## 1987-88

# Federal Pell Grant Program 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 $\$ 2,100$ in the 1987-88 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 1987-88 alone, more than 2.8 million students received $\$ 3.75$ 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 must meet certain residency requirements, be enrolled at least halftime in an eligible program at a school participating in the Pell program and be determined to have sufficient financial need. Financial need is calculated using a formula developed by the Department of Education and approved by Congress. (Beginning in 1988-89, that formula is specified by law.)

[^0]This formula, applied consistently to all applicants, takes into account such indicators of financial strength as income, assets, and family size, and produces a Student Aid Index (SAI). The SAI is combined with the cost of the student's education and the student's enrollment status (full or part-time) to determine the amount of the Pell Grant.

Generally, the amount of the grant increases as the SAI 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 $\$ 2,100$ in 1987-88. 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, with accompanying explanation, which 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 1987-88 End-of-Year Report is organized into six chapters.

Chapter 1 highlights the most significant program activities during the 1987-88 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, explains summary information on applicants reporting veteran's educational benefits, and contains a table on enrollment status by type and control of institution.

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 schools 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 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 1987-88 End-of Year Report, except Table 13, were derived from a merged universe file containing applicant and recipient data current through spring, 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 expenditure and grant level information found in the tables closely reflects actual expenditures in the Pell Grant program for 1987-88. However, "freezing" Pell Grant data in spring, 1989, and using only information on the file through that time means that some information was not collected 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 December 15, 1988 and thus reflects actual end-of-year 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 1987-88 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 1987-88

## Highlights of the Pell Grant Program

This chapter describes key 1987-88 Pell Grant statistics, with emphasis on changes in program activity since $1986-87$. These changes are summarized in Exhibit 1. The chapter concludes with a discussion of Table 1, which compares applicant, recipient, and expenditure data from 1973-74, the first year of the program, through 1987-88.

## Applicant Summary

During the 1987-88 award year, 6,297,598 individuals, or about one out of every two undergraduate students, applied for a Pell Grant. ${ }^{2}$ This represented more than a 4 percent increase over the number who had submitted a form in 1986-87, showing an 11 percent combined increase over the last two years, the largest two year increase since 1980-81. This rise may still be the continuing effects of the 1986 Changes in the Guaranteed Student Loan (GSL) Program, now known as the Stafford Loan Program, which as a result of the Consolidated Omnibus Reconciliation Act of 1985, required all applicants for a GSL after July 6, 1986 to receive determination for Pell Grant eligibility before receiving the first proceeds of the loan. Apparently, many GSL applicants who had not done so in the past, are continuing to apply for a Pell Grant in $1987-$ 88.

Of the students who applied for a Pell Grant in 1987-88, 60.5 percent were eligible because

[^1]they showed sufficient financial need and 30.1 percent did not qualify. The status of the remaining 9 percent could not be determined because they provided insufficient information on the application and did not complete application processing. A comparison with 1986-87 data shows a decrease in the number of applicants not qualifying for a Pell Grant. This may be because no funding shortfall occurred in the Pell Grant program in 1987-88.

Beginning with the 1987-88 award year, Congress prescribed new criteria for the determination of the financial independency of applicants for the Pell Grant Program (see Glossary).

## Becipient Summary

Both the number of students applying for a grant and the number of award recipients increased in 1987-88. In 1986-87, 2.66 million students benefited from the program; in 1987-88, the number increased to 2.88 million. These numbers are reflected in the change in the "drop out rate"--the percent of qualified applicants not receiving a grant. In 1986-87, 29.4 percent of qualified applicants never received an award; in 1987-88, the rate had decreased to 24.4 percent.

The likely reason for the 1987-88 decrease in the number of qualified applicants not receiving an award may be that, unlike 1986-87, no funding shortfall occurred in the Pell Grant program. In 1987:88 all students with an "eligible" SAI could receive a grant. In 198788 applicants with SAls up to 1900 could be recipients of a Pell Grant.

## Exhibit 1

## A Summary of Selected Changes in the Pell Grant Program: 1986-87 to 1987-88

1. $4 \%$ increase in applicants, from 6 million to 6.3 million
2. Increase in the percentage of applicants not qualifying for a grant, from 29.2\% to $30.1 \%$
3. Decrease in the percentage of qualified applicants not receiving a grant, from 29.4\% to 24.4 \%
4. $8 \%$ increase in recipients, from 2.66 million to 2.88 million
5. $4.8 \%$ increase in the average educational cost of recipients, from $\$ 4,273$ to \$4,480
6. A continued increase in the average Pell Grant, from $\$ 1,301$ to $\$ 1,303$
7. $8.5 \%$ increase in total program expenditures, from $\$ 3.46$ billion to $\$ 3.75$ billion
8. Increase in the percentage of recipients claiming to be independent of parental support, from $53.9 \%$ to $57.5 \%$
9. $8 \%$ increase in the average family income of recipients, from $\$ 8,531$ to \$9,236
10. Less than $1 \%$ increase in the number of postsecondary institutions participating in the program, from 6,907 to 6,952
11. . $22 \%$ increase in recipients enrolled at profit-making institutions, from 632,797 to 773,253
12. $30 \%$ decrease in the number of applicants selected for institutional verification, from 2.45 million to 1.70 million
13. The Alternate Disbursement System (ADS) was eliminated for the 1987-88 award year

## Expenditure Summary

The average size of individual awards increased from $\$ 1,301$ in 1986-87 to $\$ 1,303$ in 198788. Rising educational costs is one explanation for the change. In 1986-87, the average cost to determine the Pell Grant was $\$ 4,273 ; 62$ percent had costs greater than $\$ 3,300 ; 12$ percent had costs less than $\$ 2,400$. In 198788 , the average cost had increased by 4.8 percent to $\$ 4,480 ; 66$ percent of recipients had costs greater than $\$ 3,300$; 10 percent had costs below $\$ 2,400$.

Increase in both average grant and student participation translated into a rise in total program expenditures, from 3.46 billion to 3.75 billion.

## Student Characteristics

Less than half ( 42.5 percent) of the Pell Grant recipients in 1987-88 were dependent on their families as their primary source of income. A comparison with 1986-87 data indicates a slightly older recipient population in 1987-88. For example, in 1986-87, 18 percent of all Pell Grant awards went to students over 30 years old; in 1987-88, the proportion had increased to 19 percent.

The data shows that Pell Grants are directed toward low income students (see Figure 1). Over 99 percent of all applicants who reported receiving an income of $\$ 7,500$ or less qualified for a Pell Grant; 80 percent with incomes from $\$ 7,500$ to $\$ 15,000$ qualified; and 32 percent with incomes above $\$ 15,000$ qualified.

As a result, most in the pool of qualified Pell Grant applicants were in the low income ranges. Over one half ( 56 percent) of all who qualified reported family incomes of $\$ 7,500$ or less while one fifth (20 percent) had incomes over
$\$ 15,000$. Independent applicants were more numerous in the lower income ranges, while dependents, who report parental income, predominated in the higher ranges.

Figure 1
Distribution of Qualified Pell Grant
Applicants
By Famlly Income
Award Period 1987-88


Family Income

An examination of the income distribution of eligible applicants who actually received a grant reveals virtually identical results (see Figure 2). Fewer higher income applicants in 1987 88 received grants. In 1987-88, the average family income of Pell Grant recipients was $\$ 9,236$; in 1986-87, the average was $\$ 8,571$. In 1987-88, 21 percent of recipients had incomes over $\$ 15,000$; in 1986-87, 18 percent had an income in this range.

In addition to receiving little income, most 1987-88 recipients reported having few available assets. Three out of four ( 77 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 nine ( 11 percent), almost all of whom were dependent, showed assets exceeding $\$ 25,000$.

Figure 2
Distribution of Pell Grant Recipients By Level of Family Income
Award Period 1987-88


Figure 3
Pell Grant Recipients By Type of Institution Attended
Award Period 1987-88


## Institutional Characteristics

In 1987-88, 6,952 institutions offering postsecondary degrees and certificates participated in the Pell Grant program. Schools offering programs 2 to 3 years in length--most of which are community and junior colleges--comprised 30 percent of the total (see Figure 11 on page 80 ). Schools offering programs less than one year in length-many of which are profitmaking technical and trade schools--were the next most numerous category, comprising 22
percent of all participating institutions. Institutions with programs from 1 to 2 years represented 20 percent of the total; 4 year schools offering baccalaureate degrees were 14 percent of the total; and schools with programs 5 years or more in length--many of which are large state universities--comprised 12 percent.

Figure 4
Pell Grant Applicants/Recipients By Multiple Data Entry Source
Award Period 1987-88


The enrollment of Pell Grant recipients varied considerably by type of school (see Figure 3). Although they were relatively few in number, institutions offering programs 5 years or more in duration attracted the most recipients ( 34 percent), followed in order by 2 to 3 year schools ( 32 percent), 4 year schools ( 14 percent), less than 1 year schools ( 10 percent), and 1 to 2 year schools ( 9 percent).

## Application Source

Students could apply for a 1987-88 Pell Grant using one of five forms (see Figure 4). About 40
percent used the application form supplied by the College Scholarship Commission (CSS); 36 percent completed the Federal (Pell) form; 18 percent chose the American College Testing (ACT) form; 4 percent applied through the Pennsylvania Higher Education Assistance Agency (PHEAA) and the remaining 2 percent applied through the Illinois State Scholarship Commission (ISSC), which became an MDE participant for the first time in 1987-88.

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. Nearly four of every five Federal form filers (81 percent) qualified for a grant. By comparison, 67 percent of the ISSC filers, 56 percent of ACT filers, 46 percent of PHEAA filers, and 46 percent of CSS filers qualified for a grant based on financial need.

## Verification

The passage of the Higher Education Amendments of 1986 established a limit of 30 percent of
applicants the Department could select for verification, beginning with the 1987-88 award year.

As a result, the number of applications selected by the Department of Education for institutional verification decreased by 30 percent in 198788 . In 1986-87, 2,452,150 eligible applicants were required to provide verifying documentation to their financial aid office before receiving a Pell Grant; in 1987-88, the number fell to $1,698,146$ applicants.

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

Award Period 1987-88

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 1987-88.

## 1973-74 through 1979-80

As the first page of Table 1 shows, the Pell Grant program grew rapidly following its initial year, both in terms of student participation and Federal expenditure. As the population eligible for aid expanded from freshman only in 197475 to all undergraduates attending Pell participating schools at least half-time in 1976-77, 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 1986-87

The second page of Table 1 shows that during the first 6 years of the decade the program experienced a relatively slow, but steady, year-toyear expansion in terms of applicants, recipients, and commitment of funds.

Students submitting an official Pell Grant application increased from 4.8 million in $1980-$ 81 to 6.0 million in 1986-87, with the largest 1 year percentage increase ( 6.6 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 back to 2.7 million by 1986-87.

Although the increase in the number of postsecondary students benefiting from the program was not great during this 6 year period, the average size of individual grants grew substantially. In 1980-81, the average was $\$ 882$; by 198687, the figure had risen by 47.5 percent to $\$ 1,301$. 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 form 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 $\$ 3.5$ billion in 1986-87, a 45 percent increase over the 1980-81 figure.

Table 1 shows that other program statistics remained relatively constant during this 6 year period. The percentage of applications ending the year in a rejected status 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 198687 had the least chance, with 62.5 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 applicants who actually received aid varied form a low of 70.5 in 198687 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 increased greatly during the first 6 years of the 1980s, as concern for the accuracy of application data grew. 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.

## 1987-88

The number of student filing an official application for a Pell Grant continued to rise in 198788 , to nearly 6.3 million. This 4.5 percent rise may be due to the continuing after effects of the change in legislation implemented during 1986 87, which required applicants for a Guaranteed Student Loan to receive determination of eligibility for a Pell Grant. Thus the portion of applicants qualifying for a Pell Grant dropped to 60.5 percent. Still the number of recipients rose by 222,040 to 2.88 million, (probably due in part to the fully funded program).

Although more students benefited from the program in 1987-88, the average size of individual grants remained virtually identical, increasing from $\$ 1,301$ to $\$ 1,303$. In spite of the virtually unchanged amount in grant size, overall program expenditures rose by 8.5 percent to $\$ 3.75$ billion because of the increase in recipients.

Table 1 also shows a sharp decline in verification selection. More than 750,000 fewer applicants in 1987-88 were required to supply verifying documentation before receiving a grant. This is a result of amendments in the Higher Education Amendments of 1986, which limited the selection of applicants to 30 percent beginning in 1987-88.

## 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 |

## Pell Grant Program

Summary of statistics for Cross-Year Reference

|  | AWARD PERIOD |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1981-82 | 1982-83 | 1983-84 | 1984-85 | 1985-86 | 1986-87 | 1987-88 |
| 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 |
| 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 |
| 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 |
| QUALIFIED APPLICANTS | 68.71 | 65.28 | 64.93 | 64.53 | 65.95 | 62.53 | 60.54 |
| 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 |
| APPLICANTS | 24.59 | 26.72 | 25.94 | 25.81 | 26.56 | 29.30 | 30.19 |
| NUMBER AND PERCENT OF APPLICATOINS RETURNED | 331,170 | 409,333 | 497,773 | 532,672 | 421,639 | 492,569 | 583,404 |
| AND NEVER RE-SUBMITTED FOR PROCESSING | 6.70 | 8.00 | 9.13 | 9.66 | 7.49 | 8.17 | 9.26 |
| NUMBER OF APPLICANTS SUBMITTING UNOFFICIAL APPLICATIONS | 266,197 | 296,146 | 284,945 | 299,485 | 287,661 | 321,489 | 320,193 |
| CLASSES OF ELIGIBLE APPLICANTS | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates |
| NUMBER OF ELIGIBLE <br> APPLICANTS SELECTED FOR VALIDAITON | 313,791 | 1,660,021 | 1,047,792 | 1,046,080 | 2,079,093 | 2,452,150 | 1,698,146 |
| NUMBER OF RECIPIENTS | 2,709,076 | 2,522,746 | 2,758,906 | 2,747,100 | 2,813,489 | 2,659,507 | 2,881,547 |
| 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 |
| AVERAGE AWARD | \$849 | \$959 | \$1,014 | \$1,111 | \$1,279 | \$1,301 | \$1,303 |
| MINIMUM AWARD | \$120 | \$50 | \$200 | \$200 | \$200 | \$100 | \$200 |
| MAXIMUM AWARD | \$1,670 | \$1,800 | \$1,800 | \$1,900 | \$2,100 | \$2,100 | \$2,100 |

## CHAPTER 2

## SELECTED CHARACTERISTICS OF PELL GRANT RECIPIENTS

Award Period 1987-88

# Table 2 <br> Distribution of Pell Grant Recipients By Student Aid Index and Family Income 

Award Period 1987-88

2A - Total
2B - Dependent
2C - Independent

Table 2A shows the distribution of Pell Grant recipients by Student Aid Index (SAI) and family income. Tables $2 B$ and $2 C$ 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 parent's (if the student is dependent on the parent for financial support) or student's (if the student is not dependent) 1986 taxable and nontaxable income, including one half of the amount of certain Veteran's benefits the student may have received.

As Table 1 indicated, 2.88 million students received a Pell Grant during 1987-88. A comparison of Tables 2B and 2C shows that most-57.5 percent--of these students claimed to be independent of their parent's support. The data has shown a steady rise in the portion of recipients reporting independent status. In 198182, 41.9 percent were independent; in 1982 83, 45.9 percent; in 1983-84, 47.6 percent; in 1984-85, 48.6 percent; in 1985-86, 50.4 percent; and in 1986-87, 53.9 percent. The reader should note that 1987.88 was the first year when the students 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 6 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. Nearly one-half ( 45 percent) reported a family income $\$ 6,000$ or less. Less than one in four ( 21 percent) had an income greater than $\$ 15,000$. Independent students, because they are reporting their often limited 1986 income, predominated in the lower income ranges. In fact, nearly two out of three ( 62 percent) 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, of all dependents 42 percent had a family income greater than $\$ 15,000$; only 5.9 percent of independents were in this income range.

A comparison with $1986-87$ data shows an increase in average family income. In 198687, the average overall income (dependents and independents) was $\$ 8,531$, with 47 percent below $\$ 6,000$ and 18 percent above $\$ 15,000$. In 1987-88, the overall average increased to $\$ 9,236$, with 45 percent below $\$ 6,000$ and 21 percent above $\$ 15,000$.

Table 2 also presents the distribution of SAls received by 1987-88 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 enrollment status, a lower SAI
results in a higher grant. In 1987-88, 1,900 was the largest SAI with which a student could qualify for a Pell Grant.

Table 2A shows that the majority of students-57 percent--receive a zero SAl and are therefore eligible for the maximum grant within their cost and enrollment status category. This represents a decrease over 1986-87 data when 60 percent of recipients had zero SAls. Tables $2 B$ and $2 C$ indicate that independents are much more likely than dependents to receive a low SAl. Almost three-fourths ( 73.5 percent) of independents received a zero SAI compared to nearly two of every five ( 35 percent) dependents (see Figure 5 below). Independents rarely receive a large SAl, with only 10 percent in 1987-88 having an SAl greater than 1,000. By comparison, 23 percent of dependents were in this SAl range.

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) determine the SAI. Table 2 A clearly shows that the lower the family income the greater the potential for a low SAI (and eventually a large grant). Approximately 93 percent of students reporting family incomes of $\$ 6,000$ or less received zero SAls. (The 7 percent in this income group who did not most likely reported having substantial assets.) Only 1.8 percent of the over $\$ 15,000$ income group received the minimum SAI. (These recipients most likely reported large expenses, a large family, and/or multiple members of that family attending college.)

Figure 5
Distribution of Pell Grant Recipients By SAI Level


## DISTRIBUTION OF PELL GRANT RECIPIENTS

 BY STUDENT AID INDEX AND FAMILY INCOMEAWARD YEAR 1987-88

| 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 | 221,279 | 335,917 | 632,491 | 288,313 | 151,156 | 9,941 | 1,165 | 102 | 1,640,364 |
| R\% | 13.49 | 20.48 | 38.56 | 17.58 | 9.21 | 0.61 | 0.07 | 0.01 | 100.00 |
| C\% | 94.30 | 97.17 | 89.73 | 63.13 | 28.60 | 3.30 | 0.43 | 0.24 | 56.93 |
| 1-200 | 9,173 | 6,973 | 35,658 | 51,754 | 90,785 | 17,786 | 2,572 | 42 | 214,743 |
| R\% | 4.27 | 3.25 | 16.60 | 24.10 | 42.28 | 8.28 | 1.20 | 0.02 | 100.00 |
| C\% | 3.91 | 2.02 | 5.06 | 11.33 | 17.18 | 5.91 | 0.96 | 0.10 | 7.45 |
| 201-400 | 1,963 | 1,248 | 20,347 | 12,548 | 84,024 | 31,940 | 7,848 | 153 | 160,071 |
| R\% | 1.23 | 0.78 | 12.71 | 7.84 | 52.49 | 19.95 | 4.90 | 0.10 | 100.00 |
| C\% | 0.84 | 0.36 | 2.89 | 2.75 | 15.90 | 10.61 | 2.93 | 0.36 | 5.56 |
| 401-600 | 742 | 502 | 9,459 | 14,445 | 65,778 | 40,122 | 16,635 | 512 | 148,195 |
| R\% | 0.50 | 0.34 | 6.38 | 9.75 | 44.39 | 27.07 | 11.23 | 0.35 | 100.00 |
| C\% | 0.32 | 0.15 | 1.34 | 3.16 | 12.45 | 13.33 | 6.20 | 1.22 | 5.14 |
| 601-800 | 528 | 334 | 2,812 | 16,561 | 45,699 | 45,554 | 26,695 | 1,336 | 139,519 |
| R\% | 0.38 | 0.24 | 2.02 | 11.87 | 32.75 | 32.65 | 19.13 | 0.96 | 100.00 |
| C\% | 0.23 | 0.10 | 0.40 | 3.63 | 8.65 | 15.13 | 9.96 | 3.19 | 4.84 |
| 801-1,000 | 368 | 257 | 1,460 | 16,383 | 32,594 | 42,466 | 33,735 | 2,798 | 130,061 |
| R\% | 0.28 | 0.20 | 1.12 | 12.60 | 25.06 | 32.65 | 25.94 | 2.15 | 100.00 |
| C\% | 0.16 | 0.07 | 0.21 | 3.59 | 6.17 | 14.11 | 12.58 | 6.67 | 4.51 |
| 1,001-1,200 | 165 | 141 | 955 | 15,330 | 24,000 | 36,332 | 41,172 | 4,524 | 122,619 |
| R\% | 0.13 | 0.11 | 0.78 | 12.50 | 19.57 | 29.63 | 33.58 | 3.69 | 100.00 |
| C\% | 0.07 | 0.04 | 0.14 | 3.36 | 4.54 | 12.07 | 15.36 | 10.79 | 4.26 |
| 1,201-1,400 | 199 | 127 | 742 | 13,850 | 16,736 | 26,315 | 42,114 | 6,499 | 106,582 |
| R\% | 0.19 | 0.12 | 0.70 | 12.99 | 15.70 | 24.69 | 39.51 | 6.10 | 100.00 |
| C\% | 0.08 | 0.04 | 0.11 | 3.03 | 3.17 | 8.74 | 15.71 | 15.50 | 3.70 |
| 1,401-1,600 | 92 | 89 | 463 | 12,433 | 10,239 | 23,533 | 41,180 | 8,872 | 96,901 |
| R\% | 0.09 | 0.09 | 0.48 | 12.83 | 10.57 | 24.29 | 42.50 | 9.16 | 100.00 |
| C\% | 0.04 | 0.03 | 0.07 | 2.72 | 1.94 | 7.82 | 15.36 | 21.16 | 3.36 |
| 1,601-1,900 | 134 | 124 | 533 | 15,093 | 7,473 | 27,027 | 55,007 | 17,099 | 122,490 |
| R\% | 0.11 | 0.10 | 0.44 | 12.32 | 6.10 | 22.06 | 44.91 | 13.96 | 100.00 |
| C\% | 0.06 | 0.04 | 0.08 | 3.30 | 1.41 | 8.98 | 20.52 | 40.77 | 4.25 |
| TOTAL | 234,643 | 345,712 | 704,920 | 456,710 | 528,484 | 301,016 | 268,123 | 41,937 | 2,881,545 |
| R\% | 8.14 | 12.00 | 24.46 | 15.85 | 18.34 | 10.45 | 9.30 | 1.46 | 100.00 |
| C\% | 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 INCOMEAWARD YEAR 1987-88

| 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 | 28,807 | 51,668 | 135,875 | 116,503 | 88,498 | 7,812 | 981 | 84 | 430,228 |
| R\% | 6.70 | 12.01 | 31.58 | 27.08 | 20.57 | 1.82 | 0.23 | 0.02 | 100.00 |
| C\% | 68.74 | 84.88 | 85.23 | 72.79 | 30.60 | 3.58 | 0.39 | 0.20 | 35.14 |
| 1-200  <br>  $\mathrm{R} \%$ <br>  $\mathrm{C} \%$ <br>   | 9,140 | 6,885 | 17,540 | 29,872 | 67,590 | 16,348 | 2,468 | 42 | 149,885 |
|  | 6.10 | 4.59 | 11.70 | 19.93 | 45.09 | 10.91 | 1.65 | 0.03 | 100.00 |
|  | 21.81 | 11.31 | 11.00 | 18.66 | 23.37 | 7.50 | 0.98 | 0.10 | 12.24 |
| 201-400  <br>  $\mathrm{R} \%$ <br>  $\mathrm{C} \%$ | 1,933 | 1,155 | 2,766 | 5,138 | 51,432 | 29,105 | 7,684 | 152 | 99,365 |
|  | 1.95 | 1.16 | 2.78 | 5.17 | 51.76 | 29.29 | 7.73 | 0.15 | 100.00 |
|  | 4.61 | 1.90 | 1.74 | 3.21 | 17.79 | 13.35 | 3.04 | 0.37 | 8.12 |
| 401-600 $\begin{array}{ll} \\ & \mathrm{R} \% \\ & \mathrm{C} \% \\ \end{array}$ | 698 | 412 | 1,030 | 2,336 | 33,821 | 35,801 | 16,382 | 510 | 90,990 |
|  | 0.77 | 0.45 | 1.13 | 2.57 | 37.17 | 39.35 | 18.00 | 0.56 | 100.00 |
|  | 1.67 | 0.68 | 0.65 | 1.46 | 11.70 | 16.42 | 6.47 | 1.23 | 7.43 |
| 601-800 $\begin{array}{cc} \\ & \mathrm{R} \% \\ & \mathrm{C} \% \\ \end{array}$ | 487 | 266 | 741 | 1,685 | 16,576 | 39,172 | 26,144 | 1,331 | 86,402 |
|  | 0.56 | 0.31 | 0.86 | 1.95 | 19.18 | 45.34 | 30.26 | 1.54 | 100.00 |
|  | 1.16 | 0.44 | 0.46 | 1.05 | 5.73 | 17.96 | 10.33 | 3.20 | 7.06 |
| 801-1,000 | 352 | 190 | 499 | 1,365 | 8,967 | 34,082 | 32,799 | 2,790 | 81,044 |
| R\%C\% | 0.43 | 0.23 | 0.62 | 1.68 | 11.06 | 42.05 | 40.47 | 3.44 | 100.00 |
|  | 0.84 | 0.31 | 0.31 | 0.85 | 3.10 | 15.63 | 12.96 | 6.70 | 6.62 |
| 1,001 - 1,200 | 146 | 85 | 320 | 979 | 6,845 | 24,709 | 39,643 | 4,505 | 77,232 |
|  | 0.19 | 0.11 | 0.41 | 1.27 | 8.86 | 31.99 | 51.33 | 5.83 | 100.00 |
|  | 0.35 | 0.14 | 0.20 | 0.61 | 2.37 | 11.33 | 15.67 | 10.82 | 6.31 |
| 1,201 - 1,400 | 171 | 86 | 271 | 843 | 5,766 | 12,767 | 39,845 | 6,464 | 66,213 |
| R\% | 0.26 | 0.13 | 0.41 | 1.27 | 8.71 | 19.28 | 60.18 | 9.76 | 100.00 |
|  | 0.41 | 0.14 | 0.17 | 0.53 | 1.99 | 5.85 | 15.75 | 15.53 | 5.41 |
| 1,401 - 1,600 | 69 | 49 | 170 | 617 | 4,584 | 8,956 | 38,063 | 8,798 | 61,306 |
|  | 0.11 | 0.08 | 0.28 | 1.01 | 7.48 | 14.61 | 62.09 | 14.35 | 100.00 |
| C\% | 0.16 | 0.08 | 0.11 | 0.39 | 1.59 | 4.11 | 15.04 | 21.14 | 5.01 |
| 1,601-1,900 | 107 | 76 | 205 | 721 | 5,100 | 9,344 | 49,053 | 16,942 | 81,548 |
| R\% | 0.13 | 0.09 | 0.25 | 0.88 | 6.25 | 11.46 | 60.15 | 20.78 | 100.00 |
|  | 0.26 | 0.12 | 0.13 | 0.45 | 1.76 | 4.28 | 19.38 | 40.71 | 6.66 |
| TOTAL  <br>  $\mathrm{R} \%$ <br>  $\mathrm{C} \%$ | 41,910 | 60,872 | 159,417 | 160,059 | 289,179 | 218,096 | 253,062 | 41,618 | 1,224,213 |
|  | 3.42 | 4.97 | 13.02 | 13.07 | 23.62 | 17.82 | 20.67 | 3.40 | 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 1987-88

| 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 | 192,472 | 284,249 | 496,616 | 171,810 | 62,658 | 2,129 | 184 | 18 | 1,210,136 |
| R\% | 15.90 | 23.49 | 41.04 | 14.20 | 5.18 | 0.18 | 0.02 | 0.00 | 100.00 |
| C\% | 99.86 | 99.79 | 91.04 | 57.92 | 26.18 | 2.57 | 1.22 | 5.64 | 73.02 |
| 1-200 | 33 | 88 | 18,118 | 21,882 | 23,195 | 1,438 | 104 | 0 | 64,858 |
| R\% | 0.05 | 0.14 | 27.93 | 33.74 | 35.76 | 2.22 | 0.16 | 0.00 | 100.00 |
| C\% | 0.02 | 0.03 | 3.32 | 7.38 | 9.69 | 1.73 | 0.69 | 0.00 | 3.91 |
| 201-400 | 30 | 93 | 17,581 | 7,410 | 32,592 | 2,835 | 164 | 1 | 60,706 |
| R\% | 0.05 | 0.15 | 28.96 | 12.21 | 53.69 | 4.67 | 0.27 | 0.00 | 100.00 |
| C\% | 0.02 | 0.03 | 3.22 | 2.50 | 13.62 | 3.42 | 1.09 | 0.31 | 3.66 |
| 401-600 | 44 | 90 | 8,429 | 12,109 | 31,957 | 4,321 | 253 | 2 | 57,205 |
| R\% | 0.08 | 0.16 | 14.73 | 21.17 | 55.86 | 7.55 | 0.44 | 0.00 | 100.00 |
| C\% | 0.02 | 0.03 | 1.55 | 4.08 | 13.35 | 5.21 | 1.68 | 0.63 | 3.45 |
| 601-800 | 41 | 68 | 2,071 | 14,876 | 29,123 | 6,382 | 551 | 5 | 53,117 |
| R\% | 0.08 | 0.13 | 3.90 | 28.01 | 54.83 | 12.01 | 1.04 | 0.01 | 100.00 |
| C\% | 0.02 | 0.02 | 0.38 | 5.01 | 12.17 | 7.70 | 3.66 | 1.57 | 3.20 |
| 801-1,000 | 16 | 67 | 961 | 15,018 | 23,627 | 8,384 | 936 | 8 | 49,017 |
|  | 0.03 | 0.14 | 1.96 | 30.64 | 48.20 | 17.10 | 1.91 | 0.02 | 100.00 |
| C\% | 0.01 | 0.02 | 0.18 | 5.06 | 9.87 | 10.11 | 6.21 | 2.51 | 2.96 |
| 1,001 - 1,200 | 19 | 56 | 635 | 14,351 | 17,155 | 11,623 | 1,529 | 19 | 45,387 |
| R\% | 0.04 | 0.12 | 1.40 | 31.62 | 37.80 | 25.61 | 3.37 | 0.04 | 100.00 |
| C\% | 0.01 | 0.02 | 0.12 | 4.84 | 7.17 | 14.02 | 10.15 | 5.96 | 2.74 |
| 1,201-1,400 | 28 | 41 | 471 | 13,007 | 10,970 | 13,548 | 2,269 | 35 | 40,369 |
| R\% | 0.07 | 0.10 | 1.17 | 32.22 | 27.17 | 33.56 | 5.62 | 0.09 | 100.00 |
| C\% | 0.01 | 0.01 | 0.09 | 4.38 | 4.58 | 16.34 | 15.07 | 10.97 | 2.44 |
| 1,401-1,600 | 23 | 40 | 293 | 11,816 | 5,655 | 14,577 | 3,117 | 74 | 35,595 |
| R\% | 0.06 | 0.11 | 0.82 | 33.20 | 15.89 | 40.95 | 8.76 | 0.21 | 100.00 |
| C\% | 0.01 | 0.01 | 0.05 | 3.98 | 2.36 | 17.58 | 20.70 | 23.20 | 2.15 |
| 1,601 - 1,900 | 27 | 48 | 328 | 14,372 | 2,373 | 17,683 | 5,954 | 157 | 40,942 |
| R\% | 0.07 | 0.12 | 0.80 | 35.10 | 5.80 | 43.19 | 14.54 | 0.38 | 100.00 |
| C\% | 0.01 | 0.02 | 0.06 | 4.84 | 0.99 | 21.33 | 39.53 | 49.22 | 2.47 |
| TOTAL | 192,733 | 284,840 | 545,503 | 296,651 | 239,305 | 82,920 | 15,061 | 319 | 1,657,332 |
| R\% | 11.63 | 17.19 | 32.91 | 17.90 | 14.44 | 5.00 | 0.91 | 0.02 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

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

Award Period 1987-88

3A - Total
3B - Dependent
3C - Independent

Tables $3 A, 38$, and $3 C$ 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 $1987-$ 88 was $\$ 1,303$. Table 3A shows that roughly one third ( 28.9 percent) received grants less than $\$ 900$; slightly more ( 30.7 percent) were awarded grants between $\$ 900$ and $\$ 1,500$; and the remaining two-fifths ( 40 percent) received grants greater than $\$ 1,500$. A comparison of Tables 3B and 3C shows that the majority of those receiving both large grants (\$1,500 or more) and modest-sized grants (less than $\$ 900$ ) were independent. Independents, it should be remembered from Table 2, 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 $\$ 2,100,72$ per-
cent had incomes of $\$ 6,000$ or less, and only 1.0 percent had family incomes greater than $\$ 15,000$. This distribution of the maximum award was similar in 1986-87 when 72 percent of the $\$ 6,000$ or less group and .9 percent of those with incomes over $\$ 15,000$ received \$2,100.

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 53 percent of recipients with incomes over $\$ 15,000$ were awarded grants less than $\$ 900$ while 19 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 fow income students who received grants 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 1987-88

| FAMILY INCOME | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,099 | \$2,100 |  |
| LESS THAN \$1,001 | 6,924 | 18,403 | 25,489 | 36,880 | 28,118 | 27,166 | 28,625 | 63,039 | 234,644 |
| R\% | 2.95 | 7.84 | 10.86 | 15.72 | 11.98 | 11.58 | 12.20 | 26.87 | 100.00 |
| C\% | 5.88 | 5.86 | 6.35 | 7.71 | 6.92 | 7.53 | 9.20 | 12.82 | 8.14 |
| \$1,001-3,000 | 4,189 | 19,764 | 38,389 | 61,281 | 44,157 | 38,465 | 37,247 | 102,220 | 345,712 |
| R\% | 1.21 | 5.72 | 11.10 | 17.73 | 12.77 | 11.13 | 10.77 | 29.57 | 100.00 |
| C\% | 3.56 | 6.30 | 9.57 | 12.80 | 10.86 | 10.67 | 11.97 | 20.79 | 12.00 |
| \$3,001-6,000 | 8,017 | 40,856 | 80,417 | 117,955 | 92,807 | 89,495 | 87,856 | 187,518 | 704,921 |
| R\% | 1.14 | 5.80 | 11.41 | 16.73 | 13.17 | 12.70 | 12.46 | 26.60 | 100.00 |
| C\% | 6.80 | 13.02 | 20.04 | 24.64 | 22.83 | 24.82 | 28.23 | 38.13 | 24.46 |
| \$6,001 - 9,000 | 17,645 | 46,642 | 60,053 | 72,999 | 62,668 | 53,534 | 57,609 | 85,560 | 456,710 |
| R\% | 3.86 | 10.21 | 13.15 | 15.98 | 13.72 | 11.72 | 12.61 | 18.73 | 100.00 |
| C\% | 14.97 | 14.86 | 14.97 | 15.25 | 15.42 | 14.85 | 18.51 | 17.40 | 15.85 |
| \$9,001 - 15,000 | 15,339 | 52,580 | 75,466 | 79,978 | 83,263 | 93,828 | 79,393 | 48,637 | 528,484 |
| R\% | 2.90 | 9.95 | 14.28 | 15.13 | 15.76 | 17.75 | 15.02 | 9.20 | 100.00 |
| C\% | 13.02 | 16.75 | 18.81 | 16.71 | 20.48 | 26.02 | 25.51 | 9.89 | 18.34 |
| \$15,001 - 20,000 | 24,962 | 50,541 | 50,155 | 54,033 | 57,810 | 42,147 | 17,332 | 4,036 | 301,016 |
| R\% | 8.29 | 16.79 | 16.66 | 17.95 | 19.20 | 14.00 | 5.76 | 1.34 | 100.00 |
| C\% | 21.18 | 16.10 | 12.50 | 11.29 | 14.22 | 11.69 | 5.57 | 0.82 | 10.45 |
| \$20,001 - 30,000 | 31,895 | 69,385 | 61,707 | 50,350 | 35,543 | 15,464 | 3,100 | 679 | 268,123 |
| R\% | 11.90 | 25.88 | 23.01 | 18.78 | 13.26 | 5.77 | 1.16 | 0.25 | 100.00 |
| C\% | 27.07 | 22.11 | 15.38 | 10.52 | 8.74 | 4.29 | 1.00 | 0.14 | 9.30 |
| \$30,001 + | 8,862 | 15,654 | 9,511 | 5,159 | 2,144 | 476 | 72 | 59 | 41,937 |
| R\% | 21.13 | 37.33 | 22.68 | 12.30 | 5.11 | 1.14 | 0.17 | 0.14 | 100.00 |
| C\% | 7.52 | 4.99 | 2.37 | 1.08 | 0.53 | 0.13 | 0.02 | 0.01 | 1.46 |
| TOTAL | 117,833 | 313,825 | 401,187 | 478,635 | 406,510 | 360,575 | 311,234 | 491,748 | 2,881,547 |
| R\% | 4.09 | 10.89 | 13.92 | 16.61 | 14.11 | 12.51 | 10.80 | 17.07 | 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 1987-88

|  | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FAMILY INCOME | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,099 | \$2,100 |  |
| LESS THAN \$1,001 | 249 | 1,234 | 2,805 | 4,485 | 4,548 | 5,839 | 10,322 | 12,429 | 41,911 |
| R\% | 0.59 | 2.94 | 6.69 | 10.70 | 10.85 | 13.93 | 24.63 | 29.66 | 100.00 |
| C\% | 0.49 | 0.90 | 1.66 | 2.34 | 2.43 | 3.40 | 6.42 | 7.93 | 3.42 |
| \$1,001 - 3,000 | 538 | 2,285 | 5,236 | 8,798 | 7,669 | 7,596 | 10,903 | 17,847 | 60,872 |
| R\% | 0.88 | 3.75 | 8.60 | 14.45 | 12.60 | 12.48 | 17.91 | 29.32 | 100.00 |
| C\% | 1.07 | 1.67 | 3.09 | 4.59 | 4.10 | 4.42 | 6.79 | 11.39 | 4.97 |
| \$3,001 - 6,000 | 1,270 | 6,331 | 14,685 | 22,368 | 20,474 | 20,368 | 26,762 | 47,160 | 159,418 |
| R\% | 0.80 | 3.97 | 9.21 | 14.03 | 12.84 | 12.78 | 16.79 | 29.58 | 100.00 |
| C\% | 2.52 | 4.64 | 8.67 | 11.67 | 10.96 | 11.85 | 16.66 | 30.09 | 13.02 |
| \$6,001-9,000 | 1,624 | 6,707 | 14,149 | 21,241 | 20,593 | 21,620 | 31,958 | 42,167 | 160,059 |
| R\% | 1.01 | 4.19 | 8.84 | 13.27 | 12.87 | 13.51 | 19.97 | 26.34 | 100.00 |
| C\% | 3.22 | 4.91 | 8.36 | 11.08 | 11.02 | 12.57 | 19.89 | 26.90 | 13.07 |
| \$9,001 - 15,000 | 4,872 | 17,027 | 30,534 | 36,730 | 44,267 | 61,404 | 61,303 | 33,042 | 289,179 |
| R\% | 1.68 | 5.89 | 10.56 | 12.70 | 15.31 | 21.23 | 21.20 | 11.43 | 100.00 |
| C\% | 9.65 | 12.47 | 18.03 | 19.16 | 23.69 | 35.71 | 38.16 | 21.08 | 23.62 |
| \$15,001 - 20,000 | 6,660 | 23,417 | 33,128 | 43,722 | 52,071 | 39,354 | 16,313 | 3,431 | 218,096 |
| R\% | 3.05 | 10.74 | 15.19 | 20.05 | 23.88 | 18.04 | 7.48 | 1.57 | 100.00 |
| C\% | 13.20 | 17.15 | 19.57 | 22.81 | 27.87 | 22.89 | 10.15 | 2.19 | 17.82 |
| \$20,001 - 30,000 | 26,506 | 64,036 | 59,307 | 49,192 | 35,090 | 15,298 | 3,025 | 608 | 253,062 |
| R\% | 10.47 | 25.30 | 23.44 | 19.44 | 13.87 | 6.05 | 1.20 | 0.24 | 100.00 |
| C\% | 52.53 | 46.89 | 35.03 | 25.66 | 18.78 | 8.90 | 1.88 | 0.39 | 20.67 |
| \$30,001 + | 8,742 | 15,524 | 9,477 | 5,138 | 2,140 | 473 | 69 | 55 | 41,618 |
| R\% | 21.01 | 37.30 | 22.77 | 12.35 | 5.14 | 1.14 | 0.17 | 0.13 | 100.00 |
| C\% | 17.32 | 11.37 | 5.60 | 2.68 | 1.15 | 0.28 | 0.04 | 0.04 | 3.40 |
| TOTAL | 50,461 | 136,561 | 169,321 | 191,674 | 186,852 | 171,952 | 160,655 | 156,739 | 1,224,215 |
| R\% | 4.12 | 11.15 | 13.83 | 15.66 | 15.26 | 14.05 | 13.12 | 12.80 | 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 1987-88

| FAMILY INCOME | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,099 | \$2,100 |  |
| LESS THAN \$1,001 | 6,675 | 17,169 | 22,684 | 32,395 | 23,570 | 21,327 | 18,303 | 50,610 | 192,733 |
| R\% | 3.46 | 8.91 | 11.77 | 16.81 | 12.23 | 11.07 | 9.50 | 26.26 | 100.00 |
| C\% | 9.91 | 9.69 | 9.78 | 11.29 | 10.73 | 11.31 | 12.16 | 15.11 | 11.63 |
| \$1,001-3,000 | 3,651 | 17,479 | 33,153 | 52,483 | 36,488 | 30,869 | 26,344 | 84,373 | 284,840 |
| R\% | 1.28 | 6.14 | 11.64 | 18.43 | 12.81 | 10.84 | 9.25 | 29.62 | 100.00 |
| C\% | 5.42 | 9.86 | 14.30 | 18.29 | 16.61 | 16.37 | 17.50 | 25.19 | 17.19 |
| \$3,001-6,000 | 6,747 | 34,525 | 65,732 | 95,587 | 72,333 | 69,127 | 61,094 | 140,358 | 545,503 |
| R\% | 1.24 | 6.33 | 12.05 | 17.52 | 13.26 | 12.67 | 11.20 | 25.73 | 100.00 |
| C\% | 10.01 | 19.48 | 28.35 | 33.31 | 32.93 | 36.65 | 40.57 | 41.90 | 32.91 |
| \$6,001-9,000 | 16,021 | 39,935 | 45,904 | 51,758 | 42,075 | 31,914 | 25,651 | 43,393 | 296,651 |
| R\% | 5.40 | 13.46 | 15.47 | 17.45 | 14.18 | 10.76 | 8.65 | 14.63 | 100.00 |
| C\% | 23.78 | 22.53 | 19.80 | 18.04 | 19.15 | 16.92 | 17.03 | 12.95 | 17.90 |
| \$9,001 - 15,000 | 10,467 | 35,553 | 44,932 | 43,248 | 38,996 | 32,424 | 18,090 | 15,595 | 239,305 |
| R\% | 4.37 | 14.86 | 18.78 | 18.07 | 16.30 | 13.55 | 7.56 | 6.52 | 100.00 |
| C\% | 15.54 | 20.06 | 19.38 | 15.07 | 17.75 | 17.19 | 12.01 | 4.66 | 14.44 |
| \$15,001 - 20,000 | 18,302 | 27,124 | 17,027 | 10,311 | 5,739 | 2,793 | 1,019 | 605 | 82,920 |
| R\% | 22.07 | 32.71 | 20.53 | 12.43 | 6.92 | 3.37 | 1.23 | 0.73 | 100.00 |
| C\% | 27.17 | 15.30 | 7.34 | 3.59 | 2.61 | 1.48 | 0.68 | 0.18 | 5.00 |
| \$20,001 - 30,000 | 5,389 | 5,349 | 2,400 | 1,158 | 453 | 166 | 75 | 71 | 15,061 |
| R\% | 35.78 | 35.52 | 15.94 | 7.69 | 3.01 | 1.10 | 0.50 | 0.47 | 100.00 |
| C\% | 8.00 | 3.02 | 1.04 | 0.40 | 0.21 | 0.09 | 0.05 | 0.02 | 0.91 |
| \$30,001 + | 120 | 130 | 34 | 21 | 4 | 3 | 3 | 4 | 319 |
| R\% | 37.62 | 40.75 | 10.66 | 6.58 | 1.25 | 0.94 | 0.94 | 1.25 | 100.00 |
| C\% | 0.18 | 0.07 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 |
| TOTAL | 67,372 | 177,264 | 231,866 | 286,961 | 219,658 | 188,623 | 150,579 | 335,009 | 1,657,332 |
| R\% | 4.07 | 10.70 | 13.99 | 17.31 | 13.25 | 11.38 | 9.09 | 20.21 | 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 1987-88

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

Tables $4 \mathrm{~A}, 4 \mathrm{~B}$, and 4 C present the distribution of Pell Grant recipients by Student Aid Index (SAI) and grant level, first for all recipients, then for dependents and independents, respectively.

The SAI when combined with the student's educational cost and enrollment status determine 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, nearly 100 percent of the students receiving the maximum award of $\$ 2,100$ had zero SAls, while only 36 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 zeroes, 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 $\$ 430$. Grants that exceeded $\$ 430$ for this SAl most likely repre-
sent 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 198788, 3,004 students were in the cells to the right of the diagonal line. These students represented only .10 percent of all recipients. During 1986-87, 1,858 students or . 07 percent received such invalid awards; during 1985-86, 1.490 (.05 percent); 1984-85, 1,278 (.05 percent); during 1983-84, 16,893 (. 6 percent); during 1982-83, 17,167 (.7 percent); and during 1981-82, 21,684 ( .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 that schools use to report and reconcile Pell Grant disbursements with the Department of Education. Under this new system, reporting and adjustment of data occurs throughout the year rather than at year's 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 1987-88

| STUDENT AID INDEX |  | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,099 | \$2,100 |  |
| 0 |  | 22,812 | 99,315 | 181,880 | 275,549 | 214,618 | 190,040 | 165,950 | 490,200 | 1,640,364 |
|  | R\% | 1.39 | 6.05 | 11.09 | 16.80 | 13.08 | 11.59 | 10.12 | 29.88 | 100.00 |
|  | C\% | 19.36 | 31.65 | 45.34 | 57.57 | 52.80 | 52.70 | 53.32 | 99.69 | 56.93 |
| 1-200 |  | 1,794 | 8,733 | 17,369 | 26,495 | 25,308 | 27,164 | 107,309 | 571 | 214,743 |
|  | R\% | 0.84 | 4.07 | 8.09 | 12.34 | 11.79 | 12.65 | 49.97 | 0.27 | 100.00 |
|  | C\% | 1.52 | 2.78 | 4.33 | 5.54 | 6.23 | 7.53 | 34.48 | 0.12 | 7.45 |
| 201-400 |  | 1,599 | 8,695 | 18,872 | 17,349 | 18,028 | 57,566 | 37,585 | 377 | 160,071 |
|  | R\% | 1.00 | 5.43 | 11.79 | 10.84 | 11.26 | 35.96 | 23.48 | 0.24 | 100.00 |
|  | C\% | 1.36 | 2.77 | 4.70 | 3.62 | 4.43 | 15.97 | 12.08 | 0.08 | 5.56 |
| 401-600 |  | 1,688 | 10,408 | 21,588 | 13,841 | 14,852 | 85,401 | 139 | 278 | 148,195 |
|  | R\% | 1.14 | 7.02 | 14.57 | 9.34 | 10.02 | 57.63 | 0.09 | 0.19 | 100.00 |
|  | C\% | 1.43 | 3.32 | 5.38 | 2.89 | 3.65 | 23.68 | 0.04 | 0.06 | 5.14 |
| 601-800 |  | 1,716 | 10,482 | 20,422 | 15,054 | 91,388 | 124 | 144 | 189 | 139,519 |
|  | R\% | 1.23 | 7.51 | 14.64 | 10.79 | 65.50 | 0.09 | 0.10 | 0.14 | 100.00 |
|  | C\% | 1.46 | 3.34 | 5.09 | 3.15 | 22.48 | 0.03 | 0.05 | 0.04 | 4.84 |
| 801-1,000 |  | 3,286 | 16,399 | 18,775 | 49,272 | 42,016 | 155 | 74 | 84 | 130,061 |
|  | R\% | 2.53 | 12.61 | 14.44 | 37.88 | 32.30 | 0.12 | 0.06 | 0.06 | 100.00 |
|  | C\% | 2.79 | 5.23 | 4.68 | 10.29 | 10.34 | 0.04 | 0.02 | 0.02 | 4.51 |
| 1,001-1,200 |  | 4,992 | 22,443 | 14,060 | 80,808 | 182 | 77 | 24 | 33 | 122,619 |
|  | R\% | 4.07 | 18.30 | 11.47 | 65.90 | 0.15 | 0.06 | 0.02 | 0.03 | 100.00 |
|  | C\% | 4.24 | 7.15 | 3.50 | 16.88 | 0.04 | 0.02 | 0.01 | 0.01 | 4.26 |
| 1,201-1,400 |  | 7,986 | 23,108 | 75,206 | 150 | 84 | 37 | 4 | 7 | 106,582 |
|  | R\% | 7.49 | 21.68 | 70.56 | 0.14 | 0.08 | 0.03 | 0.00 | 0.01 | 100.00 |
|  | C\% | 6.78 | 7.36 | 18.75 | 0.03 | 0.02 | 0.01 | 0.00 | 0.00 | 3.70 |
| 1,401-1,600 |  | 14,174 | 49,695 | 32,918 | 78 | 25 | 5 | 3 | 3 | 96,901 |
|  | R\% | 14.63 | 51.28 | 33.97 | 0.08 | 0.03 | 0.01 | 0.00 | 0.00 | 100.00 |
|  | C\% | 12.03 | 15.84 | 8.21 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 3.36 |
| 1,601-1,900 |  | 57,786 | 64,547 | 97 | 39 | 9 | 6 | 2 | 4 | 122,490 |
|  | R\% | 47.18 | 52.70 | 0.08 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 | 100.00 |
|  | C\% | 49.04 | 20.57 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 4.25 |
| TOTAL |  | 117,833 | 313,825 | 401,187 | 478,635 | 406,510 | 360,575 | 311,234 | 491,746 | 2,881,545 |
|  | R\% | 4.09 | 10.89 | 13.92 | 16.61 | 14.11 | 12.51 | 10.80 | 17.07 | 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 <br> STUDENT AID INDEX AND GRANT LEVEL <br> DEPENDENT RECIPIENTS - AWARD YEAR 1987-88

| STUDENT AID INDEX |  | GRANT LEVEL |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,099 | \$2,100 |  |
| 0  <br>   <br>   <br>   |  | 3,297 | 15,925 | 37,413 | 60,016 | 54,860 | 52,760 | 50,310 | 155,647 | 430,228 |
|  | R\% | 0.77 | 3.70 | 8.70 | 13.95 | 12.75 | 12.26 | 11.69 | 36.18 | 100.00 |
|  | C\% | 6.53 | 11.66 | 22.10 | 31.31 | 29.36 | 30.68 | 31.32 | 99.30 | 35.14 |
| 1-200 |  | 886 | 4,200 | 9,965 | 16,022 | 16,227 | 18,841 | 83,339 | 405 | 149,885 |
|  | R\% | 0.59 | 2.80 | 6.65 | 10.69 | 10.83 | 12.57 | 55.60 | 0.27 | 100.00 |
|  | C\% | 1.76 | 3.08 | 5.89 | 8.36 | 8.68 | 10.96 | 51.87 | 0.26 | 12.24 |
| 201-400 |  | 599 | 3,409 | 9,310 | 8,785 | 10,611 | 39,642 | 26,751 | 258 | 99,365 |
|  | R\% | 0.60 | 3.43 | 9.37 | 8.84 | 10.68 | 39.90 | 26.92 | 0.26 | 100.00 |
|  | C\% | 1.19 | 2.50 | 5.50 | 4.58 | 5.68 | 23.05 | 16.65 | 0.16 | 8.12 |
| 401-600 |  | 525 | 3,947 | 10,325 | 6,371 | 9,121 | 60,428 | 82 | 191 | 90,990 |
|  | R\% | 0.58 | 4.34 | 11.35 | 7.00 | 10.02 | 66.41 | 0.09 | 0.21 | 100.00 |
|  | C\% | 1.04 | 2.89 | 6.10 | 3.32 | 4.88 | 35.14 | 0.05 | 0.12 | 7.43 |
| 601-800 |  | 511 | 3,717 | 9,699 | 6,965 | 65,175 | 91 | 100 | 144 | 86,402 |
|  | R\% | 0.59 | 4.30 | 11.23 | 8.06 | 75.43 | 0.11 | 0.12 | 0.17 | 100.00 |
|  | C\% | 1.01 | 2.72 | 5.73 | 3.63 | 34.88 | 0.05 | 0.06 | 0.09 | 7.06 |
| 801-1,000 |  | 849 | 6,898 | 8,396 | 34,029 | 30,658 | 101 | 49 | 64 | 81,044 |
|  | R\% | 1.05 | 8.51 | 10.36 | 41.99 | 37.83 | 0.12 | 0.06 | 0.08 | 100.00 |
|  | C\% | 1.68 | 5.05 | 4.96 | 17.75 | 16.41 | 0.06 | 0.03 | 0.04 | 6.62 |
| 1,001-1,200 |  | 1,248 | 10,304 | 6,159 | 59,304 | 123 | 54 | 19 | 21 | 77,232 |
|  | $\mathrm{R} \%$ | 1.62 | 13.34 | 7.97 | 76.79 | 0.16 | 0.07 | 0.02 | 0.03 | 100.00 |
|  | C\% | 2.47 | 7.55 | 3.64 | 30.94 | 0.07 | 0.03 | 0.01 | 0.01 | 6.31 |
| 1,201-1,400 |  | 2,524 | 9,998 | 53,504 | 95 | 56 | 30 | 3 | 3 | 66,213 |
|  | R\% | 3.81 | 15.10 | 80.81 | 0.14 | 0.08 | 0.05 | 0.00 | 0.00 | 100.00 |
|  | C\% | 5.00 | 7.32 | 31.60 | 0.05 | 0.03 | 0.02 | 0.00 | 0.00 | 5.41 |
| 1,401-1,600 |  | 5,463 | 31,283 | 24,476 | 60 | 18 | 2 | 2 | 2 | 61,306 |
|  | $\mathrm{R} \%$ | 8.91 | 51.03 | 39.92 | 0.10 | 0.03 | 0.00 | 0.00 | 0.00 | 100.00 |
|  | C\% | 10.83 | 22.91 | 14.46 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 | 5.01 |
| 1,601-1,900 |  | 34,559 | 46,880 | 74 | 27 | 3 | 3 | 0 | 2 | 81,548 |
|  | R\% | 42.38 | 57.49 | 0.09 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
|  | C\% | 68.49 | 34.33 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 6.66 |
| TOTAL |  | 50,461 | 136,561 | 169,321 | 191,674 | 186,852 | 171,952 | 160,655 | 156,737 | 1,224,213 |
|  | R\% | 4.12 | 11.16 | 13.83 | 15.66 | 15.26 | 14.05 | 13.12 | 12.80 | 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 1987-88

| STUDENT AID INDEX |  | GRANT LEVEL |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,099 | \$2,100 | TOTAL |
| 0 |  | 19,515 | 83,390 | 144,467 | 215,533 | 159,758 | 137,280 | 115,640 | 334,553 | 1,210,136 |
|  | R\% | 1.61 | 6.89 | 11.94 | 17.81 | 13.20 | 11.34 | 9.56 | 27.65 | 100.00 |
|  | C\% | 28.97 | 47.04 | 62.31 | 75.11 | 72.73 | 72.78 | 76.80 | 99.86 | 73.02 |
| 1-200 |  | 908 | 4,533 | 7,404 | 10,473 | 9,081 | 8,323 | 23,970 | 166 | 64,858 |
|  | R\% | 1.40 | 6.99 | 11.42 | 16.15 | 14.00 | 12.83 | 36.96 | 0.26 | 100.00 |
|  | C\% | 1.35 | 2.56 | 3.19 | 3.65 | 4.13 | 4.41 | 15.92 | 0.05 | 3.91 |
| 201-400 |  | 1,000 | 5,286 | 9,562 | 8,564 | 7,417 | 17,924 | 10,834 | 119 | 60,706 |
|  | R\% | 1.65 | 8.71 | 15.75 | 14.11 | 12.22 | 29.53 | 17.85 | 0.20 | 100.00 |
|  | C\% | 1.48 | 2.98 | 4.12 | 2.98 | 3.38 | 9.50 | 7.19 | 0.04 | 3.66 |
| 401-600 |  | 1,163 | 6,461 | 11,263 | 7,470 | 5,731 | 24,973 | 57 | 87 | 57,205 |
|  | R\% | 2.03 | 11.29 | 19.69 | 13.06 | 10.02 | 43.66 | 0.10 | 0.15 | 100.00 |
|  | C\% | 1.73 | 3.64 | 4.86 | 2.60 | 2.61 | 13.24 | 0.04 | 0.03 | 3.45 |
| 601-800 |  | 1,205 | 6,765 | 10,723 | 8,089 | 26,213 | 33 | 44 | 45 | 53,117 |
|  | R\% | 2.27 | 12.74 | 20.19 | 15.23 | 49.35 | 0.06 | 0.08 | 0.08 | 100.00 |
|  | C\% | 1.79 | 3.82 | 4.62 | 2.82 | 11.93 | 0.02 | 0.03 | 0.01 | 3.20 |
| 801-1,000 |  | 2,437 | 9,501 | 10,379 | 15,243 | 11,358 | 54 | 25 | 20 | 49,017 |
|  | R\% | 4.97 | 19.38 | 21.17 | 31.10 | 23.17 | 0.11 | 0.05 | 0.04 | 100.00 |
|  | C\% | 3.62 | 5.36 | 4.48 | 5.31 | 5.17 | 0.03 | 0.02 | 0.01 | 2.96 |
| 1,001-1,200 |  | 3,744 | 12,139 | 7,901 | 21,504 | 59 | 23 | 5 | 12 | 45,387 |
|  | R\% | 8.25 | 26.75 | 17.41 | 47.38 | 0.13 | 0.05 | 0.01 | 0.03 | 100.00 |
|  | C\% | 5.56 | 6.85 | 3.41 | 7.49 | 0.03 | 0.01 | 0.00 | 0.00 | 2.74 |
| 1,201 - 1,400 |  | 5,462 | 13,110 | 21,702 | 55 | 28 | 7 | 1 | 4 | 40,369 |
|  | R\% | 13.53 | 32.48 | 53.76 | 0.14 | 0.07 | 0.02 | 0.00 | 0.01 | 100.00 |
|  | C\% | 8.11 | 7.40 | 9.36 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 2.44 |
| 1,401-1,600 |  | 8,711 | 18,412 | 8,442 | 18 | 7 | 3 | 1 | 1 | 35,595 |
|  | R\% | 24.47 | 51.73 | 23.72 | 0.05 | 0.02 | 0.01 | 0.00 | 0.00 | 100.00 |
|  | C\% | 12.93 | 10.39 | 3.64 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 2.15 |
| 1,601-1,900 |  | 23,227 | 17,667 | 23 | 12 | 6 | 3 | 2 | 2 | 40,942 |
|  | R\% | 56.73 | 43.15 | 0.06 | 0.03 | 0.01 | 0.01 | 0.00 | 0.00 | 100.00 |
|  | C\% | 34.48 | 9.97 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.47 |
| TOTAL |  | 67,372 | 177,264 | 231,866 | 286,961 | 219,658 | 188,623 | 150,579 | 335,009 | 1,657,332 |
|  | R\% | 4.07 | 10.70 | 13.99 | 17.31 | 13.25 | 11.38 | 9.09 | 20.21 | 100.00 |
|  | C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

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

Award Period 1987-88

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

Tables 5A, 5B, and 5C show the distribution of Pell Grant recipients by Student Aid Index (SAI) and type of institution attended, first for all recipients, then for dependents and independents, respectively.

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 enrolled. The majority of Pell Grant recipients ( 52 percent) attended schools where the educational program was less than 4 years in duration. These schools are typically 2 year community colleges and vocational/ technical institutions offerings courses less than 2 years in length. Independents in these less traditional schools outnumbered dependents almost three to one ( $1,071,424$ to 421,140 ).

By comparison, the recipient population enrolled in schools offering programs at least 4 years in length tended to be mostly dependent ( 803,073 dependent versus 585,908 independent). Schools in this category are primarily large state universities and 4 year colleges offering a baccalaureate degree.

A comparison with 1986-87 data shows that the Pell Grant program experienced an increase in the number of recipients attending these more traditional postsecondary institutions. In 1986-87, 1,305,899 recipients were enrolled in schools offering programs at least 4 years in duration; in 1987-88, the number had increased to $1,388,981$. The rise in recipients at institutions offering programs less than 4 years in length was more significant, from 1,352,606 to $1,492,564$.

Table 5 also indicates that the financial strength of recipients as measured by the SAI 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 46 percent of the recipient pool at 4 year or more institutions and 67 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 1987-88

|  | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STUDENT AID INDEX | FIVE YEARS OR MORE | FOUR-YEAR NO 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 |
| 0 | 439,991 | 197,777 | 6,854 | 576,140 | 203,930 | 215,672 | 0 | 1,640,364 |
| R\% | 26.82 | 12.06 | 0.42 | 35.12 | 12.43 | 13.15 | 0.00 | 100.00 |
| C\% | 44.82 | 48.56 | 55.67 | 61.99 | 76.56 | 75.79 | 0.00 | 56.93 |
| 1-200 | 91,967 | 34,575 | 839 | 62,036 | 11,981 | 13,345 | 0 | 214,743 |
| R\% | 42.83 | 16.10 | 0.39 | 28.89 | 5.58 | 6.21 | 0.00 | 100.00 |
| C\% | 9.37 | 8.49 | 6.81 | 6.68 | 4.50 | 4.69 | 0.00 | 7.45 |
| 201-400 | 65,893 | 25,652 | 622 | 47,985 | 9,361 | 10,558 | 0 | 160,071 |
| R \% | 41.16 | 16.03 | 0.39 | 29.98 | 5.85 | 6.60 | 0.00 | 100.00 |
| C\% | 6.71 | 6.30 | 5.05 | 5.16 | 3.51 | 3.71 | 0.00 | 5.56 |
| 401-600 | 61,624 | 23,972 | 623 | 44,416 | 8,381 | 9,179 | 0 | 148,195 |
| R\% | 41.58 | 16.18 | 0.42 | 29.97 | 5.66 | 6.19 | 0.00 | 100.00 |
| C\% | 6.28 | 5.89 | 5.06 | 4.78 | 3.15 | 3.23 | 0.00 | 5.14 |
| 601-800 | 59,637 | 23,023 | 623 | 41,282 | 7,113 | 7,841 | 0 | 139,519 |
| R\% | 42.74 | 16.50 | 0.45 | 29.59 | 5.10 | 5.62 | 0.00 | 100.00 |
| C\% | 6.07 | 5.65 | 5.06 | 4.44 | 2.67 | 2.76 | 0.00 | 4.84 |
| 801-1,000 | 56,599 | 21,783 | 577 | 37,781 | 6,357 | 6,964 | 0 | 130,061 |
| R\% | 43.52 | 16.75 | 0.44 | 29.05 | 4.89 | 5.35 | 0.00 | 100.00 |
| C\% | 5.77 | 5.35 | 4.69 | 4.07 | 2.39 | 2.45 | 0.00 | 4.51 |
| 1,001 - 1,200 | 54,501 | 20,883 | 556 | 35,014 | 5,538 | 6,127 | 0 | 122,619 |
| R\% | 44.45 | 17.03 | 0.45 | 28.56 | 4.52 | 5.00 | 0.00 | 100.00 |
| C\% | 5.55 | 5.13 | 4.52 | 3.77 | 2.08 | 2.15 | 0.00 | 4.26 |
| 1,201 - 1,400 | 47,783 | 18,635 | 522 | 29,817 | 4,614 | 5,211 | 0 | 106,582 |
| R\% | 44.83 | 17.48 | 0.49 | 27.98 | 4.33 | 4.89 | 0.00 | 100.00 |
| C\% | 4.87 | 4.58 | 4.24 | 3.21 | 1.73 | 1.83 | 0.00 | 3.70 |
| 1,401 - 1,600 | 44,469 | 17,842 | 464 | 25,695 | 4,104 | 4,327 | 0 | 96,901 |
| R\% | 45.89 | 18.41 | 0.48 | 26.52 | 4.24 | 4.47 | 0.00 | 100.00 |
| C\% | 4.53 | 4.38 | 3.77 | 2.76 | 1.54 | 1.52 | 0.00 | 3.36 |
| 1,601 - 1,900 | 59,245 | 23,130 | 632 | 29,169 | 4,988 | 5,326 | 0 | 122,490 |
| R\% | 48.37 | 18.88 | 0.52 | 23.81 | 4.07 | 4.35 | 0.00 | 100.00 |
| C\% | 6.03 | 5.68 | 5.13 | 3.14 | 1.87 | 1.87 | 0.00 | 4.25 |
| TOTAL | 981,709 | 407,272 | 12,312 | 929,335 | 266,367 | 284,550 | 0 | 2,881,545 |
| R\% | 34.07 | 14.13 | 0.43 | 32.25 | 9.24 | 9.87 | 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 1987-88

|  | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STUDENT AID INDEX | FIVE YEARS OR MORE | FOUR-YEAR NO 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 |
| 0 | 168,673 | 70,914 | 1,203 | 121,374 | 37,652 | 30,412 | 0 | 430,228 |
| R\% | 39.21 | 16.48 | 0.28 | 28.21 | 8.75 | 7.07 | 0.00 | 100.00 |
| C\% | 29.18 | 31.52 | 29.87 | 40.18 | 61.52 | 56.51 | 0.00 | 35.14 |
| 1-200 | 74,199 | 26,848 | 491 | 37,603 | 5,456 | 5,288 | 0 | 149,885 |
| R\% | 49.50 | 17.91 | 0.33 | 25.09 | 3.64 | 3.53 | 0.00 | 100.00 |
| C\% | 12.83 | 11.94 | 12.19 | 12.45 | 8.91 | 9.83 | 0.00 | 12.24 |
| 201-400 | 48,619 | 18,633 | 316 | 24,570 | 3,624 | 3,603 | 0 | 99,365 |
| R\% | 48.93 | 18.75 | 0.32 | 24.73 | 3.65 | 3.63 | 0.00 | 100.00 |
| C\% | 8.41 | 8.28 | 7.85 | 8.13 | 5.92 | 6.70 | 0.00 | 8.12 |
| 401-600 | 45,195 | 17,184 | 313 | 22,162 | 3,048 | 3,088 | 0 | 90,990 |
| R \% | 49.67 | 18.89 | 0.34 | 24.36 | 3.35 | 3.39 | 0.00 | 100.00 |
| C\% | 7.82 | 7.64 | 7.77 | 7.34 | 4.98 | 5.74 | 0.00 | 7.43 |
| 601-800 | 44,016 | 16,687 | 303 | 20,216 | 2,569 | 2,611 | 0 | 86,402 |
| $\mathrm{R} \%$ | 50.94 | 19.31 | 0.35 | 23.40 | 2.97 | 3.02 | 0.00 | 100.00 |
| C\% | 7.61 | 7.42 | 7.52 | 6.69 | 4.20 | 4.85 | 0.00 | 7.06 |
| 801-1,000 | 42,044 | 15,704 | 299 | 18,448 | 2,279 | 2,270 | 0 | 81,044 |
| $\mathrm{R} \%$ | 51.88 | 19.38 | 0.37 | 22.76 | 2.81 | 2.80 | 0.00 | 100.00 |
| C\% | 7.27 | 6.98 | 7.42 | 6.11 | 3.72 | 4.22 | 0.00 | 6.62 |
| 1,001-1,200 | 40,721 | 15,212 | 291 | 17,104 | 1,970 | 1,934 | 0 | 77,232 |
| R\% | 52.73 | 19.70 | 0.38 | 22.15 | 2.55 | 2.50 | 0.00 | 100.00 |
| C\% | 7.04 | 6.76 | 7.23 | 5.66 | 3.22 | 3.59 | 0.00 | 6.31 |
| 1,201-1,400 | 35,457 | 13,427 | 240 | 13,998 | 1,534 | 1,557 | 0 | 66,213 |
| R\% | 53.55 | 20.28 | 0.36 | 21.14 | 2.32 | 2.35 | 0.00 | 100.00 |
| C\% | 6.13 | 5.97 | 5.96 | 4.63 | 2.51 | 2.89 | 0.00 | 5.41 |
| 1,401-1,600 | 33,386 | 12,925 | 247 | 12,053 | 1,345 | 1,350 | 0 | 61,306 |
| R\% | 54.46 | 21.08 | 0.40 | 19.66 | 2.19 | 2.20 | 0.00 | 100.00 |
| C\% | 5.77 | 5.75 | 6.13 | 3.99 | 2.20 | 2.51 | 0.00 | 5.01 |
| 1,601-1,900 | 45,814 | 17,415 | 324 | 14,566 | 1,726 | 1,703 | 0 | 81,548 |
| R\% | 56.18 | 21.36 | 0.40 | 17.86 | 2.12 | 2.09 | 0.00 | 100.00 |
| C\% | 7.92 | 7.74 | 8.05 | 4.82 | 2.82 | 3.16 | 0.00 | 6.66 |
| TOTAL | 578,124 | 224,949 | 4,027 | 302,094 | 61,203 | 53,816 | 0 | 1,224,213 |
| R\% | 47.22 | 18.37 | 0.33 | 24.68 | 5.00 | 4.40 | 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 1987-88

| STUDENT AID INDEX | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FIVE YEARS OR MORE | FOUR-YEAR NO 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 |
| 0 | 271,318 | 126,863 | 5,651 | 454,766 | 166,278 | 185,260 | 0 | 1,210,136 |
| R\% | 22.42 | 10.48 | 0.47 | 37.58 | 13.74 | 15.31 | 0.00 | 100.00 |
| C\% | 67.23 | 69.58 | 68.21 | 72.50 | 81.05 | 80.29 | 0.00 | 73.02 |
| 1-200 | 17,768 | 7,727 | 348 | 24,433 | 6,525 | 8,057 | 0 | 64,858 |
| R \% | 27.40 | 11.91 | 0.54 | 37.67 | 10.06 | 12.42 | 0.00 | 100.00 |
| C\% | 4.40 | 4.24 | 4.20 | 3.90 | 3.18 | 3.49 | 0.00 | 3.91 |
| 201-400 | 17,274 | 7,019 | 306 | 23,415 | 5,737 | 6,955 | 0 | 60,706 |
| R\% | 28.46 | 11.56 | 0.50 | 38.57 | 9.45 | 11.46 | 0.00 | 100.00 |
| C\% | 4.28 | 3.85 | 3.69 | 3.73 | 2.80 | 3.01 | 0.00 | 3.66 |
| 401-600 | 16,429 | 6,788 | 310 | 22,254 | 5,333 | 6,091 | 0 | 57,205 |
| R\% | 28.72 | 11.87 | 0.54 | 38.90 | 9.32 | 10.65 | 0.00 | 100.00 |
| C\% | 4.07 | 3.72 | 3.74 | 3.55 | 2.60 | 2.64 | 0.00 | 3.45 |
| 601-800 | 15,621 | 6,336 | 320 | 21,066 | 4,544 | 5,230 | 0 | 53,117 |
| R\% | 29.41 | 11.93 | 0.60 | 39.66 | 8.55 | 9.85 | 0.00 | 100.00 |
| C\% | 3.87 | 3.48 | 3.86 | 3.36 | 2.21 | 2.27 | 0.00 | 3.20 |
| 801-1,000 | 14,555 | 6,079 | 278 | 19,333 | 4,078 | 4,694 | 0 | 49,017 |
| R\% | 29.69 | 12.40 | 0.57 | 39.44 | 8.32 | 9.58 | 0.00 | 100.00 |
| C\% | 3.61 | 3.33 | 3.36 | 3.08 | 1.99 | 2.03 | 0.00 | 2.96 |
| 1,001 - 1,200 | 13,780 | 5,671 | 265 | 17,910 | 3,568 | 4,193 | 0 | 45,387 |
| R\% | 30.36 | 12.49 | 0.58 | 39.46 | 7.86 | 9.24 | 0.00 | 100.00 |
| C\% | 3.41 | 3.11 | 3.20 | 2.86 | 1.74 | 1.82 | 0.00 | 2.74 |
| 1,201-1,400 | 12,326 | 5,208 | 282 | 15,819 | 3,080 | 3,654 | 0 | 40,369 |
| R\% | 30.53 | 12.90 | 0.70 | 39.19 | 7.63 | 9.05 | 0.00 | 100.00 |
| C\% | 3.05 | 2.86 | 3.40 | 2.52 | 1.50 | 1.58 | 0.00 | 2.44 |
| 1,401-1,600 | 11,083 | 4,917 | 217 | 13,642 | 2,759 | 2,977 | 0 | 35,595 |
| R\% | 31.14 | 13.81 | 0.61 | 38.33 | 7.75 | 8.36 | 0.00 | 100.00 |
| C\% | 2.75 | 2.70 | 2.62 | 2.17 | 1.34 | 1.29 | 0.00 | 2.15 |
| 1,601 - 1,900 | 13,431 | 5,715 | 308 | 14,603 | 3,262 | 3,623 | 0 | 40,942 |
| R\% | 32.80 | 13.96 | 0.75 | 35.67 | 7.97 | 8.85 | 0.00 | 100.00 |
| C\% | 3.33 | 3.13 | 3.72 | 2.33 | 1.59 | 1.57 | 0.00 | 2.47 |
| TOTAL | 403,585 | 182,323 | 8,285 | 627,241 | 205,164 | 230,734 | 0 | 1,657,332 |
| R\% | 24.35 | 11.00 | 0.50 | 37.85 | 12.38 | 13.92 | 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 1987-88
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 6 B and 6C present the same breakout 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) 1985 taxable and nontaxable income (plus one-half of certain Veterans benefits).

Because family income is highly correlated with the Student Aid Index (SAI), the data on this table are very similar to that presented on 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 67 percent of recipients with incomes over $\$ 15,000$ attended schools in the 4 year or more category. Almost all of this group ( 91 percent) were dependent. Only 43 percent of recipients reporting incomes of $\$ 6,000$ and less were enrolled in this type of school. Over two-thirds ( 71 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 1987-88

|  | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FAMILY INCOME | FIVE YEARS OR MORE | FOUR-YEAR NO 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 |
| LESS THAN \$1,001 | 75,482 | 32,478 | 810 | 81,221 | 20,317 | 24,336 | 0 | 234,644 |
| R\% | 32.17 | 13.84 | 0.35 | 34.61 | 8.66 | 10.37 | 0.00 | 100.00 |
| C\% | 7.69 | 7.97 | 6.58 | 8.74 | 7.63 | 8.55 | 0.00 | 8.14 |
| \$1,001-3,000 | 93,326 | 38,612 | 1,372 | 117,504 | 47,346 | 47,552 | 0 | 345,712 |
| R\% | 27.00 | 11.17 | 0.40 | 33.99 | 13.70 | 13.75 | 0.00 | 100.00 |
| C\% | 9.51 | 9.48 | 11.14 | 12.64 | 17.77 | 16.71 | 0.00 | 12.00 |
| \$3,001 - 6,000 | 188,622 | 80,979 | 3,325 | 240,892 | 92,981 | 98,122 | 0 | 704,921 |
| R\% | 26.76 | 11.49 | 0.47 | 34.17 | 13.19 | 13.92 | 0.00 | 100.00 |
| C\% | 19.21 | 19.88 | 27.01 | 25.92 | 34.91 | 34.48 | 0.00 | 24.46 |
| \$6,001-9,000 | 140,773 | 59,715 | 2,204 | 160,332 | 44,680 | 49,006 | 0 | 456,710 |
| R\% | 30.82 | 13.08 | 0.48 | 35.11 | 9.78 | 10.73 | 0.00 | 100.00 |
| C\% | 14.34 | 14.66 | 17.90 | 17.25 | 16.77 | 17.22 | 0.00 | 15.85 |
| \$9,001 - 15,000 | 189,650 | 79,331 | 2,220 | 176,974 | 38,212 | 42,097 | 0 | 528,484 |
| R\% | 35.89 | 15.01 | 0.42 | 33.49 | 7.23 | 7.97 | 0.00 | 100.00 |
| C\% | 19.32 | 19.48 | 18.03 | 19.04 | 14.35 | 14.79 | 0.00 | 18.34 |
| \$15,001 - 20,000 | 130,824 | 52,830 | 1,290 | 86,257 | 14,597 | 15,218 | 0 | 301,016 |
| R\% | 43.46 | 17.55 | 0.43 | 28.66 | 4.85 | 5.06 | 0.00 | 100.00 |
| C\% | 13.33 | 12.97 | 10.48 | 9.28 | 5.48 | 5.35 | 0.00 | 10.45 |
| \$20,001 - 30,000 | 138,264 | 54,203 | 971 | 59,458 | 7,620 | 7,607 | 0 | 268,123 |
| R\% | 51.57 | 20.22 | 0.36 | 22.18 | 2.84 | 2.84 | 0.00 | 100.00 |
| C\% | 14.08 | 13.31 | 7.89 | 6.40 | 2.86 | 2.67 | 0.00 | 9.30 |
| \$30,001 + | 24,770 | 9,124 | 120 | 6,697 | 614 | 612 | 0 | 41,937 |
| $\mathrm{R} \%$ | 59.06 | 21.76 | 0.29 | 15.97 | 1.46 | 1.46 | 0.00 | 100.00 |
| C\% | 2.52 | 2.24 | 0.97 | 0.72 | 0.23 | 0.22 | 0.00 | 1.46 |
| TOTAL | 981,711 | 407,272 | 12,312 | 929,335 | 266,367 | 284,550 | 0 | 2,881,547 |
| R\% | 34.07 | 14.13 | 0.43 | 32.25 | 9.24 | 9.87 | 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 1987-88

|  | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FAMILY INCOME | FIVE YEARS OR MORE | FOUR-YEAR NO 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 |
| LESS THAN \$1,001 | 21,444 | 7,041 | 130 | 10,190 | 1,585 | 1,521 | 0 | 41,911 |
| R\% | 51.17 | 16.80 | 0.31 | 24.31 | 3.78 | 3.63 | 0.00 | 100.00 |
| C\% | 3.71 | 3.13 | 3.23 | 3.37 | 2.59 | 2.83 | 0.00 | 3.42 |
| \$1,001 - 3,000 | 24,646 | 9,770 | 121 | 16,428 | 5,832 | 4,075 | 0 | 60,872 |
| R\% | 40.49 | 16.05 | 0.20 | 26.99 | 9.58 | 6.69 | 0.00 | 100.00 |
| C\% | 4.26 | 4.34 | 3.00 | 5.44 | 9.53 | 7.57 | 0.00 | 4.97 |
| \$3,001 - 6,000 | 60,646 | 26,453 | 464 | 44,555 | 15,469 | 11,831 | 0 | 159,418 |
| R\% | 38.04 | 16.59 | 0.29 | 27.95 | 9.70 | 7.42 | 0.00 | 100.00 |
| C\% | 10.49 | 11.76 | 11.52 | 14.75 | 25.27 | 21.98 | 0.00 | 13.02 |
| \$6,001 - 9,000 | 67,708 | 27,020 | 561 | 43,965 | 11,118 | 9,687 | 0 | 160,059 |
| R\% | 42.30 | 16.88 | 0.35 | 27.47 | 6.95 | 6.05 | 0.00 | 100.00 |
| C\% | 11.71 | 12.01 | 13.93 | 14.55 | 18.17 | 18.00 | 0.00 | 13.07 |
| \$9,001 - 15,000 | 135,065 | 51,781 | 981 | 75,705 | 13,018 | 12,629 | 0 | 289,179 |
| R\% | 46.71 | 17.91 | 0.34 | 26.18 | 4.50 | 4.37 | 0.00 | 100.00 |
| C\% | 23.36 | 23.02 | 24.36 | 25.06 | 21.27 | 23.47 | 0.00 | 23.62 |
| \$15,001 - 20,000 | 109,462 | 41,881 | 754 | 51,688 | 7,173 | 7,138 | 0 | 218,096 |
| R\% | 50.19 | 19.20 | 0.35 | 23.70 | 3.29 | 3.27 | 0.00 | 100.00 |
| C\% | 18.93 | 18.62 | 18.72 | 17.11 | 11.72 | 13.26 | 0.00 | 17.82 |
| \$20,001 - 30,000 | 134,495 | 51,943 | 898 | 52,981 | 6,409 | 6,336 | 0 | 253,062 |
| R\% | 53.15 | 20.53 | 0.35 | 20.94 | 2.53 | 2.50 | 0.00 | 100.00 |
| C\% | 23.26 | 23.09 | 22.30 | 17.54 | 10.47 | 11.77 | 0.00 | 20.67 |
| \$30,001 + | 24,660 | 9,060 | 118 | 6,582 | 599 | 599 | 0 | 41,618 |
| R\% | 59.25 | 21.77 | 0.28 | 15.82 | 1.44 | 1.44 | 0.00 | 100.00 |
| C\% | 4.27 | 4.03 | 2.93 | 2.18 | 0.98 | 1.11 | 0.00 | 3.40 |
| TOTAL | 578,126 | 224,949 | 4,027 | 302,094 | 61,203 | 53,816 | 0 | 1,224,215 |
| R\% | 47.22 | 18.37 | 0.33 | 24.68 | 5.00 | 4.40 | 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 1987-88

TYPE OF INSTITUTION

| FAMILY INCOME | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FIVE YEARS OR MORE | FOUR-YEAR NO 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 |
| LESS THAN \$1,001 | 54,038 | 25,437 | 680 | 71,031 | 18,732 | 22,815 | 0 | 192,733 |
| R\% | 28.04 | 13.20 | 0.35 | 36.85 | 9.72 | 11.84 | 0.00 | 100.00 |
| C\% | 13.39 | 13.95 | 8.21 | 11.32 | 9.13 | 9.89 | 0.00 | 11.63 |
| \$1,001 - 3,000 | 68,680 | 28,842 | 1,251 | 101,076 | 41,514 | 43,477 | 0 | 284,840 |
| R\% | 24.11 | 10.13 | 0.44 | 35.49 | 14.57 | 15.26 | 0.00 | 100.00 |
| C\% | 17.02 | 15.82 | 15.10 | 16.11 | 20.23 | 18.84 | 0.00 | 17.19 |
| \$3,001 - 6,000 | 127,976 | 54,526 | 2,861 | 196,337 | 77,512 | 86,291 | 0 | 545,503 |
| R\% | 23.46 | 10.00 | 0.52 | 35.99 | 14.21 | 15.82 | 0.00 | 100.00 |
| C\% | 31.71 | 29.91 | 34.53 | 31.30 | 37.78 | 37.40 | 0.00 | 32.91 |
| \$6,001-9,000 | 73,065 | 32,695 | 1,643 | 116,367 | 33,562 | 39,319 | 0 | 296,651 |
| R\% | 24.63 | 11.02 | 0.55 | 39.23 | 11.31 | 13.25 | 0.00 | 100.00 |
| C\% | 18.10 | 17.93 | 19.83 | 18.55 | 16.36 | 17.04 | 0.00 | 17.90 |
| \$9,001 - 15,000 | 54,585 | 27,550 | 1,239 | 101,269 | 25,194 | 29,468 | 0 | 239,305 |
| R\% | 22.81 | 11.51 | 0.52 | 42.32 | 10.53 | 12.31 | 0.00 | 100.00 |
| C\% | 13.53 | 15.11 | 14.95 | 16.15 | 12.28 | 12.77 | 0.00 | 14.44 |
| \$15,001 - 20,000 | 21,362 | 10,949 | 536 | 34,569 | 7,424 | 8,080 | 0 | 82,920 |
| R\% | 25.76 | 13.20 | 0.65 | 41.69 | 8.95 | 9.74 | 0.00 | 100.00 |
| C\% | 5.29 | 6.01 | 6.47 | 5.51 | 3.62 | 3.50 | 0.00 | 5.00 |
| \$20,001 - 30,000 | 3,769 | 2,260 | 73 | 6,477 | 1,211 | 1,271 | 0 | 15,061 |
| R\% | 25.02 | 15.01 | 0.48 | 43.01 | 8.04 | 8.44 | 0.00 | 100.00 |
| C\% | 0.93 | 1.24 | 0.88 | 1.03 | 0.59 | 0.55 | 0.00 | 0.91 |
| \$30,001 + | 110 | 64 | 2 | 115 | 15 | 13 | 0 | 319 |
| R\% | 34.48 | 20.06 | 0.63 | 36.05 | 4.70 | 4.08 | 0.00 | 100.00 |
| C\% | 0.03 | 0.04 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.02 |
| TOTAL | 403,585 | 182,323 | 8,285 | 627,241 | 205,164 | 230,734 | 0 | 1,657,332 |
| R\% | 24.35 | 11.00 | 0.50 | 37.85 | 12.38 | 13.92 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |

# Table 7 <br> Distribution of Pell Grant Recipients By Student Aid Index and Educational Cost 

Award Period 1987-88

7A - Total
7B - Dependent
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.

Educational costs for calculating a Pell Grant in 1987-88 normally included: 1) the student's tuition and fees; 2) room and board charges if on campus, a living allowance of $\$ 1,100$ if the student lived at home with parents, or a living allowance of at least $\$ 1,100$ but not more than $\$ 1,600$ if the student lived off campus and not with parents; and 3) a books and supplies allowance of $\$ 400.4$ For this reason, as Table 7A indicates, few recipients had costs below $\$ 1,500$--the sum of the $\$ 400$ books and supplies allowance and the $\$ 1,100$ off campus allowance. The recipients in this very low cost

[^2]group were most likely incarcerated or students taking correspondence courses. The room, board, books, and supplies allowances for these two groups were less generous.

Table 7A shows that a majority of students had costs in the higher ranges for Pell Grant awarding purposes. For example, over three of every five recipients ( 65 percent) attended schools where costs were greater than $\$ 3,300$. Relatively few (10 percent) had costs of $\$ 2,400$ or less (see Figure 6).

Tables 7B and 7C indicate that there was little difference in the educational costs of dependents and independents. For example, 65.6 percent of dependents had costs greater than $\$ 3,300$; by comparison, 65.4 percent independents had costs in this range. Costs for dependents averaged $\$ 4,733$ in 1987-88; the average cost for independents was \$4,294.

A comparison with 1986-87 data indicates a modest increase in costs for Pell Grant recipients. Average costs increased by 4.8 percent between the 2 years, from $\$ 4,273$ to $\$ 4,480$. Recipients in the high cost ranges represented a greater percentage of the total in 1987-88. For example, recipients with costs greater than $\$ 3,300$ comprised 61.8 percent of all recipients in 1986-87 and 65.5 percent in 1987-88.

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 SAI level. About 66 percent of the zero SAl recipients attended institutions with educational costs over $\$ 3,300$ as compared to 65 percent of the recipients with indexes between 0 and 1,400 and 68 percent of recipients with SAls over 1,400 . Neither does
the percentage of recipients attending lower income schools vary greatly by SAl. Nearly 11 percent of the zero SAl recipients were enrolled in schools with costs less than $\$ 2,400$ as compared to 11 percent of the recipients with indexes between 0 and 1,400 and 7 percent of recipients with SAls over 1,400 .

Figure 6
Distribution of Pell Grant Recipients By Educational Cost


Educational Cost

Table 7-A
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY STUDENT AID INDEX AND EDUCATIONAL COST
ALL RECIPIENTS - AWARD YEAR 1987-88
EDUCATIONAL COST

| STUDENT AID INDEX |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { UNDER } \\ \$ 400 \end{gathered}$ | $\begin{gathered} \$ 400-5 \\ 1,500 \end{gathered}$ | $\begin{array}{r} \text { \$1,501 - } \\ \text { 1,800 } \end{array}$ | $\begin{gathered} \$ 1,801- \\ 2,100 \end{gathered}$ | $\begin{array}{r} \$ 2,101 \\ 2,400 \end{array}$ | $\begin{array}{r} \$ 2,401 \\ 2,700 \end{array}$ | $\begin{gathered} \$ 2,701 \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001- \\ 3,300 \end{gathered}$ | $\begin{array}{r} \$ 3,301 \\ 3,500 \end{array}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,500 \end{aligned}$ | TOTAL |
| 0 | 226 | 10,158 | 18,257 | 59,241 | 86,741 | 101,404 | 162,327 | 119,648 | 118,887 | 963,475 | 1,640,364 |
| R\% | 0.01 | 0.62 | 1.11 | 3.61 | 5.29 | 6.18 | 9.90 | 7.29 | 7.25 | 58.74 | 100.00 |
| C\% | 55.94 | 92.44 | 59.56 | 60.04 | 54.73 | 56.59 | 55.15 | 54.10 | 56.06 | 57.50 | 56.93 |
| 1-200 | 33 | 253 | 3,410 | 7,486 | 13,507 | 12,964 | 22,693 | 16,779 | 16,013 | 121,605 | 214,743 |
| R\% | 0.02 | 0.12 | 1.59 | 3.49 | 6.29 | 6.04 | 10.57 | 7.81 | 7.46 | 56.63 | 100.00 |
| C\% | 8.17 | 2.30 | 11.12 | 7.59 | 8.52 | 7.23 | 7.71 | 7.59 | 7.55 | 7.26 | 7.45 |
| 201-400 | 26 | 192 | 2,156 | 5,609 | 10,033 | 10,342 | 17,270 | 13,018 | 11,828 | 89,597 | 160,071 |
| R\% | 0.02 | 0.12 | 1.35 | 3.50 | 6.27 | 6.46 | 10.79 | 8.13 | 7.39 | 55.97 | 100.00 |
| C\% | 6.44 | 1.75 | 7.03 | 5.68 | 6.33 | 5.77 | 5.87 | 5.89 | 5.58 | 5.35 | 5.56 |
| 401-600 | 18 | 137 | 1,740 | 5,125 | 8,949 | 9,839 | 16,084 | 12,203 | 10,999 | 83,101 | 148,195 |
| R\% | 0.01 | 0.09 | 1.17 | 3.46 | 6.04 | 6.64 | 10.85 | 8.23 | 7.42 | 56.08 | 100.00 |
| C\% | 4.46 | 1.25 | 5.68 | 5.19 | 5.65 | 5.49 | 5.46 | 5.52 | 5.19 | 4.96 | 5.14 |
| 601-800 | 14 | 107 | 1,508 | 4,673 | 8,564 | 9,277 | 15,014 | 11,354 | 10,580 | 78,428 | 139,519 |
| R\% | 0.01 | 0.08 | 1.08 | 3.35 | 6.14 | 6.65 | 10.76 | 8.14 | 7.58 | 56.21 | 100.00 |
| C\% | 3.47 | 0.97 | 4.92 | 4.74 | 5.40 | 5.18 | 5.10 | 5.13 | 4.99 | 4.68 | 4.84 |
| 801-1,000 | 20 | 76 | 1,286 | 4,424 | 7,674 | 8,346 | 14,068 | 10,778 | 9,657 | 73,732 | 130,061 |
| R\% | 0.02 | 0.06 | 0.99 | 3.40 | 5.90 | 6.42 | 10.82 | 8.29 | 7.42 | 56.69 | 100.00 |
| C\% | 4.95 | 0.69 | 4.20 | 4.48 | 4.84 | 4.66 | 4.78 | 4.87 | 4.55 | 4.40 | 4.51 |
| 1,001-1,200 | 16 | 37 | 1,063 | 3,938 | 6,956 | 7,902 | 13,083 | 10,129 | 9,172 | 70,323 | 122,619 |
| R\% | 0.01 | 0.03 | 0.87 | 3.21 | 5.67 | 6.44 | 10.67 | 8.26 | 7.48 | 57.35 | 100.00 |
| C\% | 3.96 | 0.34 | 3.47 | 3.99 | 4.39 | 4.41 | 4.44 | 4.58 | 4.32 | 4.20 | 4.26 |
| 1,201-1,400 | 20 | 24 | 819 | 3,211 | 5,610 | 6,620 | 11,323 | 8,940 | 8,131 | 61,884 | 106,582 |
| R\% | 0.02 | 0.02 | 0.77 | 3.01 | 5.26 | 6.21 | 10.62 | 8.39 | 7.63 | 58.06 | 100.00 |
| C\% | 4.95 | 0.22 | 2.67 | 3.25 | 3.54 | 3.69 | 3.85 | 4.04 | 3.83 | 3.69 | 3.70 |
| 1,401-1,600 | 12 | 3 | 406 | 2,601 | 4,876 | 5,871 | 10,122 | 8,066 | 7,402 | 57,542 | 96,901 |
| R\% | 0.01 | 0.00 | 0.42 | 2.68 | 5.03 | 6.06 | 10.45 | 8.32 | 7.64 | 59.38 | 100.00 |
| C\% | 2.97 | 0.03 | 1.32 | 2.64 | 3.08 | 3.28 | 3.44 | 3.65 | 3.49 | 3.43 | 3.36 |
| 1,601-1,900 | 19 | 2 | 8 | 2,357 | 5,567 | 6,633 | 12,348 | 10,238 | 9,406 | 75,912 | 122,490 |
| R\% | 0.02 | 0.00 | 0.01 | 1.92 | 4.54 | 5.42 | 10.08 | 8.36 | 7.68 | 61.97 | 100.00 |
| C\% | 4.70 | 0.02 | 0.03 | 2.39 | 3.51 | 3.70 | 4.20 | 4.63 | 4.44 | 4.53 | 4.25 |
| TOTAL | 404 | 10,989 | 30,653 | 98,665 | 158,477 | 179,198 | 294,332 | 221,153 | 212,075 | 1,675,599 | 2,881,545 |
| R\% | 0.01 | 0.38 | 1.06 | 3.42 | 5.50 | 6.22 | 10.21 | 7.67 | 7.36 | 58.15 | 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 1987-88

|  | EDUCATIONAL COST |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STUDENT AID INDEX | $\begin{gathered} \text { UNDER } \\ \$ 400 \end{gathered}$ | $\begin{gathered} \$ 400- \\ 1,500 \end{gathered}$ | $\begin{gathered} \text { \$1,501 } \\ \text { 1,800 } \end{gathered}$ | $\begin{gathered} \$ 1,801- \\ 2,100 \end{gathered}$ | $\begin{gathered} \$ 2,101- \\ 2,400 \end{gathered}$ | $\begin{gathered} \$ 2,401- \\ 2,700 \end{gathered}$ | $\begin{gathered} \$ 2,701- \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001- \\ 3,300 \end{gathered}$ | $\begin{gathered} \$ 3,301 \\ 3,500 \end{gathered}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,500 \end{aligned}$ | TOTAL |
| 0 | 84 | 1,666 | 11,416 | 17,268 | 35,258 | 25,482 | 39,680 | 29,660 | 32,782 | 236,932 | 430,228 |
| R\% | 0.02 | 0.39 | 2.65 | 4.01 | 8.20 | 5.92 | 9.22 | 6.89 | 7.62 | 55.07 | 100.00 |
| C\% | 42.00 | 74.61 | 51.18 | 42.98 | 40.71 | 38.55 | 33.97 | 34.39 | 37.11 | 33.13 | 35.14 |
| 1-200 | 29 | 197 | 3,163 | 4,975 | 10,718 | 7,905 | 15,267 | 11,087 | 10,993 | 85,551 | 149,885 |
| R\% | 0.02 | 0.13 | 2.11 | 3.32 | 7.15 | 5.27 | 10.19 | 7.40 | 7.33 | 57.08 | 100.00 |
| C\% | 14.50 | 8.82 | 14.18 | 12.38 | 12.37 | 11.96 | 13.07 | 12.86 | 12.44 | 11.96 | 12.24 |
| 201-400 | 13 | 129 | 1,905 | 3,393 | 7,292 | 5,452 | 10,016 | 7,051 | 6,878 | 57,236 | 99,365 |
| R\% | 0.01 | 0.13 | 1.92 | 3.41 | 7.34 | 5.49 | 10.08 | 7.10 | 6.92 | 57.60 | 100.00 |
| C\% | 6.50 | 5.78 | 8.54 | 8.45 | 8.42 | 8.25 | 8.57 | 8.18 | 7.79 | 8.00 | 8.12 |
| 401-600 | 10 | 93 | 1,527 | 2,988 | 6,437 | 5,060 | 9,111 | 6,535 | 6,295 | 52,934 | 90,990 |
| R\% | 0.01 | 0.10 | 1.68 | 3.28 | 7.07 | 5.56 | 10.01 | 7.18 | 6.92 | 58.18 | 100.00 |
| C\% | 5.00 | 4.16 | 6.85 | 7.44 | 7.43 | 7.65 | 7.80 | 7.58 | 7.13 | 7.40 | 7.43 |
| 601-800 | 6 | 66 | 1,301 | 2,699 | 5,950 | 4,621 | 8,468 | 6,072 | 5,968 | 51,251 | 86,402 |
| R\% | 0.01 | 0.08 | 1.51 | 3.12 | 6.89 | 5.35 | 9.80 | 7.03 | 6.91 | 59.32 | 100.00 |
| C\% | 3.00 | 2.96 | 5.83 | 6.72 | 6.87 | 6.99 | 7.25 | 7.04 | 6.76 | 7.17 | 7.06 |
| 801-1,000 | 16 | 47 | 1,095 | 2,378 | 5,329 | 4,142 | 7,924 | 5,724 | 5,457 | 48,932 | 81,044 |
| R\% | 0.02 | 0.06 | 1.35 | 2.93 | 6.58 | 5.11 | 9.78 | 7.06 | 6.73 | 60.38 | 100.00 |
| C\% | 8.00 | 2.10 | 4.91 | 5.92 | 6.15 | 6.27 | 6.78 | 6.64 | 6.18 | 6.84 | 6.62 |
| 1,001-1,200 | 11 | 18 | 878 | 2,131 | 4,744 | 3,909 | 7,373 | 5,446 | 5,313 | 47,409 | 77,232 |
| R\% | 0.01 | 0.02 | 1.14 | 2.76 | 6.14 | 5.06 | 9.55 | 7.05 | 6.88 | 61.39 | 100.00 |
| C\% | 5.50 | 0.81 | 3.94 | 5.30 | 5.48 | 5.91 | 6.31 | 6.32 | 6.01 | 6.63 | 6.31 |
| 1,201-1,400 | 15 | 13 | 692 | 1,663 | 3,757 | 3,148 | 6,202 | 4,694 | 4,602 | 41,427 | 66,213 |
| R\% | 0.02 | 0.02 | 1.05 | 2.51 | 5.67 | 4.75 | 9.37 | 7.09 | 6.95 | 62.57 | 100.00 |
| C\% | 7.50 | 0.58 | 3.10 | 4.14 | 4.34 | 4.76 | 5.31 | 5.44 | 5.21 | 5.79 | 5.41 |
| 1,401-1,600 | 8 | 2 | 327 | 1,366 | 3,291 | 2,815 | 5,643 | 4,172 | 4,312 | 39,370 | 61,306 |
| R\% | 0.01 | 0.00 | 0.53 | 2.23 | 5.37 | 4.59 | 9.20 | 6.81 | 7.03 | 64.22 | 100.00 |
| C\% | 4.00 | 0.09 | 1.47 | 3.40 | 3.80 | 4.26 | 4.83 | 4.84 | 4.88 | 5.50 | 5.01 |
| 1,601-1,900 | 8 | 2 | 3 | 1,313 | 3,842 | 3,572 | 7,134 | 5,798 | 5,737 | 54,139 | 81,548 |
| R\% | 0.01 | 0.00 | 0.00 | 1.61 | 4.71 | 4.38 | 8.75 | 7.11 | 7.04 | 66.39 | 100.00 |
| C\% | 4.00 | 0.09 | 0.01 | 3.27 | 4.44 | 5.40 | 6.11 | 6.72 | 6.49 | 7.57 | 6.66 |
| TOTAL | 200 | 2,233 | 22,307 | 40,174 | 86,618 | 66,106 | 116,818 | 86,239 | 88,337 | 715,181 | 1,224,213 |
| R\% | 0.02 | 0.18 | 1.82 | 3.28 | 7.08 | 5.40 | 9.54 | 7.04 | 7.22 | 58.42 | 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 INDEPENDENT RECIPIENTS - AWARD YEAR 1987-88

|  | EDUCATIONAL COST |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STUDENT AID INDEX | $\begin{gathered} \text { UNDER } \\ \$ 400 \end{gathered}$ | $\begin{gathered} \$ 400- \\ 1,500 \end{gathered}$ | $\begin{gathered} \text { \$1,501 - } \\ \text { 1,800 } \end{gathered}$ | $\begin{gathered} \$ 1,801- \\ 2,100 \end{gathered}$ | $\begin{gathered} \$ 2,101- \\ 2,400 \end{gathered}$ | $\begin{gathered} \$ 2,401 \\ 2,700 \end{gathered}$ | $\begin{gathered} \$ 2,701- \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001- \\ 3,300 \end{gathered}$ | $\begin{gathered} \$ 3,301- \\ 3,500 \end{gathered}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,500 \end{aligned}$ | TOTAL |
| 0 | 142 | 8,492 | 6,841 | 41,973 | 51,483 | 75,922 | 122,647 | 89,988 | 86,105 | 726,543 | 1,210,136 |
| R\% | 0.01 | 0.70 | 0.57 | 3.47 | 4.25 | 6.27 | 10.13 | 7.44 | 7.12 | 60.04 | 100.00 |
| C\% | 69.61 | 96.98 | 81.97 | 71.76 | 71.64 | 67.13 | 69.09 | 66.70 | 69.59 | 75.65 | 73.02 |
| 1-200 | 4 | 56 | 247 | 2,511 | 2,789 | 5,059 | 7,426 | 5,692 | 5,020 | 36,054 | 64,858 |
| R\% | 0.01 | 0.09 | 0.38 | 3.87 | 4.30 | 7.80 | 11.45 | 8.78 | 7.74 | 55.59 | 100.00 |
| C\% | 1.96 | 0.64 | 2.96 | 4.29 | 3.88 | 4.47 | 4.18 | 4.22 | 4.06 | 3.75 | 3.91 |
| 201-400 | 13 | 63 | 251 | 2,216 | 2,741 | 4,890 | 7,254 | 5,967 | 4,950 | 32,361 | 60,706 |
| R\% | 0.02 | 0.10 | 0.41 | 3.65 | 4.52 | 8.06 | 11.95 | 9.83 | 8.15 | 53.31 | 100.00 |
| C\% | 6.37 | 0.72 | 3.01 | 3.79 | 3.81 | 4.32 | 4.09 | 4.42 | 4.00 | 3.37 | 3.66 |
| 401-600 | 8 | 44 | 213 | 2,137 | 2,512 | 4,779 | 6,973 | 5,668 | 4,704 | 30,167 | 57,205 |
| R\% | 0.01 | 0.08 | 0.37 | 3.74 | 4.39 | 8.35 | 12.19 | 9.91 | 8.22 | 52.73 | 100.00 |
| C\% | 3.92 | 0.50 | 2.55 | 3.65 | 3.50 | 4.23 | 3.93 | 4.20 | 3.80 | 3.14 | 3.45 |
| 601-800 | 8 | 41 | 207 | 1,974 | 2,614 | 4,656 | 6,546 | 5,282 | 4,612 | 27,177 | 53,117 |
| R\% | 0.02 | 0.08 | 0.39 | 3.72 | 4.92 | 8.77 | 12.32 | 9.94 | 8.68 | 51.16 | 100.00 |
| C\% | 3.92 | 0.47 | 2.48 | 3.37 | 3.64 | 4.12 | 3.69 | 3.92 | 3.73 | 2.83 | 3.20 |
| 801-1,000 | 4 | 29 | 191 | 2,046 | 2,345 | 4,204 | 6,144 | 5,054 | 4,200 | 24,800 | 49,017 |
| R\% | 0.01 | 0.06 | 0.39 | 4.17 | 4.78 | 8.58 | 12.53 | 10.31 | 8.57 | 50.59 | 100.00 |
| C\% | 1.96 | 0.33 | 2.29 | 3.50 | 3.26 | 3.72 | 3.46 | 3.75 | 3.39 | 2.58 | 2.96 |
| 1,001-1,200 | 5 | 19 | 185 | 1,807 | 2,212 | 3,993 | 5,710 | 4,683 | 3,859 | 22,914 | 45,387 |
| R\% | 0.01 | 0.04 | 0.41 | 3.98 | 4.87 | 8.80 | 12.58 | 10.32 | 8.50 | 50.49 | 100.00 |
| C\% | 2.45 | 0.22 | 2.22 | 3.09 | 3.08 | 3.53 | 3.22 | 3.47 | 3.12 | 2.39 | 2.74 |
| 1,201-1,400 | 5 | 11 | 127 | 1,548 | 1,853 | 3,472 | 5,121 | 4,246 | 3,529 | 20,457 | 40,369 |
| R\% | 0.01 | 0.03 | 0.31 | 3.83 | 4.59 | 8.60 | 12.69 | 10.52 | 8.74 | 50.68 | 100.00 |
| C\% | 2.45 | 0.13 | 1.52 | 2.65 | 2.58 | 3.07 | 2.88 | 3.15 | 2.85 | 2.13 | 2.44 |
| 1,401-1,600 | 4 | 1 | 79 | 1,235 | 1,585 | 3,056 | 4,479 | 3,894 | 3,090 | 18,172 | 35,595 |
| R\% | 0.01 | 0.00 | 0.22 | 3.47 | 4.45 | 8.59 | 12.58 | 10.94 | 8.68 | 51.05 | 100.00 |
| C\% | 1.96 | 0.01 | 0.95 | 2.11 | 2.21 | 2.70 | 2.52 | 2.89 | 2.50 | 1.89 | 2.15 |
| 1,601-1,900 | 11 | 0 | 5 | 1,044 | 1,725 | 3,061 | 5,214 | 4,440 | 3,669 | 21,773 | 40,942 |
| R\% | 0.03 | 0.00 | 0.01 | 2.55 | 4.21 | 7.48 | 12.74 | 10.84 | 8.96 | 53.18 | 100.00 |
| C\% | 5.39 | 0.00 | 0.06 | 1.78 | 2.40 | 2.71 | 2.94 | 3.29 | 2.97 | 2.27 | 2.47 |
| TOTAL | 204 | 8,756 | 8,346 | 58,491 | 71,859 | 113,092 | 177,514 | 134,914 | 123,738 | 960,418 | 1,657,332 |
| R\% | 0.01 | 0.53 | 0.50 | 3.53 | 4.34 | 6.82 | 10.71 | 8.14 | 7.47 | 57.95 | 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

# Distribution of Pell Grant Recipients By Family Income and Educational Cost 

Award Period 1987-88
8A - Total
8B - Dependent
8C - Independent

Tables 8A, 8B, and 8C 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 noticeable relationship between income and educational cost. Low cost schools attracted low income students at approximately the same rate as high income students. For example, 9.5 percent of all recipients with incomes of $\$ 6,000$ or less attended institutions where costs were $\$ 2,400$ or less. By comparison, 10 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, 67.3 percent of the $\$ 6,000$ or less income group had costs greater than $\$ 3,300$; 66.5 percent of re-
cipients with incomes greater than $\$ 15,000$ had costs above this level.

Tables 8B and 8C show that independents tended to be in the lower income and educational cost ranges more often and dependents were more often in the higher ranges. For example, 5.3 percent of all independents, compared with 2.8 percent of dependents, had educational costs of $\$ 2,400$ or less and incomes of $\$ 6,000$ or less. Only 3.5 percent of independents, compared with 28.5 percent of dependents, attended schools where costs were greater than $\$ 3,300$ and reported family incomes greater than $\$ 15,000$.

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

ALL RECIPIENTS - AWARD YEAR 1987-88
EDUCATIONAL COST

| FAMILY INCOME | $\begin{gathered} \text { UNDER } \\ \$ 400 \end{gathered}$ | $\begin{aligned} & \$ 400- \\ & 1,500 \end{aligned}$ | $\begin{gathered} \$ 1,501 \\ 1,800 \end{gathered}$ | $\begin{array}{r} \$ 1,801- \\ 2,100 \end{array}$ | $\begin{array}{r} \$ 2,101 \\ 2,400 \end{array}$ | $\begin{array}{r} \$ 2,401 \\ 2,700 \end{array}$ | $\begin{gathered} \$ 2,701 \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001 \\ 3,300 \end{gathered}$ | $\begin{gathered} \$ 3,301 \\ 3,500 \end{gathered}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,500 \end{aligned}$ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LESS THAN \$1,001 | 26 | 7,194 | 3,614 | 9,128 | 13,219 | 13,258 | 23,431 | 17,066 | 17,430 | 130,278 | 234,644 |
| R\% | 0.01 | 3.07 | 1.54 | 3.89 | 5.63 | 5.65 | 9.99 | 7.27 | 7.43 | 55.52 | 100.00 |
| C\% | 6.44 | 65.47 | 11.79 | 9.25 | 8.34 | 7.40 | 7.96 | 7.72 | 8.22 | 7.78 | 8.14 |
| \$1,001 - 3,000 | 39 | 856 | 2,354 | 10,830 | 16,977 | 22,209 | 30,620 | 23,887 | 24,157 | 213,783 | 345,712 |
| R\% | 0.01 | 0.25 | 0.68 | 3.13 | 4.91 | 6.42 | 8.86 | 6.91 | 6.99 | 61.84 | 100.00 |
| C\% | 9.65 | 7.79 | 7.68 | 10.98 | 10.71 | 12.39 | 10.40 | 10.80 | 11.39 | 12.76 | 12.00 |
| \$3,001 - 6,000 | 100 | 1,158 | 4,796 | 20,993 | 30,486 | 40,976 | 71,523 | 54,701 | 52,826 | 427,362 | 704,921 |
| R\% | 0.01 | 0.16 | 0.68 | 2.98 | 4.32 | 5.81 | 10.15 | 7.76 | 7.49 | 60.63 | 100.00 |
| C\% | 24.75 | 10.54 | 15.65 | 21.28 | 19.24 | 22.87 | 24.30 | 24.73 | 24.91 | 25.50 | 24.46 |
| \$6,001 - 9,000 | 81 | 696 | 5,569 | 19,399 | 25,806 | 28,518 | 51,085 | 36,366 | 34,965 | 254,225 | 456,710 |
| R\% | 0.02 | 0.15 | 1.22 | 4.25 | 5.65 | 6.24 | 11.19 | 7.96 | 7.66 | 55.66 | 100.00 |
| C\% | 20.05 | 6.33 | 18.17 | 19.66 | 16.28 | 15.91 | 17.36 | 16.44 | 16.49 | 15.17 | 15.85 |
| \$9,001 - 15,000 | 70 | 723 | 8,212 | 20,972 | 34,662 | 38,155 | 56,933 | 42,727 | 38,715 | 287,315 | 528,484 |
| $\mathrm{R} \%$ | 0.01 | 0.14 | 1.55 | 3.97 | 6.56 | 7.22 | 10.77 | 8.08 | 7.33 | 54.37 | 100.00 |
| C\% | 17.33 | 6.58 | 26.79 | 21.26 | 21.87 | 21.29 | 19.34 | 19.32 | 18.26 | 17.15 | 18.34 |
| \$15,001 - 20,000 | 41 | 225 | 3,648 | 9,626 | 19,180 | 19,888 | 31,692 | 23,913 | 21,942 | 170,861 | 301,016 |
| R\% | 0.01 | 0.07 | 1.21 | 3.20 | 6.37 | 6.61 | 10.53 | 7.94 | 7.29 | 56.76 | 100.00 |
| C\% | 10.15 | 2.05 | 11.90 | 9.76 | 12.10 | 11.10 | 10.77 | 10.81 | 10.35 | 10.20 | 10.45 |
| \$20,001 - 30,000 | 42 | 128 | 2,288 | 7,025 | 16,032 | 14,299 | 25,543 | 19,373 | 18,963 | 164,430 | 268,123 |
| R\% | 0.02 | 0.05 | 0.85 | 2.62 | 5.98 | 5.33 | 9.53 | 7.23 | 7.07 | 61.33 | 100.00 |
| C\% | 10.40 | 1.16 | 7.46 | 7.12 | 10.12 | 7.98 | 8.68 | 8.76 | 8.94 | 9.81 | 9.30 |
| \$30,001 + | 5 | 9 | 172 | 692 | 2,115 | 1,895 | 3,505 | 3,120 | 3,077 | 27,347 | 41,937 |
| R\% | 0.01 | 0.02 | 0.41 | 1.65 | 5.04 | 4.52 | 8.36 | 7.44 | 7.34 | 65.21 | 100.00 |
| C\% | 1.24 | 0.08 | 0.56 | 0.70 | 1.33 | 1.06 | 1.19 | 1.41 | 1.45 | 1.63 | 1.46 |
| TOTAL | 404 | 10,989 | 30,653 | 98,665 | 158,477 | 179,198 | 294,332 | 221,153 | 212,075 | 1,675,601 | 2,881,547 |
| R\% | 0.01 | 0.38 | 1.06 | 3.42 | 5.50 | 6.22 | 10.21 | 7.67 | 7.36 | 58.15 | 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 1987-88

EDUCATIONAL COST

| FAMILY INCOME | $\begin{gathered} \text { UNDER } \\ \$ 400 \end{gathered}$ | $\begin{gathered} \$ 400- \\ 1,500 \end{gathered}$ | $\begin{gathered} \$ 1,501- \\ 1,800 \end{gathered}$ | $\begin{gathered} \$ 1,801- \\ 2,100 \end{gathered}$ | $\begin{gathered} \$ 2,101 \\ 2,400 \end{gathered}$ | $\begin{gathered} \$ 2,401 \\ 2,700 \end{gathered}$ | $\begin{gathered} \$ 2,701 \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001 \\ 3,300 \end{gathered}$ | $\begin{gathered} \$ 3,301 \\ 3,500 \end{gathered}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,500 \end{aligned}$ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LESS THAN \$1,001 | 4 | 68 | 670 | 1,318 | 2,426 | 1,978 | 3,999 | 3,428 | 3,329 | 24,691 | 41,911 |
| R\% | 0.01 | 0.16 | 1.60 | 3.14 | 5.79 | 4.72 | 9.54 | 8.18 | 7.94 | 58.91 | 100.00 |
| C\% | 2.00 | 3.05 | 3.00 | 3.28 | 2.80 | 2.99 | 3.42 | 3.97 | 3.77 | 3.45 | 3.42 |
| \$1,001 - 3,000 | 11 | 269 | 1,018 | 2,512 | 4,775 | 3,732 | 4,623 | 4,661 | 5,043 | 34,228 | 60,872 |
| R\% | 0.02 | 0.44 | 1.67 | 4.13 | 7.84 | 6.13 | 7.59 | 7.66 | 8.28 | 56.23 | 100.00 |
| C\% | 5.50 | 12.05 | 4.56 | 6.25 | 5.51 | 5.65 | 3.96 | 5.40 | 5.71 | 4.79 | 4.97 |
| \$3,001 - 6,000 | 24 | 604 | 2,896 | 5,680 | 11,801 | 9,032 | 15,017 | 11,161 | 12,025 | 91,178 | 159,418 |
| R\% | 0.02 | 0.38 | 1.82 | 3.56 | 7.40 | 5.67 | 9.42 | 7.00 | 7.54 | 57.19 | 100.00 |
| C\% | 12.00 | 27.05 | 12.98 | 14.14 | 13.62 | 13.66 | 12.86 | 12.94 | 13.61 | 12.75 | 13.02 |
| \$6,001 - 9,000 | 40 | 448 | 4,538 | 5,872 | 12,667 | 8,799 | 15,954 | 11,001 | 12,000 | 88,740 | 160,059 |
| R\% | 0.02 | 0.28 | 2.84 | 3.67 | 7.91 | 5.50 | 9.97 | 6.87 | 7.50 | 55.44 | 100.00 |
| C\% | 20.00 | 20.06 | 20.34 | 14.62 | 14.62 | 13.31 | 13.66 | 12.76 | 13.58 | 12.41 | 13.07 |
| \$9,001 - 15,000 | 42 | 516 | 7,328 | 10,693 | 22,491 | 16,274 | 28,652 | 20,290 | 20,218 | 162,675 | 289,179 |
| R\% | 0.01 | 0.18 | 2.53 | 3.70 | 7.78 | 5.63 | 9.91 | 7.02 | 6.99 | 56.25 | 100.00 |
| C\% | 21.00 | 23.11 | 32.85 | 26.62 | 25.97 | 24.62 | 24.53 | 23.53 | 22.89 | 22.75 | 23.62 |
| \$15,001 - 20,000 | 36 | 195 | 3,425 | 6,853 | 15,058 | 11,679 | 21,521 | 14,993 | 14,993 | 129,343 | 218,096 |
| R\% | 0.02 | 0.09 | 1.57 | 3.14 | 6.90 | 5.35 | 9.87 | 6.87 | 6.87 | 59.31 | 100.00 |
| C\% | 18.00 | 8.73 | 15.35 | 17.06 | 17.38 | 17.67 | 18.42 | 17.39 | 16.97 | 18.09 | 17.82 |
| \$20,001 - 30,000 | 39 | 124 | 2,260 | 6,559 | 15,296 | 12,750 | 23,581 | 17,620 | 17,694 | 157,139 | 253,062 |
| $\mathrm{R} \%$ | 0.02 | 0.05 | 0.89 | 2.59 | 6.04 | 5.04 | 9.32 | 6.96 | 6.99 | 62.10 | 100.00 |
| C\% | 19.50 | 5.55 | 10.13 | 16.33 | 17.66 | 19.29 | 20.19 | 20.43 | 20.03 | 21.97 | 20.67 |
| \$30,001 + | 4 | 9 | 172 | 687 | 2,104 | 1,862 | 3,471 | 3,085 | 3,035 | 27,189 | 41,618 |
| R\% | 0.01 | 0.02 | 0.41 | 1.65 | 5.06 | 4.47 | 8.34 | 7.41 | 7.29 | 65.33 | 100.00 |
| C\% | 2.00 | 0.40 | 0.77 | 1.71 | 2.43 | 2.82 | 2.97 | 3.58 | 3.44 | 3.80 | 3.40 |
| TOTAL | 200 | 2,233 | 22,307 | 40,174 | 86,618 | 66,106 | 116,818 | 86,239 | 88,337 | 715,183 | 1,224,215 |
| R\% | 0.02 | 0.18 | 1.82 | 3.28 | 7.08 | 5.40 | 9.54 | 7.04 | 7.22 | 58.42 | 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 <br> BY FAMILY INCOME AND EDUCATIONAL COST INDEPENDENT RECIPIENTS - AWARD YEAR 1987-88

EDUCATIONAL COST

| FAMILY INCOME | $\begin{gathered} \text { UNDER } \\ \$ 400 \end{gathered}$ | $\begin{aligned} & \$ 400- \\ & 1,500 \end{aligned}$ | $\begin{gathered} \$ 1,501- \\ 1,800 \end{gathered}$ | $\begin{gathered} \$ 1,801 \\ 2,100 \end{gathered}$ | $\begin{gathered} \$ 2,101 \\ 2,400 \end{gathered}$ | $\begin{array}{r} \$ 2,401 \\ 2,700 \end{array}$ | $\begin{gathered} \$ 2,701 \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001 \\ 3,300 \end{gathered}$ | $\begin{gathered} \$ 3,301- \\ 3,500 \end{gathered}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,500 \end{aligned}$ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LESS THAN \$1,001 | 22 | 7,126 | 2,944 | 7,810 | 10,793 | 11,280 | 19,432 | 13,638 | 14,101 | 105,587 | 192,733 |
| R\% | 0.01 | 3.70 | 1.53 | 4.05 | 5.60 | 5.85 | 10.08 | 7.08 | 7.32 | 54.78 | 100.00 |
| C\% | 10.78 | 81.38 | 35.27 | 13.35 | 15.02 | 9.97 | 10.95 | 10.11 | 11.40 | 10.99 | 11.63 |
| \$1,001-3,000 | 28 | 587 | 1,336 | 8,318 | 12,202 | 18,477 | 25,997 | 19,226 | 19,114 | 179,555 | 284,840 |
| R\% | 0.01 | 0.21 | 0.47 | 2.92 | 4.28 | 6.49 | 9.13 | 6.75 | 6.71 | 63.04 | 100.00 |
| C\% | 13.73 | 6.70 | 16.01 | 14.22 | 16.98 | 16.34 | 14.65 | 14.25 | 15.45 | 18.70 | 17.19 |
| \$3,001 - 6,000 | 76 | 554 | 1,900 | 15,313 | 18,685 | 31,944 | 56,506 | 43,540 | 40,801 | 336,184 | 545,503 |
| R\% | 0.01 | 0.10 | 0.35 | 2.81 | 3.43 | 5.86 | 10.36 | 7.98 | 7.48 | 61.63 | 100.00 |
| C\% | 37.25 | 6.33 | 22.77 | 26.18 | 26.00 | 28.25 | 31.83 | 32.27 | 32.97 | 35.00 | 32.91 |
| \$6,001 - 9,000 | 41 | 248 | 1,031 | 13,527 | 13,139 | 19,719 | 35,131 | 25,365 | 22,965 | 165,485 | 296,651 |
| R\% | 0.01 | 0.08 | 0.35 | 4.56 | 4.43 | 6.65 | 11.84 | 8.55 | 7.74 | 55.78 | 100.00 |
| C\% | 20.10 | 2.83 | 12.35 | 23.13 | 18.28 | 17.44 | 19.79 | 18.80 | 18.56 | 17.23 | 17.90 |
| \$9,001 - 15,000 | 28 | 207 | 884 | 10,279 | 12,171 | 21,881 | 28,281 | 22,437 | 18,497 | 124,640 | 239,305 |
| R\% | 0.01 | 0.09 | 0.37 | 4.30 | 5.09 | 9.14 | 11.82 | 9.38 | 7.73 | 52.08 | 100.00 |
| C\% | 13.73 | 2.36 | 10.59 | 17.57 | 16.94 | 19.35 | 15.93 | 16.63 | 14.95 | 12.98 | 14.44 |
| \$15,001 - 20,000 | 5 | 30 | 223 | 2,773 | 4,122 | 8,209 | 10,171 | 8,920 | 6,949 | 41,518 | 82,920 |
| R\% | 0.01 | 0.04 | 0.27 | 3.34 | 4.97 | 9.90 | 12.27 | 10.76 | 8.38 | 50.07 | 100.00 |
| C\% | 2.45 | 0.34 | 2.67 | 4.74 | 5.74 | 7.26 | 5.73 | 6.61 | 5.62 | 4.32 | 5.00 |
| \$20,001 - 30,000 | 3 | 4 | 28 | 466 | 736 | 1,549 | 1,962 | 1,753 | 1,269 | 7,291 | 15,061 |
| R\% | 0.02 | 0.03 | 0.19 | 3.09 | 4.89 | 10.28 | 13.03 | 11.64 | 8.43 | 48.41 | 100.00 |
| C\% | 1.47 | 0.05 | 0.34 | 0.80 | 1.02 | 1.37 | 1.11 | 1.30 | 1.03 | 0.76 | 0.91 |
| \$30,001 + | 1 | 0 | 0 | 5 | 11 | 33 | 34 | 35 | 42 | 158 | 319 |
| R\% | 0.31 | 0.00 | 0.00 | 1.57 | 3.45 | 10.34 | 10.66 | 10.97 | 13.17 | 49.53 | 100.00 |
| C\% | 0.49 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 | 0.02 |
| TOTAL | 204 | 8,756 | 8,346 | 58,491 | 71,859 | 113,092 | 177,514 | 134,914 | 123,738 | 960,418 | 1,657,332 |
| R\% | 0.01 | 0.53 | 0.50 | 3.53 | 4.34 | 6.82 | 10.71 | 8.14 | 7.47 | 57.95 | 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 <br> Distribution of Pell Grant Recipients By Family Income and Asset Level 

Award Period 1987-88
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 equals the sum of the market value of the recipient's (for independents) or parent's (for dependents) home, real estate, investments, business, farm, cash, and savings, 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 parent's 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 1987-88, 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 level of the reserves ranged from $\$ 25,000$ for home assets to a total of $\$ 100,000$ for those reporting farm or business assets.

Table 9A shows that Pell Grants are directed toward students with few assets. In 1987-88, three of every four ( 77 percent) recipients reported net assets of $\$ 7,500$ or less (see Figure 7). As Tables 9B and 9C indicate, independents predominated in this low asset
group. In fact, 95 percent of all independents had net assets of $\$ 7,500$ or less; by comparison, 52 percent of dependent recipients were in this asset range. Only about one in nine recipients (11.3 percent) reported net assets that exceeded $\$ 25,000$. Approximately 93 percent of these students were dependent. Given the size of the asset reserves, and the fact that few had assets above $\$ 25,000$, reported assets rarely played a part in determining grant size in 1987-88.

A comparison with 1986-87 data indicates a slight shift in the distribution of recipients by asset level. A larger proportion of 1987-88 recipients reported net assets of $\$ 7,500$ or less ( 76.9 percent versus 75.6 percent); fewer had assets greater than $\$ 25,000$ (11.3 percent versus 11.4 percent).

The tables also show that Pell Grants are targeted toward recipients who report both low net assets and low family incomes. In 1987-88, 41 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 86 percent of this low asset and income group were independent.

Likewise, few students received grants who reported both a relatively large amount of net assets and income. Students with net assets over $\$ 25,000$ and income exceeding $\$ 15,000$ con-
stituted 5.3 percent of all Pell Grant recipients. Almost all of these recipients ( 97 percent) were dependent.

Figure 7
Distribution of Pell Grant Recipients By Net Assets
Award Period 1987-88


TABLE 9-A

## DISTRIBUTION OF PELL GRANT RECIPIENTS <br> BY FAMILY INCOME AND NET ASSET LEVEL <br> ALL RECIPIENTS - AWARD YEAR 1987-88

|  | 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 | 149,583 | 60,294 | 4,794 | 4,012 | 2,939 | 3,057 | 3,359 | 2,010 | 4,596 | 234,644 |
| R\% | 63.75 | 25.70 | 2.04 | 1.71 | 1.25 | 1.30 | 1.43 | 0.86 | 1.96 | 100.00 |
| C\% | 11.90 | 6.29 | 2.80 | 2.36 | 2.40 | 3.02 | 5.36 | 9.59 | 25.15 | 8.14 |
| \$1,001 - 3,000 | 219,550 | 100,853 | 9,039 | 5,654 | 3,062 | 2,608 | 2,221 | 1,058 | 1,667 | 345,712 |
| R\% | 63.51 | 29.17 | 2.61 | 1.64 | 0.89 | 0.75 | 0.64 | 0.31 | 0.48 | 100.00 |
| C\% | 17.47 | 10.52 | 5.28 | 3.33 | 2.50 | 2.58 | 3.55 | 5.05 | 9.12 | 12.00 |
| \$3,001 - 6,000 | 408,193 | 232,625 | 21,379 | 15,349 | 8,949 | 7,320 | 5,759 | 2,428 | 2,919 | 704,921 |
| R\% | 57.91 | 33.00 | 3.03 | 2.18 | 1.27 | 1.04 | 0.82 | 0.34 | 0.41 | 100.00 |
| C\% | 32.48 | 24.26 | 12.49 | 9.05 | 7.31 | 7.24 | 9.19 | 11.58 | 15.97 | 24.46 |
| \$6,001 - 9,000 | 208,310 | 170,585 | 22,552 | 18,916 | 11,952 | 10,598 | 7,949 | 2,989 | 2,859 | 456,710 |
| R\% | 45.61 | 37.35 | 4.94 | 4.14 | 2.62 | 2.32 | 1.74 | 0.65 | 0.63 | 100.00 |
| C\% | 16.58 | 17.79 | 13.18 | 11.15 | 9.77 | 10.49 | 12.69 | 14.25 | 15.65 | 15.85 |
| \$9,001 - 15,000 | 167,161 | 198,446 | 42,251 | 40,148 | 28,633 | 25,868 | 17,151 | 5,400 | 3,426 | 528,484 |
| $\mathrm{R} \%$ | 31.63 | 37.55 | 7.99 | 7.60 | 5.42 | 4.89 | 3.25 | 1.02 | 0.65 | 100.00 |
| C\% | 13.30 | 20.70 | 24.69 | 23.66 | 23.40 | 25.59 | 27.38 | 25.75 | 18.75 | 18.34 |
| \$15,001 - 20,000 | 62,834 | 108,896 | 30,907 | 33,238 | 25,887 | 22,436 | 11,922 | 3,382 | 1,514 | 301,016 |
| R\% | 20.87 | 36.18 | 10.27 | 11.04 | 8.60 | 7.45 | 3.96 | 1.12 | 0.50 | 100.00 |
| C\% | 5.00 | 11.36 | 18.06 | 19.59 | 21.16 | 22.20 | 19.03 | 16.13 | 8.28 | 10.45 |
| \$20,001 - 30,000 | 37,339 | 78,035 | 34,546 | 43,723 | 33,910 | 24,226 | 11,982 | 3,208 | 1,154 | 268,123 |
| R\% | 13.93 | 29.10 | 12.88 | 16.31 | 12.65 | 9.04 | 4.47 | 1.20 | 0.43 | 100.00 |
| C\% | 2.97 | 8.14 | 20.19 | 25.77 | 27.71 | 23.97 | 19.13 | 15.30 | 6.31 | 9.30 |
| \$30,001 + | 3,629 | 9,132 | 5,651 | 8,613 | 7,026 | 4,960 | 2,292 | 495 | 139 | 41,937 |
| R\% | 8.65 | 21.78 | 13.47 | 20.54 | 16.75 | 11.83 | 5.47 | 1.18 | 0.33 | 100.00 |
| C\% | 0.29 | 0.95 | 3.30 | 5.08 | 5.74 | 4.91 | 3.66 | 2.36 | 0.76 | 1.46 |
| TOTAL | 1,256,599 | 958,866 | 171,119 | 169,653 | 122,358 | 101,073 | 62,635 | 20,970 | 18,274 | 2,881,547 |
| R\% | 43.61 | 33.28 | 5.94 | 5.89 | 4.25 | 3.51 | 2.17 | 0.73 | 0.63 | 100.00 |
| C\% | 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 <br> BY FAMILY INCOME AND NET ASSET LEVEL DEPENDENT RECIPIENTS - AWARD YEAR 1987-88

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 | 15,306 | 6,681 | 2,648 | 2,856 | 2,399 | 2,668 | 3,030 | 1,896 | 4,427 | 41,911 |
| R\% | 36.52 | 15.94 | 6.32 | 6.81 | 5.72 | 6.37 | 7.23 | 4.52 | 10.56 | 100.00 |
| C\% | 4.47 | 2.23 | 1.97 | 1.96 | 2.17 | 2.84 | 5.13 | 9.43 | 25.07 | 3.42 |
| \$1,001 - 3,000 | 30,813 | 10,586 | 5,962 | 4,293 | 2,470 | 2,192 | 1,973 | 975 | 1,608 | 60,872 |
| R\% | 50.62 | 17.39 | 9.79 | 7.05 | 4.06 | 3.60 | 3.24 | 1.60 | 2.64 | 100.00 |
| C\% | 9.00 | 3.53 | 4.43 | 2.94 | 2.23 | 2.33 | 3.34 | 4.85 | 9.10 | 4.97 |
| \$3,001 - 6,000 | 78,897 | 29,066 | 15,761 | 11,971 | 7,300 | 6,252 | 5,102 | 2,274 | 2,795 | 159,418 |
| R\% | 49.49 | 18.23 | 9.89 | 7.51 | 4.58 | 3.92 | 3.20 | 1.43 | 1.75 | 100.00 |
| C\% | 23.05 | 9.69 | 11.71 | 8.21 | 6.60 | 6.65 | 8.65 | 11.31 | 15.82 | 13.02 |
| \$6,001 - 9,000 | 61,451 | 35,840 | 16,376 | 14,719 | 9,871 | 9,112 | 7,134 | 2,825 | 2,731 | 160,059 |
| R\% | 38.39 | 22.39 | 10.23 | 9.20 | 6.17 | 5.69 | 4.46 | 1.76 | 1.71 | 100.00 |
| C\% | 17.95 | 11.95 | 12.17 | 10.09 | 8.92 | 9.69 | 12.09 | 14.05 | 15.46 | 13.07 |
| \$9,001 - 15,000 | 77,687 | 75,951 | 30,722 | 32,261 | 24,525 | 23,473 | 16,078 | 5,151 | 3,331 | 289,179 |
| R\% | 26.86 | 26.26 | 10.62 | 11.16 | 8.48 | 8.12 | 5.56 | 1.78 | 1.15 | 100.00 |
| C\% | 22.70 | 25.31 | 22.83 | 22.11 | 22.17 | 24.96 | 27.24 | 25.63 | 18.86 | 23.62 |
| \$15,001 - 20,000 | 40,560 | 62,260 | 24,630 | 28,925 | 23,862 | 21,505 | 11,566 | 3,305 | 1,483 | 218,096 |
| R\% | 18.60 | 28.55 | 11.29 | 13.26 | 10.94 | 9.86 | 5.30 | 1.52 | 0.68 | 100.00 |
| C\% | 11.85 | 20.75 | 18.31 | 19.83 | 21.57 | 22.86 | 19.60 | 16.44 | 8.40 | 17.82 |
| \$20,001 - 30,000 | 33,980 | 70,633 | 32,850 | 42,298 | 33,212 | 23,911 | 11,847 | 3,182 | 1,149 | 253,062 |
| $\mathrm{R} \%$ | 13.43 | 27.91 | 12.98 | 16.71 | 13.12 | 9.45 | 4.68 | 1.26 | 0.45 | 100.00 |
| C\% | 9.93 | 23.54 | 24.41 | 28.99 | 30.02 | 25.42 | 20.07 | 15.83 | 6.51 | 20.67 |
| \$30,001 + | 3,584 | 9,016 | 5,601 | 8,566 | 6,990 | 4,946 | 2,284 | 493 | 138 | 41,618 |
| R\% | 8.61 | 21.66 | 13.46 | 20.58 | 16.80 | 11.88 | 5.49 | 1.18 | 0.33 | 100.00 |
| C\% | 1.05 | 3.01 | 4.16 | 5.87 | 6.32 | 5.26 | 3.87 | 2.45 | 0.78 | 3.40 |
| TOTAL | 342,278 | 300,033 | 134,550 | 145,889 | 110,629 | 94,059 | 59,014 | 20,101 | 17,662 | 1,224,215 |
| R\% | 27.96 | 24.51 | 10.99 | 11.92 | 9.04 | 7.68 | 4.82 | 1.64 | 1.44 | 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 1987-88

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 | 134,277 | 53,613 | 2,146 | 1,156 | 540 | 389 | 329 | 114 | 169 | 192,733 |
| R\% | 69.67 | 27.82 | 1.11 | 0.60 | 0.28 | 0.20 | 0.17 | 0.06 | 0.09 | 100.00 |
| C\% | 14.69 | 8.14 | 5.87 | 4.86 | 4.60 | 5.55 | 9.09 | 13.12 | 27.61 | 11.63 |
| \$1,001 - 3,000 | 188,737 | 90,267 | 3,077 | 1,361 | 592 | 416 | 248 | 83 | 59 | 284,840 |
| R\% | 66.26 | 31.69 | 1.08 | 0.48 | 0.21 | 0.15 | 0.09 | 0.03 | 0.02 | 100.00 |
| C\% | 20.64 | 13.70 | 8.41 | 5.73 | 5.05 | 5.93 | 6.85 | 9.55 | 9.64 | 17.19 |
| \$3,001 - 6,000 | 329,296 | 203,559 | 5,618 | 3,378 | 1,649 | 1,068 | 657 | 154 | 124 | 545,503 |
| $\mathrm{R} \%$ | 60.37 | 37.32 | 1.03 | 0.62 | 0.30 | 0.20 | 0.12 | 0.03 | 0.02 | 100.00 |
| C\% | 36.02 | 30.90 | 15.36 | 14.21 | 14.06 | 15.23 | 18.14 | 17.72 | 20.26 | 32.91 |
| \$6,001 - 9,000 | 146,859 | 134,745 | 6,176 | 4,197 | 2,081 | 1,486 | 815 | 164 | 128 | 296,651 |
| R\% | 49.51 | 45.42 | 2.08 | 1.41 | 0.70 | 0.50 | 0.27 | 0.06 | 0.04 | 100.00 |
| C\% | 16.06 | 20.45 | 16.89 | 17.66 | 17.74 | 21.19 | 22.51 | 18.87 | 20.92 | 17.90 |
| \$9,001 - 15,000 | 89,474 | 122,495 | 11,529 | 7,887 | 4,108 | 2,395 | 1,073 | 249 | 95 | 239,305 |
| R\% | 37.39 | 51.19 | 4.82 | 3.30 | 1.72 | 1.00 | 0.45 | 0.10 | 0.04 | 100.00 |
| C\% | 9.79 | 18.59 | 31.53 | 33.19 | 35.02 | 34.15 | 29.63 | 28.65 | 15.52 | 14.44 |
| \$15,001 - 20,000 | 22,274 | 46,636 | 6,277 | 4,313 | 2,025 | 931 | 356 | 77 | 31 | 82,920 |
| R\% | 26.86 | 56.24 | 7.57 | 5.20 | 2.44 | 1.12 | 0.43 | 0.09 | 0.04 | 100.00 |
| C\% | 2.44 | 7.08 | 17.16 | 18.15 | 17.26 | 13.27 | 9.83 | 8.86 | 5.07 | 5.00 |
| \$20,001 - 30,000 | 3,359 | 7,402 | 1,696 | 1,425 | 698 | 315 | 135 | 26 | 5 | 15,061 |
| R\% | 22.30 | 49.15 | 11.26 | 9.46 | 4.63 | 2.09 | 0.90 | 0.17 | 0.03 | 100.00 |
| C\% | 0.37 | 1.12 | 4.64 | 6.00 | 5.95 | 4.49 | 3.73 | 2.99 | 0.82 | 0.91 |
| \$30,001 + | 45 | 116 | 50 | 47 | 36 | 14 | 8 | 2 | 1 | 319 |
| R\% | 14.11 | 36.36 | 15.67 | 14.73 | 11.29 | 4.39 | 2.51 | 0.63 | 0.31 | 100.00 |
| C\% | 0.00 | 0.02 | 0.14 | 0.20 | 0.31 | 0.20 | 0.22 | 0.23 | 0.16 | 0.02 |
| TOTAL | 914,321 | 658,833 | 36,569 | 23,764 | 11,729 | 7,014 | 3,621 | 869 | 612 | 1,657,332 |
| R\% | 55.17 | 39.75 | 2.21 | 1.43 | 0.71 | 0.42 | 0.22 | 0.05 | 0.04 | 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 1987-88<br>10A - Total<br>10B - Dependent<br>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 10B and 10C provide the same breakout for dependents and independents, respectively.

As the data in Table 10B suggests, beginning in 1987-88, students who are 24 years and older were automatically considered independent. However, some students who are less than 24 years old will appear as independent since financial aid administrators were also given the ability to override dependency status based on unusual circumstances.

The dependent recipients in the age 40 and over category in Table 10C are most likely due to an error in entry of the date of birth.

A comparison with 1986-87 data, indicates that Pell Grants were awarded to an older student population in 1987-88. Table 10A shows that 56 percent of all recipients were 23 years or younger and 30 percent 27 years or older in

1987-88. This represents a slight shift from the previous year when 58 percent were in the younger age group and 29 percent in the older group.

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 large family incomes. Older recipients, all of whom are independent, tended to have less family income. For example, 32 percent of the 23 years and younger group and 7 percent of the over 24 group had family incomes over $\$ 15,000$. Approximately 34 percent of the 23 years and younger group and 58 percent of the over 24 group 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 1987-88

FAMILY INCOME

| AGE |  | $\begin{aligned} & \text { LESS THAN } \\ & \$ 1,001 \end{aligned}$ | $\begin{gathered} \$ 1,001- \\ 3,000 \end{gathered}$ | $\begin{array}{r} \$ 3,001- \\ 6,000 \end{array}$ | $\begin{gathered} \$ 6,001- \\ 9,000 \end{gathered}$ | $\begin{gathered} \$ 9,001- \\ 15,000 \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 20,000 \end{gathered}$ | $\begin{gathered} \$ 20,001- \\ 30,000 \end{gathered}$ | \$30,001+ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UNDER 17 |  | 227 | 456 | 932 | 814 | 902 | 476 | 472 | 68 | 4,347 |
|  | R\% | 5.2 | 10.5 | 21.4 | 18.7 | 20.7 | 11.0 | 10.9 | 1.6 | 100.0 |
|  | C\% | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 17 |  | 1,313 | 1,700 | 3,818 | 2,668 | 3,084 | 1,575 | 1,560 | 224 | 15,942 |
|  | R\% | 8.2 | 10.7 | 23.9 | 16.7 | 19.3 | 9.9 | 9.8 | 1.4 | 100.0 |
|  | C\% | 0.6 | 0.5 | 0.5 | 0.6 | 0.6 | 0.5 | 0.6 | 0.5 | 0.6 |
| 18 |  | 8,717 | 11,408 | 25,188 | 22,313 | 38,707 | 29,953 | 35,844 | 5,328 | 177,458 |
|  | R\% | 4.9 | 6.4 | 14.2 | 12.6 | 21.8 | 16.9 | 20.2 | 3.0 | 100.0 |
|  | C\% | 3.7 | 3.3 | 3.6 | 4.9 | 7.3 | 10.0 | 13.4 | 12.7 | 6.2 |
| 19 |  | 18,997 | 25,618 | 52,613 | 44,360 | 79,134 | 60,465 | 71,600 | 10,299 | 363,086 |
|  | R\% | 5.2 | 7.1 | 14.5 | 12.2 | 21.8 | 16.7 | 19.7 | 2.8 | 100.0 |
|  | C\% | 8.1 | 7.4 | 7.5 | 9.7 | 15.0 | 20.1 | 26.7 | 24.6 | 12.6 |
| 20 |  | 18,310 | 28,854 | 57,822 | 43,301 | 69,803 | 49,119 | 55,971 | 9,177 | 332,357 |
|  | R\% | 5.5 | 8.7 | 17.4 | 13.0 | 21.0 | 14.8 | 16.8 | 2.8 | 100.0 |
|  | C\% | 7.8 | 8.3 | 8.2 | 9.5 | 13.2 | 16.3 | 20.9 | 21.9 | 11.5 |
| 21 |  | 16,382 | 27,226 | 60,554 | 41,393 | 58,009 | 39,428 | 43,217 | 7,893 | 294,102 |
|  | R\% | 5.6 | 9.3 | 20.6 | 14.1 | 19.7 | 13.4 | 14.7 | 2.7 | 100.0 |
|  | C\% | 7.0 | 7.9 | 8.6 | 9.1 | 11.0 | 13.1 | 16.1 | 18.8 | 10.2 |
| 22 |  | 14,677 | 25,266 | 60,819 | 39,596 | 45,945 | 28,434 | 28,470 | 5,469 | 248,676 |
|  | R\% | 5.9 | 10.2 | 24.5 | 15.9 | 18.5 | 11.4 | 11.4 | 2.2 | 100.0 |
|  | C\% | 6.3 | 7.3 | 8.6 | 8.7 | 8.7 | 9.4 | 10.6 | 13.0 | 8.6 |
| 23 |  | 11,526 | 21,395 | 53,974 | 33,141 | 32,457 | 16,926 | 13,810 | 2,614 | 185,843 |
|  | R\% | 6.2 | 11.5 | 29.0 | 17.8 | 17.5 | 9.1 | 7.4 | 1.4 | 100.0 |
|  | C\% | 4.9 | 6.2 | 7.7 | 7.3 | 6.1 | 5.6 | 5.2 | 6.2 | 6.4 |
| 24 |  | 18,721 | 27,782 | 50,714 | 26,917 | 18,574 | 7,370 | 3,046 | 547 | 153,671 |
|  | R\% | 12.2 | 18.1 | 33.0 | 17.5 | 12.1 | 4.8 | 2.0 | 0.4 | 100.0 |
|  | C\% | 8.0 | 8.0 | 7.2 | 5.9 | 3.5 | 2.4 | 1.1 | 1.3 | 5.3 |
| 25 |  | 18,797 | 25,960 | 43,163 | 22,246 | 13,890 | 4,564 | 454 | 4 | 129,078 |
|  | R\% | 14.6 | 20.1 | 33.4 | 17.2 | 10.8 | 3.5 | 0.4 | 0.0 | 100.0 |
|  | C\% | 8.0 | 7.5 | 6.1 | 4.9 | 2.6 | 1.5 | 0.2 | 0.0 | 4.5 |
| 26 |  | 13,944 | 20,193 | 34,963 | 18,795 | 13,296 | 4,720 | 446 | 1 | 106,358 |
|  | R\% | 13.1 | 19.0 | 32.9 | 17.7 | 12.5 | 4.4 | 0.4 | 0.0 | 100.0 |
|  | C\% | 5.9 | 5.8 | 5.0 | 4.1 | 2.5 | 1.6 | 0.2 | 0.0 | 3.7 |
| 27 |  | 11,511 | 16,303 | 30,224 | 16,644 | 12,835 | 4,492 | 596 | 2 | 92,607 |
|  | R\% | 12.4 | 17.6 | 32.6 | 18.0 | 13.9 | 4.9 | 0.6 | 0.0 | 100.0 |
|  | C\% | 4.9 | 4.7 | 4.3 | 3.6 | 2.4 | 1.5 | 0.2 | 0.0 | 3.2 |
| 28 |  | 9,684 | 13,770 | 26,054 | 14,716 | 12,309 | 4,581 | 613 | 0 | 81,727 |
|  | R\% | 11.8 | 16.8 | 31.9 | 18.0 | 15.1 | 5.6 | 0.8 | 0.0 | 100.0 |
|  | C\% | 4.1 | 4.0 | 3.7 | 3.2 | 2.3 | 1.5 | 0.2 | 0.0 | 2.8 |
| 29 |  | 8,314 | 11,967 | 23,352 | 13,633 | 11,762 | 4,489 | 641 | 2 | 74,160 |
|  | R\% | 11.2 | 16.1 | 31.5 | 18.4 | 15.9 | 6.1 | 0.9 | 0.0 | 100.0 |
|  | C\% | 3.5 | 3.5 | 3.3 | 3.0 | 2.2 | 1.5 | 0.2 | 0.0 | 2.6 |
| 30 |  | 7,396 | 10,743 | 21,420 | 12,632 | 11,597 | 4,443 | 753 | 2 | 68,986 |
|  | R\% | 10.7 | 15.6 | 31.0 | 18.3 | 16.8 | 6.4 | 1.1 | 0.0 | 100.0 |
|  | C\% | 3.2 | 3.1 | 3.0 | 2.8 | 2.2 | 1.5 | 0.3 | 0.0 | 2.4 |
| 31-40 |  | 41,670 | 57,593 | 120,340 | 79,011 | 80,242 | 30,638 | 7,217 | 116 | 416,827 |
|  | R\% | 10.0 | 13.8 | 28.9 | 19.0 | 19.3 | 7.4 | 1.7 | 0.0 | 100.0 |
|  | C\% | 17.8 | 16.7 | 17.1 | 17.3 | 15.2 | 10.2 | 2.7 | 0.3 | 14.5 |
| OVER 40 |  | 14,458 | 19,478 | 38,971 | 24,530 | 25,938 | 9,343 | 3,413 | 191 | 136,322 |
|  | R\% | 10.6 | 14.3 | 28.6 | 18.0 | 19.0 | 6.9 | 2.5 | 0.1 | 100.0 |
|  | C\% | 6.2 | 5.6 | 5.5 | 5.4 | 4.9 | 3.1 | 1.3 | 0.5 | 4.7 |
| UNKNOWN |  | 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 |
| TOTAL |  | 234,644 | 345,712 | 704,921 | 456,710 | 528,484 | 301,016 | 268,123 | 41,937 | 2,881,547 |
|  | R\% | 8.1 | 12.0 | 24.5 | 15.8 | 18.3 | 10.4 | 9.3 | 1.5 | 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 1987-88

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 |  | 46 | 338 | 836 | 790 | 888 | 476 | 472 | 68 | 3,914 |
|  | R\% | 1.2 | 8.6 | 21.4 | 20.2 | 22.7 | 12.2 | 12.1 | 1.7 | 100.0 |
|  | C\% | 0.1 | 0.6 | 0.5 | 0.5 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 |
| 17 |  | 273 | 928 | 2,963 | 2,512 | 3,014 | 1,571 | 1,559 | 224 | 13,044 |
|  | R\% | 2.1 | 7.1 | 22.7 | 19.3 | 23.1 | 12.0 | 12.0 | 1.7 | 100.0 |
|  | C\% | 0.7 | 1.5 | 1.9 | 1.6 | 1.0 | 0.7 | 0.6 | 0.5 | 1.1 |
| 18 |  | 4,276 | 7,035 | 20,394 | 21,249 | 38,179 | 29,889 | 35,840 | 5,328 | 162,190 |
|  | R\% | 2.6 | 4.3 | 12.6 | 13.1 | 23.5 | 18.4 | 22.1 | 3.3 | 100.0 |
|  | C\% | 10.2 | 11.6 | 12.8 | 13.3 | 13.2 | 13.7 | 14.2 | 12.8 | 13.2 |
| 19 |  | 10,373 | 14,311 | 38,647 | 40,815 | 76,811 | 60,115 | 71,593 | 10,299 | 322,964 |
|  | R\% | 3.2 | 4.4 | 12.0 | 12.6 | 23.8 | 18.6 | 22.2 | 3.2 | 100.0 |
|  | C\% | 24.8 | 23.5 | 24.2 | 25.5 | 26.6 | 27.6 | 28.3 | 24.7 | 26.4 |
| 20 |  | 9,536 | 13,514 | 34,753 | 35,315 | 64,518 | 48,033 | 55,944 | 9,177 | 270,790 |
|  | R\% | 3.5 | 5.0 | 12.8 | 13.0 | 23.8 | 17.7 | 20.7 | 3.4 | 100.0 |
|  | C\% | 22.8 | 22.2 | 21.8 | 22.1 | 22.3 | 22.0 | 22.1 | 22.1 | 22.1 |
| 21 |  | 7,904 | 10,649 | 27,196 | 26,860 | 48,929 | 37,304 | 43,130 | 7,893 | 209,865 |
|  | R\% | 3.8 | 5.1 | 13.0 | 12.8 | 23.3 | 17.8 | 20.6 | 3.8 | 100.0 |
|  | C\% | 18.9 | 17.5 | 17.1 | 16.8 | 16.9 | 17.1 | 17.0 | 19.0 | 17.1 |
| 22 R |  | 5,614 | 7,831 | 19,317 | 18,782 | 33,785 | 25,126 | 28,292 | 5,469 | 144,216 |
|  | R\% | 3.9 | 5.4 | 13.4 | 13.0 | 23.4 | 17.4 | 19.6 | 3.8 | 100.0 |
|  | C\% | 13.4 | 12.9 | 12.1 | 11.7 | 11.7 | 11.5 | 11.2 | 13.1 | 11.8 |
| 23 |  | 3,107 | 4,893 | 11,987 | 10,985 | 18,600 | 12,749 | 13,544 | 2,614 | 78,479 |
|  | R\% | 4.0 | 6.2 | 15.3 | 14.0 | 23.7 | 16.2 | 17.3 | 3.3 | 100.0 |
|  | C\% | 7.4 | 8.0 | 7.5 | 6.9 | 6.4 | 5.8 | 5.4 | 6.3 | 6.4 |
| 24 |  | 782 | 1,367 | 3,308 | 2,739 | 4,437 | 2,827 | 2,677 | 546 | 18,683 |
|  | R\% | 4.2 | 7.3 | 17.7 | 14.7 | 23.7 | 15.1 | 14.3 | 2.9 | 100.0 |
|  | C\% | 1.9 | 2.2 | 2.1 | 1.7 | 1.5 | 1.3 | 1.1 | 1.3 | 1.5 |
| 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 R |  | 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 R |  | 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 R |  | 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 |
| 30R <br>  <br>  <br>  <br> C |  | 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 | 6 | 17 | 12 | 18 | 6 | 11 | 0 | 70 |
|  | R\% | 0.0 | 8.6 | 24.3 | 17.1 | 25.7 | 8.6 | 15.7 | 0.0 | 100.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| UNKNOWN |  | 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 |
| TOTAL |  | 41,911 | 60,872 | 159,418 | 160,059 | 289,179 | 218,096 | 253,062 | 41,618 | 1,224,215 |
|  | R\% | 3.4 | 5.0 | 13.0 | 13.1 | 23.6 | 17.8 | 20.7 | 3.4 | 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 1987-88


## CHAPTER 3

## MISCELLANEOUS

## Award Period 1987-88

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

Award Period 1987-88

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) 1986 taxable and nontaxable income, minus the amount of 1986 Federal taxes paid. Dependent recipients who did not report any 1986 earnings--about 51 percent of all depen-dents-are not included in the table.

Few dependents reported a large amount of earnings. For example, only one in five ( 20 percent) of the dependent recipients included in Table 11 had earnings that exceeded $\$ 4,000$ in 1986. More than one half ( 60 percent) of all dependents who reported income had earnings
between $\$ 1,000$ and $\$ 4,000$ (see Figure 8 below).

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, of the 512,776 dependent recipients whose parents had incomes greater than $\$ 15,000,56$ percent reported earnings in 1986 (and therefore are included in Table 11). Of the 262,201 dependents with family incomes of $\$ 6,000$ and less, 40 percent 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 1987-88

| 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 | 2,046 | 2,773 | 2,606 | 2,340 | 4,609 | 2,297 | 1,923 | 1,921 | 473 | 207 | 21,195 |
| R\% | 9.65 | 13.08 | 12.30 | 11.04 | 21.75 | 10.84 | 9.07 | 9.06 | 2.23 | 0.98 | 100.00 |
| C\% | 4.39 | 3.87 | 3.59 | 3.30 | 3.23 | 3.15 | 3.48 | 4.03 | 0.00 | 3.94 | 3.56 |
| \$1,001 - 3,000 | 2,111 | 3,068 | 3,024 | 2,912 | 5,178 | 2,536 | 2,002 | 2,046 | 490 | 202 | 23,569 |
| R\% | 8.96 | 13.02 | 12.83 | 12.36 | 21.97 | 10.76 | 8.49 | 8.68 | 2.08 | 0.86 | 100.00 |
| C\% | 4.53 | 4.29 | 4.16 | 4.11 | 3.63 | 3.48 | 3.62 | 4.29 | 0.00 | 3.84 | 3.95 |
| \$3,001 - 6,000 | 5,216 | 7,789 | 7,232 | 6,650 | 12,672 | 6,922 | 5,564 | 5,777 | 1,265 | 432 | 59,519 |
| R\% | 8.76 | 13.09 | 12.15 | 11.17 | 21.29 | 11.63 | 9.35 | 9.71 | 2.13 | 0.73 | 100.00 |
| C\% | 11.19 | 10.88 | 9.95 | 9.39 | 8.88 | 9.49 | 10.07 | 12.12 | 0.00 | 8.22 | 9.99 |
| \$6,001 - 9,000 | 5,385 | 8,259 | 8,006 | 7,342 | 14,663 | 7,791 | 6,315 | 6,672 | 1,529 | 450 | 66,412 |
| R\% | 8.11 | 12.44 | 12.06 | 11.06 | 22.08 | 11.73 | 9.51 | 10.05 | 2.30 | 0.68 | 100.00 |
| C\% | 11.55 | 11.54 | 11.01 | 10.36 | 10.28 | 10.68 | 11.42 | 13.99 | 0.00 | 8.56 | 11.14 |
| \$9,001 - 15,000 | 10,438 | 16,607 | 16,685 | 16,238 | 32,963 | 17,259 | 14,317 | 12,030 | 2,663 | 1,502 | 140,702 |
| R\% | 7.42 | 11.80 | 11.86 | 11.54 | 23.43 | 12.27 | 10.18 | 8.55 | 1.89 | 1.07 | 100.00 |
| C\% | 22.39 | 23.20 | 22.95 | 22.92 | 23.10 | 23.67 | 25.90 | 25.23 | 0.00 | 28.58 | 23.60 |
| \$15,001 - 20,000 | 8,842 | 13,548 | 14,087 | 14,256 | 28,939 | 14,801 | 11,439 | 8,371 | 1,795 | 1,173 | 117,251 |
| R\% | 7.54 | 11.55 | 12.01 | 12.16 | 24.68 | 12.62 | 9.76 | 7.14 | 1.53 | 1.00 | 100.00 |
| C\% | 18.97 | 18.93 | 19.38 | 20.12 | 20.28 | 20.30 | 20.69 | 17.56 | 0.00 | 22.32 | 19.67 |
| \$20,001 - 30,000 | 10,804 | 16,745 | 18,013 | 17,960 | 37,091 | 18,122 | 11,808 | 9,208 | 2,005 | 1,097 | 142,853 |
| R\% | 7.56 | 11.72 | 12.61 | 12.57 | 25.96 | 12.69 | 8.27 | 6.45 | 1.40 | 0.77 | 100.00 |
| C\% | 23.18 | 23.40 | 24.78 | 25.35 | 25.99 | 24.85 | 21.36 | 19.31 | 0.00 | 20.88 | 23.97 |
| \$30,001 + | 1,771 | 2,784 | 3,036 | 3,141 | 6,575 | 3,196 | 1,907 | 1,650 | 327 | 192 | 24,579 |
| R\% | 7.21 | 11.33 | 12.35 | 12.78 | 26.75 | 13.00 | 7.76 | 6.71 | 1.33 | 0.78 | 100.00 |
| C\% | 3.80 | 3.89 | 4.18 | 4.43 | 4.61 | 4.38 | 3.45 | 3.46 | 0.00 | 3.65 | 4.12 |
| TOTAL | 46,613 | 71,573 | 72,689 | 70,839 | 142,690 | 72,924 | 55,275 | 47,675 | 10,547 | 5,255 | 596,080 |
| R\% | 7.82 | 12.01 | 12.19 | 11.88 | 23.94 | 12.23 | 9.27 | 8.00 | 1.77 | 0.88 | 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 |

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

Award Period 1987-88

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

During award period $1987-88,66,955$ students, constituting approximately 1.1 percent of all Pell Grant applicants, reported receiving these Veteran's benefits on an official application. Three of every four applicants reporting Veteran's benefits ( 77 percent) were independent ${ }^{6}$ (see Figure 9).

Table 12 also shows that applicants reporting Veteran's benefits qualified for a Pell Grant at the same rate as applicants in general--a 59.9 percent eligibility rate for veterans versus a 60.5 qualification rate for the entire applicant pool. Also consistent with the general applicant population was the fact that independents who reported Veteran's benefits qualified at a greater rate than their dependent counterparts. Eligible applicants who reported Veteran's benefits were more likely to actually receive a Pell Grant than other applicants.-.81.3 percent of eligible veterans versus 75.6 percent of all eligible applicants.

Veterans were selecied for institutional verification at the same rate as the general population.

[^3]Approximately 47.4 percent of eligible veterans were selected compared to 45 percent of all eligible Pell Grant applicants. The selection rate for eligible dependent applicants reporting Veteran's benefits ( 53 percent) was slightly higher than the rate for their independent counterparts ( 46 percent).

The average grant for veterans reporting benefits was $\$ 1,285$, slightly less than the general population average of $\$ 1,303$. Program funds directed toward students with Veteran's benefits in 1987-88 totalled $\$ 41.8$ million, or 1.1 percent of all program expenditures.

Figure 9
Applicants/Recipients Reporting VA Benefits


TABLE 12

## SUMMARY STATISTICS FOR PELL GRANT APPLICANTS REPORTING VETERAN'S BENEFITS AWARD YEAR 1987-88

|  | DEPENDENT | INDEPENDENT | TOTAL |
| :---: | :---: | :---: | :---: |
| NUMBER OF APPLICANTS |  |  |  |
| SUBMITTING OFFICIAL APPLICATIONS | 15,514 | 51,441 | 66,955 |
| NUMBER OF APPLICANTS |  |  |  |
| SUBMITTING VALID APPLICATIONS | 12,945 | 46,318 | 59,263 |
| NUMBER AND PERCENT OF |  |  |  |
| QUALIFIED | 7,462 | 32,557 | 40,019 |
| APPLICANTS | 48.10 | 63.29 | 59.77 |
| NUMBER AND PERCENT OF |  |  |  |
| NON-QUALIFIED | 5,483 | 13,761 | 19,244 |
| APPLICANTS | 35.34 | 26.75 | 28.74 |
| NUMBER AND PERCENT OF |  |  |  |
| APPLICATIONS RETURNED FOR INSUFFICIENT DATA | 2,569 | 5,123 | 7,692 |
| NEVER RE-SUBMITTED FOR PROCESSING | 16.56 | 9.96 | 11.49 |
| NUMBER OF APPLICANTS |  |  |  |
| SUBMITTING UNOFFICIAL APPLICATIONS | 828 | 1,863 | 2,691 |
| NUMBER OF APPLICANTS |  |  |  |
| SELECTED FOR VALIDATION | 3,987 | 14,989 | 18,976 |
| NUMBER OF PELL GRANT |  |  |  |
| RECIPIENTS | 6,247 | 26,280 | 32,527 |
| TOTAL EXPENDITURES | \$7,926,685 | \$33,885,685 | \$41,812,370 |
| AVERAGE GRANT | \$1,269 | \$1,289 | \$1,285 |

Table 13

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

Award Period 1987-88

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 also employs family income categories which differ from the other tables in this report (although the definition of family income is the same).

Table 13 shows that nearly seven of every ten applicants ( 67 percent) qualified to receive a Pell Grant in 1987-88. Independents qualified at a much higher rate than dependent applicants. Although dependent applicants slightly outnumbered independent applicants by 47,088 , nearly 830,000 more independents were qualified to receive aid.

Income explains the differences in eligibility rates. As the table shows, most independent applicants reported little income. For example, 60 percent reported having a family income of $\$ 7,500$ or less in 1986. By comparison, 15 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 $\$ 7,500$ and less qualified, while 32 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, a large amount of tuition paid for a child attending elementary or secondary school, or a combination of the above.

A comparison with 1986-87 data shows that low income applicants qualified at about the same rate as low income applicants in 1987-88: over 99 percent of those with family incomes of $\$ 7,500$ or less in both years were eligible. However, slightly fewer ( 32 percent) high income applicants qualified. For example, in 1986-87, 34 percent of applicants with incomes greater than $\$ 15,000$ were eligible; in 1987-88, 32 percent of the students in this income group were eligible.

In both years, independents in the $\$ 7,500$ and less income group qualified at a slightly greater rate ( 99.4 percent in 1987-88) than dependents in this low income category ( 98.8 percent). However, independents in the $\$ 15,000$ and greater income group were also slightly more likely to qualify than their dependent counterparts ( 31.9 percent for independents versus 31.7 percent for dependents).

DISTRIBUTION OF PELL GRANT APPLICANTS BY ELIGIBILITY STATUS AND INCOME RANGE ALL APPLICANTS - AWARD YEAR 1987-88

| ALL APPLICANTS | INCOME RANGE |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$0-4,000 | $\begin{gathered} \$ 4,001- \\ 7,500 \end{gathered}$ | $\begin{gathered} \$ 7,501- \\ 10,000 \end{gathered}$ | $\begin{gathered} \hline \$ 10,001- \\ 12,000 \end{gathered}$ | $\begin{gathered} \$ 12,001- \\ 15,000 \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 20,000 \end{gathered}$ | $\begin{gathered} \$ 20,001- \\ 25,000 \end{gathered}$ | $\begin{gathered} \$ 25,001 \\ 30,000 \end{gathered}$ | $\begin{array}{r} \$ 30,001 \\ 35,000 \end{array}$ | \$35,000 + | TOTAL |
| TOTAL QUALIFIED |  |  |  |  |  |  |  |  |  |  |  |
| APPLICANTS | 1,095,754 | 1,013,779 | 379,603 | 234,728 | 307,653 | 382,032 | 224,366 | 108,506 | 38,332 | 15,306 | 3,800,059 |
| PERCENT OF TOTAL |  |  |  |  |  |  |  |  |  |  |  |
| QUALIFIED APPLICANTS | 28.8 | 26.7 | 10.0 | 6.2 | 8.1 | 10.1 | 5.9 | 2.9 | 1.0 | 0.4 | 100.0 |
| TOTAL APPLICANTS | 1,100,180 | 1,024,286 | 464,600 | 302,291 | 383,086 | 514,053 | 399,244 | 334,293 | 276,611 | 898,698 | 5,697,342 |
| PERCENT OF TOTAL APPLICANTS | 19.3 | 18.0 | 8.2 | 5.3 | 6.7 | 9.0 | 7.0 | 5.9 | 4.9 | 15.8 | 100.0 |


| DEPENDENT APPLICANTS | INCOME RANGE |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$0-4,000 | $\begin{gathered} \hline \$ 4,001- \\ 7,500 \end{gathered}$ | $\begin{gathered} \hline \$ 7,501- \\ 10,000 \end{gathered}$ | $\begin{gathered} \$ 10,001- \\ 12,000 \end{gathered}$ | $\begin{gathered} \hline \$ 12,001- \\ 15,000 \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 20,000 \end{gathered}$ | $\begin{gathered} \hline \$ 20,001 \text { - } \\ 25,000 \end{gathered}$ | $\begin{gathered} \$ 25,001- \\ 30,000 \end{gathered}$ | $\begin{gathered} \$ 30,001 \\ 35,000 \end{gathered}$ | \$35,000 + | TOTAL |
| TOTAL QUALIFIED APPLICANTS | 182,584 | 239,058 | 155,066 | 117,046 | 168,377 | 261,640 | 203,342 | 105,973 | 37,877 | 15,149 | 1,486,112 |
| PERCENT OF TOTAL QUALIFIED APPLICANTS | 12.3 | 16.1 | 10.4 | 7.9 | 11.3 | 17.6 | 13.7 | 7.1 | 2.5 | 1.0 | 100.0 |
| TOTAL APPLICANTS | 184,326 | 242,415 | 161,742 | 125,923 | 188,087 | 314,315 | 292,234 | 269,999 | 240,029 | 853,145 | 2,872,215 |
| PERCENT OF TOTAL APPLICANTS | 6.4 | 8.4 | 5.6 | 4.4 | 6.5 | 10.9 | 10.2 | 9.4 | 8.4 | 29.7 | 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 | 913,170 | 774,721 | 224,537 | 117,682 | 139,276 | 120,392 | 21,024 | 2,533 | 455 | 157 | 2,313,947 |
| PERCENT OF TOTAL QUALIFIED APPLICANTS | 39.5 | 33.5 | 9.7 | 5.1 | 6.0 | 5.2 | 0.9 | 0.1 | 0.0 | 0.0 | 100.0 |
| TOTAL APPLICANTS | 915,854 | 781,871 | 302,858 | 176,368 | 194,999 | 199,738 | 107,010 | 64,294 | 36,582 | 45,553 | 2,825,127 |
| PERCENT OF TOTAL APPLICANTS | 32.4 | 27.7 | 10.7 | 6.2 | 6.9 | 7.1 | 3.8 | 2.3 | 1.3 | 1.6 | 100.0 |

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

Award Period 1987-88

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

The table shows that 80 percent of recipients reported being full-time students in 1987-88, 2.5 percent reported three-quarter time status and 3.4 percent reported being half-time. Approximately 14 percent of the recipients had no reported enrollment status or changed their status within the award year. (For example, went from full-time during the fall semester to half-time during the spring). These students are excluded from Table 14.

Enrollment status varied by dependency status. A little more than half the full-time recipients were dependent ( 52 percent) and slightly less than half were independent ( 48 percent). However, part-time recipients were much more likely to be independent than dependent. Over three times as many three-quarter time recipients were independent ( 76 percent) than dependent ( 24 percent) and more than five times as many half-time students claimed independent status ( 84 percent) than dependent status (16 percent).

Attendance patterns varied considerably by whether the school was public, private, nonprofit, or profit-making. Of total full-time recipients, 55 percent attended public schools, 19 percent attended private, non-profit schools, and 26 percent attended profit-making schools. Part-time recipients were more likely to attend
public schools. Sixty-one percent of threequarter time students attended public institutions, 16 percent were enrolled in private, nonprofit schools, and 23 percent attended profitmaking schools. Of the half-time students, 64 percent were enrolled in public institutions, 14 percent attended private, non-profit institutions, and 22 percent were enrolled in profitmaking schools.

Attendance patterns also varied by the length of program offered by the school. As Table 6 indicated, schools offering programs of 5 years or longer attracted the largest number of recipients of any of the institutional type categories presented. Recipients enrolled in these schools-many of which are large state universities-were more often full-time than recipients attending other schools. This category of schools had 85 percent full-time recipients in 1987 88 , and only 1.5 percent and 1.6 percent three quarter and half-time recipients, respectively. (There was no enrollment status on file for the remaining 12 percent).

On the other hand, 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 71 percent full-time, 3.8 percent three-quarter time, and 5.6 percent half-time recipients. (There was no enrollment status on file for the remaining 19 percent.)

TABLE 14
PELLGRANT RECIPIENT ENROLLMENT STATUS
BY TYPE AND CONTROL OF INSTITUTION
ALL INSTITUTIONS - AWARD PERIOD 1987-88

| TYPE OF INSTITUTION | FULL TIME |  |  | THREE QUARTER TIME |  |  | HALF TIME |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | TOTAL | DEPENDENTS | INDEPENDENTS | TOTAL | DEPENDENTS | INDEPENDENTS | TOTAL | DEPENDENTS | INDEPENDENTS |
| TOTAL PUBLIC INSTITUTIONS | 1,272,497 | 661,800 | 610,697 | 43,854 | 10,979 | 32,875 | 62,858 | 9,571 | 53,287 |
| FIVE YEARS OR MORE | 670,280 | 409,880 | 260,400 | 10,142 | 3,351 | 6,791 | 11,746 | 2,136 | 9,610 |
| FOUR-YEAR NO GRADUATE | 123,168 | 70,971 | 52,197 | 2,687 | 825 | 1,862 | 4,031 | 659 | 3,372 |
| THREE YEARS BUT LESS THAN FOUR YEARS | 1,978 | 479 | 1,499 | 192 | 25 | 167 | 258 | 17 | 241 |
| TWO YEARS BUT LESS THAN THREE YEARS | 456,490 | 175,943 | 280,547 | 30,437 | 6,708 | 23,729 | 46,049 | 6,638 | 39,411 |
| ONE YEAR BUT LESS THAN TWO YEARS | 15,697 | 3,315 | 12,382 | 316 | 55 | 261 | 636 | 97 | 539 |
| SIX MONTHS BUT LESS THAN ONE YEAR | 4,884 | 1,212 | 3,672 | 80 | 15 | 65 | 138 | 24 | 114 |
| TOTAL PRIVATE, NON-PROFIT | 428,588 | 262,172 | 166,416 | 11,696 | 2,865 | 8,831 | 13,412 | 1,931 | 11,481 |
| FIVE YEARS OR MORE | 159,660 | 104,910 | 54,750 | 4,597 | 1,439 | 3,158 | 4,093 | 729 | 3,364 |
| FOUR-YEAR NO GRADUATE | 214,483 | 133,359 | 81,124 | 5,174 | 1,017 | 4,157 | 7,098 | 820 | 6,278 |
| THREE YEARS BUT LESS THAN FOUR YEARS | 3,144 | 1,459 | 1,685 | 65 | 14 | 51 | 90 | 23 | 67 |
| TWO YEARS BUT LESS THAN THREE YEARS | 39,177 | 18,748 | 20,429 | 1,509 | 290 | 1,219 | 1,824 | 282 | 1,542 |
| ONE YEAR BUT LESS THAN TWO YEARS | 9,247 | 3,258 | 5,989 | 218 | 81 | 137 | 184 | 58 | 126 |
| SIX MONTHS BUT LESS THAN ONE YEAR | 2,877 | 438 | 2,439 | 133 | 24 | 109 | 123 | 19 | 104 |
| TOTAL PRIVATE, PROFIT-MAKING | 611,606 | 140,624 | 470,982 | 16,285 | 3,310 | 12,975 | 21,634 | 4,000 | 17,634 |
| FIVE YEARS OR MORE | 613 | 64 | 549 | 11 | 0 | 11 | 2 | 1 | 1 |
| FOUR-YEAR NO GRADUATE | 19,336 | 7,725 | 11,611 | 987 | 216 | 771 | 481 | 72 | 409 |
| THREE YEARS BUT LESS THAN FOUR YEARS | 5,340 | 1,737 | 3,603 | 102 | 17 | 85 | 373 | 50 | 323 |
| TWO YEARS BUT LESS THAN THREE YEARS | 167,937 | 44,511 | 123,426 | 3,045 | 708 | 2,337 | 4,238 | 796 | 3,442 |
| ONE YEAR BUT LESS THAN TWO YEARS | 196,527 | 44,810 | 151,717 | 5,195 | 1,078 | 4,117 | 6,937 | 1,318 | 5,619 |
| SIX MONTHS BUT LESS <br> THAN ONE YEAR | 221,853 | 41,777 | 180,076 | 6,945 | 1,291 | 5,654 | 9,603 | 1,763 | 7,840 |
| TOTAL | 2,312,691 | 1,064,596 | 1,248,095 | 71,835 | 17,154 | 54,681 | 97,904 | 15,502 | 82,402 |

## CHAPTER 4

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

## Award Period 1987-88

Table 15

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

Award Period 1987-88

Table 15 examines the relationship of family income to grant level for verified recipients during 1987-88. Recipients who were not selected for verification--72 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 1987-88 Pell Grant recipients suggests that low income students were less likely to be selected for verification than those reporting a high income. For example, 36 percent of all verified recipients reported family incomes of $\$ 6,000$ or less. By comparison, 48 percent of non-verified recipients had incomes in this range. Likewise, the proportion of verified students reporting incomes greater than $\$ 15,000$ (25 percent) was greater than the proportion of non-verified students (20 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 15 shows that 15 percent of the verified population received the maximum grant of $\$ 2,100$ compared with 18 percent of the nonverified group. Grants of less than $\$ 900$ were awarded to 29.8 percent of the verified population and to 28.6 percent of the non-verified group.

As with the recipient population in general, Table 15 -illustrates that the higher the verified recipients' income the lower the grant. Verified recipients with income over $\$ 15,000$ comprised 25 percent of all verified students but received only 2 percent of all maximum awards. On the other hand, verified recipients with incomes of $\$ 6,000$ or less made up 36 percent of the veri-. fied population and received 64 percent of the maximum awards.

TABLE 15
DISTRIBUTION OF VALIDATED PELL GRANT RECIPIENTS BY FAMILY INCOME AND GRANT LEVEL
ALL VERIFIED RECIPIENTS - AWARD YEAR 1987-88

| FAMILY INCOME | GRANT LEVEL |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,099 | \$2,100 | TOTAL |
| LESS THAN \$1,001 | 1,114 | 3,396 | 5,001 | 6,955 | 5,835 | 6,222 | 6,480 | 12,948 | 47,951 |
| R\% | 2.32 | 7.08 | 10.43 | 14.50 | 12.17 | 12.98 | 13.51 | 27.00 | 100.00 |
| C\% | 3.20 | 3.65 | 4.42 | 5.35 | 4.98 | 5.86 | 7.04 | 10.55 | 5.93 |
| \$1,001 - 3,000 | 1,051 | 4,914 | 8,355 | 12,789 | 10,033 | 9,732 | 9,695 | 22,964 | 79,533 |
| R\% | 1.32 | 6.18 | 10.51 | 16.08 | 12.61 | 12.24 | 12.19 | 28.87 | 100.00 |
| C\% | 3.02 | 5.29 | 7.39 | 9.84 | 8.57 | 9.16 | 10.53 | 18.71 | 9.83 |
| \$3,001-6,000 | 2,143 | 9,997 | 17,542 | 25,521 | 20,897 | 21,533 | 21,524 | 42,633 | 161,790 |
| R\% | 1.32 | 6.18 | 10.84 | 15.77 | 12.92 | 13.31 | 13.30 | 26.35 | 100.00 |
| C\% | 6.16 | 10.76 | 15.51 | 19.64 | 17.85 | 20.26 | 23.37 | 34.74 | 20.00 |
| \$6,001-9,000 | 6,531 | 15,746 | 18,077 | 21,092 | 17,220 | 15,213 | 17,569 | 24,646 | 136,094 |
| R\% | 4.80 | 11.57 | 13.28 | 15.50 | 12.65 | 11.18 | 12.91 | 18.11 | 100.00 |
| C\% | 18.76 | 16.94 | 15.99 | 16.23 | 14.71 | 14.32 | 19.08 | 20.08 | 16.82 |
| \$9,001 - 15,000 | 5,582 | 18,743 | 25,878 | 27,215 | 27,942 | 31,443 | 28,160 | 17,257 | 182,220 |
| R\% | 3.06 | 10.29 | 14.20 | 14.94 | 15.33 | 17.26 | 15.45 | 9.47 | 100.00 |
| C\% | 16.03 | 20.17 | 22.88 | 20.95 | 23.87 | 29.59 | 30.58 | 14.06 | 22.53 |
| \$15,001 - 20,000 | 7,581 | 16,257 | 16,765 | 18,487 | 20,992 | 15,598 | 7,038 | 1,821 | 104,539 |
| R\% | 7.25 | 15.55 | 16.04 | 17.68 | 20.08 | 14.92 | 6.73 | 1.74 | 100.00 |
| C\% | 21.77 | 17.49 | 14.83 | 14.23 | 17.93 | 14.68 | 7.64 | 1.48 | 12.92 |
| \$20,001 - 30,000 | 8,580 | 19,715 | 18,687 | 16,227 | 13,277 | 6,266 | 1,568 | 397 | 84,717 |
| R\% | 10.13 | 23.27 | 22.06 | 19.15 | 15.67 | 7.40 | 1.85 | 0.47 | 100.00 |
| C\% | 24.64 | 21.21 | 16.52 | 12.49 | 11.34 | 5.90 | 1.70 | 0.32 | 10.47 |
| \$30,001 + | 2,235 | 4,162 | 2,780 | 1,637 | 862 | 256 | 62 | 50 | 12,044 |
| R\% | 18.56 | 34.56 | 23.08 | 13.59 | 7.16 | 2.13 | 0.51 | 0.42 | 100.00 |
| C\% | 6.42 | 4.48 | 2.46 | 1.26 | 0.74 | 0.24 | 0.07 | 0.04 | 1.49 |
| TOTAL | 34,817 | 92,930 | 113,085 | 129,923 | 117,058 | 106,263 | 92,096 | 122,716 | 808,888 |
| R\% | 4.30 | 11.49 | 13.98 | 16.06 | 14.47 | 13.14 | 11.39 | 15.17 | 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

## Award Period 1987-88

## Table 16

# Multiple Data Entry Summary Statistics 

Award Period 1987-88

Table 16 displays summary statistics by Multiple Data Entry (MDE) source for all Pell Grant applicants.

During 1987-88, students could apply for a Pell Grant using one of five applications: The U.S. Department of Education's Application for Federal Student Aid (Pell); American Coliege Testing (ACT) Program's Family Financial Statement; College Scholarship Service's (CSS) Financial Aid Form; the Pennsylvania Higher Education Assistance Agency (PHEAA) form; or beginning in 1987-88, the lllinois State Scholarship Commission (ISSC) form. This arrangement is called Multiple Data Entry.

Table 16 shows that CSS's form was used by most students submitting an official Pell Grant application ( 40 percent) followed in order by the Federal Pell form ( 36.2 percent), ACT (18.3 percent), PHEAA ( 3.7 percent), and ISSC (1.8 percent).

More students in 1987-88 used CSS and ACT forms to apply for a Pell Grant than had used these forms in 1986-87. Application volume at CSS rose by 3.5 percent, from 2.4 million to 2.5 million. ACT's volume increased 11 percent, from 1 million to 1.15 million. The relative increases in PHEAA's volume (12.2 percent), was more substantial from 209,000 to 235,000 . Usage of the Federal Pell form decreased. In 1986-87, 2.35 million students used the Federal system; in 1987-88, the volume of Federal system users had decreased by 2.9 percent to 2.28 million.

Table 16 shows that, as in 1986-87, the proportion of applicants who became recipients in

1987-88 differed according to the application the student used. Students using the Federal Pell application were most likely to actually receive a Pell Grant. Approximately 57 percent of the students using this form became recipients. ACT applicants were next, with 46 percent becoming recipients, followed by ISSC with 44.4 percent, CSS with 36.4 percent, and PHEAA with 36 percent.

Some applicants did not receive grants because their applications were returned for insufficient data and were never resubmitted for processing. As Table 16 indicates, CSS applicants were most often in this category. Thirteen percent of the applications from students who filled out a CSS form were "rejected" and never resubmitted. Federal Pell applications were least offen rejected ( 5.6 percent) and never resubmitted.

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 ACT, CSS, or PHEAA forms did not qualify for a grant. A little less than one quarter of the students submitting ISSC forms did not qualify for a grant. Students using the Federal Pell form, however, were much more successful: only 14 percent of the applicants in this group were non-qualified. Table 17 suggests that, as in 1986-87, students using the Federal form tended to have lower incomes than other applicants, a likely explanation for the high rate at which they qualified.

Although students using the Federal form were most likely to submit qualified applications, they were not the most likely to receive a Pell Grant once a qualified application had been submitted (see Figure 10 below). ACT applicants were. Approximately 82 percent of the qualified students who filed an ACT form received a Pell Grant. By comparison, 80 percent of qualified CSS applicants were awarded aid; 78 percent of qualified PHEAA applicants; 71 percent of qualified Federal filers; and 67 percent of qualified ISSC applicants.

Table 16 also shows that average grant differed by application source. The largest average grants went to students processed by PHEAA ( $\$ 1,323$ ), followed by Federal ( $\$ 1,315$ ), CSS $(\$ 1,296)$, ACT $(\$ 1,291)$ and ISSC ( $\$ 1,218$ ). Interestingly, the largest average grants went to
students who tend to have the largest family incomes. As Table 17 shows, PHEAA filers have, on average, the highest incomes of the four groups, followed in order by CSS, ACT, ISSC, and Federal applicants. Educational cost may explain this result. PHEAA filers, although they have the highest incomes, may on average attend more expensive schools than their lower income counterparts.

The rate at which applicants subject to selection were selected for verification varied substantially by MDE application. Students using the CSS system were most often selected (32.7 percent of valid applicants) followed by ACT applicants ( 28.2 percent), Federal applicants ( 28.1 percent), ISSC applicants (24.1 percent), and PHEAA applicants (24.1 percent).

Figure 10
Distribution of Appllcants By Outcome of Appllcation


MDE Source

## TABLE 16

## MULTIPLE DATA ENTRY SUMMARY STATISTICS

## ALL APPLICANTS - AWARD YEAR 1987-88



Table 17

# Distribution of Pell Grant Recipients By Family Income and Multiple Data Entry Application 

Award Period 1987-88
17A - Total
17B - Dependent
17C - Independent

Tables 17A, 17B, and 17C present the distribution of Pell Grant recipients by family income and Multiple Data Entry application, first for all recipients, then for dependents and independents. respectively.

As Table 16 showed, the CSS form was the most frequently used by students to apply for a Pell Grant. However, as Table 17A indicates, the Federal Pell form was used most often by Pell Grant recipients. During 1987-88, 45 percent used the Federal form, 32 percent used the CSS form, 18 percent filed ACT's form, 3 percent used PHEAA's form, and 2 percent used ISSC's form.

Dependency status also varied by application source. 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 70 percent of all recipients using the Federal form, 71 percent of ISSC recipients, 49.6 percent of ACT recipients, 45 percent of CSS recipients, and 38 percent of PHEAA recipients.

Table 17A 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, 55 percent of recipients using the Federal form and 58.3 percent using ISSC's form, reported a family income of $\$ 6,000$ or less; only 11.7 percent of Federal recipients and 15.5 percent of ISSC recipients reported an income that exceeded $\$ 15,000$.

Recipients whose applications originated with PHEAA tended to have the highest incomes. Only 33 percent of this group reported an income of $\$ 6,000$ or less; 35 percent were in the greater than $\$ 15,000$ family income range.

The distribution of incomes for CSS and ACT recipients was similar. For example, 35.4 percent of ACT recipients and 34.7 percent of CSS recipients were in the $\$ 6,000$ and less income range; 28 percent of ACT recipients and 29.3 percent of CSS recipients reported incomes greater than $\$ 15,000$.

## TABLE 17-A

## DISTRIBUTION OF PELL GRANT RECIPIENTS

BY FAMILY INCOME AND MULTIPLE DATA ENTRY APPLICATION
ALL RECIPIENTS - AWARD YEAR 1987-88

| FAMILY INCOME | MULTIPLE DATA ENTRY APPLICATION |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | PELL | ACT | CSS | PHEAA | ISSC | TOTAL |
| LESS THAN \$1,001 | 125,992 | 38,379 | 62,060 | 4,671 | 3,542 | 234,644 |
| R\% | 53.69 | 16.36 | 26.45 | 1.99 | 1.51 | 100.00 |
| C\% | 9.67 | 7.27 | 6.76 | 5.52 | 7.17 | 8.14 |
| \$1,001-3,000 | 205,245 | 47,946 | 76,385 | 6,117 | 10,019 | 345,712 |
| R\% | 59.37 | 13.87 | 22.09 | 1.77 | 2.90 | 100.00 |
| C\% | 15.76 | 9.09 | 8.33 | 7.23 | 20.27 | 12.00 |
| \$3,001 - 6,000 | 388,902 | 101,804 | 181,650 | 17,197 | 15,368 | 704,921 |
| R\% | 55.17 | 14.44 | 25.77 | 2.44 | 2.18 | 100.00 |
| C\% | 29.86 | 19.29 | 19.80 | 20.32 | 31.10 | 24.46 |
| \$6,001-9,000 | 214,604 | 81,789 | 143,263 | 11,008 | 6,046 | 456,710 |
| R\% | 46.99 | 17.91 | 31.37 | 2.41 | 1.32 | 100.00 |
| C\% | 16.48 | 15.50 | 15.62 | 13.01 | 12.23 | 15.85 |
| \$9,001 - 15,000 | 212,824 | 109,910 | 183,255 | 15,825 | 6,670 | 528,484 |
| R\% | 40.27 | 20.80 | 34.68 | 2.99 | 1.26 | 100.00 |
| C\% | 16.34 | 20.83 | 19.97 | 18.70 | 13.50 | 18.34 |
| \$15,001 - 20,000 | 92,048 | 69,642 | 122,857 | 12,496 | 3,973 | 301,016 |
| R\% | 30.58 | 23.14 | 40.81 | 4.15 | 1.32 | 100.00 |
| C\% | 7.07 | 13.20 | 13.39 | 14.77 | 8.04 | 10.45 |
| \$20,001 - 30,000 | 56,636 | 67,374 | 126,233 | 14,670 | 3,210 | 268,123 |
| R\% | 21.12 | 25.13 | 47.08 | 5.47 | 1.20 | 100.00 |
| C\% | 4.35 | 12.77 | 13.76 | 17.34 | 6.50 | 9.30 |
| \$30,001 + | 6,105 | 10,862 | 21,753 | 2,628 | 589 | 41,937 |
| R\% | 14.56 | 25.90 | 51.87 | 6.27 | 1.40 | 100.00 |
| C\% | 0.47 | 2.06 | 2.37 | 3.11 | 1.19 | 1.46 |
| TOTAL | 1,302,356 | 527,706 | 917,456 | 84,612 | 49,417 | 2,881,547 |
| R\% | 45.20 | 18.31 | 31.84 | 2.94 | 1.71 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 17-B
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY FAMILY INCOME AND MULTIPLE DATA ENTRY APPLICATION
DEPENDENT RECIPIENTS - AWARD YEAR 1987-88

| FAMILY INCOME | MULTIPLE DATA ENTRY APPLICATION |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | PELL | ACT | CSS | PHEAA | ISSC | TOTAL |
| LESS THAN \$1,001 | 10,551 | 12,699 | 17,148 | 1,124 | 389 | 41,911 |
| R\% | 25.17 | 30.30 | 40.92 | 2.68 | 0.93 | 100.00 |
| C\% | 2.73 | 4.77 | 3.40 | 2.16 | 2.68 | 3.42 |
| \$1,001-3,000 | 30,830 | 10,383 | 17,127 | 1,499 | 1,033 | 60,872 |
| R\% | 50.65 | 17.06 | 28.14 | 2.46 | 1.70 | 100.00 |
| C\% | 7.97 | 3.90 | 3.39 | 2.88 | 7.11 | 4.97 |
| \$3,001-6,000 | 79,002 | 24,655 | 48,359 | 5,023 | 2,379 | 159,418 |
| R\% | 49.56 | 15.47 | 30.33 | 3.15 | 1.49 | 100.00 |
| C\% | 20.43 | 9.27 | 9.58 | 9.64 | 16.38 | 13.02 |
| \$6,001 - 9,000 | 66,164 | 29,059 | 58,130 | 5,153 | 1,553 | 160,059 |
| R\% | 41.34 | 18.16 | 36.32 | 3.22 | 0.97 | 100.00 |
| C\% | 17.11 | 10.92 | 11.51 | 9.89 | 10.70 | 13.07 |
| \$9,001 - 15,000 | 91,203 | 63,024 | 120,343 | 11,559 | 3,050 | 289,179 |
| R\% | 31.54 | 21.79 | 41.62 | 4.00 | 1.05 | 100.00 |
| C\% | 23.59 | 23.69 | 23.83 | 22.18 | 21.01 | 23.62 |
| \$15,001 - 20,000 | 53,048 | 51,499 | 100,105 | 10,816 | 2,628 | 218,096 |
| R\% | 24.32 | 23.61 | 45.90 | 4.96 | 1.20 | 100.00 |
| C\% | 13.72 | 19.36 | 19.83 | 20.75 | 18.10 | 17.82 |
| \$20,001 - 30,000 | 49,824 | 63,944 | 122,053 | 14,334 | 2,907 | 253,062 |
| R\% | 19.69 | 25.27 | 48.23 | 5.66 | 1.15 | 100.00 |
| C\% | 12.89 | 24.03 | 24.17 | 27.50 | 20.02 | 20.67 |
| \$30,001 + | 5,992 | 10,784 | 21,648 | 2,613 | 581 | 41,618 |
| R\% | 14.40 | 25.91 | 52.02 | 6.28 | 1.40 | 100.00 |
| C\% | 1.55 | 4.05 | 4.29 | 5.01 | 4.00 | 3.40 |
| TOTAL | 386,614 | 266,047 | 504,913 | 52,121 | 14,520 | 1,224,215 |
| R\% | 31.58 | 21.73 | 41.24 | 4.26 | 1.19 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 17-C
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY FAMILY INCOME AND MULTIPLE DATA ENTRY APPLICATION INDEPENDENT RECIPIENTS - AWARD YEAR 1987-88

| FAMILY INCOME | MULTIPLE DATA ENTRY APPLICATION |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | PELL | ACT | CSS | PHEAA | ISSC | TOTAL |
| LESS THAN \$1,001 | 115,441 | 25,680 | 44,912 | 3,547 | 3,153 | 192,733 |
| R\% | 59.90 | 13.32 | 23.30 | 1.84 | 1.64 | 100.00 |
| C\% | 12.61 | 9.81 | 10.89 | 10.92 | 9.04 | 11.63 |
| \$1,001-3,000 | 174,415 | 37,563 | 59,258 | 4,618 | 8,986 | 284,840 |
| R\% | 61.23 | 13.19 | 20.80 | 1.62 | 3.15 | 100.00 |
| C\% | 19.05 | 14.36 | 14.36 | 14.21 | 25.75 | 17.19 |
| \$3,001 - 6,000 | 309,900 | 77,149 | 133,291 | 12,174 | 12,989 | 545,503 |
| R\% | 56.81 | 14.14 | 24.43 | 2.23 | 2.38 | 100.00 |
| C\% | 33.84 | 29.48 | 32.31 | 37.47 | 37.22 | 32.91 |
| \$6,001 - 9,000 | 148,440 | 52,730 | 85,133 | 5,855 | 4,493 | 296,651 |
| R\% | 50.04 | 17.78 | 28.70 | 1.97 | 1.51 | 100.00 |
| C\% | 16.21 | 20.15 | 20.64 | 18.02 | 12.88 | 17.90 |
| \$9,001 - 15,000 | 121,621 | 46,886 | 62,912 | 4,266 | 3,620 | 239,305 |
| R\% | 50.82 | 19.59 | 26.29 | 1.78 | 1.51 | 100.00 |
| C\% | 13.28 | 17.92 | 15.25 | 13.13 | 10.37 | 14.44 |
| \$15,001 - 20,000 | 39,000 | 18,143 | 22,752 | 1,680 | 1,345 | 82,920 |
| R\% | 47.03 | 21.88 | 27.44 | 2.03 | 1.62 | 100.00 |
| C\% | 4.26 | 6.93 | 5.52 | 5.17 | 3.85 | 5.00 |
| \$20,001 - 30,000 | 6,812 | 3,430 | 4,180 | 336 | 303 | 15,061 |
| R\% | 45.23 | 22.77 | 27.75 | 2.23 | 2.01 | 100.00 |
| C\% | 0.74 | 1.31 | 1.01 | 1.03 | 0.87 | 0.91 |
| \$30,001 + | 113 | 78 | 105 | 15 | 8 | 319 |
| R\% | 35.42 | 24.45 | 32.92 | 4.70 | 2.51 | 100.00 |
| C\% | 0.01 | 0.03 | 0.03 | 0.05 | 0.02 | 0.02 |
| TOTAL | 915,742 | 261,659 | 412,543 | 32,491 | 34,897 | 1,657,332 |
| R\% | 55.25 | 15.79 | 24.89 | 1.96 | 2.11 | 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 1987-88

Table 18

# Summary Statistics By Type of Institution 

Award Period 1987-88

Table 18 displays summary statistics by type of institution for award period 1987-88.

Table 18 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 2,112 schools which offered programs of 2 to 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 publically-funded 2 -year community colleges. Private 2 -year junior colleges are also represented in this category. Institutions with 6 month to 1 year programs constituted the second targest category. These schools, which tend to be profit-making institutions offering vocational programs, represented 22 percent of all participants. Schools offering 1 year but less than 2 year programs ranked third, representing 20 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 12 percent of all institutions, 5 year schools attracted 34 percent of all Pell Grant recipients. Many of the institutions in this category are large, state-funded universities. An average of 1,199 recipients were enrolled at these 5 year schools. This compares. with an average of 422 recipients at each 4 year school without a graduate program, 80 at each 3 to 4 year school, 480 at each 2 to 3 year school, 192 at each 1 to 2 year school, 188 at each less than 1 year school.

Students attending 4 year institutions that do not offer graduate programs received the largest average grants ( $\$ 1,406$ ). Many of the schools in this category are private, non-profit institutions with high tuitions. Students enrolled in 2 to 3 year institutions received the lowest average grants $(\$ 1,129)$. These tend to be publically supported institutions where a high percentage of the student body are commuters. Therefore, Pell Grant recipients at these schools tend to have 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 1987.88 totalled nearly $\$ 1.4$ 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 (15 percent).

A comparison with last year's data shows a . 7 percent increase in the total number of institutions participating in the program, from 6,907 in 1986-87 to 6,952 in 1987-88. The 1 year to 2 year category experienced the greatest increase. In 1986-87, 1,195 schools offering programs of this duration were in the program; in 1987-88, the number had increased to 1,390 . All other institutional types experienced cross-year declines in participation. The 2 to 3 year category lost the most schoois: in 198687, 2,171 schools were in this group and, in 1987-88, this group had 2,112 schools.

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 Peil Grants and the overall rise in the number of participating schools. In

1986-87, each school averaged 385 Pell Grant recipients; in 1987-88, the average increased to 414 recipients per school. Five year schools experienced the largest increase in the average number of recipients per school, from 1,120 in 1986-87 to 1,199 in 1987-88.

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

Award Period 1987-88

5 Years or More
4 Years No Graduate Program
3 to 4 Years
2 to 3 Years
1 to 2 Years
Less Than 1 Year
OTher

TABLE 18
SUMMARY STATISTICS BY TYPE OF INSTITUTION
AWARD PERIOD 1987-88

| TYPE OF INSTITUTION: | NUMBER OF INSTITUTIONS | TOTAL EXPENDITURES | NUMBER OF RECIPIENTS | AVERAGE GRANT |
| :---: | :---: | :---: | :---: | :---: |
| 5 YEARS OR MORE | 819 | \$1,372,208,636 | 981,711 | \$1,398 |
| FOUR-YEAR NO GRADUATE PROGRAM | 966 | \$572,590,001 | 407,272 | \$1,406 |
| THREE YEARS BUT LESS THAN FOUR YEARS | 154 | \$15,780,038 | 12,312 | \$1,282 |
| TWO YEARS BUT LESS THAN THREE YEARS | 2,112 | \$1,049,520,848 | 929,335 | \$1,129 |
| ONE YEAR BUT LESS THAN TWO YEARS | 1,390 | \$360,703,010 | 266,367 | \$1,354 |
| SIX MONTHS BUT LESS THAN ONE YEAR | 1,511 | \$383,526,948 | 284,550 | \$1,348 |
| OTHER | 0 | \$0 | 0 | \$0 |
| TOTAL | 6,952 | \$3,754,329,481 | 2,881,547 | \$1,303 |

## Table 19

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

Award Period 1987-88

Table 19, summarizes information on Pell Grant expenditures, recipients, and average grant by type and control of institution.

Beginning in the 1987-88 award year, the Department of Education eliminated the Alternate Disbursemt System (ADS). Now all institutions participating in the program are responsible for calculating and disbursing grants to their own students under the Regular Disbursement System (RDS).

Table 19 shows that the majority of Pell Grant recipients ( 57 percent) attended postsecondary institutions that were publically-funded. Almost one in four recipients ( 25 percent) attended profit-making schools. The remainder (18 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--57 percent as opposed to 43 percent-were enrolled in private, non-profit schools. Independents, however, outnumbered dependents at other schools. Independents
comprised 53 percent of the recipient population at public institutions and 77 percent at proprietary schools.
An examination of Table 19 shows that the number of recipients varied by length of program at public, private, non-profit, and proprietary schools. There were 773,906 recipients enrolled in public schools with programs of 5 years or more, comprising the largest group of recipients attending any type of public institution. By comparison, the largest group of recipients enrolled in private, nonprofit schools went to 4 year institutions without graduate programs $(244,818)$. Most recipients in private, profit-making schools were enrolled in institutions having programs 6 months to 1 year in length $(275,417)$.

Overall, the average Pell Grant in 1987-88 was $\$ 1,303$, with the highest average grants awarded to independent students enrolled in proprietary schools offering courses of 5 years or more in duration ( $\$ 1,894$ ) and the lowest average grants directed to dependents at public schools with 6 month to 1 year programs (\$902).

Figure 12
Distribution of Recipients By Control of Institution
Award Period 1987-88


PELL GRANT EXPENDITURES, RECIPIENTS, \& AVERAGE GRANT BY TYPE \& CONTROL OF INSTITUTION ALL INSTITUTIONS - AWARD PERIOD 1987-88

| TYPE OF INSTITUTION | TOTAL EXPENDITURES |  |  | TOTAL RECIPIENTS |  |  | AVERAGE GRANT |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | total | DEPENDENTS | INDEPENDENTS | TOTAL | DEPENDENTS | INDEPENDENTS | TOTAL | DEPENDENTS | INDEPENDENTS |
| TOTAL PUBLIC INSTITUTIONS | \$2,001,830,189 | \$934,564,704 | \$1,067,265,485 | 1,631,656 | 762,340 | 869,316 | \$1,227 | \$1,226 | \$1,228 |
| FIVE YEARS OR MORE | 1,059,138,127 | 588,387,582 | 470,750,545 | 773,906 | 448,591 | 325,315 | 1,369 | 1,312 | 1,447 |
| FOUR-YEAR NO GRADUATE | 189,950,379 | 100,027,762 | 89,922,617 | 139,583 | 75,958 | 63,625 | 1,361 | 1,317 | 1,413 |
| THREE YEARS BUT LESS THAN FOUR YEARS | 3,090,938 | 615,725 | 2,475,213 | 2,705 | 558 | 2,147 | 1,143 | 1,103 | 1,153 |
| TWO YEARS BUT LESS THAN THREE YEARS | 725,299,490 | 240,426,787 | 484,872,703 | 690,915 | 231,963 | 458,952 | 1,050 | 1,036 | 1,056 |
| ONE YEAR BUT LESS THAN TWO YEARS | 18,840,092 | 3,926,177 | 14,913,915 | 19,039 | 3,961 | 15,078 | 990 | 991 | 989 |
| SIX MONTHS BUT LESS THAN ONE YEAR | 5,511,163 | 1,180,671 | 4,330,492 | 5,508 | 1,309 | 4,199 | 1,001 | 902 | 1,031 |
| OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL PRIVATE, NON-PROFIT | \$753,541,862 | \$422,411,406 | \$331,130,456 | 516,638 | 296,179 | 220,459 | \$1,459 | \$1,426 | \$1,502 |
| FIVE YEARS OR MORE | 311,848,879 | 189,882,217 | 121,966,662 | 207,156 | 129,467 | 77,689 | 1,505 | 1,467 | 1,570 |
| FOUR-YEAR NO GRADUATE | 351,379,627 | 196,397,100 | 154,982,527 | 244,818 | 140,394 | 104,424 | 1,435 | 1,399 | 1,484 |
| THREE YEARS BUT LESS THAN FOUR YEARS | 4,806,641 | 1,940,813 | 2,865,828 | 3,491 | 1,566 | 1,925 | 1,377 | 1,239 | 1,489 |
| TWO YEARS BUT LESS THAN THREE YEARS | 62,966,972 | 26,936,402 | 36,030,570 | 46,501 | 20,224 | 26,277 | 1,354 | 1,332 | 1,371 |
| ONE YEAR BUT LESS THAN TWO YEARS | 17,282,856 | 6,472,601 | 10,810,255 | 11,047 | 3,975 | 7,072 | 1,564 | 1,628 | 1,529 |
| SIX MONTHS BUT LESS THAN ONE YEAR | 5,256,887 | 782,273 | 4,474,614 | 3,625 | 553 | 3,072 | 1,450 | 1,415 | 1,457 |
| OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL PRIVATE, PROFIT-MAKING | \$998,957,430 | \$223,064,834 | \$775,892,596 | 733,253 | 165,696 | 567,557 | \$1,362 | \$1,346 | \$1,367 |
| FIVE YEARS OR MORE | 1,221,630 | 121,031 | 1,100,599 | 649 | 68 | 581 | 1,882 | 1,780 | 1,894 |
| FOUR-YEAR NO GRADUATE | 31,259,995 | 11,692,098 | 19,567,897 | 22,871 | 8,597 | 14,274 | 1,367 | 1,360 | 1,371 |
| THREE YEARS BUT LESS THAN FOUR YEARS | 7,882,459 | 2,395,833 | 5,486,626 | 6,116 | 1,903 | 4,213 | 1,289 | 1,259 | 1,302 |
| TWO YEARS BUT LESS THAN THREE YEARS | 261,254,386 | 65,758,136 | 195,496,250 | 191,919 | 49,907 | 142,012 | 1,361 | 1,318 | 1,377 |
| ONE YEAR BUT LESS THAN TWO YEARS | 324,580,062 | 73,111,704 | 251,468,358 | 236,281 | 53,267 | 183,014 | 1,374 | 1,373 | 1,374 |
| SIX MONTHS BUT LESS THAN ONE YEAR | 372,758,898 | 69,986,032 | 302,772,866 | 275,417 | 51,954 | 223,463 | 1,353 | 1,347 | 1,355 |
| OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | \$3,754,329,481 | \$1,580,040,944 | \$2,174,288,537 | 2,881,547 | 1,224,215 | 1,657,332 | \$1,303 | \$1,291 | \$1,312 |

Table 20

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

Award Period 1987-88
20A - Total
20B - Dependent
20C - Independent

Tables 20A, 20B, and 20C 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 $\$ 2,100$. The average grant for the recipients in each cell is also shown. (The reader should note that the averages in the $\$ 2,100$ grant row exceed $\$ 2,100$. Recipients who were erroneously awarded grants greater than $\$ 2,100$ were placed in these cells.)

Table 20A confirms what Table 18 showed: students attending 4 year no graduate institutions received, on average, the largest grants $(\$ 1,406)$, followed by students attending 5 year or more schools ( $\$ 1,398$ ). The smallest grants on average went to students attending schools offering 2 to 3 year programs $(\$ 1,129)$.

Just as the average grant by institutional type varied, so did the distribution of the maximum award. Recipients in the 1 to 2 year
institutional category were next most likely to receive the maximum award (27 percent). Recipients at 2 to 3 year institutions, many of which are low cost public institutions, received the maximum least frequently ( 8 percent). Most recipients in this institutional type category received relatively modest-sized awards. For example, 39 percent received grants of less than $\$ 900$. By comparison, only 25 percent of the recipients at relatively high cost 4 year schools received awards of less than $\$ 900$.

Tables 20B and 20C indicate that the overatl average grant for independent recipients was higher than that for dependent recipients for all schools (\$1,312 for independents, $\$ 1,291$ for dependents), and for each institutional type.

TABLE 20-A
DISTRIBUTION OF PELL GRANT RECIPIENTS AND AVERAGE GRANT BY GRANT LEVEL AND TYPE OF INSTITUTION
ALL RECIPIENTS - AWARD YEAR 1987-88

| 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 | 34,402 | 14,035 | 649 | 52,649 | 8,057 | 8,041 | 0 | 117,833 |
| R\% | 29.20 | 11.91 | 0.55 | 44.68 | 6.84 | 6.82 | 0.00 | 100.00 |
| C\% | 3.50 | 3.45 | 5.27 | 5.67 | 3.02 | 2.83 | 0.00 | 4.09 |
| AVE-GRANT | \$220 | \$219 | \$206 | \$204 | \$196 | \$209 | \$0 | \$210 |
| \$300-599 | 92,858 | 40,597 | 1,586 | 138,118 | 20,346 | 20,320 | 0 | 313,825 |
| R\% | 29.59 | 12.94 | 0.51 | 44.01 | 6.48 | 6.47 | 0.00 | 100.00 |
| C\% | 9.46 | 9.97 | 12.88 | 14.86 | 7.64 | 7.14 | 0.00 | 10.89 |
| AVE-GRANT | \$454 | \$457 | \$456 | \$451 | \$458 | \$463 | \$0 | \$454 |
| \$600-899 | 112,395 | 45,030 | 1,827 | 165,932 | 37,942 | 38,061 | 0 | 401,187 |
| R\% | 28.02 | 11.22 | 0.46 | 41.36 | 9.46 | 9.49 | 0.00 | 100.00 |
| C\% | 11.45 | 11.06 | 14.84 | 17.85 | 14.24 | 13.38 | 0.00 | 13.92 |
| AVE-GRANT | \$751 | \$751 | \$729 | \$744 | \$730 | \$741 | \$0 | \$745 |
| \$900-1,199 | 131,439 | 61,244 | 1,876 | 158,259 | 57,824 | 67,993 | 0 | 478,635 |
| $\mathrm{R} \%$ | 27.46 | 12.80 | 0.39 | 33.06 | 12.08 | 14.21 | 0.00 | 100.00 |
| C\% | 13.39 | 15.04 | 15.24 | 17.03 | 21.71 | 23.89 | 0.00 | 16.61 |
| AVE-GRANT | \$1,038 | \$1,040 | \$1,043 | \$1,040 | \$1,041 | \$1,040 | \$0 | \$1,040 |
| \$1,200-1,499 | 120,903 | 42,626 | 1,626 | 156,411 | 39,919 | 45,025 | 0 | 406,510 |
| R\% | 29.74 | 10.49 | 0.40 | 38.48 | 9.82 | 11.08 | 0.00 | 100.00 |
| C\% | 12.32 | 10.47 | 13.21 | 16.83 | 14.99 | 15.82 | 0.00 | 14.11 |
| AVE-GRANT | \$1,347 | \$1,351 | \$1,365 | \$1,343 | \$1,385 | \$1,382 | \$0 | \$1,354 |
| \$1,500-1,799 | 147,731 | 54,385 | 978 | 123,016 | 15,891 | 18,574 | 0 | 360,575 |
| R\% | 40.97 | 15.08 | 0.27 | 34.12 | 4.41 | 5.15 | 0.00 | 100.00 |
| C\% | 15.05 | 13.35 | 7.94 | 13.24 | 5.97 | 6.53 | 0.00 | 12.51 |
| AVE-GRANT | \$1,651 | \$1,651 | \$1,646 | \$1,644 | \$1,644 | \$1,651 | \$0 | \$1,648 |
| \$1,800-2,099 | 167,463 | 56,043 | 932 | 57,152 | 14,825 | 14,819 | 0 | 311,234 |
| $\mathrm{R} \%$ | 53.81 | 18.01 | 0.30 | 18.36 | 4.76 | 4.76 | 0.00 | 100.00 |
| C\% | 17.06 | 13.76 | 7.57 | 6.15 | 5.57 | 5.21 | 0.00 | 10.80 |
| AVE-GRANT | \$1,952 | \$1,955 | \$1,945 | \$1,948 | \$1,957 | \$1,949 | \$0 | \$1,952 |
| \$2,100 | 174,520 | 93,312 | 2,838 | 77,798 | 71,563 | 71,717 | 0 | 491,748 |
| R\% | 35.49 | 18.98 | 0.58 | 15.82 | 14.55 | 14.58 | 0.00 | 100.00 |
| C\% | 17.78 | 22.91 | 23.05 | 8.37 | 26.87 | 25.20 | 0.00 | 17.07 |
| AVE-GRANT | \$2,100 | \$2,100 | \$2,100 | \$2,100 | \$2,100 | \$2,100 | \$2,100 | \$2,100 |
| TOTAL | 981,711 | 407,272 | 12,312 | 929,335 | 266,367 | 284,550 | 0 | 2,881,547 |
| R\% | 34.07 | 14.13 | 0.43 | 32.25 | 9.24 | 9.87 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |
| AVE-GRANT | \$1,398 | \$1,406 | \$1,282 | \$1,129 | \$1,354 | \$1,348 | \$0 | \$1,303 |

TABLE 20-B
DISTRIBUTION OF PELL GRANT RECIPIENTS AND AVERAGE GRANT
BY GRANT LEVEL AND TYPE OF INSTITUTION
DEPENDENT RECIPIENTS - AWARD YEAR 1987-88

| 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 | 22,003 | 8,213 | 226 | 16,303 | 2,039 | 1,677 | 0 | 50,461 |
| $\mathrm{R} \%$ | 43.60 | 16.28 | 0.45 | 32.31 | 4.04 | 3.32 | 0.00 | 100.00 |
| C\% | 29.96 | 21.52 | 39.72 | 89.18 | 13.98 | 14.35 | 0.00 | 32.19 |
| AVE-GRANT | \$227 | \$227 | \$215 | \$209 | \$204 | \$208 | \$0 | \$219 |
| \$300-599 | 59,964 | 22,965 | 557 | 43,682 | 4,968 | 4,425 | 0 | 136,561 |
| R\% | 43.91 | 16.82 | 0.41 | 31.99 | 3.64 | 3.24 | 0.00 | 100.00 |
| C\% | 81.64 | 60.16 | 97.89 | 238.95 | 34.06 | 37.87 | 0.00 | 87.13 |
| AVE-GRANT | \$453 | \$453 | \$455 | \$451 | \$460 | \$460 | \$0 | \$453 |
| \$600-899 | 70,985 | 27,387 | 610 | 54,792 | 8,204 | 7,343 | 0 | 169,321 |
| $\mathrm{R} \%$ | 41.92 | 16.17 | 0.36 | 32.36 | 4.85 | 4.34 | 0.00 | 100.00 |
| C\% | 12.28 | 12.17 | 15.15 | 18.14 | 13.40 | 13.64 | 0.00 | 13.83 |
| AVE-GRANT | \$749 | \$753 | \$726 | \$744 | \$725 | \$742 | \$0 | \$747 |
| \$900-1,199 | 78,397 | 31,124 | 629 | 56,972 | 12,529 | 12,023 | 0 | 191,674 |
| $\mathrm{R} \%$ | 40.90 | 16.24 | 0.33 | 29.72 | 6.54 | 6.27 | 0.00 | 100.00 |
| C\% | 13.56 | 13.84 | 15.62 | 18.86 | 20.47 | 22.34 | 0.00 | 15.66 |
| AVE-GRANT | \$1,041 | \$1,042 | \$1,041 | \$1,038 | \$1,038 | \$1,033 | \$0 | \$1,040 |
| \$1,200-1,499 | 82,798 | 28,583 | 556 | 59,299 | 8,132 | 7,484 | 0 | 186,852 |
| $\mathrm{R} \%$ | 44.31 | 15.30 | 0.30 | 31.74 | 4.35 | 4.01 | 0.00 | 100.00 |
| C\% | 14.32 | 12.71 | 13.81 | 19.63 | 13.29 | 13.91 | 0.00 | 15.26 |
| AVE-GRANT | \$1,344 | \$1,350 | \$1,356 | \$1,335 | \$1,372 | \$1,372 | \$0 | \$1,345 |
| \$1,500-1,799 | 91,318 | 34,973 | 411 | 36,378 | 4,624 | 4,248 | 0 | 171,952 |
| $\mathrm{R} \%$ | 53.11 | 20.34 | 0.24 | 21.16 | 2.69 | 2.47 | 0.00 | 100.00 |
| C\% | 15.80 | 15.55 | 10.21 | 12.04 | 7.56 | 7.89 | 0.00 | 14.05 |
| AVE-GRANT | \$1,649 | \$1,658 | \$1,654 | \$1,651 | \$1,653 | \$1,647 | \$0 | \$1,651 |
| \$1,800-2,099 | 99,214 | 33,533 | 469 | 16,387 | 6,122 | 4,930 | 0 | 160,655 |
| $\mathrm{R} \%$ | 61.76 | 20.87 | 0.29 | 10.20 | 3.81 | 3.07 | 0.00 | 100.00 |
| C\% | 17.16 | 14.91 | 11.65 | 5.42 | 10.00 | 9.16 | 0.00 | 13.12 |
| AVE-GRANT | \$1,961 | \$1,963 | \$1,953 | \$1,952 | \$1,966 | \$1,957 | \$0 | \$1,960 |
| \$2,100 | 73,447 | 38,171 | 569 | 18,281 | 14,585 | 11,686 | 0 | 156,739 |
| $\mathrm{R} \%$ | 46.86 | 24.35 | 0.36 | 11.66 | 9.31 | 7.46 | 0.00 | 100.00 |
| C\% | 12.70 | 16.97 | 14.13 | 6.05 | 23.83 | 21.71 | 0.00 | 12.80 |
| AVE-GRANT | \$2,100 | \$2,100 | \$2,100 | \$2,100 | \$2,100 | \$2,100 | \$0 | \$2,100 |
| TOTAL | 578,126 | 224,949 | 4,027 | 302,094 | 61,203 | 53,816 | 0 | 1,224,215 |
| R\% | 47.22 | 18.37 | 0.33 | 24.68 | 5.00 | 4.40 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |
| AVE-GRANT | \$1,346 | \$1,370 | \$1,230 | \$1,103 | \$1,364 | \$1,337 | \$0 | \$1,291 |

TABLE 20-C
DISTRIBUTION OF PELL GRANT RECIPIENTS AND AVERAGE GRANT
BY GRANT LEVEL AND TYPE OF INSTITUTION
INDEPENDENT RECIPIENTS - AWARD YEAR 1987-88

| 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 | 12,399 | 5,822 | 423 | 36,346 | 6,018 | 6,364 | 0 | 67,372 |
| R\% | 18.40 | 8.64 | 0.63 | 53.95 | 8.93 | 9.45 | 0.00 | 100.00 |
| C\% | 3.07 | 3.19 | 5.11 | 5.79 | 2.93 | 2.76 | 0.00 | 4.07 |
| AVE-GRANT | \$209 | \$208 | \$202 | \$201 | \$193 | \$210 | \$0 | \$203 |
| \$300-599 | 32,894 | 17,632 | 1,029 | 94,436 | 15,378 | 15,895 | 0 | 177,264 |
| R\% | 18.56 | 9.95 | 0.58 | 53.27 | 8.68 | 8.97 | 0.00 | 100.00 |
| C\% | 8.15 | 9.67 | 12.42 | 15.06 | 7.50 | 6.89 | 0.00 | 10.70 |
| AVE-GRANT | \$456 | \$462 | \$457 | \$451 | \$457 | \$464 | \$0 | \$455 |
| \$600-899 | 41,410 | 17,643 | 1,217 | 111,140 | 29,738 | 30,718 | 0 | 231,866 |
| $\mathrm{R} \%$ | 17.86 | 7.61 | 0.52 | 47.93 | 12.83 | 13.25 | 0.00 | 100.00 |
| C\% | 10.26 | 9.68 | 14.69 | 17.72 | 14.49 | 13.31 | 0.00 | 13.99 |
| AVE-GRANT | \$753 | \$748 | \$730 | \$743 | \$729 | \$741 | \$0 | \$743 |
| \$900-1,199 | 53,042 | 30,120 | 1,247 | 101,287 | 45,295 | 55,970 | 0 | 286,961 |
| $\mathrm{R} \%$ | 18.48 | 10.50 | 0.43 | 35.30 | 15.78 | 19.50 | 0.00 | 100.00 |
| C\% | 13.14 | 16.52 | 15.05 | 16.15 | 22.08 | 24.26 | 0.00 | 17.31 |
| AVE-GRANT | \$1,033 | \$1,039 | \$1,044 | \$1,042 | \$1,042 | \$1,041 | \$0 | \$1,040 |
| \$1,200-1,499 | 38,105 | 14,043 | 1,070 | 97,112 | 31,787 | 37,541 | 0 | 219,658 |
| R\% | 17.35 | 6.39 | 0.49 | 44.21 | 14.47 | 17.09 | 0.00 | 100.00 |
| C\% | 9.44 | 7.70 | 12.91 | 15.48 | 15.49 | 16.27 | 0.00 | 13.25 |
| AVE-GRANT | \$1,354 | \$1,353 | \$1,369 | \$1,348 | \$1,389 | \$1,384 | \$0 | \$1,361 |
| \$1,500-1,799 | 56,413 | 19,412 | 567 | 86,638 | 11,267 | 14,326 | 0 | 188,623 |
| $\mathrm{R} \%$ | 29.91 | 10.29 | 0.30 | 45.93 | 5.97 | 7.60 | 0.00 | 100.00 |
| C\% | 13.98 | 10.65 | 6.84 | 13.81 | 5.49 | 6.21 | 0.00 | 11.38 |
| AVE-GRANT | \$1,655 | \$1,638 | \$1,640 | \$1,641 | \$1,640 | \$1,652 | \$0 | \$1,646 |
| \$1,800-2,099 | 68,249 | 22,510 | 463 | 40,765 | 8,703 | 9,889 | 0 | 150,579 |
| R\% | 45.32 | 14.95 | 0.31 | 27.07 | 5.78 | 6.57 | 0.00 | 100.00 |
| C\% | 16.91 | 12.35 | 5.59 | 6.50 | 4.24 | 4.29 | 0.00 | 9.09 |
| AVE-GRANT | \$1,940 | \$1,944 | \$1,936 | \$1,946 | \$1,950 | \$1,945 | \$0 | \$1,843 |
| \$2,100 | 101,073 | 55,141 | 2,269 | 59,517 | 56,978 | 60,031 | 0 | 335,009 |
| $\mathrm{R} \%$ | 30.17 | 16.46 | 0.68 | 17.77 | 17.01 | 17.92 | 0.00 | 100.00 |
| C\% | 25.04 | 30.24 | 27.39 | 9.49 | 27.77 | 26.02 | 0.00 | 20.21 |
| AVE-GRANT | \$2,100 | \$2,100 | \$2,100 | \$2,100 | \$2,100 | \$2,100 | \$2,100 | \$2,100 |
| TOTAL | 403,585 | 182,323 | 8,285 | 627,241 | 205,164 | 230,734 | 0 | 1,657,332 |
| R\% | 24.35 | 11.00 | 0.50 | 37.85 | 12.38 | 13.92 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |
| AVE-GRANT | \$1,471 | \$1,451 | \$1,307 | \$1,142 | \$1,351 | \$1,350 | \$0 | \$1,312 |

Table 21

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

Award Period 1987-88<br>21A - Total<br>21B - Dependent<br>21C - Independent

Tables 21A, 21B, and 21C 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 21A 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
$\$ 3,300$, 47 percent received a grant of $\$ 1,500$ or greater, while 24 percent were awarded a grant less than $\$ 900$. By 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 42 percent were given a grant of less than $\$ 900$.

A comparison of Tables 21B and 21C reveals that the educational costs of dependents and independents were approximately the same. For example, 66 percent of dependents had costs greater than $\$ 3,300$; 65 percent of independents had costs in this range. About 12 percent of the dependent population were enrolled in schools with costs less than $\$ 2,401$; 9 percent of the independents were enrolled in these low cost institutions.

TABLE 21-A
DISTRIBUTION OF PELL GRANT RECIPIENTS BY EDUCATIONAL COST AND GRANT LEVEL ALL RECIPIENTS - AWARD YEAR 1987-88

|  | GRANT LEVEL |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EDUCATIONAL COST | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,099 | \$2,100 | TOTAL |
| LESS THAN \$400 | 32 | 53 | 71 | 54 | 34 | 39 | 39 | 82 | 404 |
| R\% | 7.92 | 13.12 | 17.57 | 13.37 | 8.42 | 9.65 | 9.65 | 20.30 | 100.00 |
| C\% | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 |
| \$400-1,500 | 4,494 | 3,406 | 1,245 | 1,821 | 10 | 11 | 1 | 1 | 10,989 |
| R \% | 40.90 | 30.99 | 11.33 | 16.57 | 0.09 | 0.10 | 0.01 | 0.01 | 100.00 |
| C\% | 3.81 | 1.09 | 0.31 | 0.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 |
| \$1,501-1,800 | 3,519 | 7,554 | 6,661 | 12,895 | 10 | 5 | 9 | 0 | 30,653 |
| $\mathrm{R} \%$ | 11.48 | 24.64 | 21.73 | 42.07 | 0.03 | 0.02 | 0.03 | 0.00 | 100.00 |
| C\% | 2.99 | 2.41 | 1.66 | 2.69 | 0.00 | 0.00 | 0.00 | 0.00 | 1.06 |
| \$1,801-2,100 | 7,643 | 19,362 | 21,501 | 22,023 | 28,065 | 49 | 13 | 9 | 98,665 |
| R\% | 7.75 | 19.62 | 21.79 | 22.32 | 28.44 | 0.05 | 0.01 | 0.01 | 100.00 |
| C\% | 6.49 | 6.17 | 5.36 | 4.60 | 6.90 | 0.01 | 0.00 | 0.00 | 3.42 |
| \$2,101-2,400 | 8,516 | 26,518 | 31,423 | 24,837 | 66,922 | 133 | 84 | 44 | 158,477 |
| $\mathrm{R} \%$ | 5.37 | 16.73 | 19.83 | 15.67 | 42.23 | 0.08 | 0.05 | 0.03 | 100.00 |
| C\% | 7.23 | 8.45 | 7.83 | 5.19 | 16.46 | 0.04 | 0.03 | 0.01 | 5.50 |
| \$2,401-2,700 | 9,283 | 28,196 | 35,344 | 23,164 | 29,337 | 53,489 | 181 | 204 | 179,198 |
| $\mathrm{R} \%$ | 5.18 | 15.73 | 19.72 | 12.93 | 16.37 | 29.85 | 0.10 | 0.11 | 100.00 |
| C\% | 7.88 | 8.98 | 8.81 | 4.84 | 7.22 | 14.83 | 0.06 | 0.04 | 6.22 |
| \$2,701-3,000 | 12,912 | 37,142 | 56,409 | 28,615 | 34,907 | 121,417 | 2,568 | 362 | 294,332 |
| R\% | 4.39 | 12.62 | 19.17 | 9.72 | 11.86 | 41.25 | 0.87 | 0.12 | 100.00 |
| C\% | 10.96 | 11.84 | 14.06 | 5.98 | 8.59 | 33.67 | 0.83 | 0.07 | 10.21 |
| \$3,001-3,300 | 8,834 | 23,203 | 23,659 | 36,709 | 23,709 | 22,412 | 81,978 | 649 | 221,153 |
| $\mathrm{R} \%$ | 3.99 | 10.49 | 10.70 | 16.60 | 10.72 | 10.13 | 37.07 | 0.29 | 100.00 |
| C\% | 7.50 | 7.39 | 5.90 | 7.67 | 5.83 | 6.22 | 26.34 | 0.13 | 7.67 |
| \$3,301-3,500 | 7,473 | 20,325 | 21,731 | 34,015 | 19,509 | 23,655 | 74,089 | 11,278 | 212,075 |
| $\mathrm{R} \%$ | 3.52 | 9.58 | 10.25 | 16.04 | 9.20 | 11.15 | 34.94 | 5.32 | 100.00 |
| C\% | 6.34 | 6.48 | 5.42 | 7.11 | 4.80 | 6.56 | 23.80 | 2.29 | 7.36 |
| \$3,501 + | 55,127 | 148,066 | 203,143 | 294,502 | 204,007 | 139,365 | 152,272 | 479,119 | 1,675,601 |
| R\% | 3.29 | 8.84 | 12.12 | 17.58 | 12.18 | 8.32 | 9.09 | 28.59 | 100.00 |
| C\% | 46.78 | 47.18 | 50.64 | 61.53 | 50.18 | 38.65 | 48.93 | 97.43 | 58.15 |
| TOTAL | 117,833 | 313,825 | 401,187 | 478,635 | 406,510 | 360,575 | 311,234 | 491,748 | 2,881,547 |
| $\mathrm{R} \%$ | 4.09 | 10.89 | 13.92 | 16.61 | 14.11 | 12.51 | 10.80 | 17.07 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 21-B
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY EDUCATIONAL COST AND GRANT LEVEL
DEPENDENT RECIPIENTS - AWARD YEAR 1987-88

|  | GRANT LEVEL |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EDUCATIONAL COST | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,099 | \$2,100 | TOTAL |
| LESS THAN \$400 | 9 | 22 | 34 | 27 | 18 | 21 | 27 | 42 | 200 |
| R\% | 4.50 | 11.00 | 17.00 | 13.50 | 9.00 | 10.50 | 13.50 | 21.00 | 100.00 |
| C\% | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.02 |
| \$400-1,500 | 359 | 285 | 194 | 1,384 | 7 | 4 | 0 | 0 | 2,233 |
| R \% | 16.08 | 12.76 | 8.69 | 61.98 | 0.31 | 0.18 | 0.00 | 0.00 | 100.00 |
| C\% | 0.71 | 0.21 | 0.11 | 0.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.18 |
| \$1,501-1,800 | 2,074 | 4,865 | 5,023 | 10,333 | 4 | 4 | 4 | 0 | 22,307 |
| R\% | 9.30 | 21.81 | 22.52 | 46.32 | 0.02 | 0.02 | 0.02 | 0.00 | 100.00 |
| C\% | 4.11 | 3.56 | 2.97 | 5.39 | 0.00 | 0.00 | 0.00 | 0.00 | 1.82 |
| \$1,801-2,100 | 2,724 | 7,375 | 7,959 | 10,403 | 11,679 | 25 | 4 | 5 | 40,174 |
| $\mathrm{R} \%$ | 6.78 | 18.36 | 19.81 | 25.89 | 29.07 | 0.06 | 0.01 | 0.01 | 100.00 |
| C\% | 5.40 | 5.40 | 4.70 | 5.43 | 6.25 | 0.01 | 0.00 | 0.00 | 3.28 |
| \$2,101-2,400 | 3,562 | 11,753 | 15,586 | 13,239 | 42,330 | 75 | 43 | 30 | 86,618 |
| $\mathrm{R} \%$ | 4.11 | 13.57 | 17.99 | 15.28 | 48.87 | 0.09 | 0.05 | 0.03 | 100.00 |
| C\% | 7.06 | 8.61 | 9.21 | 6.91 | 22.65 | 0.04 | 0.03 | 0.02 | 7.08 |
| \$2,401-2,700 | 2,764 | 7,710 | 11,821 | 7,458 | 12,275 | 23,899 | 80 | 99 | 66,106 |
| R\% | 4.18 | 11.66 | 17.88 | 11.28 | 18.57 | 36.15 | 0.12 | 0.15 | 100.00 |
| C\% | 5.48 | 5.65 | 6.98 | 3.89 | 6.57 | 13.90 | 0.05 | 0.06 | 5.40 |
| \$2,701-3,000 | 4,587 | 12,993 | 21,463 | 11,996 | 15,128 | 49,648 | 847 | 156 | 116,818 |
| R\% | 3.93 | 11.12 | 18.37 | 10.27 | 12.95 | 42.50 | 0.73 | 0.13 | 100.00 |
| C\% | 9.09 | 9.51 | 12.68 | 6.26 | 8.10 | 28.87 | 0.53 | 0.10 | 9.54 |
| \$3,001-3,300 | 3,566 | 8,920 | 9,899 | 14,043 | 9,744 | 10,686 | 29,072 | 309 | 86,239 |
| R\% | 4.14 | 10.34 | 11.48 | 16.28 | 11.30 | 12.39 | 33.71 | 0.36 | 100.00 |
| C\% | 7.07 | 6.53 | 5.85 | 7.33 | 5.21 | 6.21 | 18.10 | 0.20 | 7.04 |
| \$3,301-3,500 | 3,102 | 8,344 | 9,805 | 12,655 | 9,569 | 11,219 | 29,309 | 4,334 | 88,337 |
| R\% | 3.51 | 9.45 | 11.10 | 14.33 | 10.83 | 12.70 | 33.18 | 4.91 | 100.00 |
| C\% | 6.15 | 6.11 | 5.79 | 6.60 | 5.12 | 6.52 | 18.24 | 2.77 | 7.22 |
| \$3,501 + | 27,714 | 74,294 | 87,537 | 110,136 | 86,098 | 76,371 | 101,269 | 151,764 | 715,183 |
| R\% | 3.88 | 10.39 | 12.24 | 15.40 | 12.04 | 10.68 | 14.16 | 21.22 | 100.00 |
| C\% | 54.92 | 54.40 | 51.70 | 57.46 | 46.08 | 44.41 | 63.04 | 96.83 | 58.42 |
| TOTAL | 50,461 | 136,561 | 169,321 | 191,674 | 186,852 | 171,952 | 160,655 | 156,739 | 1,224,215 |
| $\mathrm{R} \%$ | 4.12 | 11.15 | 13.83 | 15.66 | 15.26 | 14.05 | 13.12 | 12.80 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 21-C
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY EDUCATIONAL COST AND GRANT LEVEL INDEPENDENT RECIPIENTS - AWARD YEAR 1987-88

| EDUCATIONAL COST | GRANT LEVEL |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,099 | \$2,100 | TOTAL |
| LESS THAN \$400 | 23 | 31 | 37 | 27 | 16 | 18 | 12 | 40 | 204 |
| R\% | 11.27 | 15.20 | 18.14 | 13.24 | 7.84 | 8.82 | 5.88 | 19.61 | 100.00 |
| C\% | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| \$400-1,500 | 4,135 | 3,121 | 1,051 | 437 | 3 | 7 | 1 | 1 | 8,756 |
| R\% | 47.22 | 35.64 | 12.00 | 4.99 | 0.03 | 0.08 | 0.01 | 0.01 | 100.00 |
| C\% | 6.14 | 1.76 | 0.45 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.53 |
| \$1,501-1,800 | 1,445 | 2,689 | 1,638 | 2,562 | 6 | 1 | 5 | 0 | 8,346 |
| R\% | 17.31 | 32.22 | 19.63 | 30.70 | 0.07 | 0.01 | 0.06 | 0.00 | 100.00 |
| C\% | 2.14 | 1.52 | 0.71 | 0.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 |
| \$1,801-2,100 | 4,919 | 11,987 | 13,542 | 11,620 | 16,386 | 24 | 9 | 4 | 58,491 |
| R\% | 8.41 | 20.49 | 23.15 | 19.87 | 28.01 | 0.04 | 0.02 | 0.01 | 100.00 |
| C\% | 7.30 | 6.76 | 5.84 | 4.05 | 7.46 | 0.01 | 0.01 | 0.00 | 3.53 |
| \$2,101-2,400 | 4,954 | 14,765 | 15,837 | 11,598 | 24,592 | 58 | 41 | 14 | 71,859 |
| R\% | 6.89 | 20.55 | 22.04 | 16.14 | 34.22 | 0.08 | 0.06 | 0.02 | 100.00 |
| C\% | 7.35 | 8.33 | 6.83 | 4.04 | 11.20 | 0.03 | 0.03 | 0.00 | 4.34 |
| \$2,401-2,700 | 6,519 | 20,486 | 23,523 | 15,706 | 17,062 | 29,590 | 101 | 105 | 113,092 |
| $\mathrm{R} \%$ | 5.76 | 18.11 | 20.80 | 13.89 | 15.09 | 26.16 | 0.09 | 0.09 | 100.00 |
| C\% | 9.68 | 11.56 | 10.15 | 5.47 | 7.77 | 15.69 | 0.07 | 0.03 | 6.82 |
| \$2,701-3,000 | 8,325 | 24,149 | 34,946 | 16,619 | 19,779 | 71,769 | 1,721 | 206 | 177,514 |
| R\% | 4.69 | 13.60 | 19.69 | 9.36 | 11.14 | 40.43 | 0.97 | 0.12 | 100.00 |
| C\% | 12.36 | 13.62 | 15.07 | 5.79 | 9.00 | 38.05 | 1.14 | 0.06 | 10.71 |
| \$3,001-3,300 | 5,268 | 14,283 | 13,760 | 22,666 | 13,965 | 11,726 | 52,906 | 340 | 134,914 |
| R\% | 3.90 | 10.59 | 10.20 | 16.80 | 10.35 | 8.69 | 39.21 | 0.25 | 100.00 |
| C\% | 7.82 | 8.06 | 5.93 | 7.90 | 6.36 | 6.22 | 35.14 | 0.10 | 8.14 |
| \$3,301-3,500 | 4,371 | 11,981 | 11,926 | 21,360 | 9,940 | 12,436 | 44,780 | 6,944 | 123,738 |
| $\mathrm{R} \%$ | 3.53 | 9.68 | 9.64 | 17.26 | 8.03 | 10.05 | 36.19 | 5.61 | 100.00 |
| C\% | 6.49 | 6.76 | 5.14 | 7.44 | 4.53 | 6.59 | 29.74 | 2.07 | 7.47 |
| \$3,501 + | 27,413 | 73,772 | 115,606 | 184,366 | 117,909 | 62,994 | 51,003 | 327,355 | 960,418 |
| $\mathrm{R} \%$ | 2.85 | 7.68 | 12.04 | 19.20 | 12.28 | 6.56 | 5.31 | 34.08 | 100.00 |
| C\% | 40.69 | 41.62 | 49.86 | 64.25 | 53.68 | 33.40 | 33.87 | 97.72 | 57.95 |
| TOTAL | 67,372 | 177,264 | 231,866 | 286,961 | 219,658 | 188,623 | 150,579 | 335,009 | 1,657,332 |
| R\% | 4.07 | 10.70 | 13.99 | 17.31 | 13.25 | 11.38 | 9.09 | 20.21 | 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 1987-88

Tables 22 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 example, New York and California together had 512,322 recipients attending schools within their boundaries, or 18 percent of the total number of Pell Grant recipients. In contrast, the following nine states had fewer than 10,000 recipients each; and together accounted for 2 percent of all recipients: Alaska, Hawaii, Maine, Nevada, New Hampshire, Rhode Island, Vermont, and Wyoming.

An examination of the general enrollment pattern shows that approximately 57 percent of the total recipient population attended public institutions, 18 percent attended private, non-profit institutions, and 25 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 three-fourths 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 states, a relatively large percentage of recipients attended private, non-profit institutions. For example, in Massachusetts, New Hampshire, 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, and the then U.S. Trust Territories.)

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

Figure 13 graphically depicts the number of Pell Grant recipients by state and control of institution.


TABLE 22
DISTRIBUTION OF PELL GRANT RECIPIENTS BY STATE AND CONTROL OF INSTITUTION AWARD YEAR 1987-88

|  | PUBLIC |  | PRIVATE NON-PROFIT |  | PRIVATE PROFIT-MAKING |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECIPS | AWARDS | RECIPS | AWARDS | RECIPS | AWARDS | RECIPS | AWARDS |
| ALABAMA | 40,034 | \$44,786,139 | 6,851 | \$10,073,147 | 16,371 | \$24,493,039 | 63,256 | \$79,352,325 |
| ALASKA | 1,504 | 1,895,593 | 218 | 322,791 | 614 | 905,902 | 2,336 | 3,124,286 |
| ARIZONA | 23,436 | 27,828,247 | 1,318 | 2,050,103 | 37,490 | 44,674,815 | 62,244 | 74,553,165 |
| ARKANSAS | 22,239 | 27,477,606 | 3,539 | 5,218,342 | 10,312 | 14,938,619 | 36,090 | 47,634,567 |
| CALIFORNIA | 134,138 | 150,557,885 | 22,467 | 31,805,849 | 71,953 | 104,685,439 | 228,558 | 287,049,173 |
| COLORADO | 24,764 | 32,599,245 | 1,385 | 1,830,322 | 9,954 | 12,936,147 | 36,103 | 47,365,714 |
| CONNECTICUT | 5,818 | 7,002,448 | 3,033 | 4,165,069 | 8,260 | 10,121,913 | 17,111 | 21,289,430 |
| DELAWARE | 2,727 | 3,203,457 | 490 | 606,055 | 16,009 | 16,270,019 | 19,226 | 20,079,531 |
| DISTRICT OF COLUMBIA | 714 | 750,582 | 4,492 | 6,399,116 | 6,712 | 10,098,360 | 11,918 | 17,248,058 |
| FLORIDA | 53,897 | 60,465,986 | 15,087 | 21,579,936 | 44,556 | 62,313,261 | 113,540 | 144,359,183 |
| GEORGIA | 25,414 | 29,806,073 | 9,252 | 12,711,307 | 12,265 | 15,606,063 | 46,931 | 58,123,443 |
| HAWAII | 2,956 | 3,423,223 | 1,118 | 1,669,667 | 696 | 874,247 | 4,770 | 5,967,137 |
| IDAHO | 9,626 | 12,702,129 | 2,830 | 3,939,383 | 954 | 1,284,729 | 13,410 | 17,926,241 |
| ILLINOIS | 74,832 | 89,077,352 | 26,051 | 35,745,834 | 29,977 | 43,193,692 | 130,860 | 168,016,878 |
| INDIANA | 36,059 | 44,273,734 | 8,958 | 11,850,558 | 9,578 | 12,550,377 | 54,595 | 68,674,669 |
| IOWA | 29,157 | 38,105,007 | 12,131 | 17,083,600 | 5,284 | 7,194,592 | 46,572 | 62,383,199 |
| KANSAS | 24,065 | 29,528,724 | 9,843 | 11,018,305 | 3,627 | 4,919,343 | 37,535 | 45,466,372 |
| KENTUCKY | 28,400 | 34,945,931 | 7,326 | 10,770,313 | 13,048 | 18,253,710 | 48,774 | 63,969,954 |
| LOUISIANA | 45,082 | 59,426,536 | 4,514 | 6,641,427 | 24,080 | 35,101,237 | 73,676 | 101,169,200 |
| MAINE | 6,619 | 8,822,094 | 1,577 | 2,101,925 | 900 | 1,191,210 | 9,096 | 12,115,229 |
| MARYLAND | 22,996 | 27,255,516 | 2,592 | 3,707,587 | 6,640 | 8,644,613 | 32,228 | 39,607,716 |
| MASSACHUSETTS | 23,591 | 29,349,677 | 17,135 | 23,364,353 | 4,042 | 5,271,399 | 44,768 | 57,985,429 |
| MICHIGAN | 70,937 | 84,756,318 | 20,432 | 27,632,678 | 17,804 | 25,786,578 | 109,173 | 138,175,574 |
| minNesota | 51,343 | 68,681,063 | 8,828 | 11,724,955 | 4,241 | 5,215,210 | 64,412 | 85,621,228 |
| MISSISSIPPI | 33,457 | 45,253,740 | 3,605 | 5,545,894 | 4,222 | 5,870,810 | 41,284 | 56,670,444 |
| MISSOURI | 33,196 | 40,908,690 | 14,046 | 18,171,718 | 17,627 | 25,508,150 | 64,869 | 84,588,558 |
| MONTANA | 11,251 | 14,869,162 | 1,552 | 2,023,931 | 528 | 712,395 | 13,331 | 17,605,488 |
| NEBRASKA | 19,357 | 23,780,901 | 3,726 | 5,097,851 | 2,188 | 2,905,031 | 25,271 | 31,783,783 |
| NEVADA | 3,396 | 3,658,791 | 83 | 127,917 | 4,663 | 6,337,793 | 8,142 | 10,124,501 |
| NEW HAMPSHIRE | 2,600 | 3,372,915 | 1,593 | 1,988,144 | 509 | 594,047 | 4,702 | 5,955,106 |
| NEW JERSEY | 25,537 | 33,291,177 | 5,823 | 8,409,610 | 14,897 | 19,158,945 | 46,257 | 60,859,732 |
| NEW MEXICO | 16,971 | 20,660,999 | 513 | 739,639 | 2,021 | 3,013,720 | 19,505 | 24,414,358 |
| NEW YORK | 126,509 | 170,986,250 | 68,386 | 103,943,912 | 88,869 | 108,310,485 | 283,764 | 383,240,647 |
| NORTH CAROLINA | 34,408 | 38,576,028 | 10,647 | 15,194,290 | 8,344 | 11,183,929 | 53,399 | 64,954,247 |
| NORTH DAKOTA | 11,506 | 16,283,774 | 1,766 | 2,558,175 | 740 | 999,575 | 14,012 | 19,841,524 |
| OHIO | 68,765 | 84,748,133 | 19,752 | 27,734,395 | 41,577 | 55,531,369 | 130,094 | 168,013,897 |
| OKLAHOMA | 33,832 | 40,449,532 | 4,855 | 6,906,439 | 9,959 | 14,156,137 | 48,646 | 61,512,108 |
| OREGON | 26,452 | 34,438,720 | 3,276 | 4,759,244 | 4,045 | 5,581,700 | 33,773 | 44,779,664 |
| PENNSYLVANIA | 59,101 | 76,937,375 | 27,784 | 37,294,694 | 31,586 | 44,289,564 | 118,471 | 158,521,633 |
| RHODE ISLAND | 4,101 | 5,150,821 | 3,256 | 4,329,495 | 1,271 | 1,619,628 | 8,628 | 11,099,944 |
| SOUTH CAROLINA | 20,359 | 23,606,882 | 6,606 | 9,878,263 | 6,305 | 8,455,399 | 33,270 | 41,940,544 |
| SOUTH DAKOTA | 10,805 | 15,414,912 | 2,234 | 3,113,325 | 3,409 | 4,937,931 | 16,448 | 23,466,168 |
| TENNESSEE | 30,505 | 36,133,710 | 12,458 | 18,093,453 | 12,918 | 18,063,077 | 55,881 | 72,290,240 |
| TEXAS | 108,000 | 116,128,414 | 14,119 | 20,044,078 | 59,866 | 85,351,211 | 181,985 | 221,523,703 |
| UTAH | 17,792 | 22,203,655 | 8,192 | 13,922,548 | 3,151 | 4,207,887 | 29,135 | 40,334,090 |
| VERMONT | 2,864 | 3,449,236 | 1,916 | 2,568,852 | 93 | 136,412 | 4,873 | 6,154,500 |
| VIRGINIA | 28,631 | 34,598,340 | 7,131 | 9,953,711 | 6,580 | 8,697,178 | 42,342 | 53,249,229 |
| WASHINGTON | 35,089 | 43,659,756 | 5,540 | 8,041,990 | 7,807 | 11,019,095 | 48,436 | 62,720,841 |
| WEST VIRGINIA | 14,467 | 18,585,102 | 2,693 | 3,809,537 | 4,571 | 5,823,804 | 21,731 | 28,218,443 |
| WISCONSIN | 47,095 | 62,122,325 | 6,702 | 9,212,735 | 2,734 | 3,684,552 | 56,531 | 75,019,612 |
| WYOMING | 5,247 | 6,449,360 | 0 | 0 | 1,166 | 1,648,395 | 6,413 | 8,097,755 |
| ALL OTHERS | 40,015 | 49,390,924 | 86,917 | 146,065,400 | 36,240 | 54,634,697 | 163,172 | 250,091,021 |

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

Award Period 1987-88

Table 23 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 1987-88.

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 accounted for 50 percent of the total number of Pell Grant recipients: California, Florida, lllinois, Michigan, New York, Ohio, Pennsylvania, Texas, plus the "All Others" category, most of whom reside in Puerto Rico. Over 100,000 recipients resided in each of these eight states.

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 island, Vermont, and Wyoming. The students residing in these nine states represented 1.8 percent of all recipients.

A comparison with the recipient data from Table 22 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, Kansas, Kentucky, Massachusetts, New Hampshire, North Carolina, Rhode Island, Tennessee, and Utah.

On the other hand, the comparison indicates that over 10 percent more recipients resided in each of the following ten jurisdictions than were enrolled in an institution in them: Alaska, Maine, Maryland, Mississippi, Montana, Nevada, 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 $1986-87$ data shows that in 48 states the number of recipients increased, and in only 2 the number declined.

TABLE 23
DISTRIBUTION OF PELL GRANT RECIPIENTS

## BY RECIPIENTS' STATE OF LEGAL RESIDENCE AND CONTROL OF INSTITUTION AWARD YEAR 1987-88

|  | PUBLIC |  | PRIVATE NON-PROFIT |  | PRIVATE PROFIT-MAKING |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECIPS | AWARDS | RECIPS | AWARDS | RECIPS | AWARDS | RECIPS | AWARDS |
| ALABAMA | 37,785 | \$41,869,680 | 5,720 | \$8,275,488 | 18,028 | \$25,722,130 | 61,533 | \$75,867,298 |
| ALASKA | 2,825 | 3,629,803 | 790 | 1,170,721 | 831 | 1,174,808 | 4,446 | 5,975,332 |
| ARIZONA | 21,710 | 25,459,217 | 2,375 | 3,514,843 | 14,814 | 20,030,946 | 38,899 | 49,005,006 |
| ARKANSAS | 20,808 | 25,624,828 | 3,399 | 4,874,509 | 7,655 | 10,015,569 | 31,862 | 40,514,906 |
| CALIFORNIA | 134,289 | 150,931,562 | 23,244 | 33,433,224 | 77,998 | 112,465,537 | 235,531 | 296,830,323 |
| colorado | 24,233 | 31,812,716 | 2,908 | 4,039,241 | 11,076 | 14,223,548 | 38,217 | 50,075,505 |
| CONNECTICUT | 6,244 | 7,540,805 | 3,834 | 5,054,558 | 4,362 | 6,474,846 | 14,440 | 19,070,209 |
| DELAWARE | 2,277 | 2,591,248 | 619 | 785,294 | 737 | 892,626 | 3,633 | 4,269,168 |
| DISTRICT OF COLUMBIA | 1,482 | 1,805,206 | 1,346 | 1,944,363 | 4,622 | 6,458,954 | 7,450 | 10,208,523 |
| FLORIDA | 54,789 | 61,589,729 | 16,170 | 23,159,279 | 38,152 | 51,884,984 | 109,111 | 136,633,992 |
| GEORGIA | 26,029 | 30,741,290 | 8,155 | 11,135,531 | 16,980 | 22,866,194 | 51,164 | 64,743,015 |
| HAWAII | 3,110 | 3,666,983 | 1,155 | 1,693,501 | 894 | 1,105,563 | 5,159 | 6,466,047 |
| IDAHO | 9,907 | 13,026,871 | 2,696 | 3,912,184 | 1,566 | 2,054,937 | 14,169 | 18,993,992 |
| ILLINOIS | 78,255 | 94,582,558 | 29,012 | 39,981,170 | 33,396 | 48,501,092 | 140,663 | 183,064,820 |
| INDIANA | 35,505 | 43,508,893 | 8,289 | 11,004,730 | 11,206 | 14,320,204 | 55,000 | 68,833,827 |
| IOWA | 29,657 | 38,672,169 | 11,278 | 15,757,688 | 5,056 | 6,738,330 | 45,991 | 61,168,187 |
| KANSAS | 22,768 | 27,719,156 | 4,575 | 6,142,744 | 4,654 | 6,414,999 | 31,997 | 40,276,899 |
| KENTUCKY | 27,558 | 33,538,440 | 7,187 | 10,409,143 | 10,498 | 13,549,546 | 45,243 | 57,497,129 |
| LOUISIANA | 43,436 | 56,863,812 | 4,587 | 6,810,345 | 31,210 | 44,376,965 | 79,233 | 108,051,122 |
| MAINE | 6,721 | 8,946,286 | 2,337 | 3,092,109 | 1,115 | 1,441,506 | 10,173 | 13,479,901 |
| MARYLAND | 19,607 | 24,373,759 | 4,105 | 5,818,710 | 12,251 | 16,729,185 | 35,963 | 46,921,654 |
| MASSACHUSETTS | 23,699 | 29,482,039 | 13,041 | 17,649,242 | 3,948 | 5,041,460 | 40,688 | 52,172,741 |
| MICHIGAN | 71,723 | 85,925,753 | 22,786 | 30,738,929 | 20,886 | 28,910,580 | 115,395 | 145,575,262 |
| minnesota | 50,356 | 67,404,795 | 7,964 | 10,647,434 | 4,498 | 5,624,067 | 62,818 | 83,676,296 |
| MISSISSIPPI | 32,500 | 43,798,548 | 3,895 | 5,994,262 | 9,275 | 12,538,416 | 45,670 | 62,331,226 |
| MISSOURI | 32,988 | 40,447,140 | 11,442 | 14,774,428 | 15,392 | 21,617,676 | 59,822 | 76,839,244 |
| MONTANA | 11,674 | 15,385,447 | 2,364 | 3,215,409 | 1,160 | 1,553,950 | 15,198 | 20,154,806 |
| NEBRASKA | 19,616 | 24,086,977 | 3,489 | 4,827,426 | 2,449 | 3,236,498 | 25,554 | 32,150,901 |
| NEVADA | 3,480 | 3,729,136 | 486 | 698,172 | 5,283 | 7,100,171 | 9,249 | 11,527,479 |
| NEW HAMPSHIRE | 2,277 | 2,951,782 | 1,440 | 1,822,843 | 485 | 555,158 | 4,202 | 5,329,783 |
| NEW JERSEY | 27,693 | 36,132,265 | 10,143 | 14,265,030 | 17,318 | 21,333,726 | 55,154 | 71,731,021 |
| NEW MEXICO | 16,733 | 20,484,770 | 1,130 | 1,547,874 | 4,509 | 6,116,505 | 22,372 | 28,149,149 |
| NEW YORK | 129,343 | 174,573,357 | 69,480 | 105,613,418 | 82,442 | 102,865,378 | 281,265 | 383,052,153 |
| NORTH CAROLINA | 32,504 | 36,039,840 | 8,157 | 11,573,772 | 7,278 | 9,375,229 | 47,939 | 56,988,841 |
| NORTH DAKOTA | 10,818 | 15,192,432 | 1,549 | 2,167,287 | 823 | 1,091,496 | 13,190 | 18,451,215 |
| OHIO | 69,066 | 85,148,094 | 20,509 | 28,407,054 | 47,143 | 62,348,279 | 136,718 | 175,903,427 |
| OKLAHOMA | 32,893 | 39,068,253 | 4,027 | 5,602,279 | 11,684 | 16,279,204 | 48,604 | 60,949,736 |
| OREGON | 25,466 | 33,007,796 | 3,897 | 5,554,200 | 4,635 | 6,266,533 | 33,998 | 44,828,529 |
| PENNSYLVANIA | 59,873 | 77,729,598 | 28,237 | 37,948,586 | 29,740 | 39,079,033 | 117,850 | 154,757,217 |
| RHODE ISLAND | 4,086 | 5,101,539 | 2,058 | 2,742,481 | 1,174 | 1,468,575 | 7,318 | 9,312,595 |
| SOUTH CAROLINA | 19,910 | 23,222,000 | 7,163 | 10,707,893 | 7,742 | 10,548,079 | 34,815 | 44,477,972 |
| SOUTH DAKOTA | 11,196 | 15,962,178 | 2,453 | 3,417,290 | 1,592 | 2,223,920 | 15,241 | 21,603,388 |
| TENNESSEE | 29,509 | 34,642,080 | 8,952 | 12,843,644 | 12,360 | 16,123,660 | 50,821 | 63,609,384 |
| TEXAS | 106,395 | 114,424,137 | 17,223 | 22,957,330 | 63,423 | 88,873,094 | 187,041 | 226,254,561 |
| UTAH | 16,920 | 20,995,194 | 4,934 | 8,254,811 | 3,211 | 4,223,441 | 25,065 | 33,473,446 |
| VERMONT | 2,874 | 3,458,914 | 1,767 | 2,356,558 | 193 | 259,596 | 4,834 | 6,075,068 |
| VIRGINIA | 27,051 | 32,362,839 | 5,923 | 8,337,357 | 8,670 | 11,270,605 | 41,644 | 51,970,801 |
| WASHINGTON | 35,218 | 43,775,716 | 6,266 | 9,138,280 | 8,975 | 12,415,918 | 50,459 | 65,329,914 |
| WEST VIRGINIA | 13,081 | 16,601,092 | 2,680 | 3,761,752 | 4,041 | 5,168,656 | 19,802 | 25,531,500 |
| WISCONSIN | 46,174 | 60,770,167 | 7,276 | 10,001,379 | 3,512 | 4,613,493 | 56,962 | 75,385,039 |
| WYOMING | 5,219 | 6,399,895 | 406 | 593,197 | 791 | 1,149,843 | 6,416 | 8,142,935 |
| ALL OTHERS | 52,326 | 65,031,405 | 91,720 | 153,372,870 | 41,520 | 62,242,722 | 185,566 | 280,646,997 |

## 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 1987-88 End-of-Year Report is July 1, 1987 to June 30, 1988.

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

Educational Cost: The cost of attending an institution offering postsecondary education coursework for a full academic year. In 1987-88, factors allowed in determining educational costs for calculating the Pell Grant were 1) tuition and fees, 2) living expenses, and 3) miscellaneous expenses, i.e., books and supplies. The Higher Education Act Amendments of 1986 established a new cost of attendance provision effective with the 1988-89 award year. Now the financial aid administrator can consider additional cost factors when calculating the Pell Grant award. The method of determining living and miscellaneous expenses was also significantly modified.

Eligible 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 1987-88 had an SAI of 1,900 or less. Also known as a "qualified" applicant.

Expenditures: Funds awarded to Pell Grant recipients through the Regular Disbursement System 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, non-taxable income (including non-educational Social Security benefits and AFDC), the amount deducted on the 1986 Federal tax return for being a working married couple, and one-half of any GI Bill 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 $1987-88$ 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.
Ineligible Applicant: Individual who has submitted an official application for a Pell Grant but, for purposes of this report, has been determined ineligible to receive a grant because of insufficient financial need. An ineligible applicant in $1987-88$ had an SAI greater than 1,900. Also known as a "non-qualified" applicant.

MDE: Multiple Data Entry. Process by which an individual in 1987-88 could apply for a Pell Grant using any one of the following five different application forms in addition to the U.S. Department of Education's Application for Student Financial 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 Federal Student Aid
-- The Illinois State Scholarship Commission Application for Federal and State Student Aid
These five forms are known as Multiple Data Entry forms because a student may use them to apply for a Pell Grant as well as other kinds of Federal, state or institutional 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.

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.

R\%: Row Percent. The number of responses in each cell within a row as a percent of the total number of responses in the row.

Rejected Applicant: Individual who has submitted an application that contains insufficient information to calculate the applicant's financial need.

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 SAI 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 a SAR to the institution he or she plans to attend in order to receive an award.

Type of Institution: Institutions are classified in the following manner:
-- Five Year or More - schools offering programs of at least 5 years in duration.
-- Four Year No Graduate - schools offering programs leading to a 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 sutficient 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 The next largest program in terms of Federal expenditures is the Guaranteed Student Loan program (now Stafford Student Loan program). The other programs providing student financial assistance in order of decreasing size are as follows: College Work-Study; Supplemental Educational Opportunity Grant; National Direct Student Loan (now Perkins Loan); and State Student Incentive Grant.

[^1]:    212.4 million undergraduate students were enrolled in the fall of 1986 (Source: U.S. Department of Education, Center of Education Statistics, the 1987 National Postsecondary Student Aid Study).

[^2]:    4 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 awarding purposes includes standard allowances for room, board, books, and supplies for all students, plus additional allowances such as provisions for child care and handicapped student costs.

[^3]:    6 The reader should note that beginning in 1987-88, all veterans are considered independent. However, a student need not be a veteran to receive Veteran's benefits. The 23 percent who were dependent and received benefits evidently were not themselves veterans.

