1,122 | 1,809 | 2,139 | 2,675 | 3,158 | 3,073 | 309 | 14,557 |
| R\% | 1.87 | 7.71 | 12.43 | 14.69 | 18.38 | 21.69 | 21.11 | 2.12 | 100.00 |
| C\% | 9.23 | 12.22 | 15.94 | 14.12 | 19.27 | 23.11 | 15.46 | 2.11 | 14.46 |
| \$20,001 - 30,000 | 1,121 | 3,016 | 3,077 | 3,119 | 2,803 | 2,244 | 1,040 | 41 | 16,461 |
| R\% | 6.81 | 18.32 | 18.69 | 18.95 | 17.03 | 13.63 | 6.32 | 0.25 | 100.00 |
| C\% | 38.05 | 32.86 | 27.12 | 20.58 | 20.19 | 16.42 | 5.23 | 0.28 | 16.35 |
| \$30,001 + | 578 | 1,194 | 846 | 768 | 531 | 209 | 55 | 3 | 4,184 |
| R\% | 13.81 | 28.54 | 20.22 | 18.36 | 12.69 | 5.00 | 1.31 | 0.07 | 100.00 |
| C\% | 19.62 | 13.01 | 7.46 | 5.07 | 3.82 | 1.53 | 0.28 | 0.02 | 4.16 |
| TOTAL | 2,946 | 9,179 | 11,346 | 15,154 | 13,883 | 13,664 | 19,879 | 14,626 | 100,677 |
| R\% | 2.93 | 9.12 | 11.27 | 15.05 | 13.79 | 13.57 | 19.75 | 14.53 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 16-B
DISTRIBUTION OF PELL GRANT RECIPIENTS QUALIFIED UNDER DISLOCATED WORKER PROVISION
BY EXPECTED FAMILY INCOME AND GRANT LEVEL
DEPENDENT RECIPIENTS - AWARD YEAR 1988-89

| EXPECTED FAMILY INCOME | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 |  |
| LESS THAN \$1,001 | 9 | 45 | 83 | 144 | 121 | 138 | 439 | 323 | 1,302 |
| R\% | 0.69 | 3.46 | 6.37 | 11.06 | 9.29 | 10.60 | 33.72 | 24.81 | 100.00 |
| C\% | 0.67 | 1.11 | 1.64 | 2.22 | 1.80 | 1.96 | 3.94 | 6.99 | 2.80 |
| \$1,001-3,000 | 9 | 70 | 140 | 259 | 225 | 246 | 575 | 463 | 1,987 |
| R\% | 0.45 | 3.52 | 7.05 | 13.03 | 11.32 | 12.38 | 28.94 | 23.30 | 100.00 |
| C\% | 0.67 | 1.73 | 2.77 | 3.98 | 3.35 | 3.49 | 5.17 | 10.02 | 4.28 |
| \$3,001-6,000 | 38 | 176 | 316 | 576 | 538 | 571 | 1,427 | 1,157 | 4,799 |
| R\% | 0.79 | 3.67 | 6.58 | 12.00 | 11.21 | 11.90 | 29.74 | 24.11 | 100.00 |
| C\% | 2.81 | 4.35 | 6.25 | 8.86 | 8.02 | 8.10 | 12.82 | 25.04 | 10.33 |
| \$6,001 - 9,000 | 54 | 182 | 334 | 567 | 573 | 562 | 1,543 | 1,066 | 4,881 |
| R\% | 1.11 | 3.73 | 6.84 | 11.62 | 11.74 | 11.51 | 31.61 | 21.84 | 100.00 |
| C\% | 4.00 | 4.49 | 6.61 | 8.72 | 8.54 | 7.97 | 13.86 | 23.07 | 10.50 |
| \$9,001 - 15,000 | 144 | 488 | 833 | 1,273 | 1,270 | 1,744 | 4,179 | 1,414 | 11,345 |
| R\% | 1.27 | 4.30 | 7.34 | 11.22 | 11.19 | 15.37 | 36.84 | 12.46 | 100.00 |
| C\% | 10.66 | 12.05 | 16.49 | 19.58 | 18.92 | 24.74 | 37.55 | 30.61 | 24.42 |
| \$15,001 - 20,000 | 159 | 453 | 872 | 1,110 | 1,595 | 1,883 | 2,058 | 169 | 8,299 |
| R\% | 1.92 | 5.46 | 10.51 | 13.38 | 19.22 | 22.69 | 24.80 | 2.04 | 100.00 |
| C\% | 11.77 | 11.19 | 17.26 | 17.08 | 23.76 | 26.71 | 18.49 | 3.66 | 17.86 |
| \$20,001 - 30,000 | 560 | 1,718 | 1,772 | 1,905 | 1,911 | 1,720 | 859 | 27 | 10,472 |
| R\% | 5.35 | 16.41 | 16.92 | 18.19 | 18.25 | 16.42 | 8.20 | 0.26 | 100.00 |
| C\% | 41.45 | 42.43 | 35.07 | 29.31 | 28.47 | 24.40 | 7.72 | 0.58 | 22.54 |
| \$30,001 + | 378 | 917 | 703 | 666 | 479 | 186 | 50 | 1 | 3,380 |
| R\% | 11.18 | 27.13 | 20.80 | 19.70 | 14.17 | 5.50 | 1.48 | 0.03 | 100.00 |
| C\% | 27.98 | 22.65 | 13.91 | 10.25 | 7.14 | 2.64 | 0.45 | 0.02 | 7.27 |
| TOTAL | 1,351 | 4,049 | 5,053 | 6,500 | 6,712 | 7,050 | 11,130 | 4,620 | 46,465 |
| R\% | 2.91 | 8.71 | 10.87 | 13.99 | 14.45 | 15.17 | 23.95 | 9.94 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 16-C
DISTRIBUTION OF PELL GRANT RECIPIENTS QUALIFIED UNDER DISLOCATED WORKER PROVISION
BY EXPECTED FAMILY INCOME AND GRANT LEVEL
INDEPENDENT RECIPIENTS - AWARD YEAR 1988-89

| EXPECTED FAMILY INCOME | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 |  |
| LESS THAN \$1,001 | 67 | 235 | 325 | 484 | 378 | 396 | 622 | 922 | 3,429 |
| R\% | 1.95 | 6.85 | 9.48 | 14.11 | 11.02 | 11.55 | 18.14 | 26.89 | 100.00 |
| C\% | 4.20 | 4.58 | 5.16 | 5.59 | 5.27 | 5.99 | 7.11 | 9.21 | 6.33 |
| \$1,001-3,000 | 48 | 284 | 454 | 725 | 631 | 592 | 869 | 1,562 | 5,165 |
| R\% | 0.93 | 5.50 | 8.79 | 14.04 | 12.22 | 11.46 | 16.82 | 30.24 | 100.00 |
| C\% | 3.01 | 5.54 | 7.21 | 8.38 | 8.80 | 8.95 | 9.93 | 15.61 | 9.53 |
| \$3,001-6,000 | 96 | 565 | 932 | 1,523 | 1,345 | 1,219 | 1,710 | 3,028 | 10,418 |
| R\% | 0.92 | 5.42 | 8.95 | 14.62 | 12.91 | 11.70 | 16.41 | 29.07 | 100.00 |
| C\% | 6.02 | 11.01 | 14.81 | 17.60 | 18.76 | 18.43 | 19.55 | 30.26 | 19.22 |
| \$6,001 - 9,000 | 242 | 826 | 1,023 | 1,636 | 1,284 | 1,104 | 1,404 | 2,406 | 9,925 |
| R\% | 2.44 | 8.32 | 10.31 | 16.48 | 12.94 | 11.12 | 14.15 | 24.24 | 100.00 |
| C\% | 15.17 | 16.10 | 16.26 | 18.90 | 17.91 | 16.69 | 16.05 | 24.05 | 18.31 |
| \$9,001 - 15,000 | 268 | 976 | 1,174 | 1,941 | 1,509 | 1,481 | 2,943 | 1,932 | 12,224 |
| R\% | 2.19 | 7.98 | 9.60 | 15.88 | 12.34 | 12.12 | 24.08 | 15.80 | 100.00 |
| C\% | 16.80 | 19.03 | 18.66 | 22.43 | 21.04 | 22.39 | 33.64 | 19.31 | 22.55 |
| \$15,001 - 20,000 | 113 | 669 | 937 | 1,029 | 1,080 | 1,275 | 1,015 | 140 | 6,258 |
| R\% | 1.81 | 10.69 | 14.97 | 16.44 | 17.26 | 20.37 | 16.22 | 2.24 | 100.00 |
| C\% | 7.08 | 13.04 | 14.89 | 11.89 | 15.06 | 19.28 | 11.60 | 1.40 | 11.54 |
| \$20,001 - 30,000 | 561 | 1,298 | 1,305 | 1,214 | 892 | 524 | 181 | 14 | 5,989 |
| R\% | 9.37 | 21.67 | 21.79 | 20.27 | 14.89 | 8.75 | 3.02 | 0.23 | 100.00 |
| C\% | 35.17 | 25.30 | 20.74 | 14.03 | 12.44 | 7.92 | 2.07 | 0.14 | 11.05 |
| \$30,001 + | 200 | 277 | 143 | 102 | 52 | 23 | 5 | 2 | 804 |
| $\mathrm{R} \%$ | 24.88 | 34.45 | 17.79 | 12.69 | 6.47 | 2.86 | 0.62 | 0.25 | 100.00 |
| C\% | 12.54 | 5.40 | 2.27 | 1.18 | 0.73 | 0.35 | 0.06 | 0.02 | 1.48 |
| TOTAL | 1,595 | 5,130 | 6,293 | 8,654 | 7,171 | 6,614 | 8,749 | 10,006 | 54,212 |
| R\% | 2.94 | 9.46 | 11.61 | 15.96 | 13.23 | 12.20 | 16.14 | 18.46 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

## Table 17

# Distribution of Pell Grant Recipients Qualified Under Displaced Homemaker Provision by Family Income and Grant Level 

Award Period 1988-89

17A - Total
17B - Dependent
17C - Independent

Tables 17A, 17B, and 17C show the distribution of recipients who qualified for a Pell Grant based upon the displaced homemaker provision. These tables depict family income by the grant received for all recipients (Table 17A), dependent recipients (Table 17B), and independent recipients (Table 17C).

The displaced homemaker provision, like the dislocated worker provision, was applied for the first time in the 198889 award year. An applicant (either parent for a dependent student or the student or spouse for an independent student) qualified as a displaced homemaker by meeting each of three provisions: 1) not in the labor force for 5 or more years and serving as a homemaker during that period; 2) dependent on public assistance or previously dependent for support on public assistance or the income of another family member, but no longer receiving that support; and 3) unemployed or underemployed and having difficulty obtaining or upgrading employment. An applicant who qualified as a displaced homemaker had net home assets ignored in determining eligibility.

Table 17A indicates that relatively few recipients (about 57,000 or less than 2 percent of all recipients and less than 1 percent of all applicants) qualified under the displaced homemaker provision. Those who qualified were divided almost
evenly by dependency status ( 51 percent dependent and 49 percent independent).

The distribution of family income among displaced homemakers was slightly higher than that of all recipients, with 33 percent above $\$ 15,000$ (compared to 29 percent for all recipients) and 32 percent up to $\$ 6,000$ (compared to 38 percent for all recipients). Dependents with a displaced homemaker for a parent were much more likely to have incomes above $\$ 15,000$ ( 40 percent) than independent displaced homemakers (26 percent), and independents were much more likely to have an income up to $\$ 6,000$ ( 38 percent) than dependents (27 percent).

The distribution of grants received among displaced-homemaker qualifiers is similar to that for the recipient population as a whole. Twenty-five percent of both displaced-homemaker qualifiers and all recipients received grants under $\$ 900$. Fourteen percent of those qualifying as displaced homemakers received the maximum grant compared to 17 percent of all recipients. Differences by dependency status in the grants received by displaced-homemaker qualifiers were modest, with 12 percent of dependents and 15 percent of independents receiving the maximum grant and 22 percent of dependents and 28 percent of independents receiving grants below $\$ 900$.

## TABLE 17-A

DISTRIBUTION OF PELL GRANT RECIPIENTS QUALIFIED UNDER DISPLACED HOMEMAKER PROVISION BY EXPECTED FAMILY INCOME AND GRANT LEVEL

ALL RECIPIENTS - AWARD YEAR 1988-89

| FAMILY INCOME | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 |  |
| LESS THAN \$1,001 | 42 | 251 | 348 | 513 | 412 | 425 | 778 | 742 | 3,511 |
| R\% | 1.20 | 7.15 | 9.91 | 14.61 | 11.73 | 12.10 | 22.16 | 21.13 | 100.00 |
| C\% | 2.41 | 4.36 | 5.06 | 5.85 | 5.47 | 5.54 | 6.84 | 9.54 | 6.11 |
| \$1,001 - 3,000 | 61 | 319 | 418 | 712 | 513 | 519 | 993 | 1,035 | 4,570 |
| R\% | 1.33 | 6.98 | 9.15 | 15.58 | 11.23 | 11.36 | 21.73 | 22.65 | 100.00 |
| C\% | 3.50 | 5.54 | 6.08 | 8.12 | 6.81 | 6.77 | 8.73 | 13.31 | 7.95 |
| \$3,001 - 6,000 | 115 | 675 | 933 | 1,576 | 1,156 | 1,254 | 2,218 | 2,668 | 10,595 |
| R\% | 1.09 | 6.37 | 8.81 | 14.87 | 10.91 | 11.84 | 20.93 | 25.18 | 100.00 |
| C\% | 6.61 | 11.72 | 13.57 | 17.96 | 15.35 | 16.35 | 19.49 | 34.31 | 18.42 |
| \$6,001 - 9,000 | 122 | 644 | 814 | 1,232 | 986 | 1,111 | 2,058 | 1,928 | 8,895 |
| R\% | 1.37 | 7.24 | 9.15 | 13.85 | 11.08 | 12.49 | 23.14 | 21.68 | 100.00 |
| C\% | 7.01 | 11.18 | 11.84 | 14.04 | 13.09 | 14.49 | 18.09 | 24.79 | 15.47 |
| \$9,001 - 15,000 | 173 | 793 | 1,081 | 1,517 | 1,361 | 1,594 | 3,264 | 1,227 | 11,010 |
| R\% | 1.57 | 7.20 | 9.82 | 13.78 | 12.36 | 14.48 | 29.65 | 11.14 | 100.00 |
| C\% | 9.94 | 13.77 | 15.72 | 17.29 | 18.07 | 20.78 | 28.68 | 15.78 | 19.15 |
| \$15,001 - 20,000 | 166 | 751 | 1,081 | 1,202 | 1,483 | 1,591 | 1,510 | 151 | 7,935 |
| R\% | 2.09 | 9.46 | 13.62 | 15.15 | 18.69 | 20.05 | 19.03 | 1.90 | 100.00 |
| C\% | 9.53 | 13.04 | 15.72 | 13.70 | 19.69 | 20.74 | 13.27 | 1.94 | 13.80 |
| \$20,001 - 30,000 | 713 | 1,714 | 1,713 | 1,632 | 1,341 | 1,054 | 522 | 23 | 8,712 |
| R\% | 8.18 | 19.67 | 19.66 | 18.73 | 15.39 | 12.10 | 5.99 | 0.26 | 100.00 |
| C\% | 40.95 | 29.77 | 24.92 | 18.60 | 17.81 | 13.74 | 4.59 | 0.30 | 15.15 |
| \$30,001 + | 349 | 611 | 487 | 389 | 279 | 122 | 36 | 3 | 2,276 |
| R\% | 15.33 | 26.85 | 21.40 | 17.09 | 12.26 | 5.36 | 1.58 | 0.13 | 100.00 |
| C\% | 20.05 | 10.61 | 7.08 | 4.43 | 3.70 | 1.59 | 0.32 | 0.04 | 3.96 |
| TOTAL | 1,741 | 5,758 | 6,875 | 8,773 | 7,531 | 7,670 | 11,379 | 7,777 | 57,504 |
| R\% | 3.03 | 10.01 | 11.96 | 15.26 | 13.10 | 13.34 | 19.79 | 13.52 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 17-B
DISTRIBUTION OF PELL GRANT RECIPIENTS QUALIFIED UNDER DISPLACED HOMEMAKER PROVISION BY EXPECTED FAMILY INCOME AND GRANT LEVEL
DEPENDENT RECIPIENTS - AWARD YEAR 1988-89

| FAMILY INCOME | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 |  |
| LESS THAN \$1,001 | 8 | 33 | 73 | 135 | 117 | 126 | 373 | 186 | 1,051 |
| R\% | 0.76 | 3.14 | 6.95 | 12.84 | 11.13 | 11.99 | 35.49 | 17.70 | 100.00 |
| C\% | 0.95 | 1.36 | 2.24 | 3.24 | 2.87 | 3.11 | 5.58 | 5.15 | 3.61 |
| \$1,001-3,000 | 14 | 70 | 150 | 245 | 210 | 198 | 560 | 433 | 1,880 |
| R\% | 0.74 | 3.72 | 7.98 | 13.03 | 11.17 | 10.53 | 29.79 | 23.03 | 100.00 |
| C\% | 1.66 | 2.89 | 4.61 | 5.88 | 5.15 | 4.88 | 8.38 | 11.98 | 6.46 |
| \$3,001 - 6,000 | 32 | 175 | 354 | 610 | 579 | 598 | 1,183 | 1,286 | 4,817 |
| R\% | 0.66 | 3.63 | 7.35 | 12.66 | 12.02 | 12.41 | 24.56 | 26.70 | 100.00 |
| C\% | 3.79 | 7.23 | 10.88 | 14.64 | 14.21 | 14.74 | 17.71 | 35.59 | 16.55 |
| \$6,001 - 9,000 | 42 | 184 | 300 | 505 | 455 | 502 | 1,191 | 925 | 4,104 |
| R\% | 1.02 | 4.48 | 7.31 | 12.31 | 11.09 | 12.23 | 29.02 | 22.54 | 100.00 |
| C\% | 4.98 | 7.61 | 9.22 | 12.12 | 11.17 | 12.38 | 17.83 | 25.60 | 14.10 |
| \$9,001 - 15,000 | 80 | 294 | 484 | 706 | 713 | 878 | 1,922 | 666 | 5,743 |
| R\% | 1.39 | 5.12 | 8.43 | 12.29 | 12.42 | 15.29 | 33.47 | 11.60 | 100.00 |
| C\% | 9.48 | 12.15 | 14.87 | 16.95 | 17.50 | 21.65 | 28.77 | 18.43 | 19.73 |
| \$15,001 - 20,000 | 93 | 300 | 488 | 610 | 848 | 874 | 993 | 96 | 4,302 |
| R\% | 2.16 | 6.97 | 11.34 | 14.18 | 19.71 | 20.32 | 23.08 | 2.23 | 100.00 |
| C\% | 11.02 | 12.40 | 15.00 | 14.64 | 20.81 | 21.55 | 14.86 | 2.66 | 14.78 |
| \$20,001 - 30,000 | 352 | 912 | 1,011 | 1,018 | 905 | 763 | 423 | 18 | 5,402 |
| R\% | 6.52 | 16.88 | 18.72 | 18.84 | 16.75 | 14.12 | 7.83 | 0.33 | 100.00 |
| C\% | 41.71 | 37.70 | 31.07 | 24.44 | 22.21 | 18.81 | 6.33 | 0.50 | 18.56 |
| \$30,001 + | 223 | 451 | 394 | 337 | 247 | 117 | 36 | 3 | 1,808 |
| R\% | 12.33 | 24.94 | 21.79 | 18.64 | 13.66 | 6.47 | 1.99 | 0.17 | 100.00 |
| C\% | 26.42 | 18.64 | 12.11 | 8.09 | 6.06 | 2.88 | 0.54 | 0.08 | 6.21 |
| TOTAL | 844 | 2,419 | 3,254 | 4,166 | 4,074 | 4,056 | 6,681 | 3,613 | 29,107 |
| R\% | 2.90 | 8.31 | 11.18 | 14.31 | 14.00 | 13.93 | 22.95 | 12.41 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 17-C
DISTRIBUTION OF PELL GRANT RECIPIENTS QUALIFIED UNDER DISPLACED HOMEMAKER PROVISION
BY EXPECTED FAMILY INCOME AND GRANT LEVEL
INDEPENDENT RECIPIENTS - AWARD YEAR 1988-89

| FAMILY INCOME | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 |  |
| LESS THAN \$1,001 | 34 | 218 | 275 | 378 | 295 | 299 | 405 | 556 | 2,460 |
| R\% | 1.38 | 8.86 | 11.18 | 15.37 | 11.99 | 12.15 | 16.46 | 22.60 | 100.00 |
| C\% | 3.79 | 6.53 | 7.59 | 8.20 | 8.53 | 8.27 | 8.62 | 13.35 | 8.66 |
| \$1,001 - 3,000 | 47 | 249 | 268 | 467 | 303 | 321 | 433 | 602 | 2,690 |
| R\% | 1.75 | 9.26 | 9.96 | 17.36 | 11.26 | 11.93 | 16.10 | 22.38 | 100.00 |
| C\% | 5.24 | 7.46 | 7.40 | 10.14 | 8.76 | 8.88 | 9.22 | 14.46 | 9.47 |
| \$3,001 - 6,000 | 83 | 500 | 579 | 966 | 577 | 656 | 1,035 | 1,382 | 5,778 |
| R\% | 1.44 | 8.65 | 10.02 | 16.72 | 9.99 | 11.35 | 17.91 | 23.92 | 100.00 |
| C\% | 9.25 | 14.97 | 15.99 | 20.97 | 16.69 | 18.15 | 22.03 | 33.19 | 20.35 |
| \$6,001 - 9,000 | 80 | 460 | 514 | 727 | 531 | 609 | 867 | 1,003 | 4,791 |
| R\% | 1.67 | 9.60 | 10.73 | 15.17 | 11.08 | 12.71 | 18.10 | 20.94 | 100.00 |
| C\% | 8.92 | 13.78 | 14.19 | 15.78 | 15.36 | 16.85 | 18.45 | 24.09 | 16.87 |
| \$9,001 - 15,000 | 93 | 499 | 597 | 811 | 648 | 716 | 1,342 | 561 | 5,267 |
| R\% | 1.77 | 9.47 | 11.33 | 15.40 | 12.30 | 13.59 | 25.48 | 10.65 | 100.00 |
| C\% | 10.37 | 14.94 | 16.49 | 17.60 | 18.74 | 19.81 | 28.57 | 13.47 | 18.55 |
| \$15,001 - 20,000 | 73 | 451 | 593 | 592 | 635 | 717 | 517 | 55 | 3,633 |
| R\% | 2.01 | 12.41 | 16.32 | 16.30 | 17.48 | 19.74 | 14.23 | 1.51 | 100.00 |
| C\% | 8.14 | 13.51 | 16.38 | 12.85 | 18.37 | 19.84 | 11.00 | 1.32 | 12.79 |
| \$20,001 - 30,000 | 361 | 802 | 702 | 614 | 436 | 291 | 99 | 5 | 3,310 |
| R\% | 10.91 | 24.23 | 21.21 | 18.55 | 13.17 | 8.79 | 2.99 | 0.15 | 100.00 |
| C\% | 40.25 | 24.02 | 19.39 | 13.33 | 12.61 | 8.05 | 2.11 | 0.12 | 11.66 |
| \$30,001 + | 126 | 160 | 93 | 52 | 32 | 5 | 0 | 0 | 468 |
| R\% | 26.92 | 34.19 | 19.87 | 11.11 | 6.84 | 1.07 | 0.00 | 0.00 | 100.00 |
| C\% | 14.05 | 4.79 | 2.57 | 1.13 | 0.93 | 0.14 | 0.00 | 0.00 | 1.65 |
| TOTAL | 897 | 3,339 | 3,621 | 4,607 | 3,457 | 3,614 | 4,698 | 4,164 | 28,397 |
| R\% | 3.16 | 11.76 | 12.75 | 16.22 | 12.17 | 12.73 | 16.54 | 14.66 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

Table 18

# Use of Institutional Discretion For SAI Adjustment By Type and Control of Institution and Adjustment Made 

Award Period 1988-89

Tables 18 describes the use of institutional discretion to adjust the SAI by type and control of institution and the adjustment made. For ease of comparison this table also depicts the total number of recipients in each type of institution.

Institutional discretion was permitted for the first time in the 1988-89 award year and replaced the more restrictive special condition provision previously in place. A key difference between the two provisions is that special condition was initiated by the student on the application (although perhaps on the advice of an FAA), while institutional discretion was initiated by the FAA upon review of the Student Aid Report (although perhaps at the request of the student). The institutional discretion provision permitted a financial aid administrator (FAA) to adjust the SAI at his or her discretion. The FAA could make the adjustment in either of two ways: on the Student Aid Report for return to the central processor or on the payment document for return to the disbursement system processor. In either case, one of six general types of adjustments made had to be indicated, as follows: an adjustment to the parental contribution, an adjustment to the formula used, a change in the product or SAI, use of projected year data instead of base year data, a change in any data element used in the formula, or use of the secondary SAI instead of the primary SAI.

Table 18 indicates that FAAs used this discretion for just over 100,000 recipients, or 3 percent of the total recipients. Because this is a new feature, direct comparisons with 1987-88 are not possible. Comparisons are further complicated by the fact that some applicants who might have qualified under a special condition for 1987-88 could have met the qualifications for dislocated worker or displaced homemaker in 1988-89. However, it is interesting to note that the combined use of institutional discretion, the dislocated worker provision (see Table 16), and the displaced homemaker provision (see Table 17) for 1988-89 added up to more than 258,000 recipients or 8 percent of the total.

Table 18 also depicts the use of total adjustments by each type and control of institution. Differences in the use of institutional discretion by institutional control are relatively small. For example, the use of institutional discretion at public institutions (3.6 percent), private, non-profit institutions ( 3.2 percent), and private, profit-making institutions ( 1.9 percent) are not markedly different. Among institutions of various type and control with appreciable numbers of recipients (at least 100,000 at all institutions of that type and control), institutional discretion was most used by 5 year private, non-profit institutions (4.9 percent), 5 year public institutions (4.2
percent), and 2 year public institutions (3.2 percent). None of the other institutions with appreciable numbers of recipients used institutional discretion for more than 2.1 percent of recipients.

Finally, Table 18 shows the prevalence with which various adjustments were made. The most often used (38.9 percent of the cases) was an adjustment to the product. This is not surprising as it is probably easier for an FAA to adjust the

SAl itself rather than make an adjustment that requires calculations to arrive at the SAI (as do most of the other adjustments). The next most frequently used adjustment was use of projected year data (27.3 percent). Two other adjustments were used in far fewer cases: change in a data element (15.1 percent) and use of secondary SAI (12.1 percent). The remaining two adjustments were used infrequently.

USE OF INSTITUTIONAL DISCRETION FOR SAI ADJUSTMENTS BY TYPE \& CONTROL OF INSTITUTION AND ADJUSTMENT MADE

ALL INSTITUTIONS - AWARD PERIOD 1988-89

| TYPE OF INSTITUTION | RECIPIENTS | ADJUSTMENT (SHOWS NUMBER \& PERCENTAGE OF TOTAL ADJUSTMENTS) |  |  |  |  |  | TOTAL ADJUTMENTS |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | PARENTAL CONTRIBUTION | FORMULA | PRODUCT | PROJETEC YEAR DATA | DATA ELEMENT | SECONDARY SAI USED |  |  |
| TOTAL PUBLIC INSTITUTIONS | 1,862,669 | 1,795 | 1,693 | 28,360 | 20,283 | 8,738 | 6,113 | 66,982 | N |
|  |  | 2.7 | 2.5 | 42.3 | 30.3 | 13.0 | 9.1 | 3.6 | T \% |
| FIVE YEARS OR MORE | 893,992 | 1,567 | 1,187 | 12,315 | 15,406 | 5,321 | 2,159 | 37,955 | N |
|  |  | 4.1 | 3.1 | 32.4 | 40.6 | 14.0 | 5.7 | 4.2 | T \% |
| FOUR-YEAR NO GRADUATE | 158,412 | 68 | 73 | 251 | 1,712 | 876 | 288 | 3,268 | N |
|  |  | 2.1 | 2.2 | 7.7 | 52.4 | 26.8 | 8.8 | 2.1 | T \% |
| THREE YEARS BUT LESS THAN FOUR YEARS | 3,121 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | N |
|  |  | 0.0 | 0.0 | 0.0 | 0.0 | 33.3 | 66.7 | 0.1 | T \% |
| TWO YEARS BUT LESS THAN THREE YEARS | 780,477 | 158 | 423 | 15,631 | 3,076 | 2,521 | 3,546 | 25,355 | N |
|  |  | 0.6 | 1.7 | 61.6 | 12.1 | 9.9 | 14.0 | 3.2 | T \% |
| ONE YEAR BUT LESS THAN TWO YEARS | 20,699 | 1 | 10 | 151 | 42 | 6 | 113 | 323 | N |
|  |  | 0.3 | 3.1 | 46.7 | 13.0 | 1.9 | 35.0 | 1.6 | T \% |
| SIX MONTHS BUT LESS THAN ONE YEAR | 5,968 | 1 | 0 | 12 | 47 | 13 | 5 | 78 | N |
|  |  | 1.3 | 0.0 | 15.4 | 60.3 | 16.7 | 6.4 | 1.3 | T \% |
| TOTAL PRIVATE, NON-PROFIT | 592,655 | 1,876 | 654 | 5,623 | 4,544 | 5,149 | 1,359 | 19,205 | N |
|  |  | 9.8 | 3.4 | 29.3 | 23.7 | 26.8 | 7.1 | 3.2 | T \% |
| FIVE YEARS OR MORE | 229,032 | 1,510 | 295 | 4,180 | 2,290 | 2,666 | 262 | 11,203 | N |
|  |  | 13.5 | 2.6 | 37.3 | 20.4 | 23.8 | 2.3 | 4.9 | T \% |
| FOUR-YEAR NO GRADUATE | 287,994 | 313 | 282 | 876 | 1,885 | 2,121 | 455 | 5,932 | N |
|  |  | 5.3 | 4.8 | 14.8 | 31.8 | 35.8 | 7.7 | 2.1 | T \% |
| THREE YEARS BUT LESS THAN FOUR YEARS | 4,049 | 3 | 1 | 8 | 42 | 16 | 2 | 72 |  |
|  |  | 4.2 | 1.4 | 11.1 | 58.3 | 22.2 | 2.8 | 1.8 | T \% |
| TWO YEARS BUT LESS THAN THREE YEARS | 52,235 | 50 | 68 | 304 | 305 | 315 | 148 |  |  |
|  |  | 4.2 | 5.7 | 25.5 | 25.6 | 26.5 | 12.4 | 2.3 | T \% |
| ONE YEAR BUT LESS THAN TWO YEARS | 14,755 | 0 | 5 | 185 | 14 | 22 | 476 | 702 | N |
|  |  | 0.0 | 0.7 | 26.4 | 2.0 | 3.1 | 67.8 | 4.8 | T \% |
| SIX MONTHS BUT LESS THAN ONE YEAR | 4,590 | 0 | 3 | 70 | 8 | 9 | 16 | 106 |  |
|  |  | 0.0 | 2.8 | 66.0 | 7.5 | 8.5 | 15.1 | 2.3 | T \% |
| TOTAL PRIVATE, PROFIT-MAKING | 742,962 | 65 | 540 | 5,063 | 2,532 | 1,252 | 4,639 | 14,091 | N |
|  |  | 0.5 | 3.8 | 35.9 | 18.0 | 8.9 | 32.9 | 1.9 | T \% |
| FIVE YEARS OR MORE | 439 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | N |
|  |  | 0.0 | 0.0 | 0.0 | 100.0 | 0.0 | 0.0 | 0.5 | T \% |
| FOUR-YEAR NO GRADUATE | 24,223 | 2 | 30 | 50 | 79 | 16 | 93 | 270 | N |
|  |  | 0.7 | 11.1 | 18.5 | 29.3 | 5.9 | 34.4 | 1.1 | T \% |
| THREE YEARS BUT LESS THAN FOUR YEARS | 6,889 | 7 18 | 1 | 16 | 336 | 18 | 18 | 396 |  |
|  |  | 1.8 | 0.3 | 4.0 | 84.8 | 4.5 | 4.5 | 5.7 | T \% |
| TWO YEARS BUT LESS THAN THREE YEARS | 188,330 | 29 | 124 | 905 | 1,109 | 769 | 1,066 | 4,002 | N |
|  |  | 0.7 | 3.1 | 22.6 | 27.7 | 19.2 | 26.6 | 2.1 | T \% |
| ONE YEAR BUT LESS THAN TWO YEARS | 260,471 | 15 |  | 1,854 | 514 | 189 | 1,326 | 4,074 |  |
|  |  | 0.4 | 4.3 | 45.5 | 12.6 | 4.6 | 32.5 | 1.6 | T \% |
| SIX MONTHS BUT LESS THAN ONE YEAR | 262,610 | 12 | 209 | 2,238 | 492 | 260 | 2,136 | 5,347 | N |
|  |  | 0.2 | 3.9 | 41.9 | 9.2 | 4.9 | 39.9 | 2.0 | T \% |
| TOTAL | $3,198,286$ | 3,736 | 2,887 | 39,046 | 27,359 | 15,139 | 12,111 | 100,278 | N |
|  |  | 3.7 | 2.9 | 38.9 | 27.3 | 15.1 | 12.1 | 3.1 | T \% |

## CHAPTER 4

## DISTRIBUTION OF VERIFIED PELL GRANT RECIPIENTS BY INCOME LEVEL AND GRANT LEVEL

## Award Period 1988-89

Table 19

# Distribution of Verified Pell Grant Recipients By Income and Grant Level 

Award Period 1988-89

Table 19 examines the relationship of family income to grant level for verified recipients during 1988-89. Recipients who were not selected for verification--67 percent of the population--are not included on the table.

A comparison of this table with other tables in the End-of-Year Report that show family income for all 1988-89 Pell Grant recipients suggests that low income students were less likely to be selected for verification than those reporting a high income. For example, 33 percent of all verified recipients reported family incomes of $\$ 6,000$ or less. By comparison, 40 percent of non-verified recipients had incomes in this range. Likewise, the proportion of verified students reporting incomes greater than $\$ 15,000$ ( 37 percent) was greater than the proportion of non-verified students (25 percent) with incomes in this range.

Verified recipients appeared to be awarded grants that were, on average, similar in size to their non-verified counterparts. For example, Table 19 shows that 15 percent of the verified population received the maximum grant of $\$ 2,200$ compared with 18 percent of the nonverified group. Grants of less than $\$ 1,200$ were awarded to 43 percent of the verified population and to 41 percent of the non-verified group.

As with the recipient population in general, Table 19 illustrates that the higher the verified recipients' income the lower the grant. Verified recipients with incomes over $\$ 15,000$ comprised 37 percent of all verified students but received only 3 percent of all maximum awards. Verified recipients with incomes of $\$ 6,000$ or less made up 33 percent of the verified population and received 63 percent of the maximum awards.

In the middle range, those with income from $\$ 6,001$ to $\$ 15,000$ made up 30 percent of the verified population and received 34 percent of the maximum awards.

In comparing the verified population for 198889 with that of 1987-88, there are some dramatic differences. Those verified with family incomes of less than $\$ 1,001$ increased from about 6 percent to 13 percent. However, the percentage of those verified at all income levels up to $\$ 6,000$ remained approximately stable (decreasing from about 36 percent to 33 percent). The largest changes were at the highest income levels (above $\$ 20,000$ ) where the percentage of those verified increased from 12 percent for 1987-88 to 24 percent for 1988:89. These dramatic changes can be attributed to changes in the verification selection criteria.

TABLE 19
DISTRIBUTION OF VERIFIED PELL GRANT RECIPIENTS BY FAMILY INCOME AND GRANT LEVEL ALL VERIFIED RECIPIENTS - AWARD YEAR 1988-89

| FAMILY INCOME |  | GRANT LEVEL |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 | TOTAL |
| LESS THAN \$1,001 |  | 4,360 | 11,490 | 13,665 | 21,722 | 14,835 | 12,873 | 26,174 | 35,381 | 140,500 |
|  | R\% | 3.10 | 8.18 | 9.73 | 15.46 | 10.56 | 9.16 | 18.63 | 25.18 | 100.00 |
|  | C\% | 12.08 | 10.43 | 9.97 | 12.62 | 10.02 | 10.10 | 14.90 | 21.66 | 13.13 |
| \$1,001 - 3,000 |  | 585 | 3,622 | 6,721 | 11,582 | 8,242 | 6,223 | 11,613 | 22,888 | 71,476 |
|  | R\% | 0.82 | 5.07 | 9.40 | 16.20 | 11.53 | 8.71 | 16.25 | 32.02 | 100.00 |
|  | C\% | 1.62 | 3.29 | 4.91 | 6.73 | 5.57 | 4.88 | 6.61 | 14.01 | 6.68 |
| \$3,001 - 6,000 |  | 1,184 | 7,159 | 13,106 | 23,014 | 16,454 | 13,076 | 24,048 | 44,883 | 142,924 |
|  | R\% | 0.83 | 5.01 | 9.17 | 16.10 | 11.51 | 9.15 | 16.83 | 31.40 | 100.00 |
|  | C\% | 3.28 | 6.50 | 9.57 | 13.37 | 11.11 | 10.25 | 13.69 | 27.48 | 13.36 |
| \$6,001 - 9,000 |  | 2,175 | 8,771 | 12,857 | 19,146 | 14,755 | 13,351 | 23,497 | 30,693 | 125,245 |
|  | R\% | 1.74 | 7.00 | 10.27 | 15.29 | 11.78 | 10.66 | 18.76 | 24.51 | 100.00 |
|  | C\% | 6.03 | 7.96 | 9.38 | 11.12 | 9.97 | 10.47 | 13.38 | 18.79 | 11.71 |
| \$9,001 - 15,000 |  | 3,807 | 13,671 | 18,840 | 28,102 | 24,098 | 25,761 | 54,854 | 25,384 | 194,517 |
|  | R\% | 1.96 | 7.03 | 9.69 | 14.45 | 12.39 | 13.24 | 28.20 | 13.05 | 100.00 |
|  | C\% | 10.55 | 12.41 | 13.75 | 16.32 | 16.28 | 20.20 | 31.23 | 15.54 | 18.18 |
| \$15,001 - 20,000 |  | 3,156 | 13,170 | 19,328 | 20,396 | 29,296 | 28,644 | 23,543 | 3,029 | 140,562 |
|  | R\% | 2.25 | 9.37 | 13.75 | 14.51 | 20.84 | 20.38 | 16.75 | 2.15 | 100.00 |
|  | C\% | 8.74 | 11.95 | 14.11 | 11.85 | 19.79 | 22.46 | 13.41 | 1.85 | 13.14 |
| \$20,001 - 30,000 |  | 13,786 | 36,903 | 39,135 | 37,538 | 32,055 | 23,666 | 10,715 | 887 | 194,685 |
|  | R\% | 7.08 | 18.96 | 20.10 | 19.28 | 16.47 | 12.16 | 5.50 | 0.46 | 100.00 |
|  | C\% | 38.19 | 33.50 | 28.57 | 21.80 | 21.65 | 18.56 | 6.10 | 0.54 | 18.20 |
| \$30,001 + |  | 7,043 | 15,380 | 13,346 | 10,658 | 8,311 | 3,916 | 1,178 | 201 | 60,033 |
|  | R\% | 11.73 | 25.62 | 22.23 | 17.75 | 13.84 | 6.52 | 1.96 | 0.33 | 100.00 |
|  | C\% | 19.51 | 13.96 | 9.74 | 6.19 | 5.61 | 3.07 | 0.67 | 0.12 | 5.61 |
| TOTAL |  | 36,096 | 110,166 | 136,998 | 172,158 | 148,046 | 127,510 | 175,622 | 163,346 | 1,069,942 |
|  | R\% | 3.37 | 10.30 | 12.80 | 16.09 | 13.84 | 11.92 | 16.41 | 15.27 | 100.00 |
|  | C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

## CHAPTER 5

## SUMMARY STATISTICS FOR THE MULTIPLE DATA ENTRY SYSTEM <br> Award Perlod <br> ..... 1988-89

## Table 20

# Multiple Data Entry Summary Statistics 

Award Period 1988-89

Table 20 displays summary statistics by Multiple Data Entry (MDE) source for all Pell Grant applicants.

During 1988-89, students could apply for a Pell Grant using the Federal application or one of four MDE applications: American College Testing (ACT) Program's Family Financial Statement; College Scholarship Service's (CSS) Financial Aid Form; the Pennsylvania Higher Education Assistance Agency (PHEAA) form; or the lllinois State Scholarship Commission (ISSC) form.

Table 20 shows that CSS's form was used by most students submitting an official Pell Grant application (42 percent) followed in order by the Federal Pell form (33 percent), ACT (19 percent), PHEAA (4 percent), and ISSC (1 percent). From 1987-88 to 1988-89 the proportion of applicants using the Federal form declined by 3 percent (from 36 percent). In contrast, the proportion of applicants from the two largest MDEs increased: CSS by 2 percent (from 40 percent) and ACT by 1 percent (from 18 percent).

In terms of absolute volume of applications, PHEAA had the largest increase over its 1987 88 volume at 13 percent. Application volumes rose by 10 percent for ACT and 9 percent for CSS. Application volumes decreased by 5 percent for the Federal form and 36 percent for ISSC.

Table 20 shows that, as in 1987-88, the proportion of applicants who became recipients in 1988-89 differed according to the application the student used. Students using the Federal application were most likely to receive a Pell Grant. Approximately 58 percent of the students
using this form became recipients. ACT and ISSC applicants were next, with 52 percent becoming recipients, followed by CSS with 42 percent, and PHEAA with 40 percent.

Some applicants did not receive grants because their applications were returned for insufficient data and were never resubmitted for processing. As Table 20 indicates, CSS applicants were most often in this category. Twelve percent of the applications from students who filled out a CSS form were "rejected" and never resubmitted. Federal Pell applications were least often rejected and never resubmitted ( 6 percent).

Another group of applicants filed applications that had sufficient data but were determined to be non-qualified based upon financial need. The proportion of non-qualified applicants differed substantially by application source. Over onethird of the students submitting CSS or PHEAA forms did not qualify for a grant. A little more than one quarter of the students submitting ACT forms did not qualify for a grant. Seventeen percent of ISSC applicants did not qualify. Students using the Federal Pell form, however, were much more likely to qualify for a grant: only 11 percent of the applicants in this group were non-qualified. The next table, Table 21 suggests that, as in 1987-88, students using the Federal form tended to have lower incomes than other applicants, a likely explanation for the high rate at which they qualified.

Figure 10 shows the percentage of applicants to each MDE whose applications were resolved in each of four manners: insufficient data, never qualified, qualified but never received a grant, awarded grant. Although students using the

Federal form were most likely to submit qualified applications and thus most likely to receive a Pell Grant, they were not the most likely to receive a Pell. Grant once their applications had been found eligible, probably because fewer of them actually enrolled in school. ACT applicants were. Approximately 83 percent of eligible ACT filers received a Pell Grant. In comparison, 80 percent of eligible CSS applicants were awarded aid; 78 percent of eligible PHEAA applicants; 71 percent of eligible ISSC filers; and 70 percent of eligible Federal applicants.

Table 20 also shows that average grant differed by application source. The largest average grants went to students using the Federal form ( $\$ 1,417$ ), followed by PHEAA ( $\$ 1,400$ ), ACT $(\$ 1,392), \operatorname{CSS}(\$ 1,390)$ and ISSC ( $\$ 1,227$ ).

These findings are explained by the fact that grants are a function of both income--the major contributing factor to SAI--and educational cost. Federal form filers probably receive the largest grants because of their generally lower incomes. PHEAA filers, who have the highest average incomes (see Table 21), probably receive the second largest grants because they attend more expensive schools.

The rate at which applicants subject to selection were selected for verification varied substantially by MDE application. Stüdents using the ISSC system were most often selected ( 47 percent of valid applicants) followed by applicants using the Federal form ( 34 percent), ACT applicants ( 33 percent), CSS, and PHEAA applicants (both 30 percent).

Figure 10
Distribution of Applicants By Outcome of Application
Award Year 1988-89


TABLE 20
MULTIPLE DATA ENTRY SUMMARY STATISTICS ALL APPLICANTS - AWARD YEAR 1988-89

|  | PELL | ACT | CSS | PHEAA | ISSC | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NUMBER OF APPLICANTS |  |  |  |  |  |  |
| SUBMITTING OFFICIAL APPLICATIONS | 2,173,744 | 1,266,295 | 2,743,046 | 264,659 | 71,605 | 6,519,349 |
| NUMBER OF APPLICANTS |  |  |  |  |  |  |
| SUBMITTING VALID APPLICATIONS | 2,044,701 | 1,151,573 | 2,404,528 | 247,352 | 65,070 | 5,913,224 |
| NUMBER AND PERCENT OF |  |  |  |  |  |  |
| QUALIFIED | 1,801,717 | 788,723 | 1,419,173 | 137,193 | 52,516 | 4,199,322 |
| APPLICANTS | 82.89 | 62.29 | 51.74 | 51.84 | 73.34 | 64.41 |
| NUMBER AND PERCENT OF |  |  |  |  |  |  |
| NON-QUALIFIED | 242,984 | 362,850 | 985,355 | 110,159 | 12,554 | 1,713,902 |
| APPLICANTS | 11.18 | 28.65 | 35.92 | 41.62 | 17.53 | 26.29 |
| NUMBER AND PERCENT OF |  |  |  |  |  |  |
| APPLICATIONS RETURNED FOR INSUFFICIENT DATA | 129,043 | 114,722 | 338,518 | 17,307 | 6,535 | 606,125 |
| NEVER RE-SUBMITTED FOR PROCESSING | 5.94 | 9.06 | 12.34 | 6.54 | 9.13 | 9.30 |
| NUMBER OF APPLICANTS |  |  |  |  |  |  |
| SUBMITTING UNOFFICIAL APPLICATIONS | 109,454 | 51,843 | 113,267 | 37,689 | 6,038 | 318,291 |
| NUMBER OF APPLICANTS |  |  |  |  |  |  |
| SELECTED FOR VALIDATION | 689,174 | 379,604 | 719,415 | 74,274 | 30,449 | 1,892,916 |
| NUMBER OF PELL GRANT |  |  |  |  |  |  |
| RECIPIENTS | 1,258,552 | 654,684 | 1,140,613 | 107,110 | 37,327 | 3,198,286 |
| TOTAL EXPENDITURES | \$1,783,017,527 | \$911,289,113 | \$1,585,594,491 | \$149,983,155 | \$45,808,963 | \$4,475,693,249 |
| AVERAGE GRANT | \$1,417 | \$1,392 | \$1,390 | \$1,400 | \$1,227 | \$1,399 |

# Table 21 <br> Distribution of Pell Grant Recipients By Family Income and Multiple Data Entry Application 

Award Period 1988-89

21A - Total<br>21B - Dependent<br>21C - Independent

Tables 21A, 21B, and 21C present the distribution of Pell Grant recipients by family income and Multiple Data Entry application, first for all recipients, then for dependents and independents.

As Table 20 showed, the CSS form was the most frequently used by students to apply for a Pell Grant. However, as Table 21A indicates, the Federal Pell form was used most often by Pell Grant recipients. During 1988-89, 39 percent of recipients used the Federal form, 36 percent used the CSS form, 21 percent filed ACT's form, 3 percent used PHEAA's form, and 1 percent used ISSC's form.

Table 21B shows that dependent students were more likely to use CSS ( 45 percent) followed by the Federal form ( 27 percent), ACT ( 23 percent), PHEAA ( 5 percent), and ISSC (1 percent). Independent students used the Federal form more frequently ( 49 percent); followed by CSS ( 29 percent), ACT (18 percent), PHEAA ( 2 percent), and ISSC (1 percent).

Looking at these data on dependency status another way, students using the Federal or ISSC form were mostly independent, while the majority of recipients processed by ACT, CSS, and PHEAA were dependent. Independents comprised 72 percent of recipients using the Federal form, 71 percent of the ISSC recipients

52 percent of ACT recipients, 47 percent of CSS recipients, and 40 percent of PHEAA recipients. Table 21A shows that Federal and ISSC filers, most of whom are independent, were most likely to report a low family income and least likely to report a relatively high income. For example, 49 percent of recipients using the Federal and ISSC forms reported a family income of $\$ 6,000$ or less; only 17 percent of Federal recipients and 22 percent of ISSC recipients reported an income that exceeded $\$ 15,000$. For those using the Federal form, 34 percent were in the middle range, with incomes from $\$ 6,001$ to $\$ 15,000$. ISSC's corresponding figures show that 29 percent were in that middle range.

Recipients whose applications originated with PHEAA tended to have the highest incomes. Only 29 percent of this group reported an income of $\$ 6,000$ or less; 43 percent were in the greater than $\$ 15,000$ family income range.

The distribution of incomes for CSS and ACT recipients was similar. For example, 31 percent of ACT recipients and 30 percent of CSS recipients were in the $\$ 6,000$ and less income range; 36 percent of ACT recipients and 37 percent of CSS recipients reported incomes greater than $\$ 15,000$. For both ACT and CSS, about 33 percent fell in the middle ranges, with incomes from $\$ 6,001$ to $\$ 15,000$.

TABLE 21-A
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY FAMILY INCOME AND MULTIPLE DATA ENTRY APPLICATION
ALL RECIPIENTS - AWARD YEAR 1988-89

| FAMILY INCOME | MULTIPLE DATA ENTRY APPLICATION |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | PELL | ACT | CSS | PHEAA | ISSC | TOTAL |
| LESS THAN \$1,001 | 105,791 | 40,840 | 67,651 | 5,351 | 2,397 | 222,030 |
| R\% | 47.65 | 18.39 | 30.47 | 2.41 | 1.08 | 100.00 |
| C\% | 8.41 | 6.24 | 5.93 | 5.00 | 6.42 | 6.94 |
| \$1,001 - 3,000 | 172,915 | 53,463 | 85,515 | 7,128 | 5,779 | 324,800 |
| R\% | 53.24 | 16.46 | 26.33 | 2.19 | 1.78 | 100.00 |
| C\% | 13.74 | 8.17 | 7.50 | 6.65 | 15.48 | 10.16 |
| \$3,001 - 6,000 | 335,659 | 110,718 | 193,666 | 18,336 | 10,166 | 668,545 |
| R\% | 50.21 | 16.56 | 28.97 | 2.74 | 1.52 | 100.00 |
| C\% | 26.67 | 16.91 | 16.98 | 17.12 | 27.23 | 20.90 |
| \$6,001-9,000 | 219,434 | 96,062 | 172,201 | 13,077 | 5,160 | 505,934 |
| R\% | 43.37 | 18.99 | 34.04 | 2.58 | 1.02 | 100.00 |
| C\% | 17.44 | 14.67 | 15.10 | 12.21 | 13.82 | 15.82 |
| \$9,001 - 15,000 | 207,532 | 121,105 | 200,479 | 16,859 | 5,649 | 551,624 |
| R\% | 37.62 | 21.95 | 36.34 | 3.06 | 1.02 | 100.00 |
| C\% | 16.49 | 18.50 | 17.58 | 15.74 | 15.13 | 17.25 |
| \$15,001 - 20,000 | 99,327 | 80,795 | 136,812 | 13,923 | 3,318 | 334,175 |
| R\% | 29.72 | 24.18 | 40.94 | 4.17 | 0.99 | 100.00 |
| C\% | 7.89 | 12.34 | 11.99 | 13.00 | 8.89 | 10.45 |
| \$20,001 - 30,000 | 98,290 | 109,623 | 194,928 | 22,093 | 3,788 | 428,722 |
| R\% | 22.93 | 25.57 | 45.47 | 5.15 | 0.88 | 100.00 |
| C\% | 7.81 | 16.74 | 17.09 | 20.63 | 10.15 | 13.40 |
| \$30,001 + | 19,604 | 42,078 | 89,361 | 10,343 | 1,070 | 162,456 |
| R\% | 12.07 | 25.90 | 55.01 | 6.37 | 0.66 | 100.00 |
| C\% | 1.56 | 6.43 | 7.83 | 9.66 | 2.87 | 5.08 |
| TOTAL | 1,258,552 | 654,684 | 1,140,613 | 107,110 | 37,327 | 3,198,286 |
| R\% | 39.35 | 20.47 | 35.66 | 3.35 | 1.17 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 21-B
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY FAMILY INCOME AND MULTIPLE DATA ENTRY APPLICATION
DEPENDENT RECIPIENTS - AWARD YEAR 1988-89

| FAMILY INCOME | MULTIPLE DATA ENTRY APPLICATION |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | PELL | ACT | CSS | PHEAA | ISSC | TOTAL |
| LESS THAN \$1,001 | 8,127 | 11,508 | 16,256 | 1,133 | 202 | 37,226 |
| R\% | 21.83 | 30.91 | 43.67 | 3.04 | 0.54 | 100.00 |
| C\% | 2.28 | 3.67 | 2.71 | 1.76 | 1.90 | 2.77 |
| \$1,001 - 3,000 | 26,370 | 9,778 | 15,765 | 1,482 | 663 | 54,058 |
| R\% | 48.78 | 18.09 | 29.16 | 2.74 | 1.23 | 100.00 |
| C\% | 7.40 | 3.12 | 2.63 | 2.30 | 6.22 | 4.02 |
| \$3,001 - 6,000 | 68,241 | 24,054 | 45,409 | 4,947 | 1,541 | 144,192 |
| R\% | 47.33 | 16.68 | 31.49 | 3.43 | 1.07 | 100.00 |
| C\% | 19.14 | 7.67 | 7.56 | 7.69 | 14.47 | 10.72 |
| \$6,001 - 9,000 | 59,322 | 28,570 | 56,761 | 5,214 | 1,143 | 151,010 |
| R\% | 39.28 | 18.92 | 37.59 | 3.45 | 0.76 | 100.00 |
| C\% | 16.64 | 9.11 | 9.45 | 8.10 | 10.73 | 11.22 |
| \$9,001 - 15,000 | 82,039 | 65,052 | 121,698 | 11,623 | 2,245 | 282,657 |
| R\% | 29.02 | 23.01 | 43.06 | 4.11 | 0.79 | 100.00 |
| C\% | 23.02 | 20.74 | 20.26 | 18.06 | 21.07 | 21.01 |
| \$15,001 - 20,000 | 46,437 | 54,387 | 102,417 | 11,248 | 1,709 | 216,198 |
| R\% | 21.48 | 25.16 | 47.37 | 5.20 | 0.79 | 100.00 |
| C\% | 13.03 | 17.34 | 17.05 | 17.48 | 16.04 | 16.07 |
| \$20,001 - 30,000 | 51,729 | 82,229 | 159,313 | 18,960 | 2,286 | 314,517 |
| R\% | 16.45 | 26.14 | 50.65 | 6.03 | 0.73 | 100.00 |
| C\% | 14.51 | 26.22 | 26.53 | 29.46 | 21.46 | 23.37 |
| \$30,001 + | 14,186 | 38,065 | 82,930 | 9,753 | 864 | 145,798 |
| R\% | 9.73 | 26.11 | 56.88 | 6.69 | 0.59 | 100.00 |
| C\% | 3.98 | 12.14 | 13.81 | 15.15 | 8.11 | 10.83 |
| TOTAL | 356,451 | 313,643 | 600,549 | 64,360 | 10,653 | 1,345,656 |
| R\% | 26.49 | 23.31 | 44.63 | 4.78 | 0.79 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 21-C
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY FAMILY INCOME AND MULTIPLE DATA ENTRY APPLICATION INDEPENDENT RECIPIENTS - AWARD YEAR 1988-89

| FAMILY INCOME | MULTIPLE DATA ENTRY APPLICATION |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | PELL | ACT | CSS | PHEAA | ISSC | TOTAL |
| LESS THAN \$1,001 | 97,664 | 29,332 | 51,395 | 4,218 | 2,195 | 184,804 |
| R\% | 52.85 | 15.87 | 27.81 | 2.28 | 1.19 | 100.00 |
| C\% | 10.83 | 8.60 | 9.52 | 9.87 | 8.23 | 9.98 |
| \$1,001 - 3,000 | 146,545 | 43,685 | 69,750 | 5,646 | 5,116 | 270,742 |
| R\% | 54.13 | 16.14 | 25.76 | 2.09 | 1.89 | 100.00 |
| C\% | 16.24 | 12.81 | 12.92 | 13.21 | 19.18 | 14.61 |
| \$3,001 - 6,000 | 267,418 | 86,664 | 148,257 | 13,389 | 8,625 | 524,353 |
| R\% | 51.00 | 16.53 | 28.27 | 2.55 | 1.64 | 100.00 |
| C\% | 29.64 | 25.41 | 27.45 | 31.32 | 32.33 | 28.30 |
| \$6,001 - 9,000 | 160,112 | 67,492 | 115,440 | 7,863 | 4,017 | 354,924 |
| R\% | 45.11 | 19.02 | 32.53 | 2.22 | 1.13 | 100.00 |
| C\% | 17.75 | 19.79 | 21.38 | 18.39 | 15.06 | 19.16 |
| \$9,001 - 15,000 | 125,493 | 56,053 | 78,781 | 5,236 | 3,404 | 268,967 |
| R\% | 46.66 | 20.84 | 29.29 | 1.95 | 1.27 | 100.00 |
| C\% | 13.91 | 16.44 | 14.59 | 12.25 | 12.76 | 14.52 |
| \$15,001 - 20,000 | 52,890 | 26,408 | 34,395 | 2,675 | 1,609 | 117,977 |
| R\% | 44.83 | 22.38 | 29.15 | 2.27 | 1.36 | 100.00 |
| C\% | 5.86 | 7.74 | 6.37 | 6.26 | 6.03 | 6.37 |
| \$20,001 - 30,000 | 46,561 | 27,394 | 35,615 | 3,133 | 1,502 | 114,205 |
| R\% | 40.77 | 23.99 | 31.19 | 2.74 | 1.32 | 100.00 |
| C\% | 5.16 | 8.03 | 6.59 | 7.33 | 5.63 | 6.16 |
| \$30,001 + | 5,418 | 4,013 | 6,431 | 590 | 206 | 16,658 |
| R\% | 32.52 | 24.09 | 38.61 | 3.54 | 1.24 | 100.00 |
| C\% | 0.60 | 1.18 | 1.19 | 1.38 | 0.77 | 0.90 |
| TOTAL | 902,101 | 341,041 | 540,064 | 42,750 | 26,674 | 1,852,630 |
| R\% | 48.69 | 18.41 | 29.15 | 2.31 | 1.44 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

## CHAPTER 6

# INSTITUTIONS PARTICIPATING IN THE PELL GRANT PROGRAM: SUMMARY INFORMATION 

Award Period 1988-89

## Table 22

# Summary Statistics By Type of Institution 

Award Period 1988-89

Table 22 displays summary statistics by type of institution for the 1988-89 award year.

Table 22 shows that participation in the Pell Grant program varies considerably by the length of the educational program offered by the institution (see Figure 11). The 2,122 schools which offered programs of 2 years but less than 3 years in duration represented 30 percent of all participating schools, the largest number of any one type of institution. Many of these schools are publicly-funded 2-year community colleges. Private 2 -year junior colleges are also represented in this category.

Schools offering 1 year but less than 2 year programs constituted the second largest category. These schools, which tend to be profit-making institutions offering vocational programs, represented 22 percent of all participants. Institutions with 6 month to 1 year programs ranked third, representing 21 percent of all schoois in the Pell Grant program. Schools in this category also tend to be proprietary institutions offering a vocational course of study.

The number of recipients at each type of school varied substantially. Although constituting only 11 percent of all institutions, 5 year schools attracted 35 percent of all Pell Grant recipients. Many of the institutions in this category are large, state-funded universities. An average of 1,384 recipients were enrolled at these 5 year schools. This compares with an average of 487 recipients at each 4 year school without a graduate program, 98 recipients at each 3 year but less than 4 year school, 481 recipients at each 2 year but less than 3 year school, 192 recipients
at each 1 year but less than 2 year school, and 183 recipients at each less than 1 year school.

Students attending institutions offering 1 year but less than 2 year programs received the largest average grants ( $\$ 1,485$ ), followed closely by those in 5 year schools $(\$ 1,482)$ and 4 year schools ( $\$ 1,477$ ). This represents a change from 1987-88, where the largest average grants were received by students at 4 year institutions not offering graduate programs, followed by students at 5 year schools and 1 year but less than 2 year schools.

Students enrolled in 2 year but less than 3 year institutions received the lowest average grants $(\$ 1,369)$. These tend to be publicly supported institutions, where a high percentage of the student body are commuters. Pell Grants at these schools tend to be low because of the low educational costs.

The distribution of total Pell Grant funds by institutional type mirrors the distribution of recipients. Five year schools attracted the most recipients of any of the institutional categories and as a result received the most program funds. Total disbursements to students enrolled in 5 year schools in 1988-89 totalled nearly $\$ 1.6$ billion, representing 37 percent of all Pell Grant expenditures. Two to three year schools received the next largest amount of Pell Grant funds ( 28 percent) followed by 4 year schools (16 percent).

A comparison with last year's data shows a 2 percent increase in the total number of institutions participating in the program, from 6,952
in 1987-88 to 7,080 in 1988-89. The 1 year but less than 2 year category experienced the greatest increase. In 1987-88 1,390 schools offering programs of this duration were in the program; in 1988-89 the number had increased to 1,540 . The 2 year but less than 3 year category increased stightly, from 2,112 in 1987-88 to 2,122 in 1988-89. The number of 4 year schools without graduate programs remained at 966. The other three types of institutions experienced modest cross-year declines in participation.

The cross-year comparison also shows that the average number of Pell Grant recipients per participating institution increased along with the program-wide increase in the number of students receiving Pell Grants and the overall rise in the number of participating schools. In 1987-88, each school averaged 414 Pell Grant recipients; in 1988-89, the average increased to 452 recipients per school. Five year schools experienced the largest increase in the average number of recipients per school, from 1,199 in 1987-88 to 1,384 in 1988-89.

Figure 11
Distribution of Institutions Participating in the Pell Grant Program By Length of Course Offering

Award Year 1988-89



TABLE 22
SUMMARY STATISTICS BY TYPE OF INSTITUTION
AWARD PERIOD 1988-89

| TYPE OF INSTITUTION: | NUMBER OF INSTITUTIONS | TOTAL EXPENDITURES | NUMBER OF RECIPIENTS | AVERAGE GRANT |
| :---: | :---: | :---: | :---: | :---: |
| 5 YEARS OR MORE | 812 | \$1,664,794,975 | 1,123,463 | \$1,482 |
| FOUR-YEAR NO GRADUATE PROGRAM | 966 | \$695,011,726 | 470,629 | \$1,477 |
| THREE YEARS BUT LESS THAN FOUR YEARS | 143 | \$19,251,239 | 14,059 | \$1,369 |
| TWO YEARS BUT LESS THAN THREE YEARS | 2,122 | \$1,259,177,672 | 1,021,042 | \$1,233 |
| ONE YEAR BUT LESS THAN TWO YEARS | 1,540 | \$439,320,620 | 295,925 | \$1,485 |
| SIX MONTHS BUT LESS THAN ONE YEAR | 1,497 | \$398,137,017 | 273,168 | \$1,457 |
| OTHER | 0 | \$0 | 0 | \$0 |
| TOTAL | 7,080 | \$4,475,693,249 | 3,198,286 | \$1,399 |

# Pell Grant Expenditures, Recipients, and Average Grant By Type and Control of Institution 

Award Period 1988-89

Table 23, summarizes information on Pell Grant expenditures, recipients, and average grant by type and control of institution.

Based on the data in Table 23, the majority of Pell Grant recipients (58 percent) attended postsecondary institutions that were publicly funded. Almost one in four recipients (23 percent) attended profit-making schools. The remainder (19 percent) were enrolled in institutions classified as private, non-profit (see Figure 12). The distribution of recipients by dependency status varied by these three institutional groups. A higher percentage of dependent than independent recipients--56 percent as opposed to 44 percent-were enrolled in private, non-profit schools. Independents, however, outnumbered dependents at other schools. Independents comprised 54 percent of the recipient population at public institutions and 78 percent at proprietary schools.

An examination of Table 23 shows that the number of recipients varied by length of program at
public, private, non-profit, and proprietary schools. There were approximately 894,000 recipients enrolled in public schools with programs of 5 years or more, comprising the largest group of recipients attending any type of public institution. In comparison, the largest group of recipients enrolled in private, non-profit schools went to 4 year institutions without graduate programs (approximately 288,000 ). Most recipients in private, profit-making schools were enrolled in institutions having programs 6 months to 1 year in length (approximately 263,000 ).

Overall, the average Pell Grant in 1988-89 was $\$ 1,399$, with independent students having higher average grants $(\$ 1,434)$ than dependent students $(\$ 1,352)$. The highest average grants were awarded to independent students enrolled in private, non-profit schools offering courses of 5 years or more ( $\$ 1,665$ ). The lowest average grants were awarded to dependents at public schools with 6 month to 1 year programs ( $\$ 941$ ).

Figure 12
Distribution of Recipients By Control of Institution
Award Year 1988-89


PELL GRANT EXPENDITURES, RECIPIENTS, \& AVERAGE GRANT BY TYPE \& CONTROL OF INSTITUTION ALL INSTITUTIONS - AWARD PERIOD 1988-89

| TYPE OF INSTITUTION | TOTAL EXPENDITURES |  |  | TOTAL RECIPIENTS |  |  | AVERAGE GRANT |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | total | DEPENDENTS | INDEPENDENTS | TOTAL | DEPENDENTS | INDEPENDENTS | TOTAL | DEPENDENTS | INDEPENDENTS |
| TOTAL PUBLIC INSTITUTIONS | \$2,479,572,453 | \$1,091,671,748 | \$1,387,900,705 | 1,862,669 | 849,519 | 1,013,150 | \$1,331 | \$1,285 | \$1,370 |
| FIVE YEARS OR MORE | 1,303,637,484 | 695,066,587 | 608,570,897 | 893,992 | 509,441 | 384,551 | 1,458 | 1,364 | 1,583 |
| FOUR-YEAR NO GRADUATE | 229,809,915 | 115,742,133 | 114,067,782 | 158,412 | 83,888 | 74,524 | 1,451 | 1,380 | 1,531 |
| three years but less than FOUR YEARS | 3,961,713 | 717,238 | 3,244,475 | 3,121 | 622 | 2,499 | 1,269 | 1,153 | 1,298 |
| TWO YEARS BUT LESS THAN THREE YEARS | 911,733,169 | 274,567,063 | 637,166,106 | 780,477 | 250,269 | 530,208 | 1,168 | 1,097 | 1,202 |
| ONE YEAR BUT LESS THAN TWO YEARS | 23,767,639 | 4,428,403 | 19,339,236 | 20,699 | 4,077 | 16,622 | 1,148 | 1,086 | 1,163 |
| SIX MONTHS BUT LESS THAN ONE YEAR | 6,662,533 | 1,150,324 | 5,512,209 | 5,968 | 1,222 | 4,746 | 1,116 | 941 | 1,161 |
| OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL PRIVATE, NON-PROFIT | \$902,210,638 | \$492,648,445 | \$409,562,193 | 592,655 | 333,720 | 258,935 | \$1,522 | \$1,476 | \$1,582 |
| FIVE YEARS OR MORE | 360,500,644 | 213,436,678 | 147,063,966 | 229,032 | 140,684 | 88,348 | 1,574 | 1,517 | 1,665 |
| FOUR-YEAR NO GRADUATE | 430,024,965 | 237,904,222 | 192,120,743 | 287,994 | 164,282 | 123,712 | 1,493 | 1,448 | 1,553 |
| THREE YEARS BUT LESS THAN FOUR YEARS | 5,754,587 | 2,004,111 | 3,750,476 | 4,049 | 1,582 | 2,467 | 1,421 | 1,267 | 1,520 |
| TWO YEARS BUT LESS THAN THREE YEARS | 74,143,443 | 30,277,893 | 43,865,550 | 52,235 | 21,839 | 30,396 | 1,419 | 1,386 | 1,443 |
| ONE YEAR BUT LESS THAN TWO YEARS | 24,637,438 | 8,082,396 | 16,555,042 | 14,755 | 4,700 | 10,055 | 1,670 | 1,720 | 1,646 |
| SIX MONTHS BUT LESS THAN ONE YEAR | 7,149,561 | 943,145 | 6,206,416 | 4,590 | 633 | 3,957 | 1,558 | 1,490 | 1,568 |
| OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL PRIVATE, PROFIT-MAKING | \$1,093,910,158 | \$234,872,720 | \$859,037,438 | 742,962 | 162,417 | 580,545 | \$1,472 | \$1,446 | \$1,480 |
| FIVE YEARS OR MORE | 656,847 | 107,946 | 548,901 | 439 | 77 | 362 | 1,496 | 1,402 | 1,516 |
| FOUR-YEAR NO GRADUATE | 35,176,846 | 11,942,515 | 23,234,331 | 24,223 | 8,361 | 15,862 | 1,452 | 1,428 | 1,465 |
| three years but less than FOUR YEARS | 9,534,939 | 2,961,437 | 6,573,502 | 6,889 | 2,197 | 4,692 | 1,384 | 1,348 | 1,401 |
| TWO YEARS BUT LESS THAN THREE YEARS | 273,301,060 | 65,292,759 | 208,008,301 | 188,330 | 47,114 | 141,216 | 1,451 | 1,386 | 1,473 |
| ONE YEAR BUT LESS THAN TWO YEARS | 390,915,543 | 82,226,632 | 308,688,911 | 260,471 | 55,135 | 205,336 | 1,501 | 1,491 | 1,503 |
| SIX MONTHS BUT LESS THAN ONE YEAR | 384,324,923 | 72,341,431 | 311,983,492 | 262,610 | 49,533 | 213,077 | 1,463 | 1,460 | 1,464 |
| OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | \$4,475,693,249 | \$1,819,192,913 | \$2,656,500,336 | 3,198,286 | 1,345,656 | 1,852,630 | \$1,399 | \$1,352 | \$1,434 |

Table 24

# Distribution of Pell Grant Recipients and Average Grant By Grant Level and Type of Institution 

Award Period 1988-89<br>24A - Total<br>24B - Dependent<br>24C - Independent

Tables 24A, 24B, and 24C present the distribution of Pell Grant recipients by grant level and type of institution, first for all recipients, then for dependents and independents, respectively. Grant levels are presented in $\$ 300$ ranges, up to the maximum award of $\$ 2,200$. The average grant for the recipients in each cell is also shown.

Table 24A confirms what Table 22 showed: students attending schools with programs 1 year but less than 2 years received, on average, the largest grants $(\$ 1,485)$, followed by students attending 5 year or more schools $(\$ 1,482)$. The smallest grants on average went to students attending schools offering 2 year but less than 3 year programs ( $\$ 1,233$ ). In between were grants for students attending 4 year no-graduate institutions $(\$ 1,477)$, those attending schools with programs less than 1 year long ( $\$ 1,457$ ), and those at schools with 3 but less than 4 year long programs ( $\$ 1,369$ ).

Just as the average grant by institutional type varied, so did the distribution of the maximum award. Recipients in the 1 year but less than 2 year institutional category were most likely to receive the maximum award ( 29 percent),
followed by those at schools with programs less than 1 year long ( 26 percent), those at 3 but less than 4 year program schools ( 23 percent), 4 year no-graduate institutions ( 22 percent), and institutions with 5 year programs (18 percent).

Recipients at 2 year but less than 3 year institutions, many of which are low cost public institutions, received the maximum award least often ( 9 percent). Most recipients in this institutional type category received relatively modest-sized awards. For example, 34 percent received grants of less than $\$ 900$. By comparison, only 23 percent of the recipients at relatively high cost 4 year schools received awards of less than $\$ 900$.

Tables 24B and 24C indicate that the overall average grant for independent recipients was higher than that for dependent recipients for all schools ( $\$ 1,434$ for independents, $\$ 1,352$ for dependents), and for each institutional type. Independent recipients were also much more likely to receive the maximum award (22 percent) than dependent students (11 percent).

## TABLE 24-A

## DISTRIBUTION OF PELL GRANT RECIPIENTS AND AVERAGE GRANT BY GRANT LEVEL AND TYPE OF INSTITUTION

## ALL RECIPIENTS - AWARD YEAR 1988-89

| GRANT LEVEL | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FIVE YEARS OR MORE | FOUR-YEAR <br> NO <br> GRADUATE | THREE YEARS BUT LESS THAN FOUR YEARS | TWO YEARS BUT LESS THAN THREE YEARS | ONE YEAR BUT LESS THAN TWO YEARS | SIX MONTHS BUT LESS THAN ONE YEAR | OTHER | TOTAL |
| \$1-299 | 33,840 | 14,487 | 587 | 45,581 | 6,797 | 5,839 | 0 | 107,131 |
| R\% | 31.59 | 13.52 | 0.55 | 42.55 | 6.34 | 5.45 | 0.00 | 100.00 |
| C\% | 3.01 | 3.08 | 4.18 | 4.46 | 2.30 | 2.14 | 0.00 | 3.35 |
| AVE-GRANT | \$222 | \$221 | \$212 | \$206 | \$196 | \$206 | \$0 | \$213 |
| \$300-599 | 99,113 | 44,082 | 1,599 | 135,434 | 19,730 | 16,750 | 0 | 316,708 |
| R\% | 31.29 | 13.92 | 0.50 | 42.76 | 6.23 | 5.29 | 0.00 | 100.00 |
| C\% | 8.82 | 9.37 | 11.37 | 13.26 | 6.67 | 6.13 | 0.00 | 9.90 |
| AVE-GRANT | \$458 | \$462 | \$456 | \$457 | \$464 | \$463 | \$0 | \$459 |
| \$600-899 | 112,774 | 48,521 | 2,107 | 161,904 | 32,852 | 33,152 | 0 | 391,310 |
| R\% | 28.82 | 12.40 | 0.54 | 41.37 | 8.40 | 8.47 | 0.00 | 100.00 |
| C\% | 10.04 | 10.31 | 14.99 | 15.86 | 11.10 | 12.14 | 0.00 | 12.23 |
| AVE-GRANT | \$753 | \$757 | \$745 | \$753 | \$746 | \$751 | \$0 | \$753 |
| \$900-1,199 | 153,782 | 71,366 | 2,070 | 174,786 | 63,506 | 62,030 | 0 | 527,540 |
| R\% | 29.15 | 13.53 | 0.39 | 33.13 | 12.04 | 11.76 | 0.00 | 100.00 |
| C\% | 13.69 | 15.16 | 14.72 | 17.12 | 21.46 | 22.71 | 0.00 | 16.49 |
| AVE-GRANT | \$1,051 | \$1,061 | \$1,061 | \$1,052 | \$1,074 | \$1,073 | \$0 | \$1,058 |
| \$1,200-1,499 | 125,923 | 46,123 | 1,667 | 159,540 | 41,062 | 39,007 | 0 | 413,322 |
| $\mathrm{R} \%$ | 30.47 | 11.16 | 0.40 | 38.60 | 9.93 | 9.44 | 0.00 | 100.00 |
| C\% | 11.21 | 9.80 | 11.86 | 15.63 | 13.88 | 14.28 | 0.00 | 12.92 |
| AVE-GRANT | \$1,358 | \$1,358 | \$1,383 | \$1,368 | \$1,426 | \$1,424 | \$0 | \$1,375 |
| \$1,500-1,799 | 134,477 | 55,595 | 1,186 | 133,349 | 17,419 | 19,305 | 0 | 361,331 |
| R\% | 37.22 | 15.39 | 0.33 | 36.90 | 4.82 | 5.34 | 0.00 | 100.00 |
| C\% | 11.97 | 11.81 | 8.44 | 13.06 | 5.89 | 7.07 | 0.00 | 11.30 |
| AVE-GRANT | \$1,659 | \$1,664 | \$1,654 | \$1,664 | \$1,648 | \$1,643 | \$0 | \$1,660 |
| \$1,800-2,199 | 266,917 | 86,610 | 1,657 | 117,754 | 28,629 | 25,001 | 0 | 526,568 |
| R\% | 50.69 | 16.45 | 0.31 | 22.36 | 5.44 | 4.75 | 0.00 | 100.00 |
| C\% | 23.76 | 18.40 | 11.79 | 11.53 | 9.67 | 9.15 | 0.00 | 16.46 |
| AVE-GRANT | \$2,012 | \$2,016 | \$2,001 | \$1,995 | \$2,028 | \$1,992 | \$0 | \$2,009 |
| \$2,200 | 196,637 | 103,845 | 3,186 | 92,694 | 85,930 | 72,084 | 0 | 554,376 |
| $\mathrm{R} \%$ | 35.47 | 18.73 | 0.57 | 16.72 | 15.50 | 13.00 | 0.00 | 100.00 |
| C\% | 17.50 | 22.07 | 22.66 | 9.08 | 29.04 | 26.39 | 0.00 | 17.33 |
| AVE-GRANT | \$2,200 | \$2,200 | \$2,200 | \$2,200 | \$2,200 | \$2,200 | \$0 | \$2,200 |
| TOTAL | 1,123,463 | 470,629 | 14,059 | 1,021,042 | 295,925 | 273,168 | 0 | 3,198,286 |
| R\% | 35.13 | 14.72 | 0.44 | 31.92 | 9.25 | 8.54 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |
| AVE-GRANT | \$1,482 | \$1,477 | \$1,369 | \$1,233 | \$1,485 | \$1,457 | \$0 | \$1,399 |

TABLE 24-B

## DISTRIBUTION OF PELL GRANT RECIPIENTS AND AVERAGE GRANT <br> BY GRANT LEVEL AND TYPE OF INSTITUTION <br> DEPENDENT RECIPIENTS - AWARD YEAR 1988-89

| GRANT LEVEL | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FIVE YEARS OR MORE | FOUR-YEAR <br> NO <br> GRADUATE | THREE YEARS BUT LESS THAN FOUR YEARS | TWO YEARS BUT LESS THAN THREE YEARS | ONE YEAR <br> BUT LESS THAN TWO YEARS | SIX MONTHS BUT LESS THAN ONE YEAR | OTHER | TOTAL |
| \$1-299 | 24,009 | 9,179 | 245 | 15,828 | 1,864 | 1,422 | 0 | 52,547 |
| R\% | 45.69 | 17.47 | 0.47 | 30.12 | 3.55 | 2.71 | 0.00 | 100.00 |
| C\% | 35.36 | 23.99 | 38.10 | 95.37 | 12.62 | 12.22 | 0.00 | 35.08 |
| AVE-GRANT | \$227 | \$228 | \$212 | \$210 | \$206 | \$211 | \$0 | \$221 |
| \$300-599 | 65,961 | 25,064 | 584 | 43,296 | 4,683 | 3,617 | 0 | 143,205 |
| R\% | 46.06 | 17.50 | 0.41 | 30.23 | 3.27 | 2.53 | 0.00 | 100.00 |
| C\% | 97.15 | 65.51 | 90.82 | 260.87 | 31.70 | 31.08 | 0.00 | 95.59 |
| AVE-GRANT | \$453 | \$453 | \$457 | \$453 | \$462 | \$461 | \$0 | \$454 |
| \$600-899 | 74,578 | 29,928 | 642 | 53,703 | 7,008 | 6,185 | 0 | 172,044 |
| R\% | 43.35 | 17.40 | 0.37 | 31.21 | 4.07 | 3.60 | 0.00 | 100.00 |
| C\% | 11.47 | 11.67 | 14.59 | 16.82 | 10.97 | 12.04 | 0.00 | 12.79 |
| AVE-GRANT | \$751 | \$757 | \$743 | \$749 | \$745 | \$750 | \$0 | \$751 |
| \$900-1,199 | 86,654 | 34,495 | 652 | 58,462 | 12,310 | 10,717 | 0 | 203,290 |
| R\% | 42.63 | 16.97 | 0.32 | 28.76 | 6.06 | 5.27 | 0.00 | 100.00 |
| C\% | 13.33 | 13.45 | 14.81 | 18.31 | 19.26 | 20.86 | 0.00 | 15.11 |
| AVE-GRANT | \$1,048 | \$1,054 | \$1,055 | \$1,048 | \$1,067 | \$1,064 | \$0 | \$1,051 |
| \$1,200-1,499 | 88,035 | 30,068 | 569 | 61,106 | 7,988 | 6,632 | 0 | 194,398 |
| $\mathrm{R} \%$ | 45.29 | 15.47 | 0.29 | 31.43 | 4.11 | 3.41 | 0.00 | 100.00 |
| C\% | 13.54 | 11.72 | 12.93 | 19.14 | 12.50 | 12.91 | 0.00 | 14.45 |
| AVE-GRANT | \$1,351 | \$1,350 | \$1,369 | \$1,356 | \$1,405 | \$1,403 | \$0 | \$1,357 |
| \$1,500-1,799 | 90,221 | 37,127 | 422 | 43,367 | 4,231 | 4,114 | 0 | 179,482 |
| R\% | 50.27 | 20.69 | 0.24 | 24.16 | 2.36 | 2.29 | 0.00 | 100.00 |
| C\% | 13.88 | 14.47 | 9.59 | 13.59 | 6.62 | 8.01 | 0.00 | 13.34 |
| AVE-GRANT | \$1,656 | \$1,669 | \$1,657 | \$1,664 | \$1,652 | \$1,653 | \$0 | \$1,661 |
| \$1,800-2,199 | 152,851 | 52,408 | 644 | 26,863 | 11,053 | 7,064 | 0 | 250,883 |
| R\% | 60.93 | 20.89 | 0.26 | 10.71 | 4.41 | 2.82 | 0.00 | 100.00 |
| C\% | 23.51 | 20.43 | 14.63 | 8.42 | 17.29 | 13.75 | 0.00 | 18.64 |
| AVE-GRANT | \$2,014 | \$2,023 | \$2,007 | \$1,988 | \$2,054 | \$2,035 | \$0 | \$2,015 |
| \$2,200 | 67,893 | 38,262 | 643 | 16,597 | 14,775 | 11,637 | 0 | 149,807 |
| R\% | 45.32 | 25.54 | 0.43 | 11.08 | 9.86 | 7.77 | 0.00 | 100.00 |
| C\% | 10.44 | 14.92 | 14.61 | 5.20 | 23.12 | 22.65 | 0.00 | 11.13 |
| AVE-GRANT | \$2,200 | \$2,200 | \$2,200 | \$2,200 | \$2,200 | \$2,200 | \$0 | \$2,200 |
| TOTAL | 650,202 | 256,531 | 4,401 | 319,222 | 63,912 | 51,388 | 0 | 1,345,656 |
| R\% | 48.32 | 19.06 | 0.33 | 23.72 | 4.75 | 3.82 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |
| AVE-GRANT | \$1,397 | \$1,425 | \$1,291 | \$1,159 | \$1,482 | \$1,448 | \$0 | \$1,352 |

## DISTRIBUTION OF PELL GRANT RECIPIENTS AND AVERAGE GRANT <br> BY GRANT LEVEL AND TYPE OF INSTITUTION <br> INDEPENDENT RECIPIENTS - AWARD YEAR 1988-89

| GRANT LEVEL | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FIVE YEARS OR MORE | FOUR-YEAR <br> NO <br> GRADUATE | THREE YEARS BUT LESS THAN FOUR YEARS | TWO YEARS BUT LESS THAN THREE YEARS | ONE YEAR <br> BUT LESS THAN TWO YEARS | SIX MONTHS BUT LESS THAN ONE YEAR | OTHER | TOTAL |
| \$1-299 | 9,831 | 5,308 | 342 | 29,753 | 4,933 | 4,417 | 0 | 54,584 |
| R\% | 18.01 | 9.72 | 0.63 | 54.51 | 9.04 | 8.09 | 0.00 | 100.00 |
| C\% | 2.08 | 2.48 | 3.54 | 4.24 | 2.13 | 1.99 | 0.00 | 2.95 |
| AVE-GRANT | \$210 | \$208 | \$211 | \$203 | \$193 | \$205 | \$0 | \$204 |
| \$300-599 | 33,152 | 19,018 | 1,015 | 92,138 | 15,047 | 13,133 | 0 | 173,503 |
| R\% | 19.11 | 10.96 | 0.59 | 53.10 | 8.67 | 7.57 | 0.00 | 100.00 |
| C\% | 7.01 | 8.88 | 10.51 | 13.13 | 6.49 | 5.92 | 0.00 | 9.37 |
| AVE-GRANT | \$466 | \$474 | \$456 | \$459 | \$465 | \$463 | \$0 | \$463 |
| \$600-899 | 38,196 | 18,593 | 1,465 | 108,201 | 25,844 | 26,967 | 0 | 219,266 |
| R\% | 17.42 | 8.48 | 0.67 | 49.35 | 11.79 | 12.30 | 0.00 | 100.00 |
| C\% | 8.07 | 8.68 | 15.17 | 15.42 | 11.14 | 12.16 | 0.00 | 11.84 |
| AVE-GRANT | \$757 | \$756 | \$746 | \$756 | \$746 | \$752 | \$0 | \$754 |
| \$900-1,199 | 67,128 | 36,871 | 1,418 | 116,324 | 51,196 | 51,313 | 0 | 324,250 |
| $\mathrm{R} \%$ | 20.70 | 11.37 | 0.44 | 35.87 | 15.79 | 15.83 | 0.00 | 100.00 |
| C\% | 14.18 | 17.22 | 14.68 | 16.57 | 22.07 | 23.14 | 0.00 | 17.50 |
| AVE-GRANT | \$1,054 | \$1,068 | \$1,063 | \$1,055 | \$1,076 | \$1,075 | \$0 | \$1,063 |
| \$1,200-1,499 | 37,888 | 16,055 | 1,098 | 98,434 | 33,074 | 32,375 | 0 | 218,924 |
| $\mathrm{R} \%$ | 17.31 | 7.33 | 0.50 | 44.96 | 15.11 | 14.79 | 0.00 | 100.00 |
| C\% | 8.01 | 7.50 | 11.37 | 14.03 | 14.26 | 14.60 | 0.00 | 11.82 |
| AVE-GRANT | \$1,374 | \$1,371 | \$1,391 | \$1,374 | \$1,431 | \$1,428 | \$0 | \$1,391 |
| \$1,500-1,799 | 44,256 | 18,468 | 764 | 89,982 | 13,188 | 15,191 | 0 | 181,849 |
| R\% | 24.34 | 10.16 | 0.42 | 49.48 | 7.25 | 8.35 | 0.00 | 100.00 |
| C\% | 9.35 | 8.63 | 7.91 | 12.82 | 5.68 | 6.85 | 0.00 | 9.82 |
| AVE-GRANT | \$1,663 | \$1,652 | \$1,652 | \$1,664 | \$1,646 | \$1,640 | \$0 | \$1,659 |
| \$1,800-2,199 | 114,066 | 34,202 | 1,013 | 90,891 | 17,576 | 17,937 | 0 | 275,685 |
| R\% | 41.38 | 12.41 | 0.37 | 32.97 | 6.38 | 6.51 | 0.00 | 100.00 |
| C\% | 24.10 | 15.97 | 10.49 | 12.95 | 7.58 | 8.09 | 0.00 | 14.88 |
| AVE-GRANT | \$2,010 | \$2,006 | \$1,998 | \$1,997 | \$1,012 | \$1,975 | \$0 | \$1,003 |
| \$2,200 | 128,744 | 65,583 | 2,543 | 76,097 | 71,155 | 60,447 | 0 | 404,569 |
| R\% | 31.82 | 16.21 | 0.63 | 18.81 | 17.59 | 14.94 | 0.00 | 100.00 |
| C\% | 27.20 | 30.63 | 26.33 | 10.84 | 30.67 | 27.26 | 0.00 | 21.84 |
| AVE-GRANT | \$2,200 | \$2,200 | \$2,200 | \$2,200 | \$2,200 | \$2,200 | \$0 | \$2,200 |
| TOTAL | 473,261 | 214,098 | 9,658 | 701,820 | 232,013 | 221,780 | 0 | 1,852,630 |
| R\% | 25.55 | 11.56 | 0.52 | 37.88 | 12.52 | 11.97 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |
| AVE-GRANT | \$1,598 | \$1,539 | \$1,405 | \$1,267 | \$1,485 | \$1,460 | \$0 | \$1,434 |

Table 25

# Distribution of Pell Grant Recipients By Educational Cost and Grant Level 

Award Period 1988-89<br>25A - Total<br>25B - Dependent<br>25C - Independent

Tables 25A, 25B, and 25C present the distribution of Pell Grant recipients by educational cost and grant level, first for all recipients, then for dependents and independents, respectively.

As in Table 4, the step-shaped line drawn diagonally through the three tables delineates valid versus invalid awards. All cells to the right of the line should contain zeros as they are invalid combinations of educational cost and grant level. For example, the maximum grant for a full-time student with a cost of $\$ 1,800$ is $\$ 1,110$. Grants which exceeded $\$ 1,110$ for this educational cost were most likely overawards resulting from attendance by the Pell Grant recipient at more than one school during the award year.

Table 25A shows that, consistent with Pell award determination rules, the higher the recipient's educational cost, the greater the potential for receiving a large Pell Grant. For example, of the recipients with educational costs greater than $\$ 3,300$, 50 percent received a grant of $\$ 1,500$ or greater, while 22 percent were awarded a grant less than $\$ 900$. In comparison, of the recipients with educational costs of $\$ 3,000$ or less, only 23 percent were awarded a grant of
$\$ 1,500$ or greater, while 40 percent were given a grant of less than $\$ 900$.

A comparison of Tables 25B and 25C reveals that the educational costs of dependents and independents were similar. For example, 70 percent of dependents had costs greater than $\$ 3,300 ; 76$ percent of independents had costs in this range. About 9 percent of the dependent population were enrolled in schools with costs less than $\$ 2,401$; 4 percent of the independents were enrolled in these low cost institutions.

In comparing dependent and independent students' costs by grant level, some differences are apparent. More independents receive the maximum grant for their cost of education at the highest grant levels ( 22 percent at the maximum grant of $\$ 2,200,15$ percent for grants of $\$ 1,800$ to $\$ 2,199$ ), while more dependents receive the maximum grant for their cost of education at other grant levels (e.g. 19 percent at $\$ 1,800$ to $2,199,15$ percent at $\$ 900-\$ 1,199$, and 14 percent at $\$ 1,200$ to $\$ 1,499$ ). These differences reflect the fact that more independent students tend to qualify for the maximum award.

TABLE 25-A
DISTRIBUTION OF PELL GRANT RECIPIENTS BY EDUCATIONAL COST AND GRANT LEVEL ALL RECIPIENTS - AWARD YEAR 1988-89

| COST OF EDUCATION | GRANT LEVEL |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 | TOTAL |
| LESS THAN \$400 | 373 | 2 | 0 | 1 | 1 | 1 | 0 | 2 | 380 |
| R\% | 98.16 | 0.53 | 0.00 | 0.26 | 0.26 | 0.26 | 0.00 | 0.53 | 100.00 |
| C\% | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| \$400-1,500 | 3,327 | 2,634 | 1,458 | 39 | 7 | 12 | 0 | 0 | 7,477 |
| R\% | 44.50 | 35.23 | 19.50 | 0.52 | 0.09 | 0.16 | 0.00 | 0.00 | 100.00 |
| C\% | 3.11 | 0.83 | 0.37 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.23 |
| \$1,501-1,800 | 2,128 | 6,217 | 3,999 | 14,450 | 9 | 6 | 17 | 0 | 26,826 |
| R\% | 7.93 | 23.18 | 14.91 | 53.87 | 0.03 | 0.02 | 0.06 | 0.00 | 100.00 |
| C\% | 1.99 | 1.96 | 1.02 | 2.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.84 |
| \$1,801-2,100 | 2,614 | 5,763 | 5,932 | 8,091 | 7,027 | 128 | 58 | 24 | 29,637 |
| R\% | 8.82 | 19.45 | 20.02 | 27.30 | 23.71 | 0.43 | 0.20 | 0.08 | 100.00 |
| C\% | 2.44 | 1.82 | 1.52 | 1.53 | 1.70 | 0.04 | 0.01 | 0.00 | 0.93 |
| \$2,101-2,400 | 5,416 | 20,086 | 27,012 | 19,374 | 67,628 | 56 | 74 | 42 | 139,688 |
| R\% | 3.88 | 14.38 | 19.34 | 13.87 | 48.41 | 0.04 | 0.05 | 0.03 | 100.00 |
| C\% | 5.06 | 6.34 | 6.90 | 3.67 | 16.36 | 0.02 | 0.01 | 0.01 | 4.37 |
| \$2,401-2,700 | 5,998 | 18,816 | 21,353 | 15,969 | 22,447 | 23,329 | 225 | 246 | 108,383 |
| R\% | 5.53 | 17.36 | 19.70 | 14.73 | 20.71 | 21.52 | 0.21 | 0.23 | 100.00 |
| C\% | 5.60 | 5.94 | 5.46 | 3.03 | 5.43 | 6.46 | 0.04 | 0.04 | 3.39 |
| \$2,701-3,000 | 9,622 | 31,571 | 50,671 | 23,222 | 29,837 | 106,923 | 1,336 | 449 | 253,631 |
| $\mathrm{R} \%$ | 3.79 | 12.45 | 19.98 | 9.16 | 11.76 | 42.16 | 0.53 | 0.18 | 100.00 |
| C\% | 8.98 | 9.97 | 12.95 | 4.40 | 7.22 | 29.59 | 0.25 | 0.08 | 7.93 |
| \$3,001-3,300 | 9,538 | 29,243 | 28,776 | 45,776 | 29,830 | 27,645 | 97,025 | 864 | 268,697 |
| R\% | 3.55 | 10.88 | 10.71 | 17.04 | 11.10 | 10.29 | 36.11 | 0.32 | 100.00 |
| C\% | 8.90 | 9.23 | 7.35 | 8.68 | 7.22 | 7.65 | 18.43 | 0.16 | 8.40 |
| \$3,301-3,700 | 14,785 | 44,981 | 47,879 | 79,259 | 46,315 | 47,809 | 187,028 | 23,800 | 491,856 |
| R\% | 3.01 | 9.15 | 9.73 | 16.11 | 9.42 | 9.72 | 38.02 | 4.84 | 100.00 |
| C\% | 13.80 | 14.20 | 12.24 | 15.02 | 11.21 | 13.23 | 35.52 | 4.29 | 15.38 |
| \$3,701 + | 53,330 | 157,395 | 204,230 | 321,359 | 210,221 | 155,422 | 240,805 | 528,949 | 1,871,711 |
| R\% | 2.85 | 8.41 | 10.91 | 17.17 | 11.23 | 8.30 | 12.87 | 28.26 | 100.00 |
| C\% | 49.78 | 49.70 | 52.19 | 60.92 | 50.86 | 43.01 | 45.73 | 95.41 | 58.52 |
| TOTAL | 107,131 | 316,708 | 391,310 | 527,540 | 413,322 | 361,331 | 526,568 | 554,376 | 3,198,286 |
| R\% | 3.35 | 9.90 | 12.23 | 16.49 | 12.92 | 11.30 | 16.46 | 17.33 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 25-B
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY EDUCATIONAL COST AND GRANT LEVEL
DEPENDENT RECIPIENTS - AWARD YEAR 1988-89

|  | GRANT LEVEL |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| COST OF EDUCATION | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 | TOTAL |
| LESS THAN \$400 | 1 | 2 | 0 | 1 | 1 | 1 | 0 | 1 | 7 |
| R\% | 14.29 | 28.57 | 0.00 | 14.29 | 14.29 | 14.29 | 0.00 | 14.29 | 100.00 |
| C\% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| \$400-1,500 | 216 | 50 | 44 | 16 | 3 | 6 | 0 | 0 | 335 |
| R\% | 64.48 | 14.93 | 13.13 | 4.78 | 0.90 | 1.79 | 0.00 | 0.00 | 100.00 |
| C\% | 0.41 | 0.03 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 |
| \$1,501-1,800 | 1,340 | 4,086 | 3,019 | 12,165 | 4 | 5 | 7 | 0 | 20,626 |
| $\mathrm{R} \%$ | 6.50 | 19.81 | 14.64 | 58.98 | 0.02 | 0.02 | 0.03 | 0.00 | 100.00 |
| C\% | 2.55 | 2.85 | 1.75 | 5.98 | 0.00 | 0.00 | 0.00 | 0.00 | 1.53 |
| \$1,801-2,100 | 1,821 | 3,897 | 4,088 | 5,972 | 5,839 | 94 | 41 | 17 | 21,769 |
| R\% | 8.37 | 17.90 | 18.78 | 27.43 | 26.82 | 0.43 | 0.19 | 0.08 | 100.00 |
| C\% | 3.47 | 2.72 | 2.38 | 2.94 | 3.00 | 0.05 | 0.02 | 0.01 | 1.62 |
| \$2,101-2,400 | 2,832 | 9,930 | 14,164 | 11,175 | 42,414 | 39 | 54 | 15 | 80,623 |
| R\% | 3.51 | 12.32 | 17.57 | 13.86 | 52.61 | 0.05 | 0.07 | 0.02 | 100.00 |
| C\% | 5.39 | 6.93 | 8.23 | 5.50 | 21.82 | 0.02 | 0.02 | 0.01 | 5.99 |
| \$2,401-2,700 | 2,521 | 7,634 | 9,298 | 7,370 | 13,469 | 12,037 | 69 | 68 | 52,466 |
| R\% | 4.81 | 14.55 | 17.72 | 14.05 | 25.67 | 22.94 | 0.13 | 0.13 | 100.00 |
| C\% | 4.80 | 5.33 | 5.40 | 3.63 | 6.93 | 6.71 | 0.03 | 0.05 | 3.90 |
| \$2,701-3,000 | 3,804 | 10,807 | 20,547 | 9,511 | 12,817 | 53,544 | 668 | 287 | 111,985 |
| $\mathrm{R} \%$ | 3.40 | 9.65 | 18.35 | 8.49 | 11.45 | 47.81 | 0.60 | 0.26 | 100.00 |
| C\% | 7.24 | 7.55 | 11.94 | 4.68 | 6.59 | 29.83 | 0.27 | 0.19 | 8.32 |
| \$3,001-3,300 | 4,420 | 11,715 | 12,674 | 16,986 | 12,558 | 13,272 | 37,453 | 286 | 109,364 |
| R\% | 4.04 | 10.71 | 11.59 | 15.53 | 11.48 | 12.14 | 34.25 | 0.26 | 100.00 |
| C\% | 8.41 | 8.18 | 7.37 | 8.36 | 6.46 | 7.39 | 14.93 | 0.19 | 8.13 |
| \$3,301-3,700 | 7,597 | 19,984 | 22,572 | 31,304 | 22,643 | 23,290 | 77,469 | 9,692 | 214,551 |
| $\mathrm{R} \%$ | 3.54 | 9.31 | 10.52 | 14.59 | 10.55 | 10.86 | 36.11 | 4.52 | 100.00 |
| C\% | 14.46 | 13.95 | 13.12 | 15.40 | 11.65 | 12.98 | 30.88 | 6.47 | 15.94 |
| \$3,701 + | 27,995 | 75,100 | 85,638 | 108,790 | 84,650 | 77,194 | 135,122 | 139,441 | 733,930 |
| R\% | 3.81 | 10.23 | 11.67 | 14.82 | 11.53 | 10.52 | 18.41 | 19.00 | 100.00 |
| C\% | 53.28 | 52.44 | 49.78 | 53.51 | 43.54 | 43.01 | 53.86 | 93.08 | 54.54 |
| TOTAL | 52,547 | 143,205 | 172,044 | 203,290 | 194,398 | 179,482 | 250,883 | 149,807 | 1,345,656 |
| R\% | 3.90 | 10.64 | 12.79 | 15.11 | 14.45 | 13.34 | 18.64 | 11.13 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 25-C
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY EDUCATIONAL COST AND GRANT LEVEL INDEPENDENT RECIPIENTS - AWARD YEAR 1988-89

|  | GRANT LEVEL |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { COST OF } \\ & \text { EDUCATION } \end{aligned}$ | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,199 | \$2,200 | TOTAL |
| LESS THAN \$400 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 373 |
| R\% | 99.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 | 100.00 |
| C\% | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 |
| \$400-1,500 | 3,111 | 2,584 | 1,414 | 23 | 4 | 6 | 0 | 0 | 7,142 |
| $\mathrm{R} \%$ | 43.56 | 36.18 | 19.80 | 0.32 | 0.06 | 0.08 | 0.00 | 0.00 | 100.00 |
| C\% | 5.70 | 1.49 | 0.64 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.39 |
| \$1,501-1,800 | 788 | 2,131 | 980 | 2,285 | 5 | 1 | 10 | 0 | 6,200 |
| $\mathrm{R} \%$ | 12.71 | 34.37 | 15.81 | 36.85 | 0.08 | 0.02 | 0.16 | 0.00 | 100.00 |
| C\% | 1.44 | 1.23 | 0.45 | 0.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.33 |
| \$1,801-2,100 | 793 | 1,866 | 1,844 | 2,119 | 1,188 | 34 | 17 | 7 | 7,868 |
| R\% | 10.08 | 23.72 | 23.44 | 26.93 | 15.10 | 0.43 | 0.22 | 0.09 | 100.00 |
| C\% | 1.45 | 1.08 | 0.84 | 0.65 | 0.54 | 0.02 | 0.01 | 0.00 | 0.42 |
| \$2,101-2,400 | 2,584 | 10,156 | 12,848 | 8,199 | 25,214 | 17 | 20 | 27 | 59,065 |
| $\mathrm{R} \%$ | 4.37 | 17.19 | 21.75 | 13.88 | 42.69 | 0.03 | 0.03 | 0.05 | 100.00 |
| C\% | 4.73 | 5.85 | 5.86 | 2.53 | 11.52 | 0.01 | 0.01 | 0.01 | 3.19 |
| \$2,401-2,700 | 3,477 | 11,182 | 12,055 | 8,599 | 8,978 | 11,292 | 156 | 178 | 55,917 |
| $\mathrm{R} \%$ | 6.22 | 20.00 | 21.56 | 15.38 | 16.06 | 20.19 | 0.28 | 0.32 | 100.00 |
| C\% | 6.37 | 6.44 | 5.50 | 2.65 | 4.10 | 6.21 | 0.06 | 0.04 | 3.02 |
| \$2,701-3,000 | 5,818 | 20,764 | 30,124 | 13,711 | 17,020 | 53,379 | 668 | 162 | 141,646 |
| R\% | 4.11 | 14.66 | 21.27 | 9.68 | 12.02 | 37.68 | 0.47 | 0.11 | 100.00 |
| C\% | 10.66 | 11.97 | 13.74 | 4.23 | 7.77 | 29.35 | 0.24 | 0.04 | 7.65 |
| \$3,001-3,300 | 5,118 | 17,528 | 16,102 | 28,790 | 17,272 | 14,373 | 59,572 | 578 | 159,333 |
| $\mathrm{R} \%$ | 3.21 | 11.00 | 10.11 | 18.07 | 10.84 | 9.02 | 37.39 | 0.36 | 100.00 |
| C\% | 9.38 | 10.10 | 7.34 | 8.88 | 7.89 | 7.90 | 21.61 | 0.14 | 8.60 |
| \$3,301-3,700 | 7,188 | 24,997 | 25,307 | 47,955 | 23,672 | 24,519 | 109,559 | 14,108 | 277,305 |
| R\% | 2.59 | 9.01 | 9.13 | 17.29 | 8.54 | 8.84 | 39.51 | 5.09 | 100.00 |
| C\% | 13.17 | 14.41 | 11.54 | 14.79 | 10.81 | 13.48 | 39.74 | 3.49 | 14.97 |
| \$3,701 + | 25,335 | 82,295 | 118,592 | 212,569 | 125,571 | 78,228 | 105,683 | 389,508 | 1,137,781 |
| R\% | 2.23 | 7.23 | 10.42 | 18.68 | 11.04 | 6.88 | 9.29 | 34.23 | 100.00 |
| C\% | 46.41 | 47.43 | 54.09 | 65.56 | 57.36 | 43.02 | 38.33 | 96.28 | 61.41 |
| TOTAL | 54,584 | 173,503 | 219,266 | 324,250 | 218,924 | 181,849 | 275,685 | 404,569 | 1,852,630 |
| R\% | 2.95 | 9.37 | 11.84 | 17.50 | 11.82 | 9.82 | 14.88 | 21.84 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

# Distribution of Pell Grant Recipients By State and Control of Institution 

Award Period 1988-89

Table 26 presents the distribution of Pell Grant recipients by state and control of institution.

The number of Pell Grant recipients enrolled in postsecondary institutions varied greatly from state to state. In general, the larger the population of a state, the larger the number of Pell recipients enrolled in institutions within that state. For exampie, New York and California together had nearly 558,000 recipients attending schools within their boundaries, or 17 percent of the total number of Pell Grant recipients. In contrast, the following eight states had fewer than 10,000 recipients each, and together accounted for 2 percent of all recipients: Alaska, District of Columbia, Hawaii, Nevada, New Hampshire, Rhode Island, Vermont, and Wyoming.

An examination of the general enrollment pattern from Table 23 shows that approximately 58 percent of the total recipient population attended public institutions, 19 percent attended private, non-profit institutions, and 23 percent were enrolled in profit-making schools. However, there was considerable variety among states in the type of school most often attended by Pell Grant recipients. In nine states, over threefourths of the recipients were enrolled in public institutions. These states were Minnesota, Mississippi, Montana, Nebraska, New Mexico, North Dakota, Oregon, Wisconsin, and Wyoming.

In certain jurisdictions, a relatively large percentage of recipients attended private, non-
profit institutions. For example, in Massachusetts, Rhode Island, Vermont, the District of Columbia, and the All Others category, over one-third of the recipients were enrolled in private non-profit schools. (Note that the category "All Others" includes recipients enrolled in participating schools in Puerto Rico, the Virgin Islands, Guam, American Samoa and the Pacific Islands).

In other states, students attending private, profit-making institutions comprised a relatively large proportion of the recipient population. In Alaska, Arizona, Connecticut, Delaware, the District of Columbia, Florida, Louisiana, and Nevada, over one-third of all recipients attended these schools.

In comparing 1987-88 and 1988-89 data, all jurisdictions except for the District of Columbia experienced an increase in recipients. The District of Columbia experienced a 25 percent decrease in total recipients, from 11,918 in the 1987-88 to 8,966 in 1988-89. This loss of recipients in the District of Columbia affected only private, profit-making institutions, where the number of recipients decreased 56 percent, from 6,712 in 1987-88 to 2,959 in 1988-89. The overall increase in recipients nationwide was 11 percent from 1987-88 to 1988-89. Figure 13 graphically depicts the number of Pell Grant recipients by state and control of institution.

Figure 13
Number of Pell Grant Recipients By State of Institution Attended
Award Period 1988-89


TABLE 26
DISTRIBUTION OF PELL GRANT RECIPIENTS BY STATE AND CONTROL OF INSTITUTION AWARD YEAR 1988-89

|  | PUBLIC |  | PRIVATE NON-PROFIT |  | PRIVATE PROFIT-MAKING |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECIPS | AWARDS | RECIPS | AWARDS | RECIPS | AWARDS | RECIPS | AWARDS |
| ALABAMA | 44,812 | \$55,397,855 | 7,238 | \$11,145,543 | 15,981 | \$26,281,300 | 68,031 | \$92,824,698 |
| ALASKA | 2,083 | 2,916,693 | 247 | 388,091 | 1,443 | 2,175,698 | 3,773 | 5,480,482 |
| ARIZONA | 28,355 | 36,835,985 | 1,838 | 2,880,063 | 27,934 | 36,289,288 | 58,127 | 76,005,336 |
| ARKANSAS | 24,564 | 33,293,650 | 4,105 | 6,391,087 | 9,706 | 14,787,737 | 38,375 | 54,472,474 |
| CALIFORNIA | 152,889 | 192,687,236 | 27,235 | 40,505,173 | 80,249 | 127,917,119 | 260,373 | 361,109,528 |
| Colorado | 31,600 | 44,827,265 | 1,776 | 2,534,520 | 12,952 | 18,083,538 | 46,328 | 65,445,323 |
| CONNECTICUT | 6,601 | 8,089,496 | 3,616 | 5,101,333 | 8,906 | 11,686,133 | 19,123 | 24,876,962 |
| DELAWARE | 3,298 | 3,991,866 | 596 | 777,216 | 18,093 | 19,402,625 | 21,987 | 24,171,707 |
| DISTRICT OF COLUMBIA | 785 | 877,179 | 5,222 | 7,687,369 | 2,959 | 4,384,784 | 8,966 | 12,949,332 |
| FLORIDA | 60,693 | 74,194,899 | 19,791 | 31,285,015 | 49,422 | 75,378,580 | 129,906 | 180,858,494 |
| GEORGIA | 29,764 | 37,125,132 | 10,509 | 15,192,736 | 13,835 | 19,535,632 | 54,108 | 71,853,500 |
| HAWAll | 3,396 | 4,320,592 | 1,187 | 1,871,419 | 729 | 907,454 | 5,312 | 7,099,465 |
| IDAHO | 11,316 | 16,495,595 | 3,468 | 5,218,547 | 1,060 | 1,551,396 | 15,844 | 23,265,538 |
| ILLINOIS | 81,455 | 104,156,716 | 30,445 | 42,940,162 | 24,950 | 37,977,536 | 136,850 | 185,074,414 |
| INDIANA | 42,033 | 53,761,510 | 10,915 | 14,985,083 | 10,596 | 15,362,146 | 63,544 | 84,108,739 |
| IOWA | 31,873 | 44,677,621 | 14,036 | 20,133,425 | 5,051 | 7,194,990 | 50,960 | 72,006,036 |
| KANSAS | 28,135 | 37,025,418 | 12,753 | 14,413,373 | 4,673 | 6,984,930 | 45,561 | 58,423,721 |
| KENTUCKY | 32,900 | 44,526,918 | 8,151 | 12,431,796 | 11,393 | 16,741,766 | 52,444 | 73,700,480 |
| LOUISIANA | 48,893 | 71,367,866 | 5,446 | 8,339,794 | 27,769 | 43,926,791 | 82,108 | 123,634,451 |
| MAINE | 7,597 | 10,868,945 | 1,836 | 2,577,579 | 1,059 | 1,367,980 | 10,492 | 14,814,504 |
| MARYLAND | 25,092 | 33,300,775 | 3,003 | 4,330,918 | 6,214 | 8,420,172 | 34,309 | 46,051,865 |
| MASSACHUSETTS | 25,797 | 34,865,591 | 19,564 | 27,896,350 | 4,435 | 6,217,580 | 49,796 | 68,979,521 |
| MICHIGAN | 85,624 | 108,982,010 | 25,475 | 35,500,791 | 18,488 | 29,331,160 | 129,587 | 173,813,961 |
| minNesota | 59,971 | 85,216,516 | 11,127 | 15,229,793 | 4,595 | 6,035,349 | 75,693 | 106,481,658 |
| MISSISSIPPI | 37,199 | 53,987,486 | 4,174 | 6,505,597 | 5,306 | 8,529,899 | 46,679 | 69,022,982 |
| MISSOURI | 38,829 | 51,262,054 | 14,458 | 20,512,090 | 17,779 | 27,423,005 | 71,066 | 99,197,149 |
| MONTANA | 12,554 | 18,303,556 | 1,929 | 2,845,259 | 629 | 878,858 | 15,112 | 22,027,673 |
| NEBRASKA | 20,960 | 27,031,222 | 4,511 | 6,344,084 | 2,472 | 3,405,972 | 27,943 | 36,781,278 |
| NEVADA | 3,981 | 4,704,539 | 51 | 65,202 | 5,349 | 7,630,270 | 9,381 | 12,400,011 |
| NEW HAMPSHIRE | 3,073 | 4,235,905 | 1,702 | 2,141,817 | 591 | 722,699 | 5,366 | 7,100,421 |
| NEW JERSEY | 27,340 | 39,319,040 | 6,426 | 9,660,041 | 13,612 | 18,840,189 | 47,378 | 67,819,270 |
| NEW MEXICO | 19,390 | 26,669,044 | 649 | 992,909 | 2,126 | 3,548,716 | 22,165 | 31,210,669 |
| NEW YORK | 139,126 | 197,668,968 | 78,593 | 125,695,575 | 79,723 | 105,348,701 | 297,442 | 428,713,244 |
| NORTH CAROLINA | 38,340 | 47,257,471 | 12,083 | 18,035,957 | 8,914 | 12,721,384 | 59,337 | 78,014,812 |
| NORTH DAKOTA | 13,188 | 19,920,895 | 1,927 | 3,046,404 | 730 | 1,008,636 | 15,845 | 23,975,935 |
| OHIO | 81,215 | 110,404,216 | 22,360 | 32,038,846 | 40,728 | 56,581,229 | 144,303 | 199,024,291 |
| OKLAHOMA | 38,613 | 52,273,136 | 5,643 | 8,529,521 | 11,492 | 17,242,959 | 55,748 | 78,045,616 |
| OREGON | 30,121 | 42,715,816 | 4,193 | 6,242,366 | 4,637 | 6,810,600 | 38,951 | 55,768,782 |
| PENNSYLVANIA | 69,746 | 95,531,144 | 32,469 | 45,661,453 | 30,645 | 45,406,554 | 132,860 | 186,599,151 |
| RHODE ISLAND | 4,688 | 5,987,438 | 3,604 | 4,903,742 | 1,271 | 1,766,988 | 9,563 | 12,658,168 |
| SOUTH CAROLINA | 24,362 | 29,992,473 | 7,357 | 11,341,460 | 5,837 | 8,633,484 | 37,556 | 49,967,417 |
| SOUTH DAKOTA | 11,475 | 17,100,502 | 2,410 | 3,462,122 | 2,516 | 3,781,191 | 16,401 | 24,343,815 |
| TENNESSEE | 33,734 | 44,538,006 | 13,818 | 20,801,082 | 14,150 | 21,263,938 | 61,702 | 86,603,026 |
| TEXAS | 129,330 | 155,811,269 | 17,061 | 25,138,773 | 66,100 | 101,833,989 | 212,491 | 282,784,031 |
| UTAH | 21,338 | 29,509,731 | 10,103 | 17,976,069 | 2,945 | 4,422,504 | 34,386 | 51,908,304 |
| VERMONT | 3,151 | 3,997,431 | 2,334 | 3,269,310 | 155 | 261,044 | 5,640 | 7,527,785 |
| VIRGINIA | 33,507 | 44,562,485 | 9,652 | 13,589,656 | 9,310 | 11,958,827 | 52,469 | 70,110,968 |
| WASHINGTON | 40,760 | 57,229,487 | 6,899 | 10,391,136 | 9,134 | 13,388,115 | 56,793 | 81,008,738 |
| WEST VIRGINIA | 16,504 | 22,547,024 | 3,249 | 4,681,080 | 5,194 | 7,522,634 | 24,947 | 34,750,738 |
| WISCONSIN | 55,365 | 78,222,267 | 8,802 | 12,285,107 | 2,589 | 3,822,093 | 66,756 | 94,329,467 |
| WYOMING | 6,210 | 8,352,789 | 0 | 0 | 1,402 | 2,107,451 | 7,612 | 10,460,240 |
| ALL OTHERS | 39,044 | 50,633,730 | 86,619 | 156,296,804 | 35,134 | 59,106,545 | 160,797 | 266,037,079 |

# Distribution of Pell Grant Recipients By By Recipients' State of Legal Residence and Control of Institution 

Award Period 1988-89

Table 27 presents the distribution of Pell Grant recipients by the recipient's state of legal residence and the control of the institution (public, private, non-profit, or proprietary) the recipient attended in 1988-89.

The table shows that the larger a state's population, the larger the number of Pell Grant recipients residing in that state. Eight large states plus the All Others category (most of whom reside in Puerto Rico) accounted for 52 percent of the Pell Grants recipients, with more than 100,000 recipients each. In descending order these are: New York, California, Texas, All Others, Illinois, Ohio, Michigan, Pennsylvania, and Florida. The same jurisdictions account for 46 percent of the total expenditures.

In contrast, each of the following nine states had fewer than 10,000 recipients: Alaska, Delaware, the District of Columbia, Hawaii, Nevada, New Hampshire, Rhode Istand, Vermont, and Wyoming. The students residing in these nine states represented 1.8 percent of all recipients and received 1.7 percent of the expenditures.

A comparison with the recipient data from Table 26 gives a rough indication of the ability of certain states to attract recipients from outside their boundaries. For example, over 10 percent more recipients were enrolled in institutions in each of the following states than recipients resided in them: Arizona, Arkansas, Connecticut, Delaware, the District of Columbia, Kentucky, Massachusetts, Missouri, North Carolina, Rhode Island; Tennessee, Utah, and West Virginia.

On the other hand, the comparison indicates that over 10 percent more recipients resided in each of the following nine jurisdictions than were enrolled in an institution in them: Alaska, Hawaii, Maine, Maryland, Mississippi, Montana, New Jersey, New Mexico and the All Others category. In most states, the number of recipients attending school within a state is close to the number of recipients residing in the state.

A comparison with 1987-88 data shows that only in the District of Columbia did the number of recipients decline. The District of Columbia experienced a 23 percent decline in total recipients, attributable to a 39 percent decline in students attending private, profit-making institutions in that jurisdiction.

TABLE 27
DISTRIBUTION OF PELL GRANT RECIPIENTS

## BY RECIPIENTS' STATE OF LEGAL RESIDENCE AND CONTROL OF INSTITUTION AWARD YEAR 1988-89

|  | PUBLIC |  | PRIVATE NON-PROFIT |  | PRIVATE PROFIT-MAKING |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECIPS | AWARDS | RECIPS | AWARDS | RECIPS | AWARDS | RECIPS | AWARDS |
| ALABAMA | 41,653 | \$50,975,421 | 6,044 | \$9,274,490 | 18,180 | \$27,393,327 | 65,877 | \$87,643,238 |
| ALASKA | 3,486 | 4,917,051 | 875 | 1,365,149 | 1,018 | 1,543,686 | 5,379 | 7,825,886 |
| ARIZONA | 26,207 | 33,912,776 | 3,204 | 4,880,878 | 16,089 | 23,073,027 | 45,500 | 61,866,681 |
| ARKANSAS | 22,992 | 30,995,574 | 3,917 | 6,036,109 | 7,691 | 11,108,172 | 34,600 | 48,139,855 |
| CALIFORNIA | 152,715 | 193,268,161 | 28,306 | 42,761,285 | 83,303 | 130,508,922 | 264,324 | 366,538,368 |
| Colorado | 30,839 | 43,703,042 | 3,776 | 5,403,964 | 12,887 | 18,054,550 | 47,502 | 67,161,556 |
| CONNECTICUT | 6,974 | 8,656,095 | 4,152 | 5,672,000 | 5,093 | 7,700,917 | 16,219 | 22,029,012 |
| DELAWARE | 2,765 | 3,284,696 | 727 | 948,017 | 793 | 984,050 | 4,285 | 5,216,763 |
| DISTRICT OF COLUMBIA | 1,569 | 2,044,245 | 1,352 | 2,031,335 | 2,827 | 4,146,496 | 5,748 | 8,222,076 |
| FLORIDA | 61,351 | 75,099,572 | 20,799 | 32,681,885 | 41,735 | 62,124,754 | 123,885 | 169,906,211 |
| GEORGIA | 30,294 | 38,129,976 | 9,189 | 13,245,968 | 18,476 | 27,128,685 | 57,959 | 78,504,629 |
| HAWAII | 3,545 | 4,569,931 | 1,410 | 2,148,373 | 953 | 1,209,141 | 5,908 | 7,927,445 |
| IDAHO | 11,545 | 16,780,815 | 3,233 | 5,041,828 | 1,555 | 2,214,154 | 16,333 | 24,036,797 |
| ILLINOIS | 84,665 | 109,989,074 | 32,949 | 46,917,805 | 29,661 | 45,610,428 | 147,275 | 202,517,307 |
| INDIANA | 41,064 | 52,569,375 | 9,811 | 13,516,066 | 11,317 | 15,917,271 | 62,192 | 82,002,712 |
| IOWA | 32,340 | 45,105,675 | 12,744 | 18,260,810 | 4,762 | 6,711,277 | 49,846 | 70,077,762 |
| KANSAS | 26,635 | 34,975,695 | 5,573 | 7,567,751 | 4,494 | 6,666,909 | 36,702 | 49,210,355 |
| KENTUCKY | 31,609 | 42,542,160 | 7,953 | 11,970,383 | 10,905 | 15,296,623 | 50,467 | 69,809,166 |
| LOUISIANA | 46,855 | 68,067,630 | 5,671 | 8,803,293 | 32,133 | 49,133,200 | 84,659 | 126,004,123 |
| MAINE | 7,599 | 10,849,915 | 2,750 | 3,814,894 | 1,288 | 1,629,609 | 11,637 | 16,294,418 |
| MARYLAND | 22,008 | 29,036,930 | 4,806 | 6,839,924 | 12,090 | 17,053,386 | 38,904 | 52,930,240 |
| MASSACHUSETTS | 25,964 | 35,017,266 | 14,609 | 20,802,861 | 4,059 | 5,628,485 | 44,632 | 61,448,612 |
| MICHIGAN | 86,656 | 110,861,053 | 28,679 | 39,887,489 | 22,693 | 35,096,994 | 138,028 | 185,845,536 |
| minNesota | 58,988 | 83,806,069 | 10,234 | 14,000,922 | 4,852 | 6,471,403 | 74,074 | 104,278,394 |
| MISSISSIPPI | 35,928 | 52,019,517 | 4,555 | 7,077,717 | 11,972 | 18,110,499 | 52,455 | 77,207,733 |
| MISSOURI | 38,690 | 51,013,449 | 11,922 | 16,705,861 | 13,778 | 20,867,800 | 64,390 | 88,587,110 |
| MONTANA | 12,914 | 18,765,088 | 2,856 | 4,227,585 | 1,238 | 1,711,071 | 17,008 | 24,703,744 |
| NEBRASKA | 20,987 | 27,147,874 | 4,223 | 5,946,097 | 2,770 | 3,827,565 | 27,980 | 36,921,536 |
| NEVADA | 3,950 | 4,685,149 | 542 | 823,509 | 5,309 | 7,526,213 | 9,801 | 13,034,871 |
| NEW HAMPSHIRE | 2,722 | 3,762,197 | 1,636 | 2,072,604 | 549 | 660,408 | 4,907 | 6,495,209 |
| NEW JERSEY | 29,513 | 42,179,099 | 11,539 | 16,703,464 | 15,491 | 20,415,799 | 56,543 | 79,298,362 |
| NEW MEXICO | 19,195 | 26,478,818 | 1,372 | 1,967,087 | 4,848 | 7,321,485 | 25,415 | 35,767,390 |
| NEW YORK | 141,977 | 201,731,782 | 79,697 | 127,105,881 | 71,691 | 97,321,717 | 293,365 | 426,159,380 |
| NORTH CAROLINA | 36,238 | 44,416,534 | 9,334 | 13,837,946 | 8,423 | 11,609,550 | 53,995 | 69,864,030 |
| NORTH DAKOTA | 12,213 | 18,427,315 | 1,699 | 2,647,885 | 803 | 1,127,649 | 14,715 | 22,202,849 |
| OHIO | 81,013 | 110,096,814 | 23,536 | 33,448,131 | 40,956 | 56,501,476 | 145,505 | 200,046,421 |
| OKLAHOMA | 37,739 | 50,883,340 | 4,868 | 7,142,443 | 12,571 | 18,870,740 | 55,178 | 76,896,523 |
| OREGON | 28,851 | 40,807,461 | 4,996 | 7,336,167 | 5,349 | 7,731,088 | 39,196 | 55,874,716 |
| PENNSYLVANIA | 70,978 | 96,921,990 | 32,897 | 46,308,468 | 28,197 | 39,205,578 | 132,072 | 182,436,036 |
| RHODE ISLAND | 4,595 | 5,861,648 | 2,281 | 3,042,295 | 1,188 | 1,628,804 | 8,064 | 10,532,747 |
| SOUTH CAROLINA | 23,587 | 29,187,461 | 7,957 | 12,259,858 | 7,849 | 11,457,860 | 39,393 | 52,905,179 |
| SOUTH DAKOTA | 11,692 | 17,403,525 | 2,562 | 3,656,660 | 1,364 | 1,963,036 | 15,618 | 23,023,221 |
| TENNESSEE | 32,574 | 42,647,804 | 9,786 | 14,519,447 | 12,498 | 17,469,119 | 54,858 | 74,636,370 |
| TEXAS | 127,279 | 153,274,789 | 21,714 | 29,850,187 | 71,489 | 108,987,002 | 220,482 | 292,111,978 |
| UTAH | 20,240 | 27,960,126 | 6,181 | 10,893,082 | 3,545 | 5,192,161 | 29,966 | 44,045,369 |
| VERMONT | 3,134 | 3,975,802 | 2,133 | 3,004,416 | 229 | 313,689 | 5,496 | 7,293,907 |
| VIRGINIA | 31,407 | 41,567,844 | 7,078 | 10,218,265 | 10,428 | 13,553,333 | 48,913 | 65,339,442 |
| WASHINGTON | 40,601 | 57,001,522 | 7,592 | 11,440,747 | 9,845 | 14,242,703 | 58,038 | 82,684,972 |
| WEST VIRGINIA | 14,735 | 19,873,594 | 3,204 | 4,588,080 | 4,109 | 5,800,828 | 22,048 | 30,262,502 |
| WISCONSIN | 54,426 | 76,834,631 | 9,793 | 13,704,684 | 3,355 | 4,792,080 | 67,574 | 95,331,395 |
| WYOMING | 6,189 | 8,341,540 | 527 | 805,486 | 812 | 1,147,691 | 7,528 | 10,294,717 |
| ALL OTHERS | 58,984 | 77,147,543 | 93,412 | 167,003,107 | 43,452 | 72,147,748 | 195,848 | 316,298,398 |

## GLOSSARY OF TERMS

## Glossary

AFSA: Application for Federal Student Aid. The Department of Education form that may be used to apply for a Pell Grant as well as other forms of Federal aid.

Average Grant: The sum of all grant awards divided by the number of Pell Grant recipients.
Award Period: The period of time from July 1 of one year to June 30 of the next year. The award period covered in this 1988-89 End-of-Year Report is July 1, 1988 to June 30, 1989.

C\%: Column Percent. The number of responses in each cell within a column as a percentage of the total number of responses in the column.

Control of Institution: Refers to whether an educational institution is public; private, non-profit; or private, profit-making.

Dislocated Worker: A parent of a dependent student, or a student or spouse, who was terminated or laid-off or, if self-employed, was unemployed because of poor economic conditions or a natural disaster. This status must be certified by the appropriate State agency. It allows the use of expected 1988 income rather than 1987 income in the eligibility calculation and excludes home assets from the calculation.

Displaced Homemaker: A parent of a dependent student, or a student or spouse, who: 1) was not in the labor force for 5 or more years and was serving as a homemaker during that period; 2) was dependent on public assistance or previously dependent or support on public assistance or the income of another family member, but is no longer receiving that support; and 3) is unemployed or underemployed and having difficulty obtaining or upgrading employment. This status permits the exclusion of home assets from the eligibility calculation.

Educational Cost: The cost of attending an institution offering postsecondary education coursework for a full academic year. In 1988-89, the basic factors allowed in determining educational costs for calculating the Pell Grant were tuition and fees and allowances for living expenses and miscellaneous expenses such as books and supplies and transportation. The Higher Education Act Amendments of 1986 established a new, more liberalized, cost of attendance provision effective with the 1988-89 award year. Now the financial aid administrator can consider additional cost factors, such as allowances for child care or services/equipment for a handicapped student, when calculating the Pell Grant award.

Expenditures: Funds awarded to Pell Grant recipients for an award period.
Family Income: One of the primary factors considered in determining eligibility for a Pell Grant. In this report, family income is considered to be the sum of a family's adjusted gross income (or earned income for non-tax filers), non-taxable income (including non-educational Social Security benefits, AFDC, and child support), and one-half of any GI Bill benefits or Dependents Education Assistance Program (DEAP) benefits received by the student.

Independent Recipient: An individual receiving a Pell Grant who is not dependent on his or her parent for financial support. To be considered independent during the 1988-89 award year, the student ...

- Must be at least 24 years of age, or
- Must be a veteran of active service in the U.S. Armed Forces, or
- Must be an orphan or ward of the court, or
- Have legal dependents, or
- Must be a graduate, professional or married student who declares that he or she will not be claimed as a dependent by his or her parents, or
- Must be a single undergraduate with no dependents, an annual income of $\$ 4,000$ or more and is not claimed as a dependent by his or her parents, or if
- The FAA makes a documented determination of independence by reason of unusual circumstances.

Institutional Discretion: Statutory provision giving the financial aid administrator discretionary authority to change the results of the eligibility calculation, the calculation itself, the parent's or student's family or financial information, or the cost of attendance for students with special circumstances. This replaced the Special Condition Provision in effect in prior years.

MDE: Multiple Data Entry. Process by which an individual in 1988-89 could apply for a Pell Grant or other kinds of student aid using any one of the following four different application forms in addition to the U.S. Department of Education's Application for Federal Student Aid:

- The College Scholarship Service's Financial Aid Form
- The American College Testing Program's Family Financial Statement
- The Pennsylvania Higher Educational Assistance Agency Application for State Grant and Pell Grant
- The llinois State Scholarship Commission's Application for Federal and State Student Aid

MISAA: Middle Income Student Assistance Act. Law passed by Congress in 1978 which expanded eligibility for Pell Grants.

N: Number. The number of applicants, recipients, or other values found in each table cell.
Net Asset Level: Estimated monetary value of an applicant's (or applicant's family if the applicant is a dependent) assets, minus the applicant's liabilities. Factors considered in estimating net asset level include the value of the applicant's home, investments, business, farm, cash and savings, and all debts against those assets.

Non-Qualified Applicant: Individual who has submitted an official application for a Pell Grant but has been determined ineligible to receive a grant because of insufficient financial need. A non-qualified applicant in 1988-89 had an SAI greater than 2,000.

Pell: Pell Grant. One of the six major financial aid programs offered by the Office of Student Financial Assistance to assist individuals in furthering their postsecondary education.

Qualified Applicant: Individual who has submitted an official application for a Pell Grant and has been determined eligible to receive a grant because of sufficient financial need. An eligible applicant in 1988-89 had an SAl of 2,000 or less.
$\mathbf{R \%}$ : Row Percent. The number of responses in each cell within a row as a percentage of the total number of responses in the row.

SAI: Student Aid Index. Number given to the applicant, based upon the applicant's financial strength as indicated by factors such as family income, net assets, and household size, which is combined with the applicant's educational cost and enrollment status (full, three-quarter, or half-time) to determine the applicant's grant level. For a given educational cost and enrollment status, a lower SAl results in a higher grant level.

SAR: Student Aid Report. A report provided to an applicant showing the applicant's SAI. The applicant must submit an SAR to the institution he or she plans to attend in order to receive an award.

## Simplified Needs Test: Eligibility calculation based on a reduced set of family and

 financial indicators, comprised of : family size, the number of family members enrolled in college at least half-time, adjusted gross income (or earnings, in the case of non-tax filers), Federal income taxes paid, and untaxed income and benefits. To qualify for the Simplified Needs Test (SNT) a student (or student and parents, for a dependent) must have filed a IRS Form 1040A or 1040EZ (not a 1040) or be a non-tax filer, and must have a combined Adjusted Gross income (or earnings) of $\$ 15,000$ or less.Type of Institution: Institutions are classified in the following manner:

- Five Year or More - schools offering programs of at least 5 years in duration.
- Eour Year No Graduate - schools offering programs leading to an graduate degree only.
- Three to Four Year - schools requiring at least 3 but less than 4 years of course work, and awarding a degree or a certificate of proficiency.
- Iwo to Three Year-schools requiring at least 2 but less than 3 years of course work, and awarding a degree or a certificate of proficiency. (Often these are community colleges).
- One Year But Less Than Two Years - schools requiring course work of at least 1 but less than 2 years, and awarding degrees or certificates of proficiency.
- Six months But Less Than One Year - schools requiring course work of at least 6 months but less than 1 year, and awarding degrees or certificates of proficiency. (Often these schools are technical or secretarial schools).

The above classifications are also known as "institutional type."
Unofficial Application: Any Pell Grant application form or MDE record received by the central processor subsequent to processing the first application.

Valid Application: An application with sufficient data to calculate an SAI.
Verification: The process by which Pell applicants are selected and required to present to the institution's financial aid administrator those forms (such as a Federal income tax return and W-2 statements) which confirm the accuracy of the information they reported on their applications.


[^0]:    ${ }^{1}$ Next largest in terms of Federal expenditures are the Guaranteed Student Loan (now Stafford Loan) programs. The other programs providing student financial assistance in order of decreasing size are as follows: College WorkStudy; Supplemental Education Opportunity Grant; National Direct Student Loan (now Perkins Loan); and State Student Incentive Grant.

