## 1989-90

# Federal Pell Grant Program End-of-Year Report 

U.S. Department of Education Office of Postsecondary Education


## TABLE OF CONTENTS

## INTRODUCTION

CHAPTER 1: HIGHLIGHTS OF THE PELL GRANT PROGRAM
1 Pell Grant Program Summary Statistics for Cross-Year Reference ..... 5
CHAPTER 2: SELECTED CHARACTERISTICS OF PELL GRANT RECIPIENTS
2 Distribution of Pell Grant Recipients By Student Aid Index and Family Income ..... 12
3 Distribution of Pell Grant Recipients By Family Income and Grant Level ..... 17
4 Distribution of Pell Grant Recipients By Student Aid Index and Grant Level ..... 22
5 Distribution of Pell Grant Recipients By Student Aid Index and Type of Institution ..... 27
6 Distribution of Pell Grant Recipients By Family Income and Type of Institution ..... 32
7. Distribution of Pell Grant Recipients By Student Aid Index and Educational Cost ..... 37
8 Distribution of Pell Grant Recipients By Family Income and Educational Cost ..... 42
9 Distribution of Pell Grant Recipients By Family Income and Net Asset Level ..... 46
10 Distribution of Pell Grant Recipients By Age and Family Income ..... 51
CHAPTER 3: MISCELLANEOUS
11 Distribution of Pell Grant Recipients By Family Income and Dependent Student Earnings ..... 59
12 Summary Statistics for Pell Grant Applicants Reporting Veteran's Benefits ..... 61
13 Distribution of Pell Grant Applicants By Eligibility Status and Income Range ..... 64
14 Pell Grant Recipient Enrollment Status By Type and Control of Institution ..... 67
15 Distribution of Pell Grant Recipients Paid on a Simplified Needs Test SAI By Family Income and Grant Level ..... 70
16 Distribution of Pell Grant Recipients Qualified Under Dislocated Worker Provision By Expected Family Income and Grant Level ..... 75
17. Distribution of Pell Grant Recipients Qualified Under Displaced Homemaker Provision By Family Income and Grant Level ..... 80
18 Summary Statistics for Pell Grant Applicant Special Condition Filers ..... 85
CHAPTER 4: DISTRIBUTION OF VERIFIED PELL GRANT RECIPIENTS BY INCOME AND GRANT LEVEL
19 Distribution of Verified Pell Grant Recipients By Income and Grant Level ..... 88
CHAPTER 5: SUMMARY STATISTICS FOR THE MULTIPLE DATA ENTRY SYSTEM
20 Multiple Data Entry Summary Statistics ..... 91
21 Distribution of Pell Grant Recipients By Family Income and Multiple Data Entry Application ..... 94
CHAPTER 6: INSTITUTIONS PARTICIPATING IN PELL GRANT PROGRAM: SUMMARY INFORMATION
22 Summary Statistics By Type of Institution ..... 100
23 Pell Grant Expenditures, Recipients, and Average Grant By Type and Control of Institution ..... 103
24. Distribution of Pell Grant Recipients and Average Grant By Grant Level and Type of Institution ..... 106
25 Distribution of Pell Grant Recipients By Educational Cost and Grant Level ..... 110
26 Distribution of Pell Recipients By State and Control of Institution ..... 114
27 Distribution of Pell Grant Recipients By Recipient's State of Legal Residence and Control of Institution ..... 119
GLOSSARY OF TERMS

## LIST OF FIGURES

Figure 1: Family Income for Pell Applicants ..... 3
Figure 2: Family Income for Pell Recipients ..... 3
Figure 3: School Type Attended By Recipients ..... 4
Figure 4: Applicants by Application Source ..... 4
Figure 5: Distribution of Family Income by Dependency Status ..... 12
Figure 6: Distribution of Grants By Dependency Status ..... 18
Figure 7: Average Grant and SAI By Dependency Status ..... 22
Figure 8: Type of Institution Attended By Dependency Status ..... 27
Figure 9: Type of Institution Attended by Family Income ..... 32
Figure 10: Distribution of Educational Costs by Dependency Status ..... 38
Figure 11: High Educational Costs by Income ..... 42
Figure 12: Distribution of Net Assets by Dependency Status ..... 47
Figure 13: Total Recipients by Age and Family Income ..... 51
Figure 14: Distribution of Dependent Student Earnings ..... 59
Figure 15: Reports of Veteran's Benefits by Dependency Status ..... 61
Figure 16: Distribution of Applicants by Family Income ..... 64
Figure 17: Distribution of Enrollment Status by Type of Institution ..... 68
Figure 18: Average Grant for SNT and Total Recipients ..... 71
Figure 19: Expected Income for Dislocated Workers by Dependency Status ..... 76
Figure 20: Family Income for Displaced Homemakers by Dependency Status ..... 80
Figure 21: Special Condition Applicants and Recipients by Dependency Status ..... 85
Figure 22: Income for Verified and Non-Verified Recipients ..... 88
Figure 23: Applicant Qualification Status by Source ..... 92
Figure 24: Distribution of Recipients' Application Source by Dependency Status ..... 94
Figure 25: Selected Statistics by Type of Institution ..... 100
Figure 26: Average Grant by Institutional Control and Dependency Status ..... 104
Figure 27: Average Grant by Type of Institution and Dependency Status ..... 106
Figure 28: Average Grant by Educational Costs and Dependency Status ..... 110
Figure 29: Number of Pell Grant Recipients By State of Institution Attended ..... 116
Figure 30: Comparison of Pell Grant Recipients By State of Institution Attended and State of Legal Residence ..... 121

## Introduction

The Pell Grant Program receives more Federal funds than any other student financial aid program authorized under. Title IV of the Higher Education Act of 1965 and its amendments. Administered by the Department of Education's Office of Student Financial Assistance, the program provides grants ranging from $\$ 200$ to $\$ 2,300$ to over 3.32 million students in 198990. Since its inception in 1973, expenditures for the Pell Grant Program have increased one hundredfold (not adjusting for inflation) to $\$ 4.78$ billion in $1989-90$.

Eligibility

The Pell Grant is distinguished from other financial assistance in that all students meeting certain criteria are guaranteed aid, with the amount of aid determined by financial need and educational cost. However, because of limited funding the program is not a true entitlement as benefits may be reduced from those anticipated under a fully funded system. To be eligible for a grant an individual must meet certain residency requirements, be enrolled at least half-time in an eligible program at a school participating in the' Pell program (with some exceptions), and be determined to have sufficient financial need.

Financial need for 1989-90 is calculated using formulae mandated by Congress in the Higher Education Act Amendments of 1986 . These formulae, applied consistently to all applicants, take into account such indicators of financial strength as income, assets and family size. The result of the calculations is the Student Aid Index (SAI). The SAI, combined with the cost
of the student's education and the student's enrollment status (full, three-quarter, half, or less-than-half-time), determines the amount of the Pell Grant.

The lower the SAI, the greater the demonstrated financial need. Consequently, the amount of the grant increases as the SAI decreases, such that an applicant with the minimum SAI of zero may receive the maximum award equal to 60 percent of the applicant's educational cost for the year, up to the maximum Pell Grant of $\$ 2,300$. Proportionally smaller awards are made to parttime students.

## Funding Level

The amount of a Pell Grant award also is influenced by the program appropriations established by Congress. As shown in Table 1 (see page 5) if full-funding for all recipients is not available, awards are reduced so that each recipient will receive some portion of their full entitlement. Since 1973-74; the Department of Education has reduced the amount of Pell Grant awards in seven award years. The three types of reduction include: flat reduction, stepped reduction and linear reduction. A flat reduction is a decrease of all awards by a constant dollar amount. Stepped reductions are a more progressive reduction where award cutbacks are commensurate with the size of the grant within specified grant ranges. For example, within a given range, though more money is deducted from grants at the higher end of the range than the lower end of the range, the percent of money deducted is
identical for all grants within the range. The third reduction, also more progressive, is a linear reduction which is based on a linear regression that determines the amount by which each grant amount is reduced.

## Purpose of the End-of-Year Report

The Pell Grant End-of-Year Report is the presentation and analysis of a series of tables that describe 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 can assist higher education officials and financial aid administrators to better understand current patterns of Pell Grant disbursements.

## Databases for End-of-Year Report Tables

All tables in the 1989-90 End-of-Year Report, with the exception of Table 13, are derived from a merged universe file containing applicant and recipient data through December 1990. The applicant data are from the student applications processed by the central processor; recipient or disbursement data are derived from information reported by institutions on the Payment Document portion (Part 3) of the Student Aid Report (SAR).

The grant level and expenditure information accurately reflect Pell Grant Program expenditures for 1989-90. However, using only Pell Grant data through December 1990 means that 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 database-the Management Information System of the Pell Grant Application Processing System. Table 13 is produced using data through December 1990 and thus reflects actual end-of-year applicant statistics. These data are used in Table 13 because they more accurately reflect certain applicant characteristics not available from other sources.

## Organization

The 1989-90 End-of-Year Report is organized into six chapters with each chapter focusing on a particular aspect of the program.

Chapter 1 highlights the most significant program activities of the 1989-90 award period. This chapter contains general overview information including: the total number of applications processed and grant recipients; income-related characteristics of applicants and recipients as well as the types and number of institutions participating in the Pell Grant Program.

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 characteristics of selected groups of recipients. Included are reports to examine the interrelationship between family income and dependent student earnings, summary
information for students reporting certain veteran's educational benefits and a table on enrollment status by type and control of institution. Also included are tables to examine recipients who qualified for a Pell Grant under the displaced homemaker or dislocated worker provisions and the Simplified Needs Test.

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

Chapter 5 looks at selected aspects of the Multiple Data Entry Application Processing System, including differences in applicant and recipient characteristics by application source.

Chapter 6 summarizes information on institutions participating in the Pell Grant Program. It includes data on the number of schools participating, their location and type and control.

A glossary at the end of this document defines the terms used in this report. In order to facilitate cross-year comparisons, the format of the tables in this report is consistent with that of previous cycles. However, ranges of grant level, educational cost, and Student Aid Index have been adjusted, at the upper end of the tables to reflect the increase in the maximum grant for 1989-90. The income range used in the tables was also expanded at the upper end.

## CHAPTER 1

## HIGHLIGHTS OF THE PELL GRANT PROGRAM

# Highlights of the Pell Grant Program 

Award Period 1989-90

This chapter highlights kev 1989-90 Pell Grant statistics with the emphasis on changes in program activity since the previous cycle (1988-89). Exhibit 1 features some of the most notable changes in 1989-90 illustrated by various tables throughout the End-of-Year Report. The chapter concludes with a discussion of Table 1, which compares applicant, reçipient and expenditure data from the program's inception in 1973-74 through the present cycle, 1989-90.

## Applicant Summary

In 1989-90, 6,777,992 students, or about 60 percent of all undergraduate students, applied for a Pell Grant. (According to the National Center for Education Statistics, undergraduate enrollment in 1989-90 is 11.3 million.) This represents a 4.0 percent increase over the number of applicants in 1988-89 and a 20.5 percent increase since 1985-86. The consistent increase in applicants may be attributed to similar increases in the number of undergraduate enrollments.

Formula changes that went into effect in the last cycle, 1988-89, enabled some more moderate income applicants to qualify for Pell Grants. For example, the protection of home assets was increased, state tax offsets were added, families with more than one person in college had their contributions reduced further, the protection of business/farm assets was increased, and independent students with dependents often had reduced contributions.

Other provisions, beginning in 1988-89, resulted in increased eligibility. For low income applicants, the Simplified Needs Test was implemented, as were provisions for dislocated workers and displaced homemakers. Some changes resulted in increased contributions. These latter changes were targeted at married independents with no dependents, married dependent students, and applicants with large elementary/secondary tuition expenses.

Of the students who applied for a Pell Grant in 1989-90, 64.1 percent qualify or are eligible to receive a grant because they demonstrate sufficient financial need. More than 26.8 percent do not qualify to receive a grant and the status of the remaining 9.0 percent could not be determined because they provided insufficient information on the application and did not complete application processing. A comparison of eligibility rates in 1989-90 with those in 1988-89 shows very little variance, as expected, because the formulae remain largely unchanged from 1988-89.

## Recipient Summary

The 3.9 percent increase in recipients in 1989$90(3,322,151$ students $)$ is consistent with the overall increase in the number of applicants ( 4.0 percent) for Pell Grants. Less than half ( 41.0 percent) of all recipients are dependent on their families as their primary source of income, a reduction from the 42.1 percent in 1988-89. A comparison with 1988-89 data indicates a slight increase in the age of the

## Exhibit 1

Selected Changes in the Pell Program: 1988-89 to 1989-90

- Applicants up by $4.0 \%$, from 6.52 million to 6.78 million
- Slight decrease in percentage of applicants qualifying for a grant, from 64.4\% to 64.1 \%
- Slight increase in percentage of qualified applicants receiving a grant, from $\mathbf{7 6 . 2 \%}$ to 76.4\%
- $3.9 \%$ increase in recipients, from 3.20 million to 3.32 million
- Average family income of recipients up $4.6 \%$, from $\$ 11,326$ to $\$ 11,852$
- Average educational cost for recipients up 5.3 percent, from $\$ 4,712$ to $\$ 4,962$
- $2.8 \%$ increase in average Pell Grant, from $\$ 1,399$ to $\$ 1,438$
- Total Pell expenditures up $6.7 \%$, from $\$ 4.48$ billion to $\$ 4.78$ billion
- Continuing increase in percentage of independent recipients, from 57.9\% to 59.0\%
- Enrollment up in public institutions (from $58.2 \%$ to $60.0 \%$ ), down slightly in private, non-profit institutions (from $18.5 \%$ to $18.3 \%$ ) and down in private, profitmaking institutions (from 23.2\% to 21.7\%)
recipient population with a noteworthy increase in those recipients over 30 years old.

Consistent with the intent of the Pell Grant Program, the data show that grants are directed towards the lowest income students. Over 96.0 percent of all applicants reporting income up to $\$ 10,000$ are eligible to receive a Pell Grant. In comparison, only. 36.3 percent of those reporting income greater than $\$ 20,000$ are eligible to receive a grant (See Figure 1).


Figure 1: Family income for Pell Applicants

As a result, most recipients are in the lower income ranges. Over half, 51.7 percent of all recipients, report family income of $\$ 9,000$ or less. As illustrated in Figure 2, independents are more numerous in the lower income ranges. More than two-thirds ( 68.8 percent) of all independents report family income of $\$ 9,000$ or less, compared to only 27.1 percent of dependent recipients. Likewise, 36.4 percent of dependents report family income greater than $\$ 20,000$ while only 9.0 percent of independents report income in this range. Average family income continues to increase (4.6 percent) in 1989-90 as a function of inflationary pressures. Average income for the total recipient population has increased to $\$ 11,852$ from $\$ 11,326$ in 1988-89. Average income for independents $(\$ 8,221)$ has


Figure 2: Family Income for Pell Recipients
increased at a faster rate ( 8.3 percent) over 1988-8§ ( $\$ 7,591$ ). Dependents have had a more moderate 3.7 percent increase from $\$ 16,467$ in 1988-89 to $\$ 17,072$ in 1989-90.

Most 1989-90 recipients report having few available assets. Just as in 1988-89, more than 76.1 percent of recipients, most of whom are independent, have net assets of $\$ 7,500$ or less in 1989-90. Approximately 92.8 percent independent recipients have net assets of $\$ 7.500$ or less compared to 52.0 percent of dependent recipients.

Expenditure Summary

The average grant for Pell Grant recipients has increased approximately 2.8 percent from $\$ 1,399$ in 1988-89 to $\$ 1,438$ in 1989-90. In addition to a $\$ 100$ increase in the maximum award, higher educational costs, higher maximum Pell Grant allowances and a growing percentage of independent recipients, who often qualify for higher awards than dependents, contribute to this rise. Increases in both average grant and the number of recipients translates into a 6.8 percent increase in total program expenditures to over $\$ 4.78$ billion dollars.

## Institutional Characteristics

In 1989-90, 7,121 institutions participate in the Pell Grant Program, an addition of 41 schools since 1988-89. Nearly three out of ten (29.8 percent) offer two year but less than three year programs, many of which are community and private junior colleges. Schools offering 1 year but less than 2 year programs are next in number accounting for 23.5 percent of the total. Schools offering programs of 6 months to 1 year and 4 year colleges with no graduate programs follow with 20.0 and 13.5 percent of the total, respectively. Five year or more universities account for 11.5 percent of participating institutions, followed only by 2 to 3 year institutions with 1.8 percent.

Enrollment of Pell Grant Recipients varies considerably by type of school (Figure 3). Although they are relatively few in number, institutions offering programs of 5 years or more attract the most recipients ( 35.2 percent), followed by 2 year but less than 3 year (28.9 percent), 4 year schools (14.6 percent), 1 year but less than 2 year schools (9.5 percent), less than 1 year schools ( 7.1 percent) and 3 to 4 year schools (. 5 percent)

## Application Source

Students can apply for a 1989-90 Pell grant using any one of five forms. As shown in Figure 4, 42.4 percent use the application form supplied by the College Scholarship Commission (CSS); 32.4 percent use the Federal form; 19.9 percent use the American College Testing (ACT) form; 4.2 percent use the Pennsylvania Higher Education Assistance Agency's (PHEAA) form and 1.1 percent use the Illinois State Scholarship Commission's (ISSC) form.


Figure 3: School Type Attended by Recipients

Eligibility of students varies by source of application. Applicants who use the Federal form are more likely to report lower incomes. Thus, these applicants qualify for an award at a higher rate than students using one of the other forms. As shown in Figure 23 (see page 92), more than four out of five Federal form filers ( 83.2 percent) qualify to receive a grant. In contrast, 74.9 percent of ISSC, 62.7 percent


Figure 4: Applicants by Application Source
of ACT, 51.4 percent of CSS, and 43.5 percent of PHEAA filers qualify. However, because some qualified applicants do not enroll or otherwise qualify for grants, the percentages of qualified recipients receiving a grant are lower 170.7 percent of ISSC, 72.4 percent of Federal, 77.8 percent of PHEAA; 80.1 percent of CSS, and 82.8 percent of ACT filers.)

## Table 1

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

Award Period 1989-90

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 1989-90.

## 1973-74 through 1979-80

The Pell Grant Program grew rapidly following its initial year, both in terms of student participation and Federal expenditures. As the eligible population expanded from freshman only in 1973-74 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 proportion 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 piace, a much greater percentage of applicants qualified for a grant than ever before, with the result being that the number of recipients rose by 34 percent (from 1.9 million to 2.5 million) in 1979-80. The average size of each recipient's award also increased (from $\$ 814$ in 1978-79 to $\$ 929$ in 1979-80). The sharp rise in recipients, coupled with the increased average grant, meant a sharp 53 percent rise in program expenditures, from $\$ 1.5$ billion to $\$ 2.4$ billion.

1980-81 through 1987-88

Table 1 shows that during the first 8 years of the decade the program experienced a relatively slow, but steady, year-to-year expansion in terms of applicants, and, with the exception of two years, a similar expansion in recipients and commitment of funds.

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

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

Table 1 shows that other program statistics remained relatively constant during this 8 year period. The percentage of applications rejected by the processing system varied from a low of 6.7 percent in 1981-82 to a high of 9.7 percent in 1984-85. The portion of applicants qualifying for a grant saw a small but steady decrease. Applicants in 1980-81 had the greatest chance of qualifying, with 69 percent demonstrating sufficient need for a grant. Applicants in 1987-88 had the least chance, with 60.5 percent showing sufficient need. A closer look at Table 1. shows that not all applicants who qualify for a Pell Grant actually
receive one. Some do not atterid school; others enroll but do not complete the process by submitting the Student Aid Report to the financial aid office; and some who qualify based on financial need are ineligible for a Pell Grant for other reasons (for example, the student does not make satisfactory academic progress). The percentage of qualified, eligible applicants who actually received aid varied from a low of 70.6 in 1986-87 to a high of 81.3 in 1980-81.

Each year the Department of Education selects a portion of applications for institutional verification. Students whose forms have been flagged by the processing system are required to present to their financial aid office certain financial documents such as U.S. Federal tax returns. Table 1 shows that the percentage of applications selected for verification fluctuated greatly during most of the 1980 s . 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. By 1987-88 the figure stabilized at approximately 30 percent as a result of a cap imposed by Congress.

1988-89 and 1989-90

1988-89 was a year of changes in the Pell Grant Program. Under the Higher Education Act of 1986, changes in the formulae used to determine the Student Aid Index were placed into the law for implementation in this year. As a result of more generous provisions for most applicants, the percentage of eligible applicants increased and the average grant rose substantially. The number of students filing an official application for a Pell Grant rose to 6.5 million in 1988-89. Almost 4.2 million
applicants ( 64 percent), a 4 percent increase over 1987-88, were eligible to receive a Pell Grant in 1988-89. The 3.2 million applicants who received a Pell Grant in 1988-89 (76 percent of the eligible applicants), represented an 11 percent increase over the $\mathbf{2 . 9}$ million recipients in 1987-88.

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

Many of the trends resulting 'from the regulatory changes established in 1988-89 continue in 1989-90. The number of applicants grew 4.0 percent to 6.78 million with over 4.34 million of those applicants eligible to receive a grant in 1989-90 (3.5 percent increase over 1988-89). Consistent with program regulations requiring that no more than 30 percent of these applicants be selected for verification, 29.4 percent of the eligible population has been selected for verification in 1989-90. The maximum allowable grant increased from $\$ 2,200$ in 1988-89 to $\$ 2,300$ in 1989-90. The average grant also continues to increase in 1989-90 to $\$ 1,438$. This, combined with a 3.9 percent increase in recipients to over 3.32 million, accounts for over $\$ 4.78$ billion in program expenditures.

Table 1 - Page 1

## 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 | 1981-82 |
| 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 | 4,945,760 |
| NUMBER OF APPLICANTS <br> SUBMITTING VALID <br> APPLICATIONS | 482,331 | 1,114,084 | 2,178,696 | 3,408,718 | 3,621,641 | 3,401,428 | 3,868,429 | 4,475,762 | 4,614,590 |
| NUMBER AND PERCENT OF QUALIFIED APPLICANTS | 268,444 | 681,648 | 1,455,187 | 2,258,043 | 2,390,320 | 2,228,603 | 3,029,745 | 3,330,534 | 3,398,237 |
|  | 52.34 | 52.24 | 62.21 | 62.89 | 62.18 | 57.36 | 72.37 | 69.02 | 68.71 |
| NUMBER AND PERCENT OF NON-QUALIFIED APPLICANTS | 213,887 | 432,436 | 723,509 | 1,150,675 | 1,231,321 | 1,172,825 | 838,684 | 1,145,228 | 1,216,353 |
|  | 41.70 | 33.14 | 30.93 | 32.05 | 32.03 | 30.19 | 20.03 | 23.73 | 24.59 |
| NUMBER AND PERCENT OF APPLICATOINS RETURNED FOR INCUFFICIENT DATA <br> AND NEVER RE-SUBMITTED FOR PROCESSING | 30,535 | 190,793 | 160,641 | 181,661 | 222,406 | 483,955 | 318,287 | 349,658 | 331,170 |
|  | 5.95 | 14.62 | 6.87 | 5.06 | 5.79 | 12.46 | 7.60 | 7.25 | 6.70 |
| NUMBER OF APPLICANTS SUBMITTING UNOFFICIAL APPLICATIONS |  |  |  |  |  | 348,236 | 280,918 | 265,283 | 266,197 |
| CLASSES OF ELIGIBLE APPLICANTS | Full-Time Freshmen | Full-Time Freshmen \& Sophomores | Freshmen Sophomores Juniors | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates | All <br> Undergraduates |
| NUMBER OF ELIGIBLE APPLICANTS SELECTED FOR VALIDAITON |  |  |  |  |  | 119,263 | 232,118 | 320,852 | 313,791 |
| 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 | 2,709,076 |
| 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 | \$2,299,718,000 |
| AVERAGE AWARD | \$270 | \$628 | \$761 | \$759 | \$758 | \$825 | \$987 | \$887 | \$849 |
| MINIMUM AWARD | \$50 | \$50 | \$200 | \$200 | \$200 | \$50 | \$200 | \$150 | \$120 |
| MAXIMUM AWARD | \$452 | \$1,050 | \$1,400 | \$1,400 | \$1,400 | \$1,600 | \$1,800 | \$1,750 | \$1,670 |
| FUNDING LEVEL | STEPPED REDUCTION | STEPPED REDUCTION | FULL FUNDING | FULL FUNDING | FULL FUNDING | STEPPED REDUCTION | FULL FUNDING | \$50 FLAT REDUCTION | \$50 FLAT REDUCTION |

Table 1 - Page 2
Pell Grant Program

| Summary of statistics for Cross-Year Reference |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | AWARD PERIOD |  |  |  |  |  |  |  |
|  | 1982-83 | 1983-84 | 1984-85 | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 |
| NUMBER OF APPLICANTS SUBMITTING OFFICIAL APPLICATIONS | 5,118,558 | 5,453,548 | 5,514,029 | 5,627,131 | 6,028,303 | 6,297,598 | 6,519,349 | 6,777,992 |
| NUMBER OF APPLICANTS SUBMITTING VALID APPLICATIONS | 4,709,225 | 4,955,775 | 4,981,357 | 5,205,492 | 5,535,734 | 5,714,194 | 5,913,224 | 6,165,309 |
| NUMBER AND PERCENT OF QUALIFIED APPLICANTS | 3,341,371 | 3,541,191 | 3,558,386 | 3,710,933 | 3,769,608 | 3,812,814 | 4,199,322 | 4,347,681 |
|  | 65.28 | 64.93 | 64.53 | 65.95 | 62.53 | 60.54 | 64.41 | 64.14 |
| NUMBER AND PERCENT OF NON-QUALIFIED APPLICANTS | 1,367,854 | 1,414,584 | 1,422,971 | 1,494,559 | 1,766,126 | 1,901,380 | 1,713,902 | 1,817,628 |
|  | 26.72 | 25.94 | 25.81 | 26.56 | 29.30 | 30.19 | 26.29 | 26.82 |
| NUMBER AND PERCENT OF APPLICATOINS RETURNED FOR INCUFFICIENT DATA AND NEVER RE-SUBMITTED FOR PROCESSING | 409,333 | 497,773 | 532,672 | 421,639 | 492,569 | 583,404 | 606,125 | 612,683 |
|  | 8.00 | 9.13 | 9.66 | 7.49 | 8.17 | 9.26 | 9.30 | 9.04 |
| NUMBER OF APPLICANTS SUBMITTING UNOFFICIAL APPLICATIONS | 296,146 | 284,945 | 299,485 | 287,661 | 321,489 | 320,193 | 318,291 | 301,658 |
| CLASSES OF ELIGIBLE APPLICANTS | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates | All Undergraduates |
| NUMBER OF ELIGIBLE <br> APPLICANTS SELECTED FOR VALIDAITON | 1,660,021 | 1,047,792 | 1,046,080 | 2,079,093 | 2,452,150 | 1,698,146 | 1,892,916 | 1,277,397 |
| NUMBER OF RECIPIENTS | 2,522,746 | 2,758,906 | 2,747,100 | 2,813,489 | 2,659,507 | 2,881,547 | 3,198,286 | 3,322,151 |
| TOTAL EXPENDITURES | \$2,420,517,000 | \$2,797,057,000 | \$3,052,999,052 | \$3,597,379,921 | \$3,460,006,551 | \$3,754,329,481 | \$4,475,693,249 | \$4,777,844,232 |
| AVERAGE AWARD | \$959 | \$1,014 | \$1,111 | \$1,279 | \$1,301 | \$1,303 | \$1,399 | \$1,438 |
| MINIMUM AWARD | \$50 | \$200 | \$200 | \$200 | \$100 | \$200 | \$200 | \$200 |
| MAXIMUM AWARD | \$1,800 | \$1,800 | \$1,900 | \$2,100 | \$2,100 | \$2,100 | \$2,200 | \$2,300 |
| FUNDING LEVEL | STEPPED REDUCTION | FULL FUNDING | FULL FUNDING | FULL FUNDING | LINEAR REDUCTION | FULL FUNDING | FULL FUNDING | FULL FUNDING |

## CHAPTER 2

## SELECTED CHARACTERISTICS OF PELL GRANT RECIPIENTS

## Table 2

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

Award Period 1989-90

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

Table 2A shows the distribution of Pell Grant recipients by Student Aid Index (SAl) and family income. Tables 2B and 2C show the same data for dependent and independent students, respectively. Throughout the End-ofYear Report, family income is considered to be the sum of the parents' (if the student is dependent on the parent for financial support) or the student's (if the student is independent) 1988 taxable and nontaxable income, including one half of certain Veteran's benefits the student may have received.

Increase in Dependent Recipients Continues. As shown in Table 2A, over 3.3 million students receive a Pell Grant during 1989-90. Comparing Tables 2 B and 2 C shows that recipients claiming to be independent of their parents' support have continued to increase. The proportion of independent recipients has risen steadily over the past decade. In 198990, 59.0 percent of all recipients were independent, up from 57.9 percent in 1988-89, and 57.5 percent in 1987-88. The reader should note that 1987-88 was the first year a student's age, veterans status, and whether he or she is an orphan or has dependents were the
critical determinants for dependency status.

Majority of Recipients Still Have Family Income Up to $\$ 9,000$. The data clearly show that Pell Grant awards are directed toward the lowest income students (See Figure 5). Over half ( 51.7 percent) of the 1989-90 recipients report a family income of less than $\$ 9,001$, whereas only 20.2 percent reported income greater than $\$ 20,000$, with the majority of these in the $\$ 20,000$ and $\$ 30,000$ income range.


Figure 5: Distribution of Family Income by Dependency Status

Independent students, because they are reporting their often limited 1988 income,
predominated in the lower income ranges. More than two-thirds ( 68.8 percent) of independents reported a family income of less than $\$ 9,001$, compared to only 27.2 percent of dependents. Accordingly, dependents who must report their parents' resources are more numerous in the higher income ranges. For example, 36.4 percent of dependents have income greater than $\$ 20,000$ whereas only 8.9 percent of independents are in this range.

Family Income Increase with Inflation. Last cycle, there was a dramatic increase in the average family income of Pell Grant recipients. This increase was attributed to changes in the formulae that made more families with moderate incomes eligible for aid. Therefore, the increase in average family income in 198990 has resumed a slower more steady pace consistent with basic inflationary pressures. In 1988-89, average overall income (dependents and independents) increased 23 percent to $\$ 11,326$. In 1989-90, average overall income increased only 4.6 percent to $\$ 11,852$. Independents experience a greater percentage increase in family income than dependents, with an 8.3 percent increase to $\$ 8,221$ versus a 3.7 percent increase to $\$ 17,072$ for dependents.

Table 2 also presents the distribution of SAls received by 1989-90 recipients. The SAI is an indicator of an applicant's ability to pay that the school uses with the student's educational cost and enrollment status to determine the amount of the grant. Within a given educational cost and enrollment status, a lower SAI results in a higher grant. In 1989-90, 2,100 is the highest SAI with which a student could receive and qualify for a Pell Grant.

Majority. Have Zero SAI, But This Group Is Shrinking. Table 2A shows that more than half
of the recipients in 1989-90 receive a zero SAI. Therefore they were eligible for the maximum grant within their cost and enrollment status category. The percentage of recipients receiving a zero SAI has decreased steadily from 56.9 percent in $1987-88$ and 53.6 percent in 1988-89 to 51.6 percent in 1989 90. As shown in Table 2B independents were much more likely to receive a lower SAI than dependents. Two-thirds ( 66.1 percent) of independents receive a zero SAI compared to 30.7 percent of dependents. In contrast, only 10 percent of independents have an SAI greater than 1,000 , while over 28 percent of dependents are in this SAI range. Figure 5 summarizes the distribution of SAls by dependency status graphically.

Because the SAI is a measure of the applicant's financial strength, it is not surprising that there is a strong correlation between reported family income and the SAI. In fact, family income, together with the amount of family assets and expenses and certain demographic data (number of family members, for example) determines the SAI. Table 2A shows that the lower an applicant's family income the greater potential for a low SAI, and ultimately a larger grant. Approximately 96.4 percent of all students ( 99.5 percent of independents and 83.3 percent of dependents) reporting incomes of $\$ 6,000$ or less receive zero SAls. The 3.6 percent in group who do not receive zero SAls most likely reported substantial assets. Looking further, 86.4 percent of students with incomes of $\$ 9,000$ or less receive SAls of zero and almost 73.8 percent with incomes of $\$ 15,000$ or less received a zero SAI. Only . 4 percent of the over $\$ 15,000$ income group receive the minimum SAl . To receive a zero SAI, these recipients must have certain high expenses, a large family, and/or multiple family members attending college.

DISTRIBUTION OF PELL GRANT RECIPIENTS
BY STUDENT AID INDEX AND FAMILY INCOME
ALL RECIPIENTS - AWARD PERIOD 1989-90

| STUDENT AID INDEX | (AMILY |  |  |  |  |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} \text { Less Than } \\ \$ 1,001 \end{array}$ | $\begin{array}{r} \$ 1,001- \\ 3,000 \end{array}$ | $\begin{array}{r} \$ 3,001- \\ 6,000 \end{array}$ | $\begin{array}{r} \hline \$ 6,001- \\ 9,000 \end{array}$ | $\begin{gathered} \hline \$ 9,001- \\ 15,000 \end{gathered}$ | $\begin{array}{r} \hline \$ 15,001- \\ 20,000 \end{array}$ | $\begin{gathered} \hline 20,001- \\ 30,000 \end{gathered}$ | $\begin{array}{r} \hline \$ 30,001- \\ 40,000 \end{array}$ | \$40,001+ |  |  |
| 0....................... | 205,722 | 304,089 | 637,282 | 337,775 | 208,782 | 17,598 | 2,596 | 236 | 85 | 1,714,165 | N |
|  | 12.0\% | 17.7\% | 37.2\% | 19.7\% | 12.2\% | 1.0\% | 0.2\% | 0.0\% | 0.0\% | 100.0\% | R\% |
|  | 93.9\% | 97.7\% | 96.6\% | 63.9\% | 36.2\% | 4.9\% | 0.5\% | 0.2\% | 0.2\% | 51.6\% | C\% |
| 1-200................. | 9,802 | 5,263 | 15,589 | 45,277 | 154,977 | 48,269 | 10,093 | 346 | 58 | 289,674 | N |
|  | 3.4\% | 1.8\% | 5.4\% | 15.6\% | 53.5\% | 16.7\% | 3.5\% | 0.1\% | 0.0\% | 100.0\% | R\% |
|  | 4.5\% | 1.7\% | 2.4\% | 8.6\% | 26.9\% | 13.5\% | 2.1\% | 0.2\% | 0.1\% | 8.7\% | C\% |
| 201-400................. | 1,584 | 770 | 2,300 | 25,109 | 86,985 | 68,366 | 30,449 | 1,583 | 86 | 217,232 | N |
|  | 0.7\% | 0.4\% | 1.1\% | 11.6\% | 40.0\% | 31.5\% | 14.0\% | 0.7\% | 0.0\% | 100.0\% | R\% |
|  | 0.7\% | 0.2\% | 0.3\% | 4.7\% | 15.1\% | 19.1\% | 6.4\% | 1.1\% | 0.2\% | 6.5\% | C\% |
| 401-600................. | 595 | 328 | 1,080 | 23,267 | 38,497 | 72,255 | 52,822 | 5,021 | 250 | 194,115 | N |
|  | 0.3\% | 0.2\% | 0.6\% | 12.0\% | 19.8\% | 37.2\% | 27.2\% | 2.6\% | 0.1\% | 100.0\% | R\% |
|  | 0.3\% | 0.1\% | 0.2\% | 4.4\% | 6.7\% | 20.2\% | 11.1\% | 3.3\% | 0.6\% | 5.8\% | C\% |
| 601-800................ | 449 | 254 | 804 | 21,892 | 12,763 | 61,862 | 55,754 | 9,722 | 766 | 164,266 | N |
|  | 0.3\% | 0.2\% | 0.5\% | 13.3\% | 7.8\% | 37.7\% | 33.9\% | 5.9\% | 0.5\% | 100.0\% | R\% |
|  | 0.2\% | 0.1\% | 0.1\% | 4.1\% | 2.2\% | 17.3\% | 11.7\% | 6.5\% | 1.7\% | 4.9\% | C\% |
| 801-1,000................ | 318 | 163 | 644 | 19,944 | 9,572 | 39,982 | 64,463 | 16,035 | 1,735 | 152,856 | N |
|  | 0.2\% | 0.1\% | 0.4\% | 13.0\% | 6.3\% | 26.2\% | 42.2\% | 10.5\% | 1.1\% | 100.0\% | R\% |
|  | 0.1\% | 0.1\% | 0.1\% | 3.8\% | 1.7\% | 11.2\% | 13.6\% | 10.7\% | 3.8\% | 4.6\% | C\% |
| 1,001-1,200................ | 172 | 106 | 463 | 18,592 | 8,681 | 17,916 | 71,786 | 19,732 | 3,167 | 140,615 | N |
|  | 0.1\% | 0.1\% | 0.3\% | 13.2\% | 6.2\% | 12.7\% | 51.1\% | 14.0\% | 2.3\% | 100.0\% | R\% |
|  | 0.1\% | 0.0\% | 0.1\% | 3.5\% | 1.5\% | 5.0\% | 15.1\% | 13.2\% | 7.0\% | 4.2\% | C\% |
| 1,201-1,400............... | 135 | 100 | 389 | 15,719 | 9,316 | 9,523 | 54,587 | 20,386 | 5,056 | 115,211 | N |
|  | 0.1\% | 0.1\% | 0.3\% | 13.6\% | 8.1\% | 8.3\% | 47.4\% | 17.7\% | 4.4\% | 100.0\% | R\% |
|  | 0.1\% | 0.0\% | 0.1\% | 3.0\% | 1.6\% | 2.7\% | 11.5\% | 13.6\% | 11.2\% | 3.5\% | C\% |
| 1,401-1,600............... | 93 | 64 | 285 | 11,742 | 11,027 | 7,241 | 48,015 | 21,433 | 6,676 | 106,576 | N |
|  | 0.1\% | 0.1\% | 0.3\% | 11.0\% | 10.3\% | 6.8\% | 45.1\% | 20.1\% | 6.3\% | 100.0\% | R\% |
|  | 0.0\% | 0.0\% | 0.0\% | 2.2\% | 1.9\% | 2.0\% | 10.1\% | 14.3\% | 14.8\% | 3.2\% | C\% |
| 1,601-1,800............... | 68 | 49 | 272 | 6,190 | 14,351 | 6,341 | 40,493 | 22,162 | 9,406 | 99,332 | N |
|  | 0.1\% | 0.0\% | 0.3\% | 6.2\% | 14.4\% | 6.4\% | 40.8\% | 22.3\% | 9.5\% | 100.0\% | R\% |
|  | 0.0\% | 0.0\% | 0.0\% | 1.2\% | 2.5\% | 1.8\% | 8.5\% | 14.8\% | 20.8\% | 3.0\% | C\% |
| 1,801-2,100............... | 75 | 72 | 331 | 3,402 | 21,336 | 7,876 | 43,866 | 33,247 | 17,904 | 128,109 | N |
|  | 0.1\% | 0.1\% | 0.3\% | 2.7\% | 16.7\% | 6.1\% | 34.2\% | 26.0\% | 14.0\% | 100.0\% | R\% |
|  | 0.0\% | 0.0\% | 0.1\% | 0.6\% | 3.7\% | 2.2\% | 9.2\% | 22.2\% | 39.6\% | 3.9\% | C\% |
| Total.......................... | 219,013 | 311,258 | 659,439 | 528,909 | 576,287 | 357,229 | 474,924 | 149,903 | 45,189 | 3,322,151 | N |
|  | 6.6\% | 9.4\% | 19.8\% | 15.9\% | 17.3\% | 10.8\% | 14.3\% | 4.5\% | 1.4\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

DISTRIBUTION OF PELL GRANT RECIPIENTS
BY STUDENT AID INDEX AND FAMILY INCOME
DEPENDENT RECIPIENTS - AWARD PERIOD 1989-90

| STUDENT AID INDEX | FAMILY INCOME |  |  |  |  |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Less Than } \\ \$ 1,001 \end{gathered}$ | $\begin{array}{r} \$ 1,001- \\ 3,000 \end{array}$ | $\begin{array}{r} \$ 3,001- \\ 6,000 \end{array}$ | $\begin{array}{r} \$ 6,001- \\ 9,000 \end{array}$ | $\begin{array}{r} \$ 9,001- \\ 15,000 \end{array}$ | $\begin{array}{r} \$ 15,001- \\ 20,000 \end{array}$ | $\begin{array}{r} \hline 20,001- \\ 30,000 \end{array}$ | $\begin{array}{r} \$ 30,001- \\ 40,000 \end{array}$ | \$40,001+ |  |  |
| 0....................... | 21,461 | 45,960 | 119,402 | 115,399 | 103,214 | 11,546 | 1,898 | 156 | 67 | 419,103 | N |
|  | 5.1\% | 11.0\% | 28.5\% | 27.5\% | 24.6\% | 2.8\% | 0.5\% | 0.0\% | 0.0\% | 100.0\% | R\% |
|  | 61.9\% | 86.9\% | 87.4\% | 78.9\% | 37.3\% | 5.2\% | 0.6\% | 0.1\% | 0.2\% | 30.7\% | C\% |
| 1-200................. | 9,785 | 5,229 | 12,376 | 20,480 | 77,636 | 32,055 | 8,317 | 312 | 54 | 166,244 | N |
|  | 5.9\% | 3.1\% | 7.4\% | 12.3\% | 46.7\% | 19.3\% | 5.0\% | 0.2\% | 0.0\% | 100.0\% | R\% |
|  | 28.2\% | 9.9\% | 9.1\% | 14.0\% | 28.0\% | 14.6\% | 2.5\% | 0.2\% | 0.1\% | 12.2\% | C\% |
| 201-400................. | 1,573 | 742 | 1,841 | 3,150 | 40,225 | 37,338 | 23,257 | 1,393 | 83 | 109,602 | N |
|  | 1.4\% | 0.7\% | 1.7\% | 2.9\% | 36.7\% | 34.1\% | 21.2\% | 1.3\% | 0.1\% | 100.0\% | R\% |
|  | 4.5\% | 1.4\% | 1.3\% | 2.2\% | 14.5\% | 17.0\% | 7.1\% | 1.1\% | 0.2\% | 8.0\% | C\% |
| 401-600................. | 583 | 291 | 810 | 1,634 | 20,419 | 36,747 | 36,653 | 4,439 | 227 | 101,803 | N |
|  | 0.6\% | 0.3\% | 0.8\% | 1.6\% | 20.1\% | 36.1\% | 36.0\% | 4.4\% | 0.2\% | 100.0\% | R\% |
|  | 1.7\% | 0.6\% | 0.6\% | 1.1\% | 7.4\% | 16.7\% | 11.2\% | 3.5\% | 0.5\% | 7.5\% | C\% |
| 601-800................ | 438 | 229 | 583 | 1,282 | 8,425 | 34,313 | 36,958 | 8,509 | 708 | 91,445 | N |
|  | 0.5\% | 0.3\% | 0.6\% | 1.4\% | 9.2\% | 37.5\% | 40.4\% | 9.3\% | 0.8\% | 100.0\% | R\% |
|  | 1.3\% | 0.4\% | 0.4\% | 0.9\% | 3.0\% | 15.6\% | 11.3\% | 6.8\% | 1.7\% | 6.7\% | C\% |
| 801-1,000................ | 305 | 140 | 475 | 978 | 6,129 | 25,712 | 40,129 | 13,757 | 1,623 | 89,248 | N |
|  | 0.3\% | 0.2\% | 0.5\% | 1.1\% | 6.9\% | 28.8\% | 45.0\% | 15.4\% | 1.8\% | 100.0\% | R\% |
|  | 0.9\% | 0.3\% | 0.3\% | 0.7\% | 2.2\% | 11.7\% | 12.2\% | 11.0\% | 3.8\% | 6.5\% | C\% |
| 1,001-1,200................ | 159 | 84 | 307 | 814 | 5,237 | 14,135 | 44,684 | 16,729 | 2,939 | 85,088 | N |
|  | 0.2\% | 0.1\% | 0.4\% | 1.0\% | 6.2\% | 16.6\% | 52.5\% | 19.7\% | 3.5\% | 100.0\% | R\% |
|  | 0.5\% | 0.2\% | 0.2\% | 0.6\% | 1.9\% | 6.4\% | 13.6\% | 13.4\% | 7.0\% | 6.2\% | C\% |
| 1,201-1,400............... | 128 | 76 | 275 | 728 | 4,554 | 8,882 | 37,269 | 17,406 | 4,637 | 73,955 | N |
|  | 0.2\% | 0.1\% | 0.4\% | 1.0\% | 6.2\% | 12.0\% | 50.4\% | 23.5\% | 6.3\% | 100.0\% | R\% |
|  | 0.4\% | 0.1\% | 0.2\% | 0.5\% | 1.6\% | 4.0\% | 11.4\% | 13.9\% | 11.0\% | 5.4\% | C\% |
| 1,401-1,600............... | 83 | 51 | 185 | 623 | 3,909 | 6,869 | 33,659 | 17,963 | 6,181 | 69,523 | N |
|  | 0.1\% | 0.1\% | 0.3\% | 0.9\% | 5.6\% | 9.9\% | 48.4\% | 25.8\% | 8.9\% | 100.0\% | R\% |
|  | 0.2\% | 0.1\% | 0.1\% | 0.4\% | 1.4\% | 3.1\% | 10.3\% | 14.3\% | 14.6\% | 5.1\% | C\% |
| 1,601-1,800............... | 63 | 42 | 178 | 525 | 3,373 | 5,857 | 29,855 | 18,004 | 8,743 | 66,640 | N |
|  | 0.1\% | 0.1\% | 0.3\% | 0.8\% | 5.1\% | 8.8\% | 44.8\% | 27.0\% | 13.1\% | 100.0\% | R\% |
|  | 0.2\% | 0.1\% | 0.1\% | 0.4\% | 1.2\% | 2.7\% | 9.1\% | 14.4\% | 20.7\% | 4.9\% | C\% |
| 1,801-2,100............... | 70 | 53 | 200 | 572 | 3,839 | 6,628 | 35,529 | 26,551 | 16,949 | 90,391 | N |
|  | 0.1\% | 0.1\% | 0.2\% | 0.6\% | 4.2\% | 7.3\% | 39.3\% | 29.4\% | 18.8\% | 100.0\% | R\% |
|  | 0.2\% | 0.1\% | 0.1\% | 0.4\% | 1.4\% | 3.0\% | 10.8\% | 21.2\% | 40.2\% | 6.6\% | C\% |
| Total.......................... | 34,648 | 52,897 | 136,632 | 146,185 | 276,960 | 220,082 | 328,208 | 125,219 | 42,211 | 1,363,042 | N |
|  | 2.5\% | 3.9\% | 10.0\% | 10.7\% | 20.3\% | 16.1\% | 24.1\% | 9.2\% | 3.1\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

distribution of pell grant recipients
BY STUDENT AID INDEX AND FAMILY INCOME
INDEPENDENT RECIPIENTS - AWARD PERIOD 1989-90

| STUDENT AID INDEX | FAMILY MNCOME |  |  |  |  |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Less Than } \\ \$ 1,001 \end{gathered}$ | $\begin{array}{r} \$ 1,001- \\ 3,000 \end{array}$ | $\begin{array}{r} \$ 3,001- \\ 6,000 \end{array}$ | $\begin{array}{r} \hline \mathbf{\$ 6 , 0 0 1 -} \\ 9,000 \end{array}$ | $\begin{aligned} & \$ 9,001- \\ & 15,000 \end{aligned}$ | $\begin{array}{r} \text { \$15,001- } \\ 20,000 \end{array}$ | $\begin{array}{r} \hline 20,001- \\ 30,000 \end{array}$ | $\begin{array}{r} \hline \text { 30,001- } \\ 40,000 \end{array}$ | \$40,001+ |  |  |
| 0....................... | 184,261 | 258,129 | 517,880 | 222,376 | 105,568 | 6,052 | 698 | 80 | 18 | 1,295,062 | N |
|  | 14.2\% | 19.9\% | 40.0\% | 17.2\% | 8.2\% | 0.5\% | 0.1\% | 0.0\% | 0.0\% | 100.0\% | R\% |
|  | 99.9\% | 99.9\% | 99.1\% | 58.1\% | 35.3\% | 4.4\% | 0.5\% | 0.3\% | 0.6\% | 66.1\% |  |
| 1-200................. | 17 | 34 | 3,213 | 24,797 | 77,341 | 16,214 | 1,776 | 34 | 4 | 123,430 | N |
|  | 0.0\% | 0.0\% | 2.6\% | 20.1\% | 62.7\% | 13.1\% | 1.4\% | 0.0\% | 0.0\% | 100.0\% | R\% |
|  | 0.0\% | 0.0\% | 0.6\% | 6.5\% | 25.8\% | 11.8\% | 1.2\% | 0.1\% | 0.1\% | 6.3\% | C\% |
| 201-400................. | 11 | 28 | 459 | 21,959 | 46,760 | 31,028 | 7,192 | 190 | 3 | 107,630 | N |
|  | 0.0\% | 0.0\% | 0.4\% | 20.4\% | 43.4\% | 28.8\% | 6.7\% | 0.2\% | 0.0\% | 100.0\% | R\% |
|  | 0.0\% | 0.0\% | 0.1\% | 5.7\% | 15.6\% | 22.6\% | 4.9\% | 0.8\% | 0.1\% | 5.5\% | C\% |
| 401-600................. | 12 | 37 | 270 | 21,633 | 18,078 | 35,508 | 16,169 | 582 | 23 | 92,312 | N |
|  | 0.0\% | 0.0\% | 0.3\% | 23.4\% | 19.6\% | 38.5\% | 17.5\% | 0.6\% | 0.0\% | 100.0\% | R\% |
|  | 0.0\% | 0.0\% | 0.1\% | 5.7\% | 6.0\% | 25.9\% | 11.0\% | 2.4\% | 0.8\% | 4.7\% | C\% |
| 601-800................ | 11 | 25 | 221 | 20,610 | 4,338 | 27,549 | 18,796 | 1,213 | 58 | 72,821 | N |
|  | 0.0\% | 0.0\% | 0.3\% | 28.3\% | 6.0\% | 37.8\% | 25.8\% | 1.7\% | 0.1\% | 100.0\% | R\% |
|  | 0.0\% | 0.0\% | 0.0\% | 5.4\% | 1.4\% | 20.1\% | 12.8\% | 4.9\% | 1.9\% | 3.7\% | C\% |
| 801-1,000................ | 13 | 23 | 169 | 18,966 | 3,443 | 14,270 | 24,334 | 2,278 | 112 | 63,608 | N |
|  | 0.0\% | 0.0\% | 0.3\% | 29.8\% | 5.4\% | 22.4\% | 38.3\% | 3.6\% | 0.2\% | 100.0\% | R\% |
|  | 0.0\% | 0.0\% | 0.0\% | 5.0\% | 1.2\% | 10.4\% | 16.6\% | 9.2\% | 3.8\% | 3.2\% | C\% |
| 1,001-1,200................ | 13 | 22 | 156 | 17,778 | 3,444 | 3,781 | 27,102 | 3,003 | 228 | 55,527 | N |
|  | 0.0\% | 0.0\% | 0.3\% | 32.0\% | 6.2\% | 6.8\% | 48.8\% | 5.4\% | 0.4\% | 100.0\% | R\% |
|  | 0.0\% | 0.0\% | 0.0\% | 4.6\% | 1.2\% | 2.8\% | 18.5\% | 12.2\% | 7.7\% | 2.8\% | C\% |
| 1,201-1,400............... | 7 | 24 | 114 | 14,991 | 4,762 | 641 | 17,318 | 2,980 | 419 | 41,256 | N |
|  | 0.0\% | 0.1\% | 0.3\% | 36.3\% | 11.5\% | 1.6\% | 42.0\% | 7.2\% | 1.0\% | 100.0\% | R\% |
|  | 0.0\% | 0.0\% | 0.0\% | 3.9\% | 1.6\% | 0.5\% | 11.8\% | 12.1\% | 14.1\% | 2.1\% | C\% |
| 1,401-1,600............... | 10 | 13 | 100 | 11,119 | 7,118 | 372 | 14,356 | 3,470 | 495 | 37,053 | N |
|  | 0.0\% | 0.0\% | 0.3\% | 30.0\% | 19.2\% | 1.0\% | 38.7\% | 9.4\% | 1.3\% | 100.0\% | R\% |
|  | 0.0\% | 0.0\% | 0.0\% | 2.9\% | 2.4\% | 0.3\% | 9.8\% | 14.1\% | 16.6\% | 1.9\% | C\% |
| 1,601-1,800............... | 5 | 7 | 94 | 5,665 | 10,978 | 484 | 10,638 | 4,158 | 663 | 32,692 | N |
|  | 0.0\% | 0.0\% | 0.3\% | 17.3\% | 33.6\% | 1.5\% | 32.5\% | 12.7\% | 2.0\% | 100.0\% | R\% |
|  | 0.0\% | 0.0\% | 0.0\% | 1.5\% | 3.7\% | 0.4\% | 7.3\% | 16.8\% | 22.3\% | 1.7\% | C\% |
| 1,801-2,100............... | 5 | 19 | 131 | 2,830 | 17,497 | 1,248 | 8,337 | 6,696 | 955 | 37,718 | N |
|  | 0.0\% | 0.1\% | 0.3\% | 7.5\% | 46.4\% | 3.3\% | 22.1\% | 17.8\% | 2.5\% | 100.0\% | R\% |
|  | 0.0\% | 0.0\% | 0.0\% | 0.7\% | 5.8\% | 0.9\% | 5.7\% | 27.1\% | 32.1\% | 1.9\% | C\% |
| Total......................... | 184,365 | 258,361 | 522,807 | 382,724 | 299,327 | 137,147 | 146,716 | 24,684 | 2,978 | 1,959,109 | N |
|  | 9.4\% | 13.2\% | 26.7\% | 19.5\% | 15.3\% | 7.0\% | 7.5\% | 1.3\% | 0.2\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

## Table 3

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

Award Period 1989-90

3A - Total<br>3B - Dependent<br>3C - Independent

Tables 3A, 3B, and 3C present the distribution of Pell Grant recipients by family income and grant level for all recipients, dependents and independents, respectively. Table 3A supports the inverse relationship between family income and grant size introduced in Table 2.

Over half ( 51.7 percent) of all grant recipients report family income of less than $\$ 9,000$. Of recipients in that income category, 28.9 percent receive the maximum grant of $\$ 2,300$. Only 16.9 percent of these recipients receive grants of less than $\$ 900$. Of recipients reporting income greater than $\$ 20,000,50.6$ percent receive grants less than $\$ 900$, and less than 1 percent receive the maximum grant.

## Independents Receive Most of Higher Grants.

 A look at Tables 3B and 3C shows that the majority of those receiving both the maximum and other high or moderately high grants are independent.- Three-quarters ( 72.9 percent) of those receiving the maximum grant said they are independent.
- Over sixty-one percent of recipients receiving grants of $\$ 1,500$ or more are independent of parental support. Over half ( 50.1 percent) of all independent recipients receive grants greater than $\$ 1,500$ with over twenty-one percent of receiving the maximum grant.

It should be remembered that independents report far lower incomes than dependents on the whole and therefore are more likely to qualify for larger grants. Dependents who must claim their parents' income are more likely to receive a smaller grant, as illustrated in Figure 6.

- In 1989-90 only 11.5 percent of dependent recipients received the maximum grant. In contrast, 21.5 percent of independent recipients receive the maximum grant.
- Although 44.7 percent of dependents received grants larger than $\$ 1,500,39.7$ percent of those report a family income less than $\$ 9,000$; over 85 percent report family income of less than $\$ 20,000$.


Figure 6: Distribution of Grants By Dependency Status

- Twenty-seven percent of all dependent recipients received grants less than $\$ 900$.

For the most part, students with relatively large incomes are more likely than their low income counterparts to receive a small grant. It is important to note that educational cost is also a key determinant of grant level. Although 16.8 percent of recipients with income less than $\$ 9,000$ that received grants less than $\$ 900$, it is likely that many of these students attend low cost institutions.

TABLE 3-A
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY FAMILY INCOME AND GRANT LEVEL
ALL RECIPIENTS - AWARD PERIOD 1989-90

|  | GRANT LEVEL |  |  |  |  |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FAMILY INCOME: | $\begin{array}{r} \$ 1- \\ 299 \end{array}$ | $\begin{gathered} \$ 300- \\ 599 \end{gathered}$ | $\begin{array}{r} \$ 600- \\ 899 \end{array}$ | $\begin{aligned} & \$ 900- \\ & 1,199 \end{aligned}$ | $\begin{gathered} \$ 1,200- \\ 1,499 \end{gathered}$ | $\begin{aligned} & 1,500- \\ & 1,799 \end{aligned}$ | $\begin{array}{r} \$ 1,800- \\ 2,099 \end{array}$ | $\begin{array}{r} \$ 2,100- \\ 2,299 \end{array}$ | \$2,300 |  |  |
| LESS THAN \$1,001....... | $\begin{gathered} 6,609 \\ 3.0 \% \\ 5.7 \% \end{gathered}$ | $\begin{array}{r} 18,581 \\ 8.5 \% \\ 5.6 \% \end{array}$ | $\begin{array}{r} 19,490 \\ 8.9 \% \\ 5.0 \% \end{array}$ | $\begin{array}{r} 37,915 \\ 17.3 \% \\ 6.8 \% \end{array}$ | $\begin{array}{r} 12,802 \\ 5.8 \% \\ 4.0 \% \end{array}$ | $\begin{array}{r} 22,603 \\ 10.3 \% \\ 5.5 \% \end{array}$ | $\begin{array}{r} 22,714 \\ 10.4 \% \\ 6.2 \% \end{array}$ | $\begin{array}{r} 18,143 \\ 8.3 \% \\ 7.3 \% \end{array}$ | $\begin{gathered} 60,156 \\ 27.5 \% \\ 10.4 \% \end{gathered}$ | $\begin{array}{r} 219,013 \\ 100.0 \% \\ 6.6 \% \end{array}$ | N <br> R\% <br> C\% |
| \$1,001-3,000............. | $\begin{gathered} 2,977 \\ 1.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 15,098 \\ 4.9 \% \\ 4.6 \% \end{array}$ | $\begin{array}{r} 26,247 \\ 8.4 \% \\ 6.7 \% \end{array}$ | $\begin{gathered} 57,046 \\ 18.3 \% \\ 10.3 \% \end{gathered}$ | $\begin{array}{r} 16,460 \\ 5.3 \% \\ 5.1 \% \end{array}$ | $\begin{array}{r} 36,129 \\ 11.6 \% \\ 8.8 \% \end{array}$ | $\begin{array}{r} 29,976 \\ 9.6 \% \\ 8.1 \% \end{array}$ | $\begin{gathered} 22,702 \\ 7.3 \% \\ 9.2 \% \end{gathered}$ | $\begin{array}{r} 104,623 \\ 33.6 \% \\ 18.1 \% \end{array}$ | $\begin{array}{r} 311,258 \\ 100.0 \% \\ 9.4 \% \end{array}$ | N <br> R\% <br> C\% |
| \$3,001 - 6,000............. | $\begin{gathered} 6,020 \\ 0.9 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 31,349 \\ 4.8 \% \\ 9.5 \% \end{array}$ | $\begin{array}{r} 55,824 \\ 8.5 \% \\ 14.2 \% \end{array}$ | $\begin{array}{r} 115,278 \\ 17.5 \% \\ 20.7 \% \end{array}$ | $\begin{array}{r} 34,727 \\ 5.3 \% \\ 10.8 \% \end{array}$ | $\begin{gathered} 79,436 \\ 12.0 \% \\ 19.3 \% \end{gathered}$ | $\begin{gathered} 66,174 \\ 10.0 \% \\ 18.0 \% \end{gathered}$ | $\begin{array}{r} 52,616 \\ 8.0 \% \\ 21.3 \% \end{array}$ | $\begin{array}{r} 218,015 \\ 33.1 \% \\ 37.7 \% \end{array}$ | 659,439 100.0\% 19.8\% | N <br> R\% <br> C\% |
| \$6,001-9,000............. | $\begin{gathered} 9,850 \\ 1.9 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 40,434 \\ 7.6 \% \\ 12.2 \% \end{array}$ | $\begin{gathered} 57,511 \\ 10.9 \% \\ 14.6 \% \end{gathered}$ | $\begin{gathered} 90,701 \\ 17.1 \% \\ 16.3 \% \end{gathered}$ | $\begin{array}{r} 47,802 \\ 9.0 \% \\ 14.9 \% \end{array}$ | $\begin{gathered} 65,576 \\ 12.4 \% \\ 16.0 \% \end{gathered}$ | $\begin{gathered} 59,441 \\ 11.2 \% \\ 16.1 \% \end{gathered}$ | $\begin{array}{r} 44,312 \\ 8.4 \% \\ 17.9 \% \end{array}$ | $\begin{array}{r} 113,282 \\ 21.4 \% \\ 19.6 \% \end{array}$ | $\begin{gathered} 528,909 \\ 100.0 \% \\ 15.9 \% \end{gathered}$ | N <br> R\% <br> C\% |
| \$9,001-15,000............. | $\begin{array}{r} 20,000 \\ 3.5 \% \\ 0.0 \% \end{array}$ | $\begin{array}{r} 50,860 \\ 8.8 \% \\ 15.3 \% \end{array}$ | $\begin{array}{r} 55,156 \\ 9.6 \% \\ 14.0 \% \end{array}$ | $\begin{gathered} 86,759 \\ 15.1 \% \\ 15.6 \% \end{gathered}$ | $\begin{array}{r} 50,497 \\ 8.8 \% \\ 15.7 \% \end{array}$ | $\begin{gathered} 66,370 \\ 11.5 \% \\ 16.2 \% \end{gathered}$ | $\begin{gathered} 93,538 \\ 16.2 \% \\ 25.4 \% \end{gathered}$ | $\begin{gathered} 80,359 \\ 13.9 \% \\ 32.5 \% \end{gathered}$ | $\begin{gathered} 72,748 \\ 12.6 \% \\ 12.6 \% \end{gathered}$ | $\begin{array}{r} 576,287 \\ 100.0 \% \\ 17.3 \% \end{array}$ | $\begin{aligned} & \mathrm{N} \\ & \mathrm{R} \% \end{aligned}$ C\% |
| \$15,001-20,000............ | $\begin{gathered} 8,227 \\ 2.3 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 31,558 \\ 8.8 \% \\ 9.5 \% \end{array}$ | $\begin{gathered} 45,936 \\ 12.9 \% \\ 11.7 \% \end{gathered}$ | $\begin{array}{r} 51,094 \\ 14.3 \% \\ 9.2 \% \end{array}$ | $\begin{gathered} 57,972 \\ 16.2 \% \\ 18.1 \% \end{gathered}$ | $\begin{gathered} 70,812 \\ 19.8 \% \\ 17.2 \% \end{gathered}$ | $\begin{gathered} 60,794 \\ 17.0 \% \\ 16.5 \% \end{gathered}$ | $\begin{array}{r} 23,408 \\ 6.6 \% \\ 9.5 \% \end{array}$ | $\begin{gathered} 7,428 \\ 2.1 \% \\ 1.3 \% \end{gathered}$ | $\begin{gathered} 357,229 \\ 100.0 \% \\ 10.8 \% \end{gathered}$ | N <br> R\% <br> C\% |
| \$20,001-30,000............ | $\begin{array}{r} 33,717 \\ 7.1 \% \\ 0.0 \% \end{array}$ | $\begin{gathered} 87,920 \\ 18.5 \% \\ 26.5 \% \end{gathered}$ | $\begin{gathered} 91,054 \\ 19.2 \% \\ 23.2 \% \end{gathered}$ | $\begin{gathered} 85,644 \\ 18.0 \% \\ 15.4 \% \end{gathered}$ | $\begin{gathered} 77,060 \\ 16.2 \% \\ 24.0 \% \end{gathered}$ | $\begin{gathered} 59,388 \\ 12.5 \% \\ 14.5 \% \end{gathered}$ | $\begin{array}{r} 33,176 \\ 7.0 \% \\ 9.0 \% \end{array}$ | $\begin{gathered} 5,419 \\ 1.1 \% \\ 2.2 \% \end{gathered}$ | $\begin{gathered} 1,546 \\ 0.3 \% \\ 0.3 \% \end{gathered}$ | $\begin{gathered} 474,924 \\ 100.0 \% \\ 14.3 \% \end{gathered}$ | N <br> R\% <br> C\% |
| \$30,001-40,000............ | $\begin{array}{r} 19,796 \\ 13.2 \% \\ 0.0 \% \end{array}$ | $\begin{gathered} 38,877 \\ 25.9 \% \\ 11.7 \% \end{gathered}$ | $\begin{gathered} 31,813 \\ 21.2 \% \\ 8.1 \% \end{gathered}$ | $\begin{array}{r} 26,127 \\ 17.4 \% \\ 4.7 \% \end{array}$ | $\begin{array}{r} 20,862 \\ 13.9 \% \\ 6.5 \% \end{array}$ | $\begin{gathered} 9,608 \\ 6.4 \% \\ 2.3 \% \end{gathered}$ | $\begin{gathered} 2,405 \\ 1.6 \% \\ 0.7 \% \end{gathered}$ | $\begin{gathered} 244 \\ 0.2 \% \\ 0.1 \% \end{gathered}$ | $\begin{gathered} 171 \\ 0.1 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 149,903 \\ 100.0 \% \\ 4.5 \% \end{array}$ | N <br> R\% <br> C\% |
| \$40,001 +..................... | $\begin{gathered} 8,916 \\ 19.7 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 16,943 \\ 37.5 \% \\ 5.1 \% \end{array}$ | $\begin{array}{r} 10,089 \\ 22.3 \% \\ 2.6 \% \end{array}$ | $\begin{array}{r} 5,772 \\ 12.8 \% \\ 1.0 \% \end{array}$ | $\begin{gathered} 2,497 \\ 5.5 \% \\ 0.8 \% \end{gathered}$ | $\begin{gathered} 723 \\ 1.6 \% \\ 0.2 \% \end{gathered}$ | $\begin{gathered} 155 \\ 0.3 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 42 \\ 0.1 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 52 \\ 0.1 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 45,189 \\ 100.0 \% \\ 1.4 \% \end{array}$ | N $\mathrm{R} \%$ $\mathrm{C} \%$ |
| TOTAL......................... | $\begin{array}{r} 116,112 \\ 3.5 \% \\ 0.0 \% \end{array}$ | $\begin{array}{r} 331,620 \\ 10.0 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 393,120 \\ 11.8 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 556,336 \\ 16.7 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 320,679 \\ 9.7 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 410,645 \\ 12.4 \% \\ 100.0 \% \end{array}$ | 368,373 <br> 11.1\% 100.0\% | $\begin{array}{r} 247,245 \\ 7.4 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 578,021 \\ 17.4 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 3,322,151 \\ 100.0 \% \\ 100.0 \% \end{array}$ | N R\% C\% |

TABLE 3-B
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY FAMILY INCOME AND GRANT LEVEL
DEPENDENT RECIPIENTS - AWARD PERIOD 1989-90

| FAMILY INCOME: | GRANT LEVEL |  |  |  |  |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} \$ 1- \\ 299 \end{array}$ | $\begin{gathered} \$ 300- \\ 599 \end{gathered}$ | $\begin{array}{r} \$ 600- \\ 899 \end{array}$ | $\begin{aligned} & \$ 900- \\ & 1,199 \end{aligned}$ | $\begin{gathered} \$ 1,200- \\ 1,499 \end{gathered}$ | $\begin{aligned} & 1,500- \\ & 1,799 \end{aligned}$ | $\begin{gathered} \$ 1,800- \\ 2,099 \end{gathered}$ | $\begin{array}{r} \$ 2,100- \\ 2,299 \end{array}$ | \$2,300 |  |  |
| LESS THAN \$1,001....... | 182 | 1,090 | 1,854 | 4,187 | 2,312 | 3,423 | 5,167 | 7,904 | 8,529 | 34,648 | N |
|  | 0.5\% | 3.1\% | 5.4\% | 12.1\% | 6.7\% | 9.9\% | 14.9\% | 22.8\% | 24.6\% | 100.0\% | R\% |
|  | 0.3\% | 0.8\% | 1.1\% | 2.0\% | 1.4\% | 2.0\% | 3.1\% | 6.5\% | 5.5\% | 2.5\% | C\% |
| \$1,001-3,000............. | 368 | 1,921 | 3,821 | 7,986 | 4,130 | 5,608 | 5,686 | 7,004 | 16,373 | 52,897 | N |
|  | 0.7\% | 3.6\% | 7.2\% | 15.1\% | 7.8\% | 10.6\% | 10.7\% | 13.2\% | 31.0\% | 100.0\% | R\% |
|  | 0.7\% | 1.3\% | 2.3\% | 3.9\% | 2.4\% | 3.2\% | 3.4\% | 5.7\% | 10.5\% | 3.9\% | C\% |
| \$3,001-6,000............. | 1,070 | 4,946 | 10,093 | 20,266 | 9,919 | 14,834 | 15,259 | 16,582 | 43,663 | 136,632 | N |
|  | 0.8\% | 3.6\% | 7.4\% | 14.8\% | 7.3\% | 10.9\% | 11.2\% | 12.1\% | 32.0\% | 100.0\% | R\% |
|  | 2.0\% | 3.4\% | 6.0\% | 9.8\% | 5.8\% | 8.5\% | 9.1\% | 13.6\% | 27.9\% | 10.0\% | C\% |
| \$6,001-9,000.............. | 1,317 | 5,492 | 10,368 | 20,895 | 11,238 | 16,225 | 18,082 | 20,322 | 42,246 | 146,185 | N |
|  | 0.9\% | 3.8\% | 7.1\% | 14.3\% | 7.7\% | 11.1\% | 12.4\% | 13.9\% | 28.9\% | 100.0\% | R\% |
|  | 2.5\% | 3.8\% | 6.2\% | 10.1\% | 6.6\% | 9.3\% | 10.8\% | 16.6\% | 27.0\% | 10.7\% | C\% |
| \$9,001-15,000............. | 3,883 | 13,537 | 21,486 | 36,835 | 26,452 | 33,757 | 53,662 | 48,035 | 39,313 | 276,960 | N |
|  | 1.4\% | 4.9\% | 7.8\% | 13.3\% | 9.6\% | 12.2\% | 19.4\% | 17.3\% | 14.2\% | 100.0\% | R\% |
|  | 7.2\% | 9.4\% | 12.8\% | 17.9\% | 15.6\% | 19.3\% | 31.9\% | 39.3\% | 25.1\% | 20.3\% | C\% |
| \$15,001-20,000............ | 4,979 | 15,826 | 24,313 | 28,366 | 38,267 | 45,598 | 40,190 | 17,526 | 5,017 | 220,082 | N |
|  | 2.3\% | 7.2\% | 11.0\% | 12.9\% | 17.4\% | 20.7\% | 18.3\% | 8.0\% | 2.3\% | 100.0\% | R\% |
|  | 9.3\% | 11.0\% | 14.5\% | 13.8\% | 22.6\% | 26.0\% | 23.9\% | 14.3\% | 3.2\% | 16.1\% | C\% |
| \$20,001-30,000............ | 20,051 | 54,698 | 58,800 | 58,966 | 55,881 | 46,268 | 27,686 | 4,711 | 1,147 | 328,208 | N |
|  | 6.1\% | 16.7\% | 17.9\% | 18.0\% | 17.0\% | 14.1\% | 8.4\% | 1.4\% | 0.3\% | 100.0\% | R\% |
|  | 37.4\% | 38.0\% | 35.1\% | 28.6\% | 32.9\% | 26.4\% | 16.5\% | 3.9\% | 0.7\% | 24.1\% | C\% |
| \$30,001-40,000............ | 13,650 | 30,603 | 27,149 | 23,287 | 19,065 | 8,881 | 2,225 | 223 | 136 | 125,219 | N |
|  | 10.9\% | 24.4\% | 21.7\% | 18.6\% | 15.2\% | 7.1\% | 1.8\% | 0.2\% | 0.1\% | 100.0\% | R\% |
|  | 25.5\% | 21.3\% | 16.2\% | 11.3\% | 11.2\% | 5.1\% | 1.3\% | 0.2\% | 0.1\% | 9.2\% | C\% |
| \$40,001 +..................... | 8,078 | 15,771 | 9,534 | 5,495 | 2,407 | 694 | 146 | 38 | 48 | 42,211 | N |
|  | 19.1\% | 37.4\% | 22.6\% | 13.0\% | 5.7\% | 1.6\% | 0.3\% | 0.1\% | 0.1\% | 100.0\% | R\% |
|  | 15.1\% | 11.0\% | 5.7\% | 2.7\% | 1.4\% | 0.4\% | 0.1\% | 0.0\% | 0.0\% | 3.1\% | C\% |
| TOTAL......................... | 53,578 | 143,884 | 167,418 | 206,283 | 169,671 | 175,288 | 168,103 | 122,345 | 156,472 | 1,363,042 | N |
|  | 3.9\% | 10.6\% | 12.3\% | 15.1\% | 12.4\% | 12.9\% | 12.3\% | 9.0\% | 11.5\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

TABLE 3-C
DISTRIBUTION OF PELL GRANT RECIPIENTS
bY FAMILY INCOME AND GRANT LEVEL
INDEPENDENT RECIPIENTS - AWARD PERIOD 1989-90

|  | GRANT LEVEL |  |  |  |  |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FAMILY INCOME: | $\begin{array}{r} \$ 1- \\ 299 \end{array}$ | $\begin{gathered} \$ 300- \\ 599 \end{gathered}$ | $\begin{array}{r} \$ 600- \\ 899 \end{array}$ | $\begin{aligned} & \$ 900- \\ & 1,199 \end{aligned}$ | $\begin{gathered} \$ 1,200- \\ 1,499 \end{gathered}$ | $\begin{aligned} & 1,500- \\ & 1,799 \end{aligned}$ | $\begin{gathered} \$ 1,800- \\ 2,099 \end{gathered}$ | $\begin{array}{r} \$ 2,100- \\ 2,299 \end{array}$ | \$2,300 |  |  |
| LESS THAN \$1,001....... | $\begin{gathered} 6,427 \\ 3.5 \% \\ 10.3 \% \end{gathered}$ | $\begin{array}{r} 17,491 \\ 9.5 \% \\ 9.3 \% \end{array}$ | $\begin{array}{r} 17,636 \\ 9.6 \% \\ 7.8 \% \end{array}$ | $\begin{array}{r} 33,728 \\ 18.3 \% \\ 9.6 \% \end{array}$ | $\begin{array}{r} 10,490 \\ 5.7 \% \\ 6.9 \% \end{array}$ | $\begin{array}{r} 19,180 \\ 10.4 \% \\ 8.1 \% \end{array}$ | $\begin{array}{r} 17,547 \\ 9.5 \% \\ 8.8 \% \end{array}$ | $\begin{array}{r} 10,239 \\ 5.6 \% \\ 8.2 \% \end{array}$ | $\begin{gathered} 51,627 \\ 28.0 \% \\ 12.2 \% \end{gathered}$ | 184,365 100.0\% 9.4\% | N <br> R\% <br> C\% |
| \$1,001 - 3,000............. | $\begin{gathered} 2,609 \\ 1.0 \% \\ 4.2 \% \end{gathered}$ | $\begin{array}{r} 13,177 \\ 5.1 \% \\ 7.0 \% \end{array}$ | $\begin{array}{r} 22,426 \\ 8.7 \% \\ 9.9 \% \end{array}$ | $\begin{gathered} 49,060 \\ 19.0 \% \\ 14.0 \% \end{gathered}$ | $\begin{array}{r} 12,330 \\ 4.8 \% \\ 8.2 \% \end{array}$ | $\begin{gathered} 30,521 \\ 11.8 \% \\ 13.0 \% \end{gathered}$ | $\begin{array}{r} 24,290 \\ 9.4 \% \\ 12.1 \% \end{array}$ | $\begin{array}{r} 15,698 \\ 6.1 \% \\ 12.6 \% \end{array}$ | $\begin{gathered} 88,250 \\ 34.2 \% \\ 20.9 \% \end{gathered}$ | $\begin{gathered} 258,361 \\ 100.0 \% \\ 13.2 \% \end{gathered}$ | N <br> R\% <br> C\% |
| \$3,001 - 6,000............. | $\begin{gathered} 4,950 \\ 0.9 \% \\ 7.9 \% \end{gathered}$ | $\begin{array}{r} 26,403 \\ 5.1 \% \\ 14.1 \% \end{array}$ | $\begin{array}{r} 45,731 \\ 8.7 \% \\ 20.3 \% \end{array}$ | $\begin{gathered} 95,012 \\ 18.2 \% \\ 27.1 \% \end{gathered}$ | $\begin{array}{r} 24,808 \\ 4.7 \% \\ 16.4 \% \end{array}$ | $\begin{gathered} 64,602 \\ 12.4 \% \\ 27.4 \% \end{gathered}$ | $\begin{array}{r} 50,915 \\ 9.7 \% \\ 25.4 \% \end{array}$ | $\begin{array}{r} 36,034 \\ 6.9 \% \\ 28.9 \% \end{array}$ | $\begin{array}{r} 174,352 \\ 33.3 \% \\ 41.4 \% \end{array}$ | $\begin{gathered} 522,807 \\ 100.0 \% \\ 26.7 \% \end{gathered}$ | N <br> R\% <br> C\% |
| \$6,001-9,000............. | $\begin{gathered} 8,533 \\ 2.2 \% \\ 13.6 \% \end{gathered}$ | $\begin{array}{r} 34,942 \\ 9.1 \% \\ 18.6 \% \end{array}$ | $\begin{gathered} 47,143 \\ 12.3 \% \\ 20.9 \% \end{gathered}$ | $\begin{gathered} 69,806 \\ 18.2 \% \\ 19.9 \% \end{gathered}$ | $\begin{array}{r} 36,564 \\ 9.6 \% \\ 24.2 \% \end{array}$ | $\begin{gathered} 49,351 \\ 12.9 \% \\ 21.0 \% \end{gathered}$ | $\begin{gathered} 41,359 \\ 10.8 \% \\ 20.7 \% \end{gathered}$ | $\begin{array}{r} 23,990 \\ 6.3 \% \\ 19.2 \% \end{array}$ | $\begin{gathered} 71,036 \\ 18.6 \% \\ 16.9 \% \end{gathered}$ | $\begin{array}{r} 382,724 \\ 100.0 \% \\ 19.5 \% \end{array}$ | N <br> R\% <br> C\% |
| \$9,001-15,000............. | $\begin{array}{r} 16,117 \\ 5.4 \% \\ 25.8 \% \end{array}$ | $\begin{gathered} 37,323 \\ 12.5 \% \\ 19.9 \% \end{gathered}$ | $\begin{gathered} 33,670 \\ 11.2 \% \\ 14.9 \% \end{gathered}$ | $\begin{gathered} 49,924 \\ 16.7 \% \\ 14.3 \% \end{gathered}$ | $\begin{array}{r} 24,045 \\ 8.0 \% \\ 15.9 \% \end{array}$ | $\begin{gathered} 32,613 \\ 10.9 \% \\ 13.9 \% \end{gathered}$ | $\begin{gathered} 39,876 \\ 13.3 \% \\ 19.9 \% \end{gathered}$ | $\begin{gathered} 32,324 \\ 10.8 \% \\ 25.9 \% \end{gathered}$ | $\begin{array}{r} 33,435 \\ 11.2 \% \\ 7.9 \% \end{array}$ | $\begin{array}{r} 299,327 \\ 100.0 \% \\ 15.3 \% \end{array}$ | N <br> R\% <br> C\% |
| \$15,001-20,000............ | $\begin{gathered} 3,248 \\ 2.4 \% \\ 5.2 \% \end{gathered}$ | $\begin{array}{r} 15,732 \\ 11.5 \% \\ 8.4 \% \end{array}$ | $\begin{array}{r} 21,623 \\ 15.8 \% \\ 9.6 \% \end{array}$ | $\begin{array}{r} 22,728 \\ 16.6 \% \\ 6.5 \% \end{array}$ | $\begin{gathered} 19,705 \\ 14.4 \% \\ 13.0 \% \end{gathered}$ | $\begin{gathered} 25,214 \\ 18.4 \% \\ 10.7 \% \end{gathered}$ | $\begin{gathered} 20,604 \\ 15.0 \% \\ 10.3 \% \end{gathered}$ | $\begin{gathered} 5,882 \\ 4.3 \% \\ 4.7 \% \end{gathered}$ | $\begin{gathered} 2,411 \\ 1.8 \% \\ 0.6 \% \end{gathered}$ | $\begin{array}{r} 137,147 \\ 100.0 \% \\ 7.0 \% \end{array}$ | N $\mathrm{R} \%$ $\mathrm{C} \%$ |
| \$20,001-30,000............ | $\begin{array}{r} 13,666 \\ 9.3 \% \\ 21.9 \% \end{array}$ | $\begin{gathered} 33,222 \\ 22.6 \% \\ 17.7 \% \end{gathered}$ | $\begin{gathered} 32,254 \\ 22.0 \% \\ 14.3 \% \end{gathered}$ | $\begin{array}{r} 26,678 \\ 18.2 \% \\ 7.6 \% \end{array}$ | $\begin{gathered} 21,179 \\ 14.4 \% \\ 14.0 \% \end{gathered}$ | $\begin{array}{r} 13,120 \\ 8.9 \% \\ 5.6 \% \end{array}$ | $\begin{gathered} 5,490 \\ 3.7 \% \\ 2.7 \% \end{gathered}$ | $\begin{gathered} 708 \\ 0.5 \% \\ 0.6 \% \end{gathered}$ | $\begin{aligned} & 399 \\ & 0.3 \% \\ & 0.1 \% \end{aligned}$ | $\begin{array}{r} 146,716 \\ 100.0 \% \\ 7.5 \% \end{array}$ | N <br> R\% <br> C\% |
| \$30,001-40,000............ | $\begin{array}{r} 6,146 \\ 24.9 \% \\ 9.8 \% \end{array}$ | $\begin{array}{r} 8,274 \\ 33.5 \% \\ 4.4 \% \end{array}$ | $\begin{array}{r} 4,664 \\ 18.9 \% \\ 2.1 \% \end{array}$ | $\begin{gathered} 2,840 \\ 11.5 \% \\ 0.8 \% \end{gathered}$ | $\begin{gathered} 1,797 \\ 7.3 \% \\ 1.2 \% \end{gathered}$ | $\begin{gathered} 727 \\ 2.9 \% \\ 0.3 \% \end{gathered}$ | $\begin{aligned} & 180 \\ & 0.7 \% \\ & 0.1 \% \end{aligned}$ | $\begin{gathered} 21 \\ 0.1 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 35 \\ 0.1 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 24,684 \\ 100.0 \% \\ 1.3 \% \end{array}$ | N <br> R\% <br> C\% |
| \$40,001 +..................... | $\begin{array}{r} 838 \\ 28.1 \% \\ 1.3 \% \end{array}$ | $\begin{gathered} 1,172 \\ 39.4 \% \\ 0.6 \% \end{gathered}$ | $\begin{gathered} 555 \\ 18.6 \% \\ 0.2 \% \end{gathered}$ | $\begin{gathered} 277 \\ 9.3 \% \\ 0.1 \% \end{gathered}$ | $\begin{gathered} 90 \\ 3.0 \% \\ 0.1 \% \end{gathered}$ | $\begin{gathered} 29 \\ 1.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 9 \\ 0.3 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 4 \\ 0.1 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 4 \\ 0.1 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 2,978 \\ 100.0 \% \\ 0.2 \% \end{array}$ | N $\mathrm{R} \%$ $\mathrm{C} \%$ |
| TOTAL......................... | $\begin{array}{r} \mathbf{6 2 , 5 3 4} \\ 3.2 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 187,736 \\ 9.6 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 225,702 \\ 11.5 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 350,053 \\ 17.9 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 151,008 \\ 7.7 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 235,357 \\ 12.0 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 200,270 \\ 10.2 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 124,900 \\ 6.4 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} \text { 421,549 } \\ 21.5 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 1,959,109 \\ 100.0 \% \\ 100.0 \% \end{array}$ | N <br> R\% <br> C\% |

## Table 4

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

Award Period 1989-90

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

Tables 4A, 4B, and 4C present the distribution of Pell Grant recipients by Student Aid Index (SAl) and Grant Level, for all recipients, dependents and independents, respectively.

SAI Is Highly Correlated With Grant. As discussed in Table 2, the SAl, along with educational cost and enrollment status, is a key determinant of the Pell Grant award. As shown in Figure 7, the lower the Student Aid Index the higher potential for a large grant. For example, 33.5 percent of recipients with a zero SAl receive the maximum grant of $\$ 2,300$, while only 15.0 percent with the minimum SAI receive grants less than $\$ 900$. These students most likely attend low cost institutions or are enrolled on a part-time basis.

Conversely, those recipients in the highest eligible SAI categories receive much smaller grants. Over 81.5 percent of recipients with SAls greater than 1,200 receive grants less than $\$ 900$.

Invalid Awards Are Few in Number. The stepshaped line drawn diagonally through the tables depicts valid versus invalid awards. All of the


Figure 7: Average Grant and SAI by Dependency Status
cells to the right of the line should contain zeros as they are invalid combinations of SAI and grant level as defined by the 1989-90 Pell Grant Payment Schedule. For example, the maximum grant that a full-time student with an SAl of 700 may receive is $\$ 1,650$. Grants that exceed $\$ 1,650$ with this SAI represent overawards that are most likely a result of a student attending more than one institution during the award year. The number of such invalid awards continues to be less than .2 percent of the total number of awards.

It is interesting to note that a large percentage of recipients in each SAI range receive the maximum allowable grant for that range. For example, of recipients in the 1,401 to 1,600 SAI range, 72.6 percent received grants in the maximum valid grant range of $\$ 1,500$ to $\$ 1,799$. This can be explained by the data in Table 7 which show that over 61 percent of
recipients report educational cost greater than the Pell Grant maximum of $\$ 3,800$, and 77 percent report educational cost greater than $\$ 3,300$. Because educational cost is a determinant of grant level, those recipients reporting high educational cost regardless of their SAI are more likely to be eligible for the maximum grant within that SAI range.

TABLE 4-A
DISTRIBUTION OF PELL GRANT RECIPIENTS
by Student aid index and grant level
ALL RECIPIENTS - AWARD PERIOD 1989-90
GRANT LEVEL

| STUDENT AID INDEX | $\begin{array}{r} \$ 1- \\ 299 \end{array}$ | $\begin{gathered} \$ 300- \\ 599 \end{gathered}$ | $\begin{gathered} \$ 600- \\ 899 \end{gathered}$ | $\begin{gathered} \$ 900- \\ 1,199 \end{gathered}$ | $\begin{gathered} \$ 1,200- \\ 1,499 \end{gathered}$ | $\begin{gathered} \$ 1,500- \\ 1,799 \end{gathered}$ | $\begin{gathered} \$ 1,800- \\ 2,099 \end{gathered}$ | $\begin{gathered} \$ 2,100- \\ \mathbf{2 , 2 9 9} \end{gathered}$ | 2,300 | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0...................... | 20,360 | 92,785 | 144,194 | 300,289 | 98,461 | 200,384 | 169,390 | 113,379 | 574,923 | 1,714,165 | N |
|  | 1.2\% | 5.4\% | 8.4\% | 17.5\% | 5.7\% | 11.7\% | 9.9\% | 6.6\% | 33.5\% | 100.0\% | R\% |
|  | 17.5\% | 28.0\% | 36.7\% | 54.0\% | 30.7\% | 48.8\% | 46.0\% | 45.9\% | 99.5\% | 51.6\% | C\% |
| 1-200................ | 1,823 | 12,885 | 19,195 | 40,425 | 21,114 | 27,823 | 32,142 | 133,191 | 1,076 | 289,674 | N |
|  | 0.6\% | 4.4\% | 6.6\% | 14.0\% | 7.3\% | 9.6\% | 11.1\% | 46.0\% | 0.4\% | 100.0\% | R\% |
|  | 1.6\% | 3.9\% | 4.9\% | 7.3\% | 6.6\% | 6.8\% | 8.7\% | 53.9\% | 0.2\% | 8.7\% | C\% |
| 201- 400................. | 1,592 | 11,252 | 15,446 | 32,043 | 22,314 | 19,835 | 113,717 | 299 | 734 | 217,232 | N |
|  | 0.7\% | 5.2\% | 7.1\% | 14.8\% | 10.3\% | 9.1\% | 52.3\% | 0.1\% | 0.3\% | 100.0\% | R\% |
|  | 1.4\% | 3.4\% | 3.9\% | 5.8\% | 7.0\% | 4.8\% | 30.9\% | 0.1\% | 0.1\% | 6.5\% | C\% |
| 401-600................. | 1,747 | 11,465 | 22,466 | 21,524 | 18,676 | 65,019 | 52,605 | 124 | 489 | 194,115 | N |
|  | 0.9\% | 5.9\% | 11.6\% | 11.1\% | 9.6\% | 33.5\% | 27.1\% | 0.1\% | 0.3\% | 100.0\% | R\% |
|  | 1.5\% | 3.5\% | 5.7\% | 3.9\% | 5.8\% | 15.8\% | 14.3\% | 0.1\% | 0.1\% | 5.8\% | C\% |
| 601-800................ | 1,793 | 11,661 | 24,786 | 14,236 | 14,355 | 96,926 | 170 | 71 | 268 | 164,266 | N |
|  | 1.1\% | 7.1\% | 15.1\% | 8.7\% | 8.7\% | 59.0\% | 0.1\% | 0.0\% | 0.2\% | 100.0\% | R\% |
|  | 1.5\% | 3.5\% | 6.3\% | 2.6\% | 4.5\% | 23.6\% | 0.0\% | 0.0\% | 0.0\% | 4.9\% | C\% |
| 801-1,000................ | 1,786 | 11,595 | 22,959 | 16,116 | 99,778 | 232 | 165 | 91 | 134 | 152,856 | N |
|  | 1.2\% | 7.6\% | 15.0\% | 10.5\% | 65.3\% | 0.2\% | 0.1\% | 0.1\% | 0.1\% | 100.0\% | R\% |
|  | 1.5\% | 3.5\% | 5.8\% | 2.9\% | 31.1\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 4.6\% | C\% |
| 1,001-1,200............... | 3,605 | 17,513 | 19,968 | 53,469 | 45,661 | 182 | 75 | 28 | 114 | 140,615 | N |
|  | 2.6\% | 12.5\% | 14.2\% | 38.0\% | 32.5\% | 0.1\% | 0.1\% | 0.0\% | 0.1\% | 100.0\% | R\% |
|  | 3.1\% | 5.3\% | 5.1\% | 9.6\% | 14.2\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 4.2\% | C\% |
| 1,201-1,400............... | 4,225 | 20,344 | 12,396 | 77,862 | 146 | 93 | 48 | 24 | 73 | 115,211 | N |
|  | 3.7\% | 17.7\% | 10.8\% | 67.6\% | 0.1\% | 0.1\% | 0.0\% | 0.0\% | 0.1\% | 100.0\% | R\% |
|  | 3.6\% | 6.1\% | 3.2\% | 14.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 3.5\% | C\% |
| 1,401-1,600............... | 6,999 | 21,804 | 77,350 | 183 | 93 | 66 | 17 | 8 | 56 | 106,576 | N |
|  | 6.6\% | 20.5\% | 72.6\% | 0.2\% | 0.1\% | 0.1\% | 0.0\% | 0.0\% | 0.1\% | 100.0\% | R\% |
|  | 6.0\% | 6.6\% | 19.7\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 3.2\% | C\% |
| 1,601-1,800............... | 13,622 | 51,193 | 34,240 | 98 | 57 | 35 | 17 | 13 | 57 | 99,332 | N |
|  | 13.7\% | 51.5\% | 34.5\% | 0.1\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 0.1\% | 100.0\% | R\% |
|  | 11.7\% | 15.4\% | 8.7\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 3.0\% | C\% |
| 1,801-2,100............... | 58,560 | 69,123 | 120 | 91 | 24 | 50 | 27 | 17 | 97 | 128,109 | N |
|  | 45.7\% | 54.0\% | 0.1\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.1\% | 100.0\% | R\% |
|  | 50.4\% | 20.8\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 3.9\% | C\% |
| Total....................... | 116,112 | 331,620 | 393,120 | 556,336 | 320,679 | 410,645 | 368,373 | 247,245 | 578,021 | 3,322,151 | N |
|  | 3.5\% | 10.0\% | 11.8\% | 16.7\% | 9.7\% | 12.4\% | 11.1\% | 7.4\% | 17.4\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

TABLE 4-B
DISTRIBUTION OF PELL GRANT RECIPIENTS
by Student aid index and grant level
DEPENDENT RECIPIENTS - AWARD PERIOD 1989-90
GRANT LEVEL

| STUDENT AID INDEX | $\begin{gathered} \$ 1- \\ 299 \end{gathered}$ | $\begin{gathered} \$ 300- \\ 599 \end{gathered}$ | $\begin{gathered} \$ 600- \\ 899 \end{gathered}$ | $\begin{aligned} & \$ 900- \\ & 1,199 \end{aligned}$ | $\begin{gathered} \$ 1,200- \\ 1,499 \end{gathered}$ | $\begin{gathered} \$ 1,500- \\ 1,799 \end{gathered}$ | $\begin{gathered} \$ 1,800- \\ 2,099 \end{gathered}$ | $\begin{array}{r} \$ 2,100- \\ 2,299 \end{array}$ | 2,300 | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0..................... | 2,811 | 14,384 | 29,278 | 62,420 | 31,327 | 45,600 | 45,031 | 32,884 | 155,368 | 419,103 | N |
|  | 0.7\% | 3.4\% | 7.0\% | 14.9\% | 7.5\% | 10.9\% | 10.7\% | 7.8\% | 37.1\% | 100.0\% | R\% |
|  | 5.2\% | 10.0\% | 17.5\% | 30.3\% | 18.5\% | 26.0\% | 26.8\% | 26.9\% | 99.3\% | 30.7\% | C\% |
| 1-200................ | 673 | 3,965 | 8,085 | 18,322 | 11,277 | 14,229 | 20,067 | 89,176 | 450 | 166,244 | N |
|  | 0.4\% | 2.4\% | 4.9\% | 11.0\% | 6.8\% | 8.6\% | 12.1\% | 53.6\% | 0.3\% | 100.0\% | R\% |
|  | 1.3\% | 2.8\% | 4.8\% | 8.9\% | 6.6\% | 8.1\% | 11.9\% | 72.9\% | 0.3\% | 12.2\% | C\% |
| 201-400................. | 438 | 2,642 | 5,525 | 12,288 | 9,533 | 9,310 | 69,471 | 121 | 274 | 109,602 | N |
|  | 0.4\% | 2.4\% | 5.0\% | 11.2\% | 8.7\% | 8.5\% | 63.4\% | 0.1\% | 0.2\% | 100.0\% | R\% |
|  | 0.8\% | 1.8\% | 3.3\% | 6.0\% | 5.6\% | 5.3\% | 41.3\% | 0.1\% | 0.2\% | 8.0\% | C\% |
| 401-600................. | 438 | 2,855 | 8,312 | 7,892 | 8,175 | 40,610 | 33,295 | 56 | 170 | 101,803 | N |
|  | 0.4\% | 2.8\% | 8.2\% | 7.8\% | 8.0\% | 39.9\% | 32.7\% | 0.1\% | 0.2\% | 100.0\% | R\% |
|  | 0.8\% | 2.0\% | 5.0\% | 3.8\% | 4.8\% | 23.2\% | 19.8\% | 0.0\% | 0.1\% | 7.5\% | C\% |
| 601-800................ | 440 | 3,293 | 9,853 | 5,264 | 7,078 | 65,276 | 77 | 40 | 124 | 91,445 | N |
|  | 0.5\% | 3.6\% | 10.8\% | 5.8\% | 7.7\% | 71.4\% | 0.1\% | 0.0\% | 0.1\% | 100.0\% | R\% |
|  | 0.8\% | 2.3\% | 5.9\% | 2.6\% | 4.2\% | 37.2\% | 0.0\% | 0.0\% | 0.1\% | 6.7\% | C\% |
| 801-1,000................ | 414 | 3,479 | 9,643 | 6,090 | 69,334 | 104 | 94 | 47 | 43 | 89,248 | N |
|  | 0.5\% | 3.9\% | 10.8\% | 6.8\% | 77.7\% | 0.1\% | 0.1\% | 0.1\% | 0.0\% | 100.0\% | R\% |
|  | 0.8\% | 2.4\% | 5.8\% | 3.0\% | 40.9\% | 0.1\% | 0.1\% | 0.0\% | 0.0\% | 6.5\% | C\% |
| 1,001-1,200............... | 864 | 7,080 | 8,175 | 36,003 | 32,799 | 84 | 45 | 7 | 31 | 85,088 | N |
|  | 1.0\% | 8.3\% | 9.6\% | 42.3\% | 38.5\% | 0.1\% | 0.1\% | 0.0\% | 0.0\% | 100.0\% | R\% |
|  | 1.6\% | 4.9\% | 4.9\% | 17.5\% | 19.3\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 6.2\% | C\% |
| 1,201-1,400............... | 1,074 | 9,514 | 5,396 | 57,815 | 77 | 41 | 19 | 12 | 7 | 73,955 | N |
|  | 1.5\% | 12.9\% | 7.3\% | 78.2\% | 0.1\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 100.0\% | R\% |
|  | 2.0\% | 6.6\% | 3.2\% | 28.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 5.4\% | C\% |
| 1,401-1,600............... | 2,440 | 10,125 | 56,771 | 106 | 44 | 29 | 4 | 1 | 3 | 69,523 | N |
|  | 3.5\% | 14.6\% | 81.7\% | 0.2\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 100.0\% | R\% |
|  | 4.6\% | 7.0\% | 33.9\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 5.1\% | C\% |
| 1,601-1,800............... | 6,056 | 34,192 | 26,317 | 47 | 22 | 4 | 0 | 1 | 1 | 66,640 | N |
|  | 9.1\% | 51.3\% | 39.5\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 100.0\% | R\% |
|  | 11.3\% | 23.8\% | 15.7\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 4.9\% | C\% |
| 1,801-2,100............... | 37,930 | 52,355 | 63 | 36 | 5 | 1 | 0 | 0 | 1 | 90,391 | N |
|  | 42.0\% | 57.9\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 100.0\% | R\% |
|  | 70.8\% | 36.4\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 6.6\% | C\% |
| Total....................... | 53,578 | 143,884 | 167,418 | 206,283 | 169,671 | 175,288 | 168,103 | 122,345 | 156,472 | 1,363,042 | N |
|  | 3.9\% | 10.6\% | 12.3\% | 15.1\% | 12.4\% | 12.9\% | 12.3\% | 9.0\% | 11.5\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

TABLE 4-C
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY STUDENT AID INDEX AND GRANT LEVEL INDEPENDENT RECIPIENTS - AWARD PERIOD 1989-90

| STUDENT AID INDEX | GRANT LEVEL |  |  |  |  |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} \$ 1- \\ 299 \end{array}$ | $\begin{gathered} \$ 300- \\ 599 \end{gathered}$ | $\begin{gathered} \$ 600- \\ 899 \end{gathered}$ | $\begin{gathered} \$ 900- \\ 1,199 \end{gathered}$ | $\begin{gathered} \$ 1,200- \\ 1,499 \end{gathered}$ | $\begin{gathered} \$ 1,500- \\ 1,799 \end{gathered}$ | $\begin{gathered} \$ 1,800- \\ 2,099 \end{gathered}$ | $\begin{gathered} \$ 2,100- \\ 2,299 \end{gathered}$ | 2,300 |  |  |
| 0....................... | 17,549 | 78,401 | 114,916 | 237,869 | 67,134 | 154,784 | 124,359 | 80,495 | 419,555 | 1,295,062 | N |
|  | 1.4\% | 6.1\% | 8.9\% | 18.4\% | 5.2\% | 12.0\% | 9.6\% | 6.2\% | 32.4\% | 100.0\% | R\% |
|  | 28.1\% | 41.8\% | 50.9\% | 68.0\% | 44.5\% | 65.8\% | 62.1\% | 64.4\% | 99.5\% | 66.1\% | C\% |
| 1-200................. | 1,150 | 8,920 | 11,110 | 22,103 | 9,837 | 13,594 | 12,075 | 44,015 | 626 | 123,430 | N |
|  | 0.9\% | 7.2\% | 9.0\% | 17.9\% | 8.0\% | 11.0\% | 9.8\% | 35.7\% | 0.5\% | 100.0\% | R\% |
|  | 1.8\% | 4.8\% | 4.9\% | 6.3\% | 6.5\% | 5.8\% | 6.0\% | 35.2\% | 0.1\% | 6.3\% | C\% |
| 201-400................. | 1,154 | 8,610 | 9,921 | 19,755 | 12,781 | 10,525 | 44,246 | 178 | 460 | 107,630 | N |
|  | 1.1\% | 8.0\% | 9.2\% | 18.4\% | 11.9\% | 9.8\% | 41.1\% | 0.2\% | 0.4\% | 100.0\% | R\% |
|  | 1.8\% | 4.6\% | 4.4\% | 5.6\% | 8.5\% | 4.5\% | 22.1\% | 0.1\% | 0.1\% | 5.5\% | C\% |
| 401-600................ | 1,309 | 8,610 | 14,154 | 13,632 | 10,501 | 24,409 | 19,310 | 68 | 319 | 92,312 | N |
|  | 1.4\% | 9.3\% | 15.3\% | 14.8\% | 11.4\% | 26.4\% | 20.9\% | 0.1\% | 0.3\% | 100.0\% | R\% |
|  | 2.1\% | 4.6\% | 6.3\% | 3.9\% | 7.0\% | 10.4\% | 9.6\% | 0.1\% | 0.1\% | 4.7\% | C\% |
| 601-800............... | 1,353 | 8,368 | 14,933 | 8,972 | 7,277 | 31,650 | 93 | 31 | 144 | 72,821 | N |
|  | 1.9\% | 11.5\% | 20.5\% | 12.3\% | 10.0\% | 43.5\% | 0.1\% | 0.0\% | 0.2\% | 100.0\% | R\% |
|  | 2.2\% | 4.5\% | 6.6\% | 2.6\% | 4.8\% | 13.4\% | 0.0\% | 0.0\% | 0.0\% | 3.7\% | C\% |
| 801-1,000................ | 1,372 | 8,116 | 13,316 | 10,026 | 30,444 | 128 | 71 | 44 | 91 | 63,608 | N |
|  | 2.2\% | 12.8\% | 20.9\% | 15.8\% | 47.9\% | 0.2\% | 0.1\% | 0.1\% | 0.1\% | 100.0\% | R\% |
|  | 2.2\% | 4.3\% | 5.9\% | 2.9\% | 20.2\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 3.2\% | C\% |
| 1,001-1,200............... | 2,741 | 10,433 | 11,793 | 17,466 | 12,862 | 98 | 30 | 21 | 83 | 55,527 | N |
|  | 4.9\% | 18.8\% | 21.2\% | 31.5\% | 23.2\% | 0.2\% | 0.1\% | 0.0\% | 0.1\% | 100.0\% | R\% |
|  | 4.4\% | 5.6\% | 5.2\% | 5.0\% | 8.5\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 2.8\% | C\% |
| 1,201-1,400.............. | 3,151 | 10,830 | 7,000 | 20,047 | 69 | 52 | 29 | 12 | 66 | 41,256 | N |
|  | 7.6\% | 26.3\% | 17.0\% | 48.6\% | 0.2\% | 0.1\% | 0.1\% | 0.0\% | 0.2\% | 100.0\% | R\% |
|  | 5.0\% | 5.8\% | 3.1\% | 5.7\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 2.1\% | C\% |
| 1,401-1,600............... | 4,559 | 11,679 | 20,579 | 77 | 49 | 37 | 13 | 7 | 53 | 37,053 | N |
|  | 12.3\% | 31.5\% | 55.5\% | 0.2\% | 0.1\% | 0.1\% | 0.0\% | 0.0\% | 0.1\% | 100.0\% | R\% |
|  | 7.3\% | 6.2\% | 9.1\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 1.9\% | C\% |
| 1,601-1,800............... | 7,566 | 17,001 | 7,923 | 51 | 35 | 31 | 17 | 12 | 56 | 32,692 | N |
|  | 23.1\% | 52.0\% | 24.2\% | 0.2\% | 0.1\% | 0.1\% | 0.1\% | 0.0\% | 0.2\% | 100.0\% | R\% |
|  | 12.1\% | 9.1\% | 3.5\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 1.7\% | C\% |
| 1,801-2,100............... | 20,630 | 16,768 | 57 | 55 | 19 | 49 | 27 | 17 | 96 | 37,718 | N |
|  | 54.7\% | 44.5\% | 0.2\% | 0.1\% | 0.1\% | 0.1\% | 0.1\% | 0.0\% | 0.3\% | 100.0\% | R\% |
|  | 33.0\% | 8.9\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 1.9\% | C\% |
| Total........................ | 62,534 | 187,736 | 225,702 | 350,053 | 151,008 | 235,357 | 200,270 | 124,900 | 421,549 | 1,959,109 | N |
|  | 3.2\% | 9.6\% | 11.5\% | 17.9\% | 7.7\% | 12.0\% | 10.2\% | 6.4\% | 21.5\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

## Table 5

# Distribution of Pell Grant Recipients By Student Aid Index and Type of Institution 

Award Period 1989-90

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

Tables 5A, 5B, and 5C show the distribution of Pell Grant recipients by Student Aid Index (SAl) and type of institution attended for all recipients, dependents, and independents. Type of institution is identified by the length of the programs offered. Generally, 5 years indicates a university with graduate programs, 4 years indicates a college with only baccalaureate programs, 2 years denotes a community college, and less than 2 years denotes a trade school. However, some programs, mostly vocational/technical, may be either 2 years or less than 2 years.

Dependents More Likely to Attend 4 or 5 Year Schools. Overall, half ( 49.8 percent) of all 1989-90 Pell recipients attend schools with programs of 4 years or more. However, there are dramatic differences by dependency status as depicted in Figure 8.

- More than two thirds (67.0 percent) of dependents attend 4 or 5 year institutions compared to a little more than one third (37.7 percent) of independents.


Figure 8: Type of Institution Attended By Dependency Status

- Institutions offering 2 year programs attract 39.3 percent of independent recipients and 24.4 percent of dependent Pell recipients. Overall, one third ( 33.1 percent) of all recipients attend these schools.
- Less than 2 year schools attract a higher proportion of independent recipients than dependent recipients. While only one out of six recipients ( 16.6 percent) attends these schools, 22.5 percent of independents do compared to only 8.3 percent of dependents.

2 Year Enrollment Up, Less Than 2 Year Enrollment Down. Compared to previous years, the proportion of students enrolled in at least 4 year institutions has stabilized. In 1987-88 about 48 percent attended traditional schools, compared to about 50 percent in 1988-89 and in 1989-90. Enrollment in 2 year schools has increased from about 32 percent in both 198788 and 1988-89 to 33.1 percent this year. Enroliment in less than 2 year schools, many of them proprietary trade schools, has dropped from 19.9 percent in 1987-88 and 17.8 percent in 1988-89 to $\mathbf{1 6 . 6}$ percent this year.

Recipients with Higher SAls More Likely to Attend 4 Year Schools. Table 5 also shows
differences in type of institution attended by SAI. As SAI increases, recipients are increasingly likely to attend 4 year or more institutions. Recipients with zero SAls comprise only 42.2 percent of the recipient pool at 4 year or more schools, although they represent 51.6 percent of all recipients. They are 55.8 percent of enrollees at 2 year schools and 71.4 percent of enrollees at less than 2 year schools. Recipients with SAls of 1,801 to 2,100 constitute 5.4 percent of those enrolled at 4 or 5 year schools, 2.6 percent of those enrolled at 2 year schools, and 1.6 percent of those enrolled at less than 2 year schools.

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

ALL RECIPIENTS - AWARD YEAR 1989-90


| 0 | 482,994 | 214,136 | 7,476 | 614,394 | 228,525 | 166,640 | 0 | 1,714,165 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| R\% | 28.18 | 12.49 | 0.44 | 35.84 | 13.33 | 9.72 | 0.00 | 100.00 |
| C\% | 41.36 | 44.19 | 49.27 | 55.79 | 72.10 | 70.48 | 0.00 | 51.60 |
| 1-200 | 114,840 | 45,127 | 1,225 | 93,212 | 20,039 | 15,231 | 0 | 289,674 |
| R\% | 39.64 | 15.58 | 0.42 | 32.18 | 6.92 | 5.26 | 0.00 | 100.00 |
| C\% | 9.83 | 9.31 | 8.07 | 8.46 | 6.32 | 6.44 | 0.00 | 8.72 |
| 201-400 | 82,301 | 33,551 | 992 | 73,708 | 14,736 | 11,944 | 0 | 217,232 |
| R\% | 37.89 | 15.44 | 0.46 | 33.93 | 6.78 | 5.50 | 0.00 | 100.00 |
| C\% | 7.05 | 6.92 | 6.54 | 6.69 | 4.65 | 5.05 | 0.00 | 6.54 |
| 401-600 | 76,394 | 31,313 | 940 | 64,360 | 11,723 | 9,385 | 0 | 194,115 |
| R\% | 39.36 | 16.13 | 0.48 | 33.16 | 6.04 | 4.83 | 0.00 | 100.00 |
| C\% | 6.54 | 6.46 | 6.20 | 5.84 | 3.70 | 3.97 | 0.00 | 5.84 |
| 601-800 | 67,844 | 27,131 | 779 | 52,261 | 9,048 | 7,203 | 0 | 164,266 |
| R\% | 41.30 | 16.52 | 0.47 | 31.81 | 5.51 | 4.38 | 0.00 | 100.00 |
| C\% | 5.81 | 5.60 | 5.13 | 4.75 | 2.85 | 3.05 | 0.00 | 4.94 |
| 801-1,000 | 65,664 | 25,899 | 732 | 46,523 | 7,820 | 6,218 | 0 | 152,856 |
| R\% | 42.96 | 16.94 | 0.48 | 30.44 | 5.12 | 4.07 | 0.00 | 100.00 |
| C\% | 5.62 | 5.34 | 4.82 | 4.22 | 2.47 | 2.63 | 0.00 | 4.60 |
| 1,001 - 1,200 | 61,770 | 24,430 | 701 | 41,560 | 6,793 | 5,361 | 0 | 140,615 |
| R\% | 43.93 | 17.37 | 0.50 | 29.56 | 4.83 | 3.81 | 0.00 | 100.00 |
| C\% | 5.29 | 5.04 | 4.62 | 3.77 | 2.14 | 2.27 | 0.00 | 4.23 |
| 1,201 - 1,400 | 53,592 | 20,457 | 635 | 31,651 | 4,909 | 3,967 | 0 | 115,211 |
| R\% | 46.52 | 17.76 | 0.55 | 27.47 | 4.26 | 3.44 | 0.00 | 100.00 |
| C\% | 4.59 | 4.22 | 4.19 | 2.87 | 1.55 | 1.68 | 0.00 | 3.47 |
| 1,401-1,600 | 49,971 | 19,253 | 566 | 28,912 | 4,430 | 3,444 | 0 | 106,576 |
| R\% | 46.89 | 18.07 | 0.53 | 27.13 | 4.16 | 3.23 | 0.00 | 100.00 |
| C\% | 4.28 | 3.97 | 3.73 | 2.63 | 1.40 | 1.46 | 0.00 | 3.21 |
| 1,601 - 1,800 | 47,770 | 18,345 | 491 | 25,519 | 4,023 | 3,184 | 0 | 99,332 |
| R\% | 48.09 | 18.47 | 0.49 | 25.69 | 4.05 | 3.21 | 0.00 | 100.00 |
| C\% | 4.09 | 3.79 | 3.24 | 2.32 | 1.27 | 1.35 | 0.00 | 2.99 |
| 1,801 - 2,100 | 64,615 | 24,958 | 636 | 29,121 | 4,916 | 3,863 | 0 | 128,109 |
| R\% | 50.44 | 19.48 | 0.50 | 22.73 | 3.84 | 3.02 | 0.00 | 100.00 |
| C\% | 5.53 | 5.15 | 4.19 | 2.64 | 1.55 | 1.63 | 0.00 | 3.86 |
| TOTAL | 1,167,755 | 484,600 | 15,173 | 1,101,221 | 316,962 | 236,440 | 0 | 3,322,151 |
| R\% | 35.15 | 14.59 | 0.46 | 33.15 | 9.54 | 7.12 | 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 1989-90

|  | TYPE OF INSTITUTION |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STUDENT AID INDEX | 5 YEARS OR MORE | 4 YEAR NO GRADUATE | 3 YEARS BUT LESS THAN FOUR YEARS | 2 YEARS BUT LESS THAN THREE YEARS | 1 YEAR BUT LESS THAN TWO YEARS | 6 MONTHS BUT LESS THAN ONE | OTHER |


| 0 | 159,870 | 71,383 | 1,250 | 121,093 | 43,274 | 22,233 | 0 | 419,103 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| R\% | 38.15 | 17.03 | 0.30 | 28.89 | 10.33 | 5.30 | 0.00 | 100.00 |
| C\% | 24.36 | 27.74 | 26.81 | 36.44 | 61.20 | 53.15 | 0.00 | 30.75 |
| 1-200 | 84,136 | 30,976 | 565 | 40,476 | 6,119 | 3,972 | 0 | 166,244 |
| R\% | 50.61 | 18.63 | 0.34 | 24.35 | 3.68 | 2.39 | 0.00 | 100.00 |
| C\% | 12.82 | 12.04 | 12.12 | 12.18 | 8.65 | 9.49 | 0.00 | 12.20 |
| 201-400 | 54,413 | 20,497 | 339 | 27,230 | 4,156 | 2,967 | 0 | 109,602 |
| R\% | 49.65 | 18.70 | 0.31 | 24.84 | 3.79 | 2.71 | 0.00 | 100.00 |
| C\% | 8.29 | 7.97 | 7.27 | 8.20 | 5.88 | 7.09 | 0.00 | 8.04 |
| 401-600 | 51,617 | 19,657 | 382 | 24,519 | 3,204 | 2,424 | 0 | 101,803 |
| R\% | 50.70 | 19.31 | 0.38 | 24.08 | 3.15 | 2.38 | 0.00 | 100.00 |
| C\% | 7.87 | 7.64 | 8.19 | 7.38 | 4.53 | 5.79 | 0.00 | 7.47 |
| 601-800 | 47,128 | 17,804 | 300 | 21,448 | 2,757 | 2,008 | 0 | 91,445 |
| R\% | 51.54 | 19.47 | 0.33 | 23.45 | 3.01 | 2.20 | 0.00 | 100.00 |
| C\% | 7.18 | 6.92 | 6.43 | 6.46 | 3.90 | 4.80 | 0.00 | 6.71 |
| 801-1,000 | 46,777 | 17,692 | 318 | 20,186 | 2,438 | 1,837 | 0 | 89,248 |
| R\% | 52.41 | 19.82 | 0.36 | 22.62 | 2.73 | 2.06 | 0.00 | 100.00 |
| C\% | 7.13 | 6.88 | 6.82 | 6.08 | 3.45 | 4.39 | 0.00 | 6.55 |
| 1,001 - 1,200 | 45,015 | 17,079 | 326 | 18,808 | 2,209 | 1,651 | 0 | 85,088 |
| R\% | 52.90 | 20.07 | 0.38 | 22.10 | 2.60 | 1.94 | 0.00 | 100.00 |
| C\% | 6.86 | 6.64 | 6.99 | 5.66 | 3.12 | 3.95 | 0.00 | 6.24 |
| 1,201 - 1,400 | 40,442 | 14,854 | 291 | 15,453 | 1,701 | 1,214 | 0 | 73,955 |
| R\% | 54.68 | 20.09 | 0.39 | 20.90 | 2.30 | 1.64 | 0.00 | 100.00 |
| C\% | 6.16 | 5.77 | 6.24 | 4.65 | 2.41 | 2.90 | 0.00 | 5.43 |
| 1,401 - 1,600 | 38,046 | 14,085 | 273 | 14,457 | 1,552 | 1,110 | 0 | 69,523 |
| R\% | 54.72 | 20.26 | 0.39 | 20.79 | 2.23 | 1.60 | 0.00 | 100.00 |
| C\% | 5.80 | 5.47 | 5.85 | 4.35 | 2.19 | 2.65 | 0.00 | 5.10 |
| 1,601 - 1,800 | 37,227 | 13,757 | 255 | 12,871 | 1,459 | 1,071 | 0 | 66,640 |
| R\% | 55.86 | 20.64 | 0.38 | 19.31 | 2.19 | 1.61 | 0.00 | 100.00 |
| C\% | 5.67 | 5.35 | 5.47 | 3.87 | 2.06 | 2.56 | 0.00 | 4.89 |
| 1,801 - 2,100 | 51,562 | 19,552 | 364 | 15,725 | 1,842 | 1,346 | 0 | 90,391 |
| R\% | 57.04 | 21.63 | 0.40 | 17.40 | 2.04 | 1.49 | 0.00 | 100.00 |
| C\% | 7.86 | 7.60 | 7.81 | 4.73 | 2.60 | 3.22 | 0.00 | 6.63 |
| TOTAL | 656,233 | 257,336 | 4,663 | 332,266 | 70,711 | 41,833 | 0 | 1,363,042 |
| R\% | 48.14 | 18.88 | 0.34 | 24.38 | 5.19 | 3.07 | 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 1989-90

|  | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STUDENT AID INDEX | 5 YEARS OR MORE | 4 YEAR NO GRADUATE | 3 YEARS BUT <br> LESS THAN <br> FOUR YEARS | $\begin{array}{r} 2 \text { YEARS BUT } \\ \text { LESS THAN } \\ \text { THREE YEARS } \end{array}$ | 1 YEAR BUT LESS THAN TWO YEARS | 6 MONTHS BUT LESS THAN ONE YEAR | OTHER | TOTAL |
| 0 | 323,124 | 142,753 | 6,226 | 493,301 | 185,251 | 144,407 | 0 | 1,295,062 |
| R\% | 24.95 | 11.02 | 0.48 | 38.09 | 14.30 | 11.15 | 0.00 | 100.00 |
| C\% | 63.17 | 62.81 | 59.24 | 64.15 | 75.23 | 74.20 | 0.00 | 66.10 |
| 1-200 | 30,704 | 14,151 | 660 | 52,736 | 13,920 | 11,259 | 0 | 123,430 |
| R\% | 24.88 | 11.46 | 0.53 | 42.73 | 11.28 | 9.12 | 0.00 | 100.00 |
| C\% | 6.00 | 6.23 | 6.28 | 6.86 | 5.65 | 5.79 | 0.00 | 6.30 |
| 201-400 | 27,888 | 13,054 | 653 | 46,478 | 10,580 | 8,977 | 0 | 107,630 |
| R\% | 25.91 | 12.13 | 0.61 | 43.18 | 9.83 | 8.34 | 0.00 | 100.00 |
| C\% | 5.45 | 5.74 | 6.21 | 6.04 | 4.30 | 4.61 | 0.00 | 5.49 |
| 401-600 | 24,777 | 11,656 | 558 | 39,841 | 8,519 | 6,961 | 0 | 92,312 |
| R\% | 26.84 | 12.63 | 0.60 | 43.16 | 9.23 | 7.54 | 0.00 | 100.00 |
| C\% | 4.84 | 5.13 | 5.31 | 5.18 | 3.46 | 3.58 | 0.00 | 4.71 |
| 601-800 | 20,716 | 9,327 | 479 | 30,813 | 6,291 | 5,195 | 0 | 72,821 |
| R\% | 28.45 | 12.81 | 0.66 | 42.31 | 8.64 | 7.13 | 0.00 | 100.00 |
| C\% | 4.05 | 4.10 | 4.56 | 4.01 | 2.55 | 2.67 | 0.00 | 3.72 |
| 801-1,000 | 18,887 | 8,207 | 414 | 26,337 | 5,382 | 4,381 | 0 | 63,608 |
| R\% | 29.69 | 12.90 | 0.65 | 41.41 | 8.46 | 6.89 | 0.00 | 100.00 |
| C\% | 3.69 | 3.61 | 3.94 | 3.43 | 2.19 | 2.25 | 0.00 | 3.25 |
| 1,001 - 1,200 | 16,755 | 7,351 | 375 | 22,752 | 4,584 | 3,710 | 0 | 55,527 |
| R\% | 30.17 | 13.24 | 0.68 | 40.97 | 8.26 | 6.68 | 0.00 | 100.00 |
| C\% | 3.28 | 3.23 | 3.57 | 2.96 | 1.86 | 1.91 | 0.00 | 2.83 |
| 1,201 - 1,400 | 13,150 | 5,603 | 344 | 16,198 | 3,208 | 2,753 | 0 | 41,256 |
| R\% | 31.87 | 13.58 | 0.83 | 39.26 | 7.78 | 6.67 | 0.00 | 100.00 |
| C\% | 2.57 | 2.47 | 3.27 | 2.11 | 1.30 | 1.41 | 0.00 | 2.11 |
| 1,401 - 1,600 | 11,925 | 5,168 | 293 | 14,455 | 2,878 | 2,334 | 0 | 37,053 |
| R\% | 32.18 | 13.95 | 0.79 | 39.01 | 7.77 | 6.30 | 0.00 | 100.00 |
| C\% | 2.33 | 2.27 | 2.79 | 1.88 | 1.17 | 1.20 | 0.00 | 1.89 |
| 1,601 - 1,800 | 10,543 | 4,588 | 236 | 12,648 | 2,564 | 2,113 | 0 | 32,692 |
| R\% | 32.25 | 14.03 | 0.72 | 38.69 | 7.84 | 6.46 | 0.00 | 100.00 |
| C\% | 2.06 | 2.02 | 2.25 | 1.64 | 1.04 | 1.09 | 0.00 | 1.67 |
| 1,801 - 2,100 | 13,053 | 5,406 | 272 | 13,396 | 3,074 | 2,517 | 0 | 37,718 |
| R\% | 34.61 | 14.33 | 0.72 | 35.52 | 8.15 | 6.67 | 0.00 | 100.00 |
| C\% | 2.55 | 2.38 | 2.59 | 1.74 | 1.25 | 1.29 | 0.00 | 1.93 |
| TOTAL | 511,522 | 227,264 | 10,510 | 768,955 | 246,251 | 194,607 | 0 | 1,959,109 |
| R\% | 26.11 | 11.60 | 0.54 | 39.25 | 12.57 | 9.93 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |

## Table 6

# Distribution of Pell Grant Recipients By Family Income and Type of Institution 

Award Period 1989-90

Table 6A - Total
Table 6B - Dependent
Table 6C - Independent

Tables 6A, 6B, and 6C depict the distribution of recipients by family income and type of institution for all recipients and by dependency status. These tables support the conclusions on differences in recipients across institutions by SAl, as discussed for Table 5, because family income and SAI tend to be closely related.

Higher Income Recipients More Likely to Attend 4 or 5 Year Schools. As income increases, recipients are increasingly likely to attend 4 or 5 year institutions and less likely to attend 2 year schools or less than 2 year schools. This pattern is portrayed in Figure 9.

- Recipients with family income up to $\$ 6,000$ comprise 35.8 percent of the total. However, only 30.0 percent of those enrolled in 4 or 5 year institutions are in this low income group. In contrast, 37.0 percent of those enrolled in 2 year schools are in this group, as are more than half ( 50.8 percent) of those enrolled in less than 2 year schools.
- Differences in type of institution attended by family income remain strong in families with incomes up to $\$ 9,000$. While this group is just over half ( 51.7 percent) of all recipients it constitutes only 44.2 percent of 4 or 5 year institution enrollees, but 54.4 percent of 2 year enrollees and more than two thirds ( 68.9 percent) of less than 2 year enrollees.


Figure 9: Type of Institution Attended by Family Income

- The opposite pattern is found for recipients from families with incomes over $\$ 20,000$, who attend programs of longer length in
disproportionate numbers. While they are 20.2 percent of the recipient population, they make up more than one quarter ( 26.8 percent) of 4 or 5 year enrollees, 16.2 percent of 2 year enrollees, and only 8.3 percent of less than 2 year enrollees.

Dependents Account for Most Differences in Enrollment Patterns by Family Income. For independents, only minor differences occur in type of school attended by family income levels, while these differences are more pronounced for dependents.

- Seventy percent of independents at 4 or 5 year schools earn $\$ 9,000$ or less; 64.7 percent of independents at 2 year schools and 74.1 percent of independents at less than 2 year institutions are in this income bracket. Similar findings exist at other income brackets.
- Twice as many dependents at less than 2 year schools are from families earning $\$ 9,000$ or less ( 48.3 percent), as are dependents enrolled at 4 or 5 year schoois (23.2 percent). At 2 year schools, 30.8 percent of dependents are from families earning $\$ 9,000$ or less. Just over one quarter ( 27.2 percent) of dependents are in this low income group.
- More dependents enrolled at 4 or 5 year schools are from higher income families earning $\$ 20,000$ or more ( 40.9 percent) than are dependents at 2 year schools $\mathbf{1 3 0 . 1}$ percent) or less than 2 year schools 117.7 percent); 36.4 percent of dependents are in this higher income group.

DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND TYPE OF INSTITUTION ALL RECIPIENTS - AWARD YEAR 1989-90

TYPE OF INSTITUTION

|  | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FAMILY INCOME | 5 YEARS OR MORE | 4 YEAR NO GRADUATE | 3 YEARS BUT < 4 YEARS | 2 YEARS BUT < 3 YEARS | 1 YEAR BUT < 2 YEARS | 6 MONTHS BUT < 1 YEAR | OTHER | TOTAL |
| LESS THAN \$1,001 | 70,050 | 31,364 | 786 | 79,645 | 22,115 | 15,053 | 0 | 219,013 |
| R\% | 31.98 | 14.32 | 0.36 | 36.37 | 10.10 | 6.87 | 0.00 | 100.00 |
| C\% | 6.00 | 6.47 | 5.18 | 7.23 | 6.98 | 6.37 | 0.00 | 6.59 |
| \$1,001 - 3,000 | 90,606 | 36,693 | 1,207 | 100,206 | 49,923 | 32,623 | 0 | 311,258 |
| R\% | 29.11 | 11.79 | 0.39 | 32.19 | 16.04 | 10.48 | 0.00 | 100.00 |
| C\% | 7.76 | 7.57 | 7.95 | 9.10 | 15.75 | 13.80 | 0.00 | 9.37 |
| \$3,001 - 6,000 | 189,096 | 78,122 | 3,312 | 227,503 | 90,427 | 70,979 | 0 | 659,439 |
| R\% | 28.68 | 11.85 | 0.50 | 34.50 | 13.71 | 10.76 | 0.00 | 100.00 |
| C\% | 16.19 | 16.12 | 21.83 | 20.66 | 28.53 | 30.02 | 0.00 | 19.85 |
| \$6,001-9,000 | 166,193 | 68,001 | 2,618 | 192,131 | 56,309 | 43,657 | 0 | 528,909 |
| R\% | 31.42 | 12.86 | 0.49 | 36.33 | 10.65 | 8.25 | 0.00 | 100.00 |
| C\% | 14.23 | 14.03 | 17.25 | 17.45 | 17.77 | 18.46 | 0.00 | 15.92 |
| \$9,001-15,000 | 197,513 | 82,819 | 2,612 | 205,530 | 50,081 | 37,732 | 0 | 576,287 |
| R\% | 34.27 | 14.37 | 0.45 | 35.66 | 8.69 | 6.55 | 0.00 | 100.00 |
| C\% | 16.91 | 17.09 | 17.21 | 18.66 | 15.80 | 15.96 | 0.00 | 17.35 |
| \$15,001 - 20,000 | 140,173 | 58,637 | 1,685 | 118,168 | 21,878 | 16,688 | 0 | 357,229 |
| R\% | 39.24 | 16.41 | 0.47 | 33.08 | 6.12 | 4.67 | 0.00 | 100.00 |
| C\% | 12.00 | 12.10 | 11.11 | 10.73 | 6.90 | 7.06 | 0.00 | 10.75 |
| \$20,001 - 30,000 | 208,252 | 86,906 | 2,247 | 138,575 | 22,242 | 16,702 | 0 | 474,924 |
| R\% | 43.85 | 18.30 | 0.47 | 29.18 | 4.68 | 3.52 | 0.00 | 100.00 |
| C\% | 17.83 | 17.93 | 14.81 | 12.58 | 7.02 | 7.06 | 0.00 | 14.30 |
| \$30,001 - 40,000 | 78,503 | 31,663 | 578 | 32,971 | 3,519 | 2,669 | 0 | 149,903 |
| R\% | 52.37 | 21.12 | 0.39 | 21.99 | 2.35 | 1.78 | 0.00 | 100.00 |
| C\% | 6.72 | 6.53 | 3.81 | 2.99 | 1.11 | 1.13 | 0.00 | 4.51 |
| \$40,001 + | 27,369 | 10,395 | 128 | 6,492 | 468 | 337 | 0 | 45,189 |
| R\% | 60.57 | 23.00 | 0.28 | 14.37 | 1.04 | 0.75 | 0.00 | 100.00 |
| C\% | 2.34 | 2.15 | 0.84 | 0.59 | 0.15 | 0.14 | 0.00 | 1.36 |
| TOTAL | 1,167,755 | 484,600 | 15,173 | 1,101,221 | 316,962 | 236,440 | 0 | 3,322,151 |
| R\% | 35.15 | 14.59 | 0.46 | 33.15 | 9.54 | 7.12 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |

## DISTRIBUTION OF PELL GRANT RECIPIENTS <br> BY FAMILY INCOME AND TYPE OF INSTITUTION DEPENDENT RECIPIENTS - AWARD YEAR 1989-90

TYPE OF INSTITUTION

| FAMILY INCOME | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5 YEARS OR MORE | 4 YEAR NO GRADUATE | 3 YEARS BUT < 4 YEARS | 2 YEARS BUT < 3 YEARS | 1 YEAR BUT < 2 YEARS | 6 MONTHS BUT < 1 YEAR | OTHER | TOTAL |
| LESS THAN \$1,001 | 17,382 | 5,769 | 106 | 8,982 | 1,588 | 821 | 0 | 34,648 |
| R\% | 50.17 | 16.65 | 0.31 | 25.92 | 4.58 | 2.37 | 0.00 | 100.00 |
| C\% | 2.65 | 2.24 | 2.27 | 2.70 | 2.25 | 1.96 | 0.00 | 2.54 |
| \$1,001 - 3,000 | 20,213 | 8,431 | 150 | 14,380 | 7,065 | 2,658 | 0 | 52,897 |
| R\% | 38.21 | 15.94 | 0.28 | 27.18 | 13.36 | 5.02 | 0.00 | 100.00 |
| C\% | 3.08 | 3.28 | 3.22 | 4.33 | 9.99 | 6.35 | 0.00 | 3.88 |
| \$3,001 - 6,000 | 51,554 | 23,326 | 487 | 38,141 | 15,210 | 7,914 | 0 | 136,632 |
| R\% | 37.73 | 17.07 | 0.36 | 27.92 | 11.13 | 5.79 | 0.00 | 100.00 |
| C\% | 7.86 | 9.06 | 10.44 | 11.48 | 21.51 | 18.92 | 0.00 | 10.02 |
| \$6,001-9,000 | 60,459 | 25,382 | 459 | 40,806 | 12,195 | 6,884 | 0 | 146,185 |
| R\% | 41.36 | 17.36 | 0.31 | 27.91 | 8.34 | 4.71 | 0.00 | 100.00 |
| C\% | 9.21 | 9.86 | 9.84 | 12.28 | 17.25 | 16.46 | 0.00 | 10.72 |
| \$9,001 - 15,000 | 127,255 | 49,097 | 927 | 75,100 | 15,089 | 9,492 | 0 | 276,960 |
| R\% | 45.95 | 17.73 | 0.33 | 27.12 | 5.45 | 3.43 | 0.00 | 100.00 |
| C\% | 19.39 | 19.08 | 19.88 | 22.60 | 21.34 | 22.69 | 0.00 | 20.32 |
| \$15,001 - 20,000 | 109,165 | 41,487 | 828 | 54,856 | 8,040 | 5,706 | 0 | 220,082 |
| R\% | 49.60 | 18.85 | 0.38 | 24.93 | 3.65 | 2.59 | 0.00 | 100.00 |
| C\% | 16.64 | 16.12 | 17.76 | 16.51 | 11.37 | 13.64 | 0.00 | 16.15 |
| \$20,001 - 30,000 | 172,007 | 66,645 | 1,201 | 72,495 | 9,185 | 6,675 | 0 | 328,208 |
| R\% | 52.41 | 20.31 | 0.37 | 22.09 | 2.80 | 2.03 | 0.00 | 100.00 |
| C\% | 26.21 | 25.90 | 25.76 | 21.82 | 12.99 | 15.96 | 0.00 | 24.08 |
| \$30,001 - 40,000 | 71,767 | 27,492 | 397 | 22,171 | 1,978 | 1,414 | 0 | 125,219 |
| R\% | 57.31 | 21.96 | 0.32 | 17.71 | 1.58 | 1.13 | 0.00 | 100.00 |
| C\% | 10.94 | 10.68 | 8.51 | 6.67 | 2.80 | 3.38 | 0.00 | 9.19 |
| \$40,001 + | 26,431 | 9,707 | 108 | 5,335 | 361 | 269 | 0 | 42,211 |
| R\% | 62.62 | 23.00 | 0.26 | 12.64 | 0.86 | 0.64 | 0.00 | 100.00 |
| C\% | 4.03 | 3.77 | 2.32 | 1.61 | 0.51 | 0.64 | 0.00 | 3.10 |
| TOTAL | 656,233 | 257,336 | 4,663 | 332,266 | 70,711 | 41,833 | 0 | 1,363,042 |
| R\% | 48.14 | 18.88 | 0.34 | 24.38 | 5.19 | 3.07 | 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 <br> BY FAMILY INCOME AND TYPE OF INSTITUTION INDEPENDENT RECIPIENTS - AWARD YEAR 1989-90

TYPE OF INSTITUTION

| FAMILY INCOME | TYPE OF INSTITUTION |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5 YEARS OR MORE | 4 YEAR NO GRADUATE | 3 YEARS BUT < 4 YEARS | 2 YEARS BUT < 3 YEARS | 1 YEAR BUT < 2 YEARS | 6 MONTHS BUT < 1 YEAR | OTHER | TOTAL |
| LESS THAN \$1,001 | 52,668 | 25,595 | 680 | 70,663 | 20,527 | 14,232 | 0 | 184,365 |
| R\% | 28.57 | 13.88 | 0.37 | 38.33 | 11.13 | 7.72 | 0.00 | 100.00 |
| C\% | 10.30 | 11.26 | 6.47 | 9.19 | 8.34 | 7.31 | 0.00 | 9.41 |
| \$1,001 - 3,000 | 70,393 | 28,262 | 1,057 | 85,826 | 42,858 | 29,965 | 0 | 258,361 |
| R\% | 27.25 | 10.94 | 0.41 | 33.22 | 16.59 | 11.60 | 0.00 | 100.00 |
| C\% | 13.76 | 12.44 | 10.06 | 11.16 | 17.40 | 15.40 | 0.00 | 13.19 |
| \$3,001 - 6,000 | 137,542 | 54,796 | 2,825 | 189,362 | 75,217 | 63,065 | 0 | 522,807 |
| R\% | 26.31 | 10.48 | 0.54 | 36.22 | 14.39 | 12.06 | 0.00 | 100.00 |
| C\% | 26.89 | 24.11 | 26.88 | 24.63 | 30.54 | 32.41 | 0.00 | 26.69 |
| \$6,001-9,000 | 105,734 | 42,619 | 2,159 | 151,325 | 44,114 | 36,773 | 0 | 382,724 |
| R\% | 27.63 | 11.14 | 0.56 | 39.54 | 11.53 | 9.61 | 0.00 | 100.00 |
| C\% | 20.67 | 18.75 | 20.54 | 19.68 | 17.91 | 18.90 | 0.00 | 19.54 |
| \$9,001 - 15,000 | 70,258 | 33,722 | 1,685 | 130,430 | 34,992 | 28,240 | 0 | 299,327 |
| R\% | 23.47 | 11.27 | 0.56 | 43.57 | 11.69 | 9.43 | 0.00 | 100.00 |
| C\% | 13.74 | 14.84 | 16.03 | 16.96 | 14.21 | 14.51 | 0.00 | 15.28 |
| \$15,001 - 20,000 | 31,008 | 17,150 | 857 | 63,312 | 13,838 | 10,982 | 0 | 137,147 |
| $\mathrm{R} \%$ | 22.61 | 12.50 | 0.62 | 46.16 | 10.09 | 8.01 | 0.00 | 100.00 |
| C\% | 6.06 | 7.55 | 8.15 | 8.23 | 5.62 | 5.64 | 0.00 | 7.00 |
| \$20,001 - 30,000 | 36,245 | 20,261 | 1,046 | 66,080 | 13,057 | 10,027 | 0 | 146,716 |
| R\% | 24.70 | 13.81 | 0.71 | 45.04 | 8.90 | 6.83 | 0.00 | 100.00 |
| C\% | 7.09 | 8.92 | 9.95 | 8.59 | 5.30 | 5.15 | 0.00 | 7.49 |
| \$30,001 - 40,000 | 6,736 | 4,171 | 181 | 10,800 | 1,541 | 1,255 | 0 | 24,684 |
| R\% | 27.29 | 16.90 | 0.73 | 43.75 | 6.24 | 5.08 | 0.00 | 100.00 |
| C\% | 1.32 | 1.84 | 1.72 | 1.40 | 0.63 | 0.64 | 0.00 | 1.26 |
| \$40,001 + | 938 | 688 | 20 | 1,157 | 107 | 68 | 0 | 2,978 |
| R\% | 31.50 | 23.10 | 0.67 | 38.85 | 3.59 | 2.28 | 0.00 | 100.00 |
| C\% | 0.18 | 0.30 | 0.19 | 0.15 | 0.04 | 0.03 | 0.00 | 0.15 |
| TOTAL | 511,522 | 227,264 | 10,510 | 768,955 | 246,251 | 194,607 | 0 | 1,959,109 |
| R\% | 26.11 | 11.60 | 0.54 | 39.25 | 12.57 | 9.93 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |

## Table 7

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

Award Period 1989-90

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 breakdown for dependents and independents respectively.

Student educational costs considered for Pell Grant award purposes include tuition and fees, and, within established limits, the cost of room, board, books, supplies, transportation, and miscellaneous expenses. The dollar limits exclusive of tuition and fees are $\$ 1,700$ for students without dependents living at home with their parents and $\$ 2,300$ for all other students enrolled at least half time. Also permitted are certain additional allowances such as provisions for child care (up to $\$ 1,000$ ) and costs of special services or equipment required by handicapped students for attendance but not provided by other assisting agencies. Because of this cost of attendance structure, as Table 7A indicates, few recipients $(1$ percent) have costs below $\$ 1,800$. The recipients in this very low cost group are most likely students who are incarcerated or taking
correspondence courses, where the costs are lower.

Majority of Costs in Higher Ranges. Table 7A shows that a majority of students have costs in the higher ranges established for Pell Grant awarding purposes. For example, over three quarters of all recipients ( 77.0 percent) attend schools where costs are greater than $\$ 3,300$, with 61.6 percent attending schools with costs above the maximum cost for Pell purposes of $\$ 3,800$. Relatively few (less than $5 \%$ ) have costs of $\$ 2,400$ or less.

Tables 7B and 7C indicate there is relatively little difference in the educationial costs of dependents and independents. For example, 73.1 percent of dependents and 79.7 percent of independents have costs greater than $\$ 3,300$. Costs for dependents average $\$ 5,122$ in 1989-90; costs for independents average \$4,851 (not shown in table).

Figure 10 depicts the distribution of educational costs overall and by dependency status. It clearly shows that the large majority of
recipients have educational costs of $\$ 3,300$ or more.

Cost Up Since Last Year. A comparison with 1988-89 data indicates an increase in costs for Pell Grant recipients. Average costs overall increased by 5.3 percent between the two years, from $\$ 4,712$ to $\$ 4,962$. As a result, recipients in the high cost ranges represent a


Figure 10: Distribution of Educational Costs by Dependency Status
greater percentage of the total in 1989-90. For example, recipients with costs greater than \$3,300 comprised 74.0 percent of all recipients in 1988-89 and comprise 77.0 percent of all recipients in 1989-90.

Table 7A also shows no clear relationship between cost and SAI level. For example, the proportion of recipients attending higher cost schools does not vary greatly by SAI level. About 77.2 percent of the zero SAI recipients attend institutions with educational costs over $\$ 3.300$, as do 76.0 percent of the recipients with indexes between 1 and 1,400, and 79.5 percent of recipients with SAls over 1,400 . Neither does the percentage of recipients attending lower cost schools vary greatly by SAI. Just over 5.3 percent of the zero SAI recipients are enrolled in schools with costs of $\$ 2,400$ or less as compared to 4.6 percent of the recipients with indexes between 1 and 1,400 and 2.9 percent of recipients with SAls over 1,400.

Table 7-A
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY STUDENT AID INDEX AND EDUCATIONAL COST
ALL RECIPIENTS - AWARD YEAR 1989-90

EDUCATIONAL COST

| STUDENT AID INDEX | EDUCATIONAL COST |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | UNDER \$400 | $\begin{gathered} \$ 400- \\ 1,500 \end{gathered}$ | $\begin{gathered} \$ 1,501- \\ \text { 1,800 } \end{gathered}$ | $\begin{gathered} \text { \$1,801 - } \\ \text { 2,100 } \end{gathered}$ | $\begin{gathered} \$ 2,101 \\ 2,400 \end{gathered}$ | $\begin{gathered} \$ 2,401- \\ 2,700 \end{gathered}$ | $\begin{gathered} \$ 2,701- \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001- \\ 3,300 \end{gathered}$ | $\begin{gathered} \$ 3,301- \\ 3,800 \end{gathered}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,800 \end{aligned}$ | TOTAL |
| 0 | 281 | 8,038 | 14,771 | 10,990 | 56,945 | 63,521 | 86,623 | 149,138 | 258,817 | 1,065,041 | 1,714,165 |
| R\% | 0.02 | 0.47 | 0.86 | 0.64 | 3.32 | 3.71 | 5.05 | 8.70 | 15.10 | 62.13 | 100.00 |
| C\% | 64.16 | 97.07 | 66.16 | 51.43 | 53.51 | 49.01 | 50.12 | 49.06 | 50.68 | 52.05 | 51.60 |
| 1-200 | 24 | 96 | 2,223 | 2,295 | 10,064 | 12,219 | 16,130 | 27,781 | 45,251 | 173,591 | 289,674 |
| R\% | 0.01 | 0.03 | 0.77 | 0.79 | 3.47 | 4.22 | 5.57 | 9.59 | 15.62 | 59.93 | 100.00 |
| C\% | 5.48 | 1.16 | 9.96 | 10.74 | 9.46 | 9.43 | 9.33 | 9.14 | 8.86 | 8.48 | 8.72 |
| 201-400 | 24 | 49 | 1,444 | 1,655 | 7,504 | 8,976 | 12,640 | 20,789 | 35,120 | 129,031 | 217,232 |
| R\% | 0.01 | 0.02 | 0.66 | 0.76 | 3.45 | 4.13 | 5.82 | 9.57 | 16.17 | 59.40 | 100.00 |
| C\% | 5.48 | 0.59 | 6.47 | 7.74 | 7.05 | 6.93 | 7.31 | 6.84 | 6.88 | 6.31 | 6.54 |
| 401-600 | 22 | 37 | 1,091 | 1,380 | 6,385 | 8,056 | 11,260 | 19,313 | 31,366 | 115,205 | 194,115 |
| R\% | 0.01 | 0.02 | 0.56 | 0.71 | 3.29 | 4.15 | 5.80 | 9.95 | 16.16 | 59.35 | 100.00 |
| C\% | 5.02 | 0.45 | 4.89 | 6.46 | 6.00 | 6.22 | 6.51 | 6.35 | 6.14 | 5.63 | 5.84 |
| 601-800 | 12 | 28 | 846 | 1,179 | 5,269 | 6,814 | 9,321 | 16,286 | 25,870 | 98,641 | 164,266 |
| $\mathrm{R} \%$ | 0.01 | 0.02 | 0.52 | 0.72 | 3.21 | 4.15 | 5.67 | 9.91 | 15.75 | 60.05 | 100.00 |
| C\% | 2.74 | 0.34 | 3.79 | 5.52 | 4.95 | 5.26 | 5.39 | 5.36 | 5.07 | 4.82 | 4.94 |
| 801-1,000 | 9 | 22 | 651 | 1,108 | 4,707 | 6,681 | 8,271 | 15,049 | 23,927 | 92,431 | 152,856 |
| R\% | 0.01 | 0.01 | 0.43 | 0.72 | 3.08 | 4.37 | 5.41 | 9.85 | 15.65 | 60.47 | 100.00 |
| C\% | 2.05 | 0.27 | 2.92 | 5.19 | 4.42 | 5.16 | 4.79 | 4.95 | 4.69 | 4.52 | 4.60 |
| 1,001 - 1,200 | 15 | 5 | 497 | 931 | 4,203 | 6,011 | 7,590 | 13,488 | 21,975 | 85,900 | 140,615 |
| R\% | 0.01 | 0.00 | 0.35 | 0.66 | 2.99 | 4.27 | 5.40 | 9.59 | 15.63 | 61.09 | 100.00 |
| C\% | 3.42 | 0.06 | 2.23 | 4.36 | 3.95 | 4.64 | 4.39 | 4.44 | 4.30 | 4.20 | 4.23 |
| 1,201-1,400 | 13 | 1 | 407 | 762 | 3,233 | 4,627 | 5,707 | 11,175 | 17,744 | 71,542 | 115,211 |
| $\mathrm{R} \%$ | 0.01 | 0.00 | 0.35 | 0.66 | 2.81 | 4.02 | 4.95 | 9.70 | 15.40 | 62.10 | 100.00 |
| C\% | 2.97 | 0.01 | 1.82 | 3.57 | 3.04 | 3.57 | 3.30 | 3.68 | 3.47 | 3.50 | 3.47 |
| 1,401-1,600 | 14 | 2 | 308 | 591 | 2,961 | 4,249 | 5,298 | 10,163 | 16,446 | 66,544 | 106,576 |
| $\mathrm{R} \%$ | 0.01 | 0.00 | 0.29 | 0.55 | 2.78 | 3.99 | 4.97 | 9.54 | 15.43 | 62.44 | 100.00 |
| C\% | 3.20 | 0.02 | 1.38 | 2.77 | 2.78 | 3.28 | 3.07 | 3.34 | 3.22 | 3.25 | 3.21 |
| 1,601-1,800 | 13 | 1 | 86 | 404 | 2,508 | 3,881 | 4,698 | 9,273 | 15,014 | 63,454 | 99,332 |
| $\mathrm{R} \%$ | 0.01 | 0.00 | 0.09 | 0.41 | 2.52 | 3.91 | 4.73 | 9.34 | 15.11 | 63.88 | 100.00 |
| C\% | 2.97 | 0.01 | 0.39 | 1.89 | 2.36 | 2.99 | 2.72 | 3.05 | 2.94 | 3.10 | 2.99 |
| 1,801 - 2,100 | 11 | 2 | 2 | 74 | 2,647 | 4,566 | 5,301 | 11,557 | 19,118 | 84,831 | 128,109 |
| $\mathrm{R} \%$ | 0.01 | 0.00 | 0.00 | 0.06 | 2.07 | 3.56 | 4.14 | 9.02 | 14.92 | 66.22 | 100.00 |
| C\% | 2.51 | 0.02 | 0.01 | 0.35 | 2.49 | 3.52 | 3.07 | 3.80 | 3.74 | 4.15 | 3.86 |
| TOTAL | 438 | 8,281 | 22,326 | 21,369 | 106,426 | 129,601 | 172,839 | 304,012 | 510,648 | 2,046,211 | 3,322,151 |
| R\% | 0.01 | 0.25 | 0.67 | 0.64 | 3.20 | 3.90 | 5.20 | 9.15 | 15.37 | 61.59 | 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 7-B
DISTRIBUTION OF PELL GRANT RECIPIENTS BY STUDENT AID INDEX AND EDUCATIONAL COST DEPENDENT RECIPIENTS - AWARD YEAR 1989-90

| STUDENT AID INDEX |  | EDUCATIONAL COST |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { UNDER } \\ \$ 400 \end{gathered}$ | $\begin{aligned} & \$ 400- \\ & 1,500 \end{aligned}$ | $\begin{gathered} \text { \$1,501 - } \\ \text { 1,800 } \end{gathered}$ | $\begin{gathered} \text { \$1,801 - } \\ \text { 2,100 } \end{gathered}$ | $\begin{gathered} \text { \$2,101 - } \\ \text { 2,400 } \end{gathered}$ | $\begin{gathered} \$ 2,401- \\ 2,700 \end{gathered}$ | $\begin{gathered} \$ 2,701- \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001- \\ 3,300 \end{gathered}$ | $\begin{gathered} \$ 3,301 \\ 3,800 \end{gathered}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,800 \end{aligned}$ | TOTAL |
| 0 |  | 26 | 233 | 9,221 | 6,597 | 26,676 | 24,065 | 24,869 | 42,741 | 52,691 | 231,984 | 419,103 |
|  | R\% | 0.01 | 0.06 | 2.20 | 1.57 | 6.37 | 5.74 | 5.93 | 10.20 | 12.57 | 55.35 | 100.00 |
|  | C\% | 28.57 | 60.36 | 57.27 | 42.78 | 41.67 | 34.73 | 36.11 | 32.25 | 28.47 | 28.59 | 30.75 |
| 1-200 |  | 16 | 60 | 2,078 | 2,034 | 7,692 | 8,628 | 8,423 | 16,824 | 24,123 | 96,366 | 166,244 |
|  | R\% | 0.01 | 0.04 | 1.25 | 1.22 | 4.63 | 5.19 | 5.07 | 10.12 | 14.51 | 57.97 | 100.00 |
|  | C\% | 17.58 | 15.54 | 12.91 | 13.19 | 12.02 | 12.45 | 12.23 | 12.70 | 13.04 | 11.88 | 12.20 |
| 201-400 |  | 8 | 31 | 1,336 | 1,417 | 5,529 | 5,780 | 5,692 | 11,021 | 15,233 | 63,555 | 109,602 |
|  | R\% | 0.01 | 0.03 | 1.22 | 1.29 | 5.04 | 5.27 | 5.19 | 10.06 | 13.90 | 57.99 | 100.00 |
|  | C\% | 8.79 | 8.03 | 8.30 | 9.19 | 8.64 | 8.34 | 8.27 | 8.32 | 8.23 | 7.83 | 8.04 |
| 401-600 |  | 6 | 25 | 975 | 1,137 | 4,761 | 5,199 | 5,149 | 10,080 | 14,349 | 60,122 | 101,803 |
|  | R\% | 0.01 | 0.02 | 0.96 | 1.12 | 4.68 | 5.11 | 5.06 | 9.90 | 14.09 | 59.06 | 100.00 |
|  | C\% | 6.59 | 6.48 | 6.06 | 7.37 | 7.44 | 7.50 | 7.48 | 7.61 | 7.75 | 7.41 | 7.47 |
| 601-800 |  | 2 | 18 | 748 | 980 | 3,891 | 4,527 | 4,497 | 8,942 | 12,671 | 55,169 | 91,445 |
| R\% | R\% | 0.00 | 0.02 | 0.82 | 1.07 | 4.26 | 4.95 | 4.92 | 9.78 | 13.86 | 60.33 | 100.00 |
|  | C\% | 2.20 | 4.66 | 4.65 | 6.35 | 6.08 | 6.53 | 6.53 | 6.75 | 6.85 | 6.80 | 6.71 |
| 801-1,000 |  | 1 | 15 | 568 | 929 | 3,512 | 4,441 | 4,121 | 8,525 | 12,562 | 54,574 | 89,248 |
|  | $\mathrm{R} \%$ | 0.00 | 0.02 | 0.64 | 1.04 | 3.94 | 4.98 | 4.62 | 9.55 | 14.08 | 61.15 | 100.00 |
|  | C\% | 1.10 | 3.89 | 3.53 | 6.02 | 5.49 | 6.41 | 5.98 | 6.43 | 6.79 | 6.73 | 6.55 |
| 1,001-1,200 |  | 8 | 1 | 450 | 776 | 3,223 | 4,189 | 3,946 | 7,838 | 11,820 | 52,837 | 85,088 |
|  | $\mathrm{R} \%$ | 0.01 | 0.00 | 0.53 | 0.91 | 3.79 | 4.92 | 4.64 | 9.21 | 13.89 | 62.10 | 100.00 |
|  | C\% | 8.79 | 0.26 | 2.79 | 5.03 | 5.03 | 6.05 | 5.73 | 5.91 | 6.39 | 6.51 | 6.24 |
| 1,201 - 1,400 |  | 2 | 1 | 360 | 634 | 2,451 | 3,250 | 3,192 | 6,767 | 10,373 | 46,925 | 73,955 |
|  | $\mathrm{R} \%$ | 0.00 | 0.00 | 0.49 | 0.86 | 3.31 | 4.39 | 4.32 | 9.15 | 14.03 | 63.45 | 100.00 |
|  | C\% | 2.20 | 0.26 | 2.24 | 4.11 | 3.83 | 4.69 | 4.64 | 5.11 | 5.61 | 5.78 | 5.43 |
| 1,401-1,600 |  | 6 | 1 | 287 | 505 | 2,280 | 2,981 | 2,989 | 6,279 | 9,657 | 44,538 | 69,523 |
|  | $\mathrm{R} \%$ | 0.01 | 0.00 | 0.41 | 0.73 | 3.28 | 4.29 | 4.30 | 9.03 | 13.89 | 64.06 | 100.00 |
|  | C\% | 6.59 | 0.26 | 1.78 | 3.27 | 3.56 | 4.30 | 4.34 | 4.74 | 5.22 | 5.49 | 5.10 |
| 1,601-1,800 |  | 7 | 0 | 78 | 345 | 1,960 | 2,817 | 2,672 | 5,796 | 9,097 | 43,868 | 66,640 |
|  | R\% | 0.01 | 0.00 | 0.12 | 0.52 | 2.94 | 4.23 | 4.01 | 8.70 | 13.65 | 65.83 | 100.00 |
|  | C\% | 7.69 | 0.00 | 0.48 | 2.24 | 3.06 | 4.07 | 3.88 | 4.37 | 4.92 | 5.41 | 4.89 |
| 1,801 - 2,100 |  | 9 | 1 | 1 | 67 | 2,041 | 3,410 | 3,317 | 7,710 | 12,469 | 61,366 | 90,391 |
|  | $\mathrm{R} \%$ | 0.01 | 0.00 | 0.00 | 0.07 | 2.26 | 3.77 | 3.67 | 8.53 | 13.79 | 67.89 | 100.00 |
|  | C\% | 9.89 | 0.26 | 0.01 | 0.43 | 3.19 | 4.92 | 4.82 | 5.82 | 6.74 | 7.56 | 6.63 |
| TOTAL |  | 91 | 386 | 16,102 | 15,421 | 64,016 | 69,287 | 68,867 | 132,523 | 185,045 | 811,304 | 1,363,042 |
|  | R\% | 0.01 | 0.03 | 1.18 | 1.13 | 4.70 | 5.08 | 5.05 | 9.72 | 13.58 | 59.52 | 100.00 |
|  | C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

Table 7-C
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY STUDENT AID INDEX AND EDUCATIONAL COST INDEPENDENT RECIPIENTS - AWARD YEAR 1989-90

EDUCATIONAL COST

| STUDENT AID INDEX |  | EDUCATIONAL COST |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { UNDER } \\ \$ 400 \end{gathered}$ | $\begin{gathered} \$ 400- \\ 1,500 \end{gathered}$ | $\begin{gathered} \$ 1,501 \\ \text { 1,800 } \end{gathered}$ | $\begin{gathered} \text { \$1,801 - } \\ \text { 2,100 } \end{gathered}$ | $\begin{gathered} \$ 2,101- \\ 2,400 \end{gathered}$ | $\begin{gathered} \$ 2,401 \\ 2,700 \end{gathered}$ | $\begin{gathered} \$ 2,701- \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001- \\ 3,300 \end{gathered}$ | $\begin{gathered} \$ 3,301 \\ 3,800 \end{gathered}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,800 \end{aligned}$ | TOTAL |
| 0 |  | 255 | 7,805 | 5,550 | 4,393 | 30,269 | 39,456 | 61,754 | 106,397 | 206,126 | 833,057 | 1,295,062 |
|  | R\% | 0.02 | 0.60 | 0.43 | 0.34 | 2.34 | 3.05 | 4.77 | 8.22 | 15.92 | 64.33 | 100.00 |
|  | C\% | 73.49 | 98.86 | 89.17 | 73.86 | 71.37 | 65.42 | 59.39 | 62.04 | 63.31 | 67.46 | 66.10 |
| 1-200 |  | 8 | 36 | 145 | 261 | 2,372 | 3,591 | 7,707 | 10,957 | 21,128 | 77,225 | 123,430 |
|  | R\% | 0.01 | 0.03 | 0.12 | 0.21 | 1.92 | 2.91 | 6.24 | 8.88 | 17.12 | 62.57 | 100.00 |
|  | C\% | 2.31 | 0.46 | 2.33 | 4.39 | 5.59 | 5.95 | 7.41 | 6.39 | 6.49 | 6.25 | 6.30 |
| 201-400 |  | 16 | 18 | 108 | 238 | 1,975 | 3,196 | 6,948 | 9,768 | 19,887 | 65,476 | 107,630 |
|  | R\% | 0.01 | 0.02 | 0.10 | 0.22 | 1.83 | 2.97 | 6.46 | 9.08 | 18.48 | 60.83 | 100.00 |
|  | C\% | 4.61 | 0.23 | 1.74 | 4.00 | 4.66 | 5.30 | 6.68 | 5.70 | 6.11 | 5.30 | 5.49 |
| 401-600 |  | 16 | 12 | 116 | 243 | 1,624 | 2,857 | 6,111 | 9,233 | 17,017 | 55,083 | 92,312 |
|  | R\% | 0.02 | 0.01 | 0.13 | 0.26 | 1.76 | 3.09 | 6.62 | 10.00 | 18.43 | 59.67 | 100.00 |
|  | C\% | 4.61 | 0.15 | 1.86 | 4.09 | 3.83 | 4.74 | 5.88 | 5.38 | 5.23 | 4.46 | 4.71 |
| 601-800 |  | 10 | 10 | 98 | 199 | 1,378 | 2,287 | 4,824 | 7,344 | 13,199 | 43,472 | 72,821 |
|  | R\% | 0.01 | 0.01 | 0.13 | 0.27 | 1.89 | 3.14 | 6.62 | 10.09 | 18.13 | 59.70 | 100.00 |
|  | C\% | 2.88 | 0.13 | 1.57 | 3.35 | 3.25 | 3.79 | 4.64 | 4.28 | 4.05 | 3.52 | 3.72 |
| 801-1,000 |  | 8 | 7 | 83 | 179 | 1,195 | 2,240 | 4,150 | 6,524 | 11,365 | 37,857 | 63,608 |
|  | R\% | 0.01 | 0.01 | 0.13 | 0.28 | 1.88 | 3.52 | 6.52 | 10.26 | 17.87 | 59.52 | 100.00 |
|  | C\% | 2.31 | 0.09 | 1.33 | 3.01 | 2.82 | 3.71 | 3.99 | 3.80 | 3.49 | 3.07 | 3.25 |
| 1,001-1,200 |  | 7 | 4 | 47 | 155 | 980 | 1,822 | 3,644 | 5,650 | 10,155 | 33,063 | 55,527 |
|  | R\% | 0.01 | 0.01 | 0.08 | 0.28 | 1.76 | 3.28 | 6.56 | 10.18 | 18.29 | 59.54 | 100.00 |
|  | C\% | 2.02 | 0.05 | 0.76 | 2.61 | 2.31 | 3.02 | 3.50 | 3.29 | 3.12 | 2.68 | 2.83 |
| 1,201-1,400 |  | 11 | 0 | 47 | 128 | 782 | 1,377 | 2,515 | 4,408 | 7,371 | 24,617 | 41,256 |
|  | R\% | 0.03 | 0.00 | 0.11 | 0.31 | 1.90 | 3.34 | 6.10 | 10.68 | 17.87 | 59.67 | 100.00 |
|  | C\% | 3.17 | 0.00 | 0.76 | 2.15 | 1.84 | 2.28 | 2.42 | 2.57 | 2.26 | 1.99 | 2.11 |
| 1,401 - 1,600 |  | 8 | 1 | 21 | 86 | 681 | 1,268 | 2,309 | 3,884 | 6,789 | 22,006 | 37,053 |
|  | R\% | 0.02 | 0.00 | 0.06 | 0.23 | 1.84 | 3.42 | 6.23 | 10.48 | 18.32 | 59.39 | 100.00 |
|  | C\% | 2.31 | 0.01 | 0.34 | 1.45 | 1.61 | 2.10 | 2.22 | 2.26 | 2.09 | 1.78 | 1.89 |
| 1,601-1,800 |  | 6 | 1 | 8 | 59 | 548 | 1,064 | 2,026 | 3,477 | 5,917 | 19,586 | 32,692 |
|  | R\% | 0.02 | 0.00 | 0.02 | 0.18 | 1.68 | 3.25 | 6.20 | 10.64 | 18.10 | 59.91 | 100.00 |
|  | C\% | 1.73 | 0.01 | 0.13 | 0.99 | 1.29 | 1.76 | 1.95 | 2.03 | 1.82 | 1.59 | 1.67 |
| 1,801 - 2,100 |  | 2 | 1 | 1 | 7 | 606 | 1,156 | 1,984 | 3,847 | 6,649 | 23,465 | 37,718 |
|  | R\% | 0.01 | 0.00 | 0.00 | 0.02 | 1.61 | 3.06 | 5.26 | 10.20 | 17.63 | 62.21 | 100.00 |
|  | C\% | 0.58 | 0.01 | 0.02 | 0.12 | 1.43 | 1.92 | 1.91 | 2.24 | 2.04 | 1.90 | 1.93 |
| TOTAL |  | 347 | 7,895 | 6,224 | 5,948 | 42,410 | 60,314 | 103,972 | 171,489 | 325,603 | 1,234,907 | 1,959,109 |
|  | R\% | 0.02 | 0.40 | 0.32 | 0.30 | 2.16 | 3.08 | 5.31 | 8.75 | 16.62 | 63.03 | 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 <br> By Family Income and Educational Cost 

Award Period 1989-90

8A - Total
8B-Dependents
8C - Independents

Tables 8A, 8B, and 8C show the distribution of Pell Grant recipients by family income and educational cost.

Low and High Cost Schools Attract Students from all Income Ranges at Similar Rate. Table 8A shows no clear relationship between income and educational cost. This is consistent with the lack of relationship between SAI and educational cost for Table 7. Low cost schools attract low income students at about same rate as high income students. For example, 4.8 percent of all recipients with income of $\$ 9,000$ or less attend institutions where costs are $\$ 2,400$ or less. By comparison, 3.7 percent of recipients with income greater than $\$ 20,000$ have costs in this low range. Likewise, higher cost schools attract recipients from both income groups at the same rate. About three-quarters of the $\$ 9,000$ or less income group ( 77.5 percent) and the greater than $\$ 20,000$ income group (78.6 percent) have costs greater than $\$ 3,300$.

More Dependents in High Income and Cost Ranges. Tables 8 B and 8 C show that more
dependents are in the higher income and educational cost ranges than independents. For example, as shown in Figure 11, 28.3 percent of dependents versus only 7.2 percent of independents have incomes of more than $\$ 20,000$ and costs over $\$ 3,300$. Family incomes ranges of $\$ 9,001$ to $\$ 20,000$ for the same educational cost ranges are found for 25.7 percent of dependent students and 17.8 percent of independent students. Those with family income up to $\$ 9,000$ and the same educational cost range account for 54.7 of independents and 19.1 percent of dependents.


Figure 11: High Educational Costs by Income

DISTRIBUTION OF PELL GRANT RECIPIENTS
BY FAMILY INCOME AND EDUCATIONAL COST

ALL RECIPIENTS - AWARD YEAR 1989-90

EDUCATIONAL COST

| FAMILY INCOME | UNDER \$400 | $\begin{gathered} \$ 400- \\ 1,500 \end{gathered}$ | $\begin{gathered} \$ 1,501- \\ 1,800 \end{gathered}$ | $\begin{gathered} \$ 1,801 \\ 2,100 \end{gathered}$ | $\begin{gathered} \$ 2,101 \\ 2,400 \end{gathered}$ | $\begin{gathered} \$ 2,401 \\ 2,700 \end{gathered}$ | $\begin{gathered} \$ 2,701 \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001- \\ 3,300 \end{gathered}$ | $\begin{gathered} \$ 3,301 \\ 3,800 \end{gathered}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,800 \end{aligned}$ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LESS THAN \$1,001 | 131 | 7,250 | 4,022 | 2,206 | 8,520 | 10,297 | 10,430 | 20,612 | 32,304 | 123,241 | 219,013 |
| R\% | 0.06 | 3.31 | 1.84 | 1.01 | 3.89 | 4.70 | 4.76 | 9.41 | 14.75 | 56.27 | 100.00 |
| C\% | 29.91 | 87.55 | 18.01 | 10.32 | 8.01 | 7.95 | 6.03 | 6.78 | 6.33 | 6.02 | 6.59 |
| \$1,001 - 3,000 | 31 | 272 | 1,320 | 1,438 | 9,040 | 10,538 | 16,449 | 25,826 | 44,185 | 202,159 | 311,258 |
| R\% | 0.01 | 0.09 | 0.42 | 0.46 | 2.90 | 3.39 | 5.28 | 8.30 | 14.20 | 64.95 | 100.00 |
| C\% | 7.08 | 3.28 | 5.91 | 6.73 | 8.49 | 8.13 | 9.52 | 8.50 | 8.65 | 9.88 | 9.37 |
| \$3,001 - 6,000 | 75 | 320 | 2,627 | 2,814 | 16,961 | 20,144 | 31,382 | 57,019 | 102,382 | 425,715 | 659,439 |
| R\% | 0.01 | 0.05 | 0.40 | 0.43 | 2.57 | 3.05 | 4.76 | 8.65 | 15.53 | 64.56 | 100.00 |
| C\% | 17.12 | 3.86 | 11.77 | 13.17 | 15.94 | 15.54 | 18.16 | 18.76 | 20.05 | 20.81 | 19.85 |
| \$6,001 - 9,000 | 49 | 162 | 3,810 | 3,341 | 18,886 | 21,593 | 27,621 | 51,662 | 86,712 | 315,073 | 528,909 |
| R\% | 0.01 | 0.03 | 0.72 | 0.63 | 3.57 | 4.08 | 5.22 | 9.77 | 16.39 | 59.57 | 100.00 |
| C\% | 11.19 | 1.96 | 17.07 | 15.63 | 17.75 | 16.66 | 15.98 | 16.99 | 16.98 | 15.40 | 15.92 |
| \$9,001 - 15,000 | 55 | 145 | 5,523 | 4,899 | 22,007 | 25,682 | 33,008 | 54,485 | 89,614 | 340,869 | 576,287 |
| R\% | 0.01 | 0.03 | 0.96 | 0.85 | 3.82 | 4.46 | 5.73 | 9.45 | 15.55 | 59.15 | 100.00 |
| C\% | 12.56 | 1.75 | 24.74 | 22.93 | 20.68 | 19.82 | 19.10 | 17.92 | 17.55 | 16.66 | 17.35 |
| \$15,001 - 20,000 | 40 | 63 | 2,467 | 3,008 | 12,503 | 15,844 | 20,854 | 34,255 | 55,149 | 213,046 | 357,229 |
| R\% | 0.01 | 0.02 | 0.69 | 0.84 | 3.50 | 4.44 | 5.84 | 9.59 | 15.44 | 59.64 | 100.00 |
| C\% | 9.13 | 0.76 | 11.05 | 14.08 | 11.75 | 12.23 | 12.07 | 11.27 | 10.80 | 10.41 | 10.75 |
| \$20,001 - 30,000 | 45 | 60 | 2,179 | 3,011 | 14,295 | 19,326 | 25,317 | 44,210 | 72,095 | 294,386 | 474,924 |
| R\% | 0.01 | 0.01 | 0.46 | 0.63 | 3.01 | 4.07 | 5.33 | 9.31 | 15.18 | 61.99 | 100.00 |
| C\% | 10.27 | 0.72 | 9.76 | 14.09 | 13.43 | 14.91 | 14.65 | 14.54 | 14.12 | 14.39 | 14.30 |
| \$30,001 - 40,000 | 7 | 8 | 335 | 572 | 3,573 | 5,080 | 6,388 | 12,817 | 22,272 | 98,851 | 149,903 |
| R\% | 0.00 | 0.01 | 0.22 | 0.38 | 2.38 | 3.39 | 4.26 | 8.55 | 14.86 | 65.94 | 100.00 |
| C\% | 1.60 | 0.10 | 1.50 | 2.68 | 3.36 | 3.92 | 3.70 | 4.22 | 4.36 | 4.83 | 4.51 |
| \$40,001 + | 5 | 1 | 43 | 80 | 641 | 1,097 | 1,390 | 3,126 | 5,935 | 32,871 | 45,189 |
| R\% | 0.01 | 0.00 | 0.10 | 0.18 | 1.42 | 2.43 | 3.08 | 6.92 | 13.13 | 72.74 | 100.00 |
| C\% | 1.14 | 0.01 | 0.19 | 0.37 | 0.60 | 0.85 | 0.80 | 1.03 | 1.16 | 1.61 | 1.36 |
| TOTAL | 438 | 8,281 | 22,326 | 21,369 | 106,426 | 129,601 | 172,839 | 304,012 | 510,648 | 2,046,211 | 3,322,151 |
| R\% | 0.01 | 0.25 | 0.67 | 0.64 | 3.20 | 3.90 | 5.20 | 9.15 | 15.37 | 61.59 | 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 <br> BY FAMILY INCOME AND EDUCATIONAL COST <br> DEPENDENT RECIPIENTS - AWARD YEAR 1989-90

EDUCATIONAL COST

| FAMILY INCOME | UNDER \$400 | $\begin{gathered} \$ 400- \\ 1,500 \end{gathered}$ | $\begin{gathered} \$ 1,501- \\ 1,800 \end{gathered}$ | $\begin{gathered} \$ 1,801 \\ 2,100 \end{gathered}$ | $\begin{gathered} \$ 2,101 \\ 2,400 \end{gathered}$ | $\begin{gathered} \$ 2,401 \\ 2,700 \end{gathered}$ | $\begin{gathered} \$ 2,701 \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001- \\ 3,300 \end{gathered}$ | $\begin{gathered} \$ 3,301 \\ 3,800 \end{gathered}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,800 \end{aligned}$ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LESS THAN \$1,001 | 5 | 12 | 424 | 350 | 1,362 | 1,731 | 1,555 | 3,300 | 5,424 | 20,485 | 34,648 |
| R\% | 0.01 | 0.03 | 1.22 | 1.01 | 3.93 | 5.00 | 4.49 | 9.52 | 15.65 | 59.12 | 100.00 |
| C\% | 5.49 | 3.11 | 2.63 | 2.27 | 2.13 | 2.50 | 2.26 | 2.49 | 2.93 | 2.52 | 2.54 |
| \$1,001 - 3,000 | 3 | 33 | 659 | 663 | 3,607 | 2,784 | 3,067 | 4,349 | 7,640 | 30,092 | 52,897 |
| R\% | 0.01 | 0.06 | 1.25 | 1.25 | 6.82 | 5.26 | 5.80 | 8.22 | 14.44 | 56.89 | 100.00 |
| C\% | 3.30 | 8.55 | 4.09 | 4.30 | 5.63 | 4.02 | 4.45 | 3.28 | 4.13 | 3.71 | 3.88 |
| \$3,001 - 6,000 | 8 | 71 | 1,749 | 1,595 | 7,772 | 6,984 | 7,877 | 13,448 | 18,034 | 79,094 | 136,632 |
| R\% | 0.01 | 0.05 | 1.28 | 1.17 | 5.69 | 5.11 | 5.77 | 9.84 | 13.20 | 57.89 | 100.00 |
| C\% | 8.79 | 18.39 | 10.86 | 10.34 | 12.14 | 10.08 | 11.44 | 10.15 | 9.75 | 9.75 | 10.02 |
| \$6,001 - 9,000 | 7 | 62 | 3,184 | 2,389 | 8,329 | 8,502 | 8,294 | 15,755 | 18,723 | 80,940 | 146,185 |
| R\% | 0.00 | 0.04 | 2.18 | 1.63 | 5.70 | 5.82 | 5.67 | 10.78 | 12.81 | 55.37 | 100.00 |
| C\% | 7.69 | 16.06 | 19.77 | 15.49 | 13.01 | 12.27 | 12.04 | 11.89 | 10.12 | 9.98 | 10.72 |
| \$9,001 - 15,000 | 21 | 101 | 5,272 | 4,388 | 15,614 | 16,592 | 14,953 | 28,792 | 36,709 | 154,518 | 276,960 |
| R\% | 0.01 | 0.04 | 1.90 | 1.58 | 5.64 | 5.99 | 5.40 | 10.40 | 13.25 | 55.79 | 100.00 |
| C\% | 23.08 | 26.17 | 32.74 | 28.45 | 24.39 | 23.95 | 21.71 | 21.73 | 19.84 | 19.05 | 20.32 |
| \$15,001 - 20,000 | 18 | 48 | 2,338 | 2,692 | 10,616 | 11,962 | 11,393 | 22,288 | 30,401 | 128,326 | 220,082 |
| R\% | 0.01 | 0.02 | 1.06 | 1.22 | 4.82 | 5.44 | 5.18 | 10.13 | 13.81 | 58.31 | 100.00 |
| C\% | 19.78 | 12.44 | 14.52 | 17.46 | 16.58 | 17.26 | 16.54 | 16.82 | 16.43 | 15.82 | 16.15 |
| \$20,001 - 30,000 | 19 | 52 | 2,101 | 2,727 | 12,738 | 15,168 | 15,561 | 31,050 | 45,580 | 203,212 | 328,208 |
| R\% | 0.01 | 0.02 | 0.64 | 0.83 | 3.88 | 4.62 | 4.74 | 9.46 | 13.89 | 61.92 | 100.00 |
| C\% | 20.88 | 13.47 | 13.05 | 17.68 | 19.90 | 21.89 | 22.60 | 23.43 | 24.63 | 25.05 | 24.08 |
| \$30,001 - 40,000 | 6 | 6 | 332 | 540 | 3,359 | 4,507 | 4,946 | 10,663 | 17,261 | 83,599 | 125,219 |
| R\% | 0.00 | 0.00 | 0.27 | 0.43 | 2.68 | 3.60 | 3.95 | 8.52 | 13.78 | 66.76 | 100.00 |
| C\% | 6.59 | 1.55 | 2.06 | 3.50 | 5.25 | 6.50 | 7.18 | 8.05 | 9.33 | 10.30 | 9.19 |
| \$40,001 + | 4 | 1 | 43 | 77 | 619 | 1,057 | 1,221 | 2,878 | 5,273 | 31,038 | 42,211 |
| R\% | 0.01 | 0.00 | 0.10 | 0.18 | 1.47 | 2.50 | 2.89 | 6.82 | 12.49 | 73.53 | 100.00 |
| C\% | 4.40 | 0.26 | 0.27 | 0.50 | 0.97 | 1.53 | 1.77 | 2.17 | 2.85 | 3.83 | 3.10 |
| TOTAL | 91 | 386 | 16,102 | 15,421 | 64,016 | 69,287 | 68,867 | 132,523 | 185,045 | 811,304 | 1,363,042 |
| R\% | 0.01 | 0.03 | 1.18 | 1.13 | 4.70 | 5.08 | 5.05 | 9.72 | 13.58 | 59.52 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

DISTRIBUTION OF PELL GRANT RECIPIENTS
BY FAMILY INCOME AND EDUCATIONAL COST INDEPENDENT RECIPIENTS - AWARD YEAR 1989-90

EDUCATIONAL COST

| FAMILY INCOME | UNDER \$400 | $\begin{gathered} \$ 400- \\ 1,500 \end{gathered}$ | $\begin{gathered} \$ 1,501 \\ 1,800 \end{gathered}$ | $\begin{gathered} \$ 1,801 \\ 2,100 \end{gathered}$ | $\begin{gathered} \$ 2,101 \\ 2,400 \end{gathered}$ | $\begin{gathered} \$ 2,401 \\ 2,700 \end{gathered}$ | $\begin{gathered} \$ 2,701 \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001- \\ 3,300 \end{gathered}$ | $\begin{gathered} \$ 3,301 \\ 3,800 \end{gathered}$ | $\begin{aligned} & \text { OVER } \\ & \$ 3,800 \end{aligned}$ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LESS THAN \$1,001 | 126 | 7,238 | 3,598 | 1,856 | 7,158 | 8,566 | 8,875 | 17,312 | 26,880 | 102,756 | 184,365 |
| R\% | 0.07 | 3.93 | 1.95 | 1.01 | 3.88 | 4.65 | 4.81 | 9.39 | 14.58 | 55.74 | 100.00 |
| C\% | 36.31 | 91.68 | 57.81 | 31.20 | 16.88 | 14.20 | 8.54 | 10.10 | 8.26 | 8.32 | 9.41 |
| \$1,001 - 3,000 | 28 | 239 | 661 | 775 | 5,433 | 7,754 | 13,382 | 21,477 | 36,545 | 172,067 | 258,361 |
| R\% | 0.01 | 0.09 | 0.26 | 0.30 | 2.10 | 3.00 | 5.18 | 8.31 | 14.14 | 66.60 | 100.00 |
| C\% | 8.07 | 3.03 | 10.62 | 13.03 | 12.81 | 12.86 | 12.87 | 12.52 | 11.22 | 13.93 | 13.19 |
| \$3,001 - 6,000 | 67 | 249 | 878 | 1,219 | 9,189 | 13,160 | 23,505 | 43,571 | 84,348 | 346,621 | 522,807 |
| R\% | 0.01 | 0.05 | 0.17 | 0.23 | 1.76 | 2.52 | 4.50 | 8.33 | 16.13 | 66.30 | 100.00 |
| C\% | 19.31 | 3.15 | 14.11 | 20.49 | 21.67 | 21.82 | 22.61 | 25.41 | 25.91 | 28.07 | 26.69 |
| \$6,001 - 9,000 | 42 | 100 | 626 | 952 | 10,557 | 13,091 | 19,327 | 35,907 | 67,989 | 234,133 | 382,724 |
| R\% | 0.01 | 0.03 | 0.16 | 0.25 | 2.76 | 3.42 | 5.05 | 9.38 | 17.76 | 61.18 | 100.00 |
| C\% | 12.10 | 1.27 | 10.06 | 16.01 | 24.89 | 21.70 | 18.59 | 20.94 | 20.88 | 18.96 | 19.54 |
| \$9,001 - 15,000 | 34 | 44 | 251 | 511 | 6,393 | 9,090 | 18,055 | 25,693 | 52,905 | 186,351 | 299,327 |
| R\% | 0.01 | 0.01 | 0.08 | 0.17 | 2.14 | 3.04 | 6.03 | 8.58 | 17.67 | 62.26 | 100.00 |
| C\% | 9.80 | 0.56 | 4.03 | 8.59 | 15.07 | 15.07 | 17.37 | 14.98 | 16.25 | 15.09 | 15.28 |
| \$15,001 - 20,000 | 22 | 15 | 129 | 316 | 1,887 | 3,882 | 9,461 | 11,967 | 24,748 | 84,720 | 137,147 |
| R\% | 0.02 | 0.01 | 0.09 | 0.23 | 1.38 | 2.83 | 6.90 | 8.73 | 18.04 | 61.77 | 100.00 |
| C\% | 6.34 | 0.19 | 2.07 | 5.31 | 4.45 | 6.44 | 9.10 | 6.98 | 7.60 | 6.86 | 7.00 |
| \$20,001 - 30,000 | 26 | 8 | 78 | 284 | 1,557 | 4,158 | 9,756 | 13,160 | 26,515 | 91,174 | 146,716 |
| R\% | 0.02 | 0.01 | 0.05 | 0.19 | 1.06 | 2.83 | 6.65 | 8.97 | 18.07 | 62.14 | 100.00 |
| C\% | 7.49 | 0.10 | 1.25 | 4.77 | 3.67 | 6.89 | 9.38 | 7.67 | 8.14 | 7.38 | 7.49 |
| \$30,001 - 40,000 | 1 | 2 | 3 | 32 | 214 | 573 | 1,442 | 2,154 | 5,011 | 15,252 | 24,684 |
| R\% | 0.00 | 0.01 | 0.01 | 0.13 | 0.87 | 2.32 | 5.84 | 8.73 | 20.30 | 61.79 | 100.00 |
| C\% | 0.29 | 0.03 | 0.05 | 0.54 | 0.50 | 0.95 | 1.39 | 1.26 | 1.54 | 1.24 | 1.26 |
| \$40,001 + | 1 | 0 | 0 | 3 | 22 | 40 | 169 | 248 | 662 | 1,833 | 2,978 |
| R\% | 0.03 | 0.00 | 0.00 | 0.10 | 0.74 | 1.34 | 5.67 | 8.33 | 22.23 | 61.55 | 100.00 |
| C\% | 0.29 | 0.00 | 0.00 | 0.05 | 0.05 | 0.07 | 0.16 | 0.14 | 0.20 | 0.15 | 0.15 |
| TOTAL | 347 | 7,895 | 6,224 | 5,948 | 42,410 | 60,314 | 103,972 | 171,489 | 325,603 | 1,234,907 | 1,959,109 |
| R\% | 0.02 | 0.40 | 0.32 | 0.30 | 2.16 | 3.08 | 5.31 | 8.75 | 16.62 | 63.03 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

## Table 9

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

Award Period 1989-90

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

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

Net assets is the sum of the market value, less unpaid debts, of the home, other real estate/investments, and business/farm, plus cash/savings/checking. The formulae for calculating Student Aid Index provide for asset reserves that "protect" a portion of the student's or parents' assets when determining the contribution from assets. Asset reserves apply to all Pell recipients except single independents with no dependents (i.e., those with a family size of one). The asset reserves, established by the Higher Education Act amendments of 1986, are $\$ 30,000$ for a home, $\$ 80,000$ for a business, $\$ 100,000$ for a farm; and $\$ 25,000$ for all other assets combined.

For Most Pell Recipients Assets Have No Impact on Family Contribution. As Table 9A shows, Pell recipients have few assets. Seven out of eight recipients ( 87.5 percent) have net assets of $\$ 25,000$ or less and thus are
expected to make no contribution (except single independents) from any net assets because of the protection allowances. Three quarters ( 76.1 percent) have net assets of $\$ 7,500$ or less and 43 percent report zero assets. These figures are within 1 percent of those reported in 1988-89.

The percentage of recipients with net assets of $\$ 25,000$ or less generally declines with family income. For the lowest income groups (up to $\$ 9,000$ ), approximately 94 to 97 percent report assets of $\$ 25,000$ or less. From thereon, net assets decline steadily as income rises, reaching 62.5 percent at the $\$ 30,000$ to $\$ 40,000$ income level and declining to a low of 52.7 percent among those few recipients with incomes of $\$ 40,000$ or more.

Independents Have Much Lower Net Assets Than Dependents. While 72.9 percent of dependents have net assets of $\$ 25,000$ or less, nearly all ( 97.6 percent) independents do. Fifty-two percent of dependents have net assets of $\$ 7,500$ or less, compared to 92.9 percent of independents. Figure 12 shows the
distribution of net assets by dependency status. Average net assets (not in these tables) are $\$ 17,504$ for dependents, $\$ 2,046$ for independents, and $\$ 8,388$ for all recipients.


Figure 12: Distribution of Net Assets by Dependency Status

Pell Grants Targeted to Low Income and Low Asset Groups. In 1989-90, 33.1 percent of all Pell Grants recipients report net assets of $\$ 7,500$ or less and incomes of $\$ 6,000$ or less. This is about a 2 percent decline from last year. Many more independents ( 48.1 percent) than dependents ( 11.5 percent) are in this group. Expanding the ranges to $\$ 25,000$ for assets and $\$ 9,000$ for income increases this group to 49.5 percent ( 68.1 percent of independents and 22.5 percent of dependents).

As expected, few high asset, high income students receive Pell Grants. Only 8.0 percent of recipients ( 1.3 percent of independents and 17.6 percent of dependents) report assets greater than $\$ 25,000$ and income greater than $\$ 15,000$.

TABLE 9-A
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY FAMILY INCOME AND NET ASSET LEVEL ALL RECIPIENTS - AWARD YEAR 1989-90

NET ASSET LEVEL

| FAMILY INCOME | \$0 | $\begin{gathered} \$ 1- \\ 7,500 \end{gathered}$ | $\begin{gathered} \$ 7,501- \\ 15,000 \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 25,000 \end{gathered}$ | $\begin{gathered} \$ 25,001 \\ 35,000 \end{gathered}$ | $\begin{array}{r} \$ 35,001- \\ 50,000 \end{array}$ | $\begin{gathered} \$ 50,001- \\ 75,000 \end{gathered}$ | $\begin{aligned} & \$ 75,001- \\ & \$ 100,000 \end{aligned}$ | \$100,000+ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LESS THAN \$1,001 | 147,725 | 50,357 | 3,917 | 3,309 | 2,372 | 2,621 | 2,736 | 1,702 | 4,274 | 219,013 |
| R\% | 67.45 | 22.99 | 1.79 | 1.51 | 1.08 | 1.20 | 1.25 | 0.78 | 1.95 | 100.00 |
| C\% | 10.31 | 4.60 | 2.07 | 1.76 | 1.70 | 2.08 | 3.10 | 5.25 | 14.10 | 6.59 |
| \$1,001 - 3,000 | 206,668 | 85,030 | 6,392 | 4,347 | 2,514 | 2,190 | 1,782 | 852 | 1,483 | 311,258 |
| R\% | 66.40 | 27.32 | 2.05 | 1.40 | 0.81 | 0.70 | 0.57 | 0.27 | 0.48 | 100.00 |
| C\% | 14.42 | 7.76 | 3.38 | 2.31 | 1.80 | 1.74 | 2.02 | 2.63 | 4.89 | 9.37 |
| \$3,001 - 6,000 | 403,225 | 207,080 | 15,598 | 11,500 | 7,106 | 5,860 | 4,347 | 2,005 | 2,718 | 659,439 |
| R\% | 61.15 | 31.40 | 2.37 | 1.74 | 1.08 | 0.89 | 0.66 | 0.30 | 0.41 | 100.00 |
| C\% | 28.14 | 18.90 | 8.24 | 6.12 | 5.09 | 4.64 | 4.93 | 6.19 | 8.97 | 19.85 |
| \$6,001 - 9,000 | 266,468 | 197,720 | 18,258 | 15,346 | 9,814 | 8,526 | 6,574 | 2,894 | 3,309 | 528,909 |
| R\% | 50.38 | 37.38 | 3.45 | 2.90 | 1.86 | 1.61 | 1.24 | 0.55 | 0.63 | 100.00 |
| C\% | 18.60 | 18.05 | 9.65 | 8.17 | 7.03 | 6.76 | 7.45 | 8.93 | 10.92 | 15.92 |
| \$9,001 - 15,000 | 224,095 | 205,893 | 36,320 | 33,499 | 23,967 | 22,147 | 17,287 | 6,677 | 6,402 | 576,287 |
| $\mathrm{R} \%$ | 38.89 | 35.73 | 6.30 | 5.81 | 4.16 | 3.84 | 3.00 | 1.16 | 1.11 | 100.00 |
| C\% | 15.64 | 18.80 | 19.19 | 17.83 | 17.17 | 17.55 | 19.59 | 20.60 | 21.12 | 17.35 |
| \$15,001 - 20,000 | 89,925 | 133,701 | 31,766 | 31,814 | 23,346 | 21,956 | 15,201 | 5,262 | 4,258 | 357,229 |
| R\% | 25.17 | 37.43 | 8.89 | 8.91 | 6.54 | 6.15 | 4.26 | 1.47 | 1.19 | 100.00 |
| C\% | 6.28 | 12.21 | 16.79 | 16.93 | 16.72 | 17.40 | 17.22 | 16.24 | 14.05 | 10.75 |
| \$20,001 - 30,000 | 78,748 | 169,189 | 53,159 | 56,811 | 43,214 | 37,364 | 23,117 | 8,047 | 5,275 | 474,924 |
| R\% | 16.58 | 35.62 | 11.19 | 11.96 | 9.10 | 7.87 | 4.87 | 1.69 | 1.11 | 100.00 |
| C\% | 5.50 | 15.45 | 28.09 | 30.23 | 30.95 | 29.61 | 26.19 | 24.83 | 17.40 | 14.30 |
| \$30,001 - 40,000 | 13,700 | 38,348 | 18,440 | 23,210 | 19,907 | 18,208 | 12,447 | 3,633 | 2,010 | 149,903 |
| R\% | 9.14 | 25.58 | 12.30 | 15.48 | 13.28 | 12.15 | 8.30 | 2.42 | 1.34 | 100.00 |
| C\% | 0.96 | 3.50 | 9.74 | 12.35 | 14.26 | 14.43 | 14.10 | 11.21 | 6.63 | 4.51 |
| \$40,001 + | 2,295 | 8,063 | 5,383 | 8,079 | 7,381 | 7,301 | 4,763 | 1,338 | 586 | 45,189 |
| $\mathrm{R} \%$ | 5.08 | 17.84 | 11.91 | 17.88 | 16.33 | 16.16 | 10.54 | 2.96 | 1.30 | 100.00 |
| C\% | 0.16 | 0.74 | 2.84 | 4.30 | 5.29 | 5.79 | 5.40 | 4.13 | 1.93 | 1.36 |
| TOTAL | 1,432,849 | 1,095,381 | 189,233 | 187,915 | 139,621 | 126,173 | 88,254 | 32,410 | 30,315 | 3,322,151 |
| R\% | 43.13 | 32.97 | 5.70 | 5.66 | 4.20 | 3.80 | 2.66 | 0.98 | 0.91 | 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
BY FAMILY INCOME AND NET ASSET LEVEL
DEPENDENT RECIPIENTS - AWARD YEAR 1989-90

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 | 13,228 | 5,472 | 2,053 | 2,122 | 1,773 | 2,086 | 2,309 | 1,554 | 4,051 | 34,648 |
| R\% | 38.18 | 15.79 | 5.93 | 6.12 | 5.12 | 6.02 | 6.66 | 4.49 | 11.69 | 100.00 |
| C\% | 3.45 | 1.68 | 1.52 | 1.41 | 1.49 | 1.87 | 2.88 | 5.17 | 14.26 | 2.54 |
| \$1,001 - 3,000 | 31,339 | 7,649 | 3,855 | 2,992 | 1,836 | 1,668 | 1,455 | 744 | 1,359 | 52,897 |
| R\% | 59.25 | 14.46 | 7.29 | 5.66 | 3.47 | 3.15 | 2.75 | 1.41 | 2.57 | 100.00 |
| C\% | 8.17 | 2.35 | 2.85 | 1.99 | 1.54 | 1.50 | 1.82 | 2.48 | 4.78 | 3.88 |
| \$3,001 - 6,000 | 78,386 | 21,213 | 10,352 | 8,489 | 5,507 | 4,733 | 3,672 | 1,773 | 2,507 | 136,632 |
| R\% | 57.37 | 15.53 | 7.58 | 6.21 | 4.03 | 3.46 | 2.69 | 1.30 | 1.83 | 100.00 |
| C\% | 20.42 | 6.53 | 7.66 | 5.65 | 4.63 | 4.25 | 4.59 | 5.90 | 8.83 | 10.02 |
| \$6,001 - 9,000 | 66,848 | 29,510 | 12,342 | 11,468 | 7,797 | 7,034 | 5,603 | 2,569 | 3,014 | 146,185 |
| R\% | 45.73 | 20.19 | 8.44 | 7.84 | 5.33 | 4.81 | 3.83 | 1.76 | 2.06 | 100.00 |
| C\% | 17.42 | 9.08 | 9.14 | 7.64 | 6.55 | 6.31 | 7.00 | 8.55 | 10.61 | 10.72 |
| \$9,001 - 15,000 | 88,607 | 70,146 | 25,581 | 26,166 | 19,896 | 19,078 | 15,402 | 6,113 | 5,971 | 276,960 |
| R\% | 31.99 | 25.33 | 9.24 | 9.45 | 7.18 | 6.89 | 5.56 | 2.21 | 2.16 | 100.00 |
| C\% | 23.09 | 21.58 | 18.94 | 17.42 | 16.71 | 17.13 | 19.23 | 20.35 | 21.02 | 20.32 |
| \$15,001 - 20,000 | 46,148 | 63,813 | 22,713 | 25,398 | 19,946 | 19,355 | 13,809 | 4,908 | 3,992 | 220,082 |
| R\% | 20.97 | 29.00 | 10.32 | 11.54 | 9.06 | 8.79 | 6.27 | 2.23 | 1.81 | 100.00 |
| C\% | 12.02 | 19.63 | 16.81 | 16.91 | 16.75 | 17.38 | 17.24 | 16.34 | 14.06 | 16.15 |
| \$20,001 - 30,000 | 46,888 | 92,518 | 38,242 | 45,818 | 37,234 | 33,442 | 21,449 | 7,598 | 5,019 | 328,208 |
| R\% | 14.29 | 28.19 | 11.65 | 13.96 | 11.34 | 10.19 | 6.54 | 2.31 | 1.53 | 100.00 |
| C\% | 12.22 | 28.46 | 28.31 | 30.51 | 31.28 | 30.02 | 26.79 | 25.30 | 17.67 | 24.08 |
| \$30,001 - 40,000 | 10,287 | 27,491 | 14,993 | 20,142 | 18,084 | 17,020 | 11,803 | 3,485 | 1,914 | 125,219 |
| R\% | 8.22 | 21.95 | 11.97 | 16.09 | 14.44 | 13.59 | 9.43 | 2.78 | 1.53 | 100.00 |
| C\% | 2.68 | 8.46 | 11.10 | 13.41 | 15.19 | 15.28 | 14.74 | 11.60 | 6.74 | 9.19 |
| \$40,001 + | 2,068 | 7,222 | 4,961 | 7,572 | 6,973 | 6,975 | 4,574 | 1,291 | 575 | 42,211 |
| R\% | 4.90 | 17.11 | 11.75 | 17.94 | 16.52 | 16.52 | 10.84 | 3.06 | 1.36 | 100.00 |
| C\% | 0.54 | 2.22 | 3.67 | 5.04 | 5.86 | 6.26 | 5.71 | 4.30 | 2.02 | 3.10 |
| TOTAL | 383,799 | 325,034 | 135,092 | 150,167 | 119,046 | 111,391 | 80,076 | 30,035 | 28,402 | 1,363,042 |
| R\% | 28.16 | 23.85 | 9.91 | 11.02 | 8.73 | 8.17 | 5.87 | 2.20 | 2.08 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 9-C

## DISTRIBUTION OF PELL GRANT RECIPIENTS <br> BY FAMILY INCOME AND NET ASSET LEVEL INDEPENDENT RECIPIENTS - AWARD YEAR 1989-90

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 | 134,497 | 44,885 | 1,864 | 1,187 | 599 | 535 | 427 | 148 | 223 | 184,365 |
| R\% | 72.95 | 24.35 | 1.01 | 0.64 | 0.32 | 0.29 | 0.23 | 0.08 | 0.12 | 100.00 |
| C\% | 12.82 | 5.83 | 3.44 | 3.14 | 2.91 | 3.62 | 5.22 | 6.23 | 11.66 | 9.41 |
| \$1,001 - 3,000 | 175,329 | 77,381 | 2,537 | 1,355 | 678 | 522 | 327 | 108 | 124 | 258,361 |
| R\% | 67.86 | 29.95 | 0.98 | 0.52 | 0.26 | 0.20 | 0.13 | 0.04 | 0.05 | 100.00 |
| C\% | 16.71 | 10.04 | 4.69 | 3.59 | 3.30 | 3.53 | 4.00 | 4.55 | 6.48 | 13.19 |
| \$3,001 - 6,000 | 324,839 | 185,867 | 5,246 | 3,011 | 1,599 | 1,127 | 675 | 232 | 211 | 522,807 |
| R\% | 62.13 | 35.55 | 1.00 | 0.58 | 0.31 | 0.22 | 0.13 | 0.04 | 0.04 | 100.00 |
| C\% | 30.97 | 24.13 | 9.69 | 7.98 | 7.77 | 7.62 | 8.25 | 9.77 | 11.03 | 26.69 |
| \$6,001 - 9,000 | 199,620 | 168,210 | 5,916 | 3,878 | 2,017 | 1,492 | 971 | 325 | 295 | 382,724 |
| R\% | 52.16 | 43.95 | 1.55 | 1.01 | 0.53 | 0.39 | 0.25 | 0.08 | 0.08 | 100.00 |
| C\% | 19.03 | 21.84 | 10.93 | 10.27 | 9.80 | 10.09 | 11.87 | 13.68 | 15.42 | 19.54 |
| \$9,001 - 15,000 | 135,488 | 135,747 | 10,739 | 7,333 | 4,071 | 3,069 | 1,885 | 564 | 431 | 299,327 |
| R\% | 45.26 | 45.35 | 3.59 | 2.45 | 1.36 | 1.03 | 0.63 | 0.19 | 0.14 | 100.00 |
| C\% | 12.92 | 17.62 | 19.84 | 19.43 | 19.79 | 20.76 | 23.05 | 23.75 | 22.53 | 15.28 |
| \$15,001 - 20,000 | 43,777 | 69,888 | 9,053 | 6,416 | 3,400 | 2,601 | 1,392 | 354 | 266 | 137,147 |
| R\% | 31.92 | 50.96 | 6.60 | 4.68 | 2.48 | 1.90 | 1.01 | 0.26 | 0.19 | 100.00 |
| C\% | 4.17 | 9.07 | 16.72 | 17.00 | 16.52 | 17.60 | 17.02 | 14.91 | 13.90 | 7.00 |
| \$20,001 - 30,000 | 31,860 | 76,671 | 14,917 | 10,993 | 5,980 | 3,922 | 1,668 | 449 | 256 | 146,716 |
| R\% | 21.72 | 52.26 | 10.17 | 7.49 | 4.08 | 2.67 | 1.14 | 0.31 | 0.17 | 100.00 |
| C\% | 3.04 | 9.95 | 27.55 | 29.12 | 29.06 | 26.53 | 20.40 | 18.91 | 13.38 | 7.49 |
| \$30,001 - 40,000 | 3,413 | 10,857 | 3,447 | 3,068 | 1,823 | 1,188 | 644 | 148 | 96 | 24,684 |
| R\% | 13.83 | 43.98 | 13.96 | 12.43 | 7.39 | 4.81 | 2.61 | 0.60 | 0.39 | 100.00 |
| C\% | 0.33 | 1.41 | 6.37 | 8.13 | 8.86 | 8.04 | 7.87 | 6.23 | 5.02 | 1.26 |
| \$40,001 + | 227 | 841 | 422 | 507 | 408 | 326 | 189 | 47 | 11 | 2,978 |
| R\% | 7.62 | 28.24 | 14.17 | 17.02 | 13.70 | 10.95 | 6.35 | 1.58 | 0.37 | 100.00 |
| C\% | 0.02 | 0.11 | 0.78 | 1.34 | 1.98 | 2.21 | 2.31 | 1.98 | 0.58 | 0.15 |
| TOTAL | 1,049,050 | 770,347 | 54,141 | 37,748 | 20,575 | 14,782 | 8,178 | 2,375 | 1,913 | 1,959,109 |
| R\% | 53.55 | 39.32 | 2.76 | 1.93 | 1.05 | 0.75 | 0.42 | 0.12 | 0.10 | 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 1989-90

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

Tables 10A, 10B, and 10C, show the distribution of Pell Grant recipients by age and family income. Table 10A displays the distribution for all recipients, while Tables 10B and 10 C provide the same data for dependents and independents.

As has been the case since 1987-88, students over the age of 24 years and older are automatically considered independent for Pell Grant award purposes. However, students who are less than 24 years old also may be independent if they meet certain criteria. The law provides for dependency status overrides in some circumstances.

Aging of Pell Recipients Continues, But At Moderate Pace. The majority of Pell Grant recipients continue to be traditional age students. The data indicate that the recent trend towards an increasingly older population of Pell Grant recipients continues at a much more moderate pace than in past cycles. Table 10A shows that 56.3 percent of all recipients are 23 years or younger and 31.3 percent are 27 years or older in 1989-90. This is a slight
increase over 1988-89 when 56.9 percent of all recipients were 23 years or younger and 30.5 percent were 27 years or older. Almost all of the increase in the older ranges occurred in the 31-40 and over 40 age group. In 198889 , this group represented only 19.8 percent of the total recipient population this percentage increased to 20.6 percent in 1989-90.

Younger, Mostly Dependent Recipients Have Higher Family Incomes. The relationship between age and family income that is illustrated in Table 10A closely reflects the


Figure 13: Total Recipients by Age and Family Income
relationship between family income and group report income less than $\$ 9,000$ as dependency status. As illustrated in Figure 13, recipients in the younger age groups, most of whom are dependent and report their parent's income, had relatively higher family incomes. For example, 64.9 percent of the over 24 compared to only 38.6 percent of the younger group. Similarly, 27.1 percent of the 23 years and younger group report family income greater than $\$ 20,000$, whereas only 11.2 percent of the older recipients report incomes in this range.

TABLE 10-A
DISTRIBUTION OF PELL GRANT RECIPIENTS BY AGE AND FAMILY INCOME
ALL RECIPIENTS - AWARD YEAR 1989-90

FAMILY INCOME

| AGE |  | $\begin{aligned} & \text { LESS THAN } \\ & \$ 1,001 \end{aligned}$ | $\begin{gathered} \$ 1,001- \\ 3,000 \end{gathered}$ | $\begin{array}{r} \$ 3,001- \\ 6,000 \end{array}$ | $\begin{gathered} \$ 6,001- \\ 9,000 \end{gathered}$ | $\begin{gathered} \$ 9,001- \\ 15,000 \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 20,000 \end{gathered}$ | $\begin{gathered} \$ 20,001- \\ 30,000 \end{gathered}$ | $\begin{gathered} \$ 30,001- \\ 40,000 \end{gathered}$ | \$40,001+ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UNDER 17 |  | 307 | 664 | 1,315 | 878 | 1,107 | 469 | 607 | 171 | 61 | 5,579 |
|  | R\% | 5.5 | 11.9 | 23.6 | 15.7 | 19.8 | 8.4 | 10.9 | 3.1 | 1.1 | 100.0 |
|  | C\% | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 |
| 17 |  | 1,524 | 2,916 | 5,315 | 3,852 | 5,238 | 3,262 | 3,963 | 1,226 | 353 | 27,649 |
|  | R\% | 5.5 | 10.5 | 19.2 | 13.9 | 18.9 | 11.8 | 14.3 | 4.4 | 1.3 | 100.0 |
|  | C\% | 0.7 | 0.9 | 0.8 | 0.7 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 |
| 18 R |  | 11,835 | 18,080 | 36,688 | 34,729 | 64,618 | 52,964 | 84,799 | 31,646 | 9,827 | 345,186 |
|  | R\% | 3.4 | 5.2 | 10.6 | 10.1 | 18.7 | 15.3 | 24.6 | 9.2 | 2.8 | 100.0 |
|  | C\% | 5.4 | 5.8 | 5.6 | 6.6 | 11.2 | 14.8 | 17.9 | 21.1 | 21.7 | 10.4 |
| $19 \begin{aligned} & \text { R } \\ & \\ & \\ & C\end{aligned}$ |  | 16,587 | 27,783 | 55,003 | 46,685 | 79,247 | 62,190 | 93,726 | 33,616 | 10,585 | 425,422 |
|  | R\% | 3.9 | 6.5 | 12.9 | 11.0 | 18.6 | 14.6 | 22.0 | 7.9 | 2.5 | 100.0 |
|  | C\% | 7.6 | 8.9 | 8.3 | 8.8 | 13.8 | 17.4 | 19.7 | 22.4 | 23.4 | 12.8 |
| 20 |  | 15,075 | 26,053 | 55,518 | 46,254 | 65,091 | 46,476 | 65,534 | 25,309 | 8,960 | 354,270 |
|  | R\% | 4.3 | 7.4 | 15.7 | 13.1 | 18.4 | 13.1 | 18.5 | 7.1 | 2.5 | 100.0 |
|  | C\% | 6.9 | 8.4 | 8.4 | 8.7 | 11.3 | 13.0 | 13.8 | 16.9 | 19.8 | 10.7 |
| 21 R |  | 13,581 | 23,370 | 55,895 | 47,649 | 55,101 | 35,102 | 48,241 | 19,561 | 7,265 | 305,765 |
|  | R\% | 4.4 | 7.6 | 18.3 | 15.6 | 18.0 | 11.5 | 15.8 | 6.4 | 2.4 | 100.0 |
|  | C\% | 6.2 | 7.5 | 8.5 | 9.0 | 9.6 | 9.8 | 10.2 | 13.0 | 16.1 | 9.2 |
| 22 |  | 11,181 | 20,924 | 52,818 | 44,787 | 42,012 | 22,912 | 28,064 | 10,140 | 3,749 | 236,587 |
|  | R\% | 4.7 | 8.8 | 22.3 | 18.9 | 17.8 | 9.7 | 11.9 | 4.3 | 1.6 | 100.0 |
|  | C\% | 5.1 | 6.7 | 8.0 | 8.5 | 7.3 | 6.4 | 5.9 | 6.8 | 8.3 | 7.1 |
| $23 \begin{aligned} & \text { R } \\ & \\ & \\ & \mathrm{C}\end{aligned}$ |  | 8,827 | 17,060 | 44,418 | 37,077 | 30,171 | 13,724 | 14,562 | 4,002 | 1,399 | 171,240 |
|  | R\% | 5.2 | 10.0 | 25.9 | 21.7 | 17.6 | 8.0 | 8.5 | 2.3 | 0.8 | 100.0 |
|  | C\% | 4.0 | 5.5 | 6.7 | 7.0 | 5.2 | 3.8 | 3.1 | 2.7 | 3.1 | 5.2 |
| 24 |  | 19,224 | 26,520 | 47,830 | 33,942 | 19,078 | 6,736 | 5,959 | 447 | 12 | 159,748 |
|  | R\% | 12 | 17 | 30 | 21 | 12 | 4 | 4 | 0 | 0 | 100 |
|  | C\% | 8.8 | 8.5 | 7.3 | 6.4 | 3.3 | 1.9 | 1.3 | 0.3 | 0.0 | 4.8 |
| 25 |  | 14,959 | 20,817 | 38,522 | 28,461 | 17,908 | 7,436 | 7,154 | 613 | 19 | 135,889 |
|  | R\% | 11 | 15 | 28 | 21 | 13 | 5 | 5 | 0 | 0 | 100 |
|  | C\% | 6.8 | 6.7 | 5.8 | 5.4 | 3.1 | 2.1 | 1.5 | 0.4 | 0.0 | 4.1 |
| 26 |  | 11,735 | 16,249 | 30,858 | 22,951 | 16,517 | 7,474 | 7,817 | 740 | 18 | 114,359 |
|  | R\% | 10 | 14 | 27 | 20 | 14 | 7 | 7 | 1 | 0 | 100 |
|  | C\% | 5.4 | 5.2 | 4.7 | 4.3 | 2.9 | 2.1 | 1.6 | 0.5 | 0.0 | 3.4 |
| $27 \begin{aligned} & \text { R } \\ & \\ & \\ & \\ & C\end{aligned}$ |  | 9,943 | 13,137 | 25,874 | 19,464 | 15,523 | 7,632 | 8,494 | 942 | 33 | 101,042 |
|  | R\% | 10 | 13 | 26 | 19 | 15 | 8 | 8 | 1 | 0 | 100 |
|  | C\% | 4.5 | 4.2 | 3.9 | 3.7 | 2.7 | 2.1 | 1.8 | 0.6 | 0.1 | 3.0 |
| 28 R |  | 8,425 | 11,060 | 22,416 | 17,074 | 14,489 | 7,556 | 8,746 | 1,111 | 29 | 90,906 |
|  | R\% | 9 | 12 | 25 | 19 | 16 | 8 | 10 | 1 | 0 | 100 |
|  | C\% | 3.8 | 3.6 | 3.4 | 3.2 | 2.5 | 2.1 | 1.8 | 0.7 | 0.1 | 2.7 |
| 29 R |  | 7,702 | 9,507 | 20,314 | 15,447 | 13,814 | 7,398 | 8,718 | 1,188 | 41 | 84,129 |
|  | R\% | 9 | 11 | 24 | 18 | 16 | 9 | 10 | 1 | 0 | 100 |
|  | C\% | 3.5 | 3.1 | 3.1 | 2.9 | 2.4 | 2.1 | 1.8 | 0.8 | 0.1 | 2.5 |
| $30 \begin{aligned} & \\ & \\ & \\ & \\ & \\ & \\ & \mathrm{R} \\ & \mathrm{C}\end{aligned}$ |  | 7,025 | 8,532 | 18,333 | 13,930 | 13,163 | 7,111 | 8,495 | 1,237 | 44 | 77,870 |
|  | R\% | 9 | 11 | 24 | 18 | 17 | 9 | 11 | 2 | 0 | 100 |
|  | C\% | 3.2 | 2.7 | 2.8 | 2.6 | 2.3 | 2.0 | 1.8 | 0.8 | 0.1 | 2.3 |
| 31-40 |  | 43,450 | 48,732 | 107,431 | 85,629 | 92,492 | 51,820 | 61,900 | 12,401 | 1,159 | 505,014 |
|  | R\% | 9 | 10 | 21 | 17 | 18 | 10 | 12 | 2 | 0 | 100 |
|  | C\% | 19.8 | 15.7 | 16.3 | 16.2 | 16.0 | 14.5 | 13.0 | 8.3 | 2.6 | 15.2 |
| OVER 40 |  | 17,512 | 19,563 | 40,222 | 29,597 | 30,177 | 16,665 | 17,794 | 5,441 | 1,608 | 178,579 |
|  | R\% | 10 | 11 | 23 | 17 | 17 | 9 | 10 | 3 | 1 | 100 |
|  | C\% | 8.0 | 6.3 | 6.1 | 5.6 | 5.2 | 4.7 | 3.7 | 3.6 | 3.6 | 5.4 |
| UNKNOWN |  | 121 | 291 | 669 | 503 | 541 | 302 | 351 | 112 | 27 | 2,917 |
|  | R\% | 4.1 | 10.0 | 22.9 | 17.2 | 18.5 | 10.4 | 12.0 | 3.8 | 0.9 | 100.0 |
|  | C\% | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| TOTAL |  | 219,013 | 311,258 | 659,439 | 528,909 | 576,287 | 357,229 | 474,924 | 149,903 | 45,189 | 3,322,151 |
|  | R\% | 6.6 | 9.4 | 19.8 | 15.9 | 17.3 | 10.8 | 14.3 | 4.5 | 1.4 | 100.0 |
|  | C\% | 100.0 | 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 1989-90

FAMILY INCOME

| AGE |  | $\begin{aligned} & \text { LESS THAN } \\ & \$ 1,001 \end{aligned}$ | $\begin{gathered} \$ 1,001- \\ 3,000 \end{gathered}$ | $\begin{gathered} \$ 3,001- \\ 6,000 \end{gathered}$ | $\begin{gathered} \$ 6,001- \\ 9,000 \end{gathered}$ | $\begin{gathered} \text { \$9,001 - } \\ \text { 15,000 } \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 20,000 \end{gathered}$ | $\begin{gathered} \$ 20,001- \\ 30,000 \end{gathered}$ | $\begin{gathered} \$ 30,001- \\ 40,000 \end{gathered}$ | \$40,001+ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UNDER 17 |  | 76 | 415 | 1,079 | 820 | 1,087 | 466 | 607 | 171 | 61 | 4,782 |
|  | R\% | 1.6 | 8.7 | 22.6 | 17.1 | 22.7 | 9.7 | 12.7 | 3.6 | 1.3 | 100.0 |
|  | C\% | 0.2 | 0.8 | 0.8 | 0.6 | 0.4 | 0.2 | 0.2 | 0.1 | 0.1 | 0.4 |
| 17 |  | 433 | 1,569 | 3,970 | 3,509 | 5,097 | 3,242 | 3,952 | 1,226 | 353 | 23,351 |
|  | R\% | 1.9 | 6.7 | 17.0 | 15.0 | 21.8 | 13.9 | 16.9 | 5.3 | 1.5 | 100.0 |
|  | C\% | 1.2 | 3.0 | 2.9 | 2.4 | 1.8 | 1.5 | 1.2 | 1.0 | 0.8 | 1.7 |
| 18 R |  | 5,968 | 10,265 | 27,776 | 31,861 | 63,483 | 52,734 | 84,726 | 31,641 | 9,827 | 318,281 |
|  | R\% | 1.9 | 3.2 | 8.7 | 10.0 | 19.9 | 16.6 | 26.6 | 9.9 | 3.1 | 100.0 |
|  | C\% | 17.2 | 19.4 | 20.3 | 21.8 | 22.9 | 24.0 | 25.8 | 25.3 | 23.3 | 23.4 |
| 19 |  | 8,459 | 13,105 | 34,772 | 38,465 | 75,116 | 61,382 | 93,353 | 33,609 | 10,584 | 368,845 |
|  | R\% | 2.3 | 3.6 | 9.4 | 10.4 | 20.4 | 16.6 | 25.3 | 9.1 | 2.9 | 100.0 |
|  | C\% | 24.4 | 24.8 | 25.4 | 26.3 | 27.1 | 27.9 | 28.4 | 26.8 | 25.1 | 27.1 |
| 20 |  | 7,688 | 10,775 | 27,366 | 29,541 | 56,069 | 44,436 | 64,557 | 25,275 | 8,959 | 274,666 |
|  | R\% | 2.8 | 3.9 | 10.0 | 10.8 | 20.4 | 16.2 | 23.5 | 9.2 | 3.3 | 100.0 |
|  | C\% | 22.2 | 20.4 | 20.0 | 20.2 | 20.2 | 20.2 | 19.7 | 20.2 | 21.2 | 20.2 |
| 21 R |  | 6,260 | 7,981 | 20,259 | 21,188 | 40,208 | 31,648 | 46,237 | 19,491 | 7,265 | 200,537 |
|  | R\% | 3.1 | 4.0 | 10.1 | 10.6 | 20.1 | 15.8 | 23.1 | 9.7 | 3.6 | 100.0 |
|  | C\% | 18.1 | 15.1 | 14.8 | 14.5 | 14.5 | 14.4 | 14.1 | 15.6 | 17.2 | 14.7 |
| $22 \begin{aligned} & \text { R } \\ & \\ & \text { C }\end{aligned}$ |  | 3,792 | 5,394 | 13,496 | 13,389 | 24,030 | 18,011 | 24,627 | 9,994 | 3,742 | 116,475 |
|  | R\% | 3.3 | 4.6 | 11.6 | 11.5 | 20.6 | 15.5 | 21.1 | 8.6 | 3.2 | 100.0 |
|  | C\% | 10.9 | 10.2 | 9.9 | 9.2 | 8.7 | 8.2 | 7.5 | 8.0 | 8.9 | 8.5 |
| $23 \begin{aligned} & \text { R } \\ & \\ & \text { C }\end{aligned}$ |  | 1,953 | 3,287 | 7,639 | 7,155 | 11,519 | 7,939 | 9,862 | 3,717 | 1,395 | 54,466 |
|  | R\% | 3.6 | 6.0 | 14.0 | 13.1 | 21.1 | 14.6 | 18.1 | 6.8 | 2.6 | 100.0 |
|  | C\% | 5.6 | 6.2 | 5.6 | 4.9 | 4.2 | 3.6 | 3.0 | 3.0 | 3.3 | 4.0 |
| $24 \begin{aligned} & \text { R } \\ & \\ & \\ & C\end{aligned}$ |  | 0 | 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 | 0.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25R <br>  <br>  <br>  <br> C |  | 0 | 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 | 0.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| $26 \begin{aligned} & \text { R } \\ & \\ & \\ & C\end{aligned}$ |  | 0 | 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 | 0.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| $27 \begin{aligned} & \text { R } \\ & \\ & \\ & C\end{aligned}$ |  | 0 | 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 | 0.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | R\% | 0.0 | 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 | 0.0 |
| 29 |  | 0 | 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 | 0.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| $30 \begin{aligned} & \text { R } \\ & \\ & \\ & \\ & C\end{aligned}$ |  | 0 | 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 | 0.0 |
|  | C\% | 0.0 | 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 | 0 |
|  | R\% | 0.0 | 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 | 0.0 |
| OVER 40 |  | 0 | 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 | 0.0 |
|  | C\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| UNKNOWNRC |  | 19 | 106 | 275 | 257 | 351 | 224 | 287 | 95 | 25 | 1,639 |
|  | $\mathrm{R} \%$ | 1.2 | 6.5 | 16.8 | 15.7 | 21.4 | 13.7 | 17.5 | 5.8 | 1.5 | 100.0 |
|  | C\% | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| TOTAL |  | 34,648 | 52,897 | 136,632 | 146,185 | 276,960 | 220,082 | 328,208 | 125,219 | 42,211 | 1,363,042 |
|  | R\% | 2.5 | 3.9 | 10.0 | 10.7 | 20.3 | 16.1 | 24.1 | 9.2 | 3.1 | 100.0 |
|  | C\% | 100.0 | 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 1989-90

FAMILY INCOME

| AGE |  | $\begin{aligned} & \text { LESS THAN } \\ & \$ 1,001 \end{aligned}$ | $\begin{gathered} \$ 1,001- \\ 3,000 \end{gathered}$ | $\begin{array}{r} \$ 3,001- \\ 6,000 \end{array}$ | $\begin{gathered} \$ 6,001- \\ 9,000 \end{gathered}$ | $\begin{gathered} \$ 9,001- \\ 15,000 \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 20,000 \end{gathered}$ | $\begin{gathered} \$ 20,001- \\ 30,000 \end{gathered}$ | $\begin{gathered} \$ 30,001- \\ 40,000 \end{gathered}$ | \$40,001+ | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UNDER 17 |  | 231 | 249 | 236 | 58 | 20 | 3 | 0 | 0 | 0 | 797 |
|  | R\% | 29.0 | 31.2 | 29.6 | 7.3 | 2.5 | 0.4 | 0.0 | 0.0 | 0.0 | 100.0 |
|  | C\% | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 17 |  | 1,091 | 1,347 | 1,345 | 343 | 141 | 20 | 11 | 0 | 0 | 4,298 |
|  | R\% | 25.4 | 31.3 | 31.3 | 8.0 | 3.3 | 0.5 | 0.3 | 0.0 | 0.0 | 100.0 |
|  | C\% | 0.6 | 0.5 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 |
| 18 |  | 5,867 | 7,815 | 8,912 | 2,868 | 1,135 | 230 | 73 | 5 | 0 | 26,905 |
|  | R\% | 21.8 | 29.0 | 33.1 | 10.7 | 4.2 | 0.9 | 0.3 | 0.0 | 0.0 | 100.0 |
|  | C\% | 3.2 | 3.0 | 1.7 | 0.7 | 0.4 | 0.2 | 0.0 | 0.0 | 0.0 | 1.4 |
| 19 |  | 8,128 | 14,678 | 20,231 | 8,220 | 4,131 | 808 | 373 | 7 | 1 | 56,577 |
|  | R\% | 14.4 | 25.9 | 35.8 | 14.5 | 7.3 | 1.4 | 0.7 | 0.0 | 0.0 | 100.0 |
|  | C\% | 4.4 | 5.7 | 3.9 | 2.1 | 1.4 | 0.6 | 0.3 | 0.0 | 0.0 | 2.9 |
| 20 |  | 7,387 | 15,278 | 28,152 | 16,713 | 9,022 | 2,040 | 977 | 34 | 1 | 79,604 |
|  | R\% | 9.3 | 19.2 | 35.4 | 21.0 | 11.3 | 2.6 | 1.2 | 0.0 | 0.0 | 100.0 |
|  | C\% | 4.0 | 5.9 | 5.4 | 4.4 | 3.0 | 1.5 | 0.7 | 0.1 | 0.0 | 4.1 |
| 21 |  | 7,321 | 15,389 | 35,636 | 26,461 | 14,893 | 3,454 | 2,004 | 70 | 0 | 105,228 |
|  | R\% | 7.0 | 14.6 | 33.9 | 25.1 | 14.2 | 3.3 | 1.9 | 0.1 | 0.0 | 100.0 |
|  | C\% | 4.0 | 6.0 | 6.8 | 6.9 | 5.0 | 2.5 | 1.4 | 0.3 | 0.0 | 5.4 |
| 22 |  | 7,389 | 15,530 | 39,322 | 31,398 | 17,982 | 4,901 | 3,437 | 146 | 7 | 120,112 |
|  | R\% | 6.2 | 12.9 | 32.7 | 26.1 | 15.0 | 4.1 | 2.9 | 0.1 | 0.0 | 100.0 |
|  | C\% | 4.0 | 6.0 | 7.5 | 8.2 | 6.0 | 3.6 | 2.3 | 0.6 | 0.2 | 6.1 |
| 23 |  | 6,874 | 13,773 | 36,779 | 29,922 | 18,652 | 5,785 | 4,700 | 285 | 4 | 116,774 |
|  | R\% | 5.9 | 11.8 | 31.5 | 25.6 | 16.0 | 5.0 | 4.0 | 0.2 | 0.0 | 100.0 |
|  | C\% | 3.7 | 5.3 | 7.0 | 7.8 | 6.2 | 4.2 | 3.2 | 1.2 | 0.1 | 6.0 |
| 24 |  | 19,224 | 26,520 | 47,830 | 33,942 | 19,078 | 6,736 | 5,959 | 447 | 12 | 159,748 |
|  | R\% | 12.0 | 16.6 | 29.9 | 21.2 | 11.9 | 4.2 | 3.7 | 0.3 | 0.0 | 100.0 |
|  | C\% | 10.4 | 10.3 | 9.1 | 8.9 | 6.4 | 4.9 | 4.1 | 1.8 | 0.4 | 8.2 |
| 25 |  | 14,959 | 20,817 | 38,522 | 28,461 | 17,908 | 7,436 | 7,154 | 613 | 19 | 135,889 |
|  | R\% | 11.0 | 15.3 | 28.3 | 20.9 | 13.2 | 5.5 | 5.3 | 0.5 | 0.0 | 100.0 |
|  | C\% | 8.1 | 8.1 | 7.4 | 7.4 | 6.0 | 5.4 | 4.9 | 2.5 | 0.6 | 6.9 |
| 26 |  | 11,735 | 16,249 | 30,858 | 22,951 | 16,517 | 7,474 | 7,817 | 740 | 18 | 114,359 |
|  | R\% | 10.3 | 14.2 | 27.0 | 20.1 | 14.4 | 6.5 | 6.8 | 0.6 | 0.0 | 100.0 |
|  | C\% | 6.4 | 6.3 | 5.9 | 6.0 | 5.5 | 5.4 | 5.3 | 3.0 | 0.6 | 5.8 |
| 27 |  | 9,943 | 13,137 | 25,874 | 19,464 | 15,523 | 7,632 | 8,494 | 942 | 33 | 101,042 |
|  | R\% | 9.8 | 13.0 | 25.6 | 19.3 | 15.4 | 7.6 | 8.4 | 0.9 | 0.0 | 100.0 |
|  | C\% | 5.4 | 5.1 | 4.9 | 5.1 | 5.2 | 5.6 | 5.8 | 3.8 | 1.1 | 5.2 |
| 28 |  | 8,425 | 11,060 | 22,416 | 17,074 | 14,489 | 7,556 | 8,746 | 1,111 | 29 | 90,906 |
|  | R\% | 9.3 | 12.2 | 24.7 | 18.8 | 15.9 | 8.3 | 9.6 | 1.2 | 0.0 | 100.0 |
|  | C\% | 4.6 | 4.3 | 4.3 | 4.5 | 4.8 | 5.5 | 6.0 | 4.5 | 1.0 | 4.6 |
| 29 |  | 7,702 | 9,507 | 20,314 | 15,447 | 13,814 | 7,398 | 8,718 | 1,188 | 41 | 84,129 |
|  | R\% | 9.2 | 11.3 | 24.1 | 18.4 | 16.4 | 8.8 | 10.4 | 1.4 | 0.0 | 100.0 |
|  | C\% | 4.2 | 3.7 | 3.9 | 4.0 | 4.6 | 5.4 | 5.9 | 4.8 | 1.4 | 4.3 |
| 30 |  | 7,025 | 8,532 | 18,333 | 13,930 | 13,163 | 7,111 | 8,495 | 1,237 | 44 | 77,870 |
|  | R\% | 9.0 | 11.0 | 23.5 | 17.9 | 16.9 | 9.1 | 10.9 | 1.6 | 0.1 | 100.0 |
|  | C\% | 3.8 | 3.3 | 3.5 | 3.6 | 4.4 | 5.2 | 5.8 | 5.0 | 1.5 | 4.0 |
| 31-40 |  | 43,450 | 48,732 | 107,431 | 85,629 | 92,492 | 51,820 | 61,900 | 12,401 | 1,159 | 505,014 |
|  | R\% | 8.6 | 9.6 | 21.3 | 17.0 | 18.3 | 10.3 | 12.3 | 2.5 | 0.2 | 100.0 |
|  | C\% | 23.6 | 18.9 | 20.5 | 22.4 | 30.9 | 37.8 | 42.2 | 50.2 | 38.9 | 25.8 |
| OVER 40 |  | 17,512 | 19,563 | 40,222 | 29,597 | 30,177 | 16,665 | 17,794 | 5,441 | 1,608 | 178,579 |
|  | R\% | 9.8 | 11.0 | 22.5 | 16.6 | 16.9 | 9.3 | 10.0 | 3.0 | 0.9 | 100.0 |
|  | C\% | 9.5 | 7.6 | 7.7 | 7.7 | 10.1 | 12.2 | 12.1 | 22.0 | 54.0 | 9.1 |
| UNKNOWN |  | 102 | 185 | 394 | 246 | 190 | 78 | 64 | 17 | 2 | 1,278 |
|  | R\% | 8.0 | 14.5 | 30.8 | 19.2 | 14.9 | 6.1 | 5.0 | 1.3 | 0.2 | 100.0 |
|  | C\% | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 |
| TOTAL |  | 184,365 | 258,361 | 522,807 | 382,724 | 299,327 | 137,147 | 146,716 | 24,684 | 2,978 | 1,959,109 |
|  | R\% | 9.4 | 13.2 | 26.7 | 19.5 | 15.3 | 7.0 | 7.5 | 1.3 | 0.2 | 100.0 |
|  | C\% | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

## CHAPTER 3

## MISCELLANEOUS

## Table 11

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

Award Period 1989-90

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) 1988 taxable and nontaxable income minus the amount of 1988 federal taxes paid. Dependent recipients who did not report any 1988 earnings--about 37 percent of all dependents--are not included in this table.

Most Dependent Student Earnings Are Under $\$ 4,000$. Of those dependents included in Table 11, few report a large amount of earnings. As shown in Figure 14, only 15.9 percent report earnings greater than $\$ 4,000$ in 1988, the year reported on the 1989-90 application, less than 1 percent report earnings of more than $\$ 7,500$. A large majority ( 63.5 percent) of these recipients report incomes between $\$ 1,001$ and $\$ 4,000$. Almost 21 percent (20.6) report income less than $\$ 1,000$.

Dependent Student Earnings Related to Family Income. A comparison of Table 11 with other

End-of-Year Report tables that examine the distribution of dependent recipients by family income (Table 2B) indicate that dependent recipients whose parents report relatively large incomes are more likely to report earnings than dependents whose parents report little income. For example, 72.3 percent of dependent recipients whose parents report income greater than $\$ 20,000$ report earnings in 1988 (and therefore are included in Table 11). In contrast, only 51.3 percent of dependents with family incomes of less than $\$ 9,000$ report any student earnings.


Figure 14: Distribution of Dependent Student Earnings

TABLE 11
DISTRIBUTION OF PELL GRANT RECIPIENTS by FAMILY INCOME AND DEPENDENT STUDENT EARNINGS

AWARD PERIOD 1989-90
dependent student earnings

| FAMILY INCOME: | $\begin{array}{r} \$ 1- \\ 500 \end{array}$ | $\begin{gathered} \$ 501- \\ \mathbf{1 , 0 0 0} \end{gathered}$ | $\begin{gathered} \$ 1,001- \\ 1,500 \end{gathered}$ | $\begin{gathered} \$ 1,501- \\ 2,000 \end{gathered}$ | $\begin{gathered} \$ 2,001- \\ 3,200 \end{gathered}$ | $\begin{gathered} \$ 3,201- \\ 4,000 \end{gathered}$ | $\begin{gathered} \$ 4,001- \\ 5,000 \end{gathered}$ | $\begin{array}{r} \$ 5,001- \\ 7,500 \end{array}$ | $\begin{aligned} & \$ 7,501- \\ & 10,000 \end{aligned}$ | \$10,001+ | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Less Than \$1,001.......... | 2,426 | 2,708 | 2,558 | 2,383 | 4,839 | 2,472 | 2,190 | 2,560 | 796 | 263 | 23,195 | N |
|  | 10.5\% | 11.7\% | 11.0\% | 10.3\% | 20.9\% | 10.7\% | 9.4\% | 11.0\% | 3.4\% | 1.1\% | 100.0\% | R\% |
|  | 3.2\% | 2.6\% | 2.5\% | 2.3\% | 2.2\% | 2.1\% | 2.7\% | 5.3\% | 11.9\% | 21.2\% | 2.7\% | C\% |
| \$1,001-3,000............. | 2,564 | 3,208 | 2,931 | 2,728 | 5,152 | 2,534 | 2,402 | 3,008 | 864 | 227 | 25,618 | N |
|  | 10.0\% | 12.5\% | 11.4\% | 10.6\% | 20.1\% | 9.9\% | 9.4\% | 11.7\% | 3.4\% | 0.9\% | 100.0\% | R\% |
|  | 3.4\% | 3.1\% | 2.8\% | 2.6\% | 2.3\% | 2.2\% | 3.0\% | 6.2\% | 12.9\% | 18.3\% | 3.0\% | C\% |
| \$3,001 - 6,000............. | 6,093 | 8,130 | 7,266 | 6,825 | 13,461 | 7,064 | 6,421 | 7,846 | 2,137 | 384 | 65,627 | N |
|  | 9.3\% | 12.4\% | 11.1\% | 10.4\% | 20.5\% | 10.8\% | 9.8\% | 12.0\% | 3.3\% | 0.6\% | 100.0\% | R\% |
|  | 8.1\% | 8.0\% | 7.0\% | 6.6\% | 6.0\% | 6.1\% | 8.0\% | 16.1\% | 31.9\% | 30.9\% | 7.6\% | C\% |
| \$6,001- 9,000............. | 6,634 | 9,276 | 8,685 | 8,007 | 16,240 | 8,553 | 7,662 | 8,844 | 1,558 | 216 | 75,675 | N |
|  | 8.8\% | 12.3\% | 11.5\% | 10.6\% | 21.5\% | 11.3\% | 10.1\% | 11.7\% | 2.1\% | 0.3\% | 100.0\% | R\% |
|  | 8.8\% | 9.1\% | 8.4\% | 7.8\% | 7.3\% | 7.4\% | 9.6\% | 18.1\% | 23.3\% | 17.4\% | 8.8\% | C\% |
| \$9,001 - 15,000............ | 14,267 | 19,806 | 19,213 | 18,570 | 38,832 | 20,855 | 17,487 | 14,327 | 1,195 | 137 | 164,689 | N |
|  | 8.7\% | 12.0\% | 11.7\% | 11.3\% | 23.6\% | 12.7\% | 10.6\% | 8.7\% | 0.7\% | 0.1\% | 100.0\% | R\% |
|  | 19.0\% | 19.4\% | 18.5\% | 18.0\% | 17.4\% | 18.0\% | 21.9\% | 29.4\% | 17.8\% | 11.0\% | 19.2\% | C\% |
| \$15,001 - 20,000........... | 12,222 | 16,953 | 17,454 | 17,473 | 38,308 | 20,552 | 15,994 | 6,938 | 123 | 10 | 146,027 | N |
|  | 8.4\% | 11.6\% | 12.0\% | 12.0\% | 26.2\% | 14.1\% | 11.0\% | 4.8\% | 0.1\% | 0.0\% | 100.0\% | R\% |
|  | 16.3\% | 16.6\% | 16.8\% | 17.0\% | 17.2\% | 17.7\% | 20.0\% | 14.2\% | 1.8\% | 0.8\% | 17.0\% | C\% |
| \$20,001 - 30,000........... | 19,995 | 27,288 | 28,976 | 29,574 | 66,046 | 34,215 | 19,993 | 4,507 | 19 | 3 | 230,616 | N |
|  | 8.7\% | 11.8\% | 12.6\% | 12.8\% | 28.6\% | 14.8\% | 8.7\% | 2.0\% | 0.0\% | 0.0\% | 100.0\% | R\% |
|  | 26.6\% | 26.7\% | 27.9\% | 28.7\% | 29.7\% | 29.5\% | 25.0\% | 9.2\% | 0.3\% | 0.2\% | 26.8\% | C\% |
| \$30,001 - 40,000........... | 8,117 | 10,997 | 12,198 | 12,786 | 28,705 | 14,520 | 6,486 | 671 | 5 | 2 | 94,487 | N |
|  | 8.6\% | 11.6\% | 12.9\% | 13.5\% | 30.4\% | 15.4\% | 6.9\% | 0.7\% | 0.0\% | 0.0\% | 100.0\% | R\% |
|  | 10.8\% | 10.8\% | 11.8\% | 12.4\% | 12.9\% | 12.5\% | 8.1\% | 1.4\% | 0.1\% | 0.2\% | 11.0\% | C\% |
| \$40,001 + ..................... | 2,728 | 3,898 | 4,421 | 4,723 | 11,116 | 5,216 | 1,298 | 59 | 3 | 0 | 33,462 | N |
|  | 8.2\% | 11.6\% | 13.2\% | 14.1\% | 33.2\% | 15.6\% | 3.9\% | 0.2\% | 0.0\% | 0.0\% | 100.0\% | R\% |
|  | 3.6\% | 3.8\% | 4.3\% | 4.6\% | 5.0\% | 4.5\% | 1.6\% | 0.1\% | 0.0\% | 0.0\% | 3.9\% | C\% |
| Total............................ | 75,046 | 102,264 | 103,702 | 103,069 | 222,699 | 115,981 | 79,933 | 48,760 | 6,700 | 1,242 | 859,396 | N |
|  | 8.7\% | 11.9\% | 12.1\% | 12.0\% | 25.9\% | 13.5\% | 9.3\% | 5.7\% | 0.8\% | 0.1\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

Table 12

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

Award Period 1989-90

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

In 1989-90, less than one percent of the total applicant pool report receiving Veteran's benefits on their application. Of those who do receive these benefits, 72.2 percent claim to be independent of their parents' support. Figure 15 depicts the number of applicants, qualified or eligible applicants and recipients reporting Veteran's benefits by dependency status.


Figure 15: Reports of Veteran's Benefits by Dependency Status

Veterans Qualify At Higher Rate But Their Numbers Are Down. Table 12 shows that applicants who report Veteran's benefits
qualify for a Pell Grant at a slightly higher rate than the total applicant pool. In 1989-90, 66.2 percent of those applicants reporting Veteran's benefits were eligible for a Pell Grant in comparison to 64.1 percent of the total applicants shown in Table 1. The reader should note that this is a decrease from 198889, when over 69 percent of applicants reporting Veteran's benefits were eligible to receive a grant.

Of those eligible for a Pell Grant, applicants who report receiving Veteran's benefits are also more likely to receive a Pell Grant. Seventy-nine percent of eligible applicants receiving Veteran's benefits also receive a Pell Grant in comparison to 76.4 percent of all eligible applicants. This may be explained by the fact that independents, who make up most recipients with Veteran's benefits, qualify for Pell Grants at a much higher rate than dependents, as shown in earlier tables. Approximately 71.7 percent of independents in this category are eligible to receive a grant versus 52.1 percent of dependents receiving Veteran's benefits.

The average grant for recipients reporting Veteran's benefits ( $\$ 1,442$ ) is about equal to that of the total recipient pool $(\$ 1,438)$. However, due to the decrease in eligible
applicants reporting Veteran's benefits, total Pell Grant expenditures on those recipients reporting Veteran's benefits have decreased as a percentage of total recipients. Approximately $\$ 48.6$ million dollars were awarded to
recipients reporting Veteran's benefits in both 1988-89 and 1989-90. This represents a slight decrease from 1.1 percent of total program expenditures in 1988-89 to 1.0 percent in 1989-90.

## SUMMARY STATISTICS FOR PELL GRANT APPLICANTS REPORTING VETERAN'S BENEFITS AWARD YEAR 1989-90

|  | DEPENDENT | INDEPENDENT | TOTAL |
| :---: | :---: | :---: | :---: |
| NUMBER OF APPLICANTS |  |  |  |
| SUBMITTING OFFICIAL APPLICATIONS | 18,011 | 46,410 | 64,421 |
| NUMBER OF APPLICANTS |  |  |  |
| SUBMITTING VALID APPLICATIONS | 16,983 | 44,037 | 61,020 |
| NUMBER AND PERCENT OF |  |  |  |
| ELIGIBLE | 9,385 | 33,256 | 42,641 |
| APPLICANTS | 52.11 | 71.66 | 66.19 |
| NUMBER AND PERCENT OF |  |  |  |
| INELIGIBLE | 7,598 | 10,781 | 18,379 |
| APPLICANTS | 42.19 | 23.23 | 28.53 |
| NUMBER AND PERCENT OF |  |  |  |
| APPLICATIONS RETURNED FOR INSUFFICIENT DATA | 1,028 | 2,373 | 3,401 |
| NEVER RE-SUBMITTED FOR PROCESSING | 5.71 | 5.11 | 5.28 |
| NUMBER OF APPLICANTS |  |  |  |
| SUBMITTING UNOFFICIAL APPLICATIONS | 872 | 1,834 | 2,706 |
| NUMBER OF APPLICANTS |  |  |  |
| SELECTED FOR VALIDATION | 3,772 | 9,372 | 13,144 |
| NUMBER OF PELL GRANT |  |  |  |
| RECIPIENTS | 7,538 | 26,169 | 33,707 |
| TOTAL EXPENDITURES | \$10,470,365 | \$38,128,157 | \$48,598,522 |
| AVERAGE GRANT | \$1,389 | \$1,457 | \$1,442 |

## Table 13

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

Award Period 1989-90

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 collected by the Management Information System (MIS) of the Pell Grant Application Processing System (PGAPS). It contains information on the total applicant pool rather than total recipients. The family income categories used in Table 13 are driven by the PGAPS MIS reports and consequently differ from other tables in this report. Because Table 13 is derived from the PGAPS MIS, the counts for total applicants, qualified applicants, and non-qualifying (ineligible) applicants vary slightly from those in Table 1.

More Independent Applicants Qualify For Grants Than Dependents. Over 70 percent of applicants are qualified (or eligible) to receive a Pell Grant. Table 13 further supports the conclusion that independents qualify at a higher rate than dependents. In 1989-90, 84.8 percent of independents are eligible to receive a grant compared to 55.2 percent of dependents.

The difference in eligibility rates for independents and dependents is directly related to the difference in incomes for the two groups of applicants. Independent applicants clearly
report lower incomes on the whole with almost 73.6 percent of all independents reporting income less than $\$ 10,000$. Only 31.1 percent of dependents report income in these lower ranges. In contrast, 36.3 percent of dependent applicants report income over $\$ 20,000$ in comparison to 8.7 percent of independent applicants. As shown in earlier tables, Pell Grants are directed towards the lowest income students. Therefore, independent applicants, who traditionally report lower incomes, are more likely to qualify for a grant.

Low Income Applicants Qualify At Very High Rate. As shown in Figure 16, low income applicants, dependent and independent alike, do qualify for grants with a much higher


Figure 16: Distribution of Applicants by Family Income
frequency than their higher income counterparts. Over 96.0 percent all applicants reporting less than $\$ 10,000$ income are eligible to receive a Pell Grant. The small percentage of low income applicants that do not qualify most likely reported sizable assets. Only about 36.3 percent of those applicants reporting
income greater than $\$ 20,000$ are eligible to receive a grant. It is likely that many of these applicants also reported a large family size, more than one family member in postsecondary education, or high medical and dental expenses.

DISTRIBUTION OF PELL GRANT APPLICANTS BY ELIGIBILITY STATUS AND INCOME RANGE ALL APPLICANTS - AWARD YEAR 1989-90

| TOTAL APPLICANTS | INCOME RANGE |  |  |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$0-4,000 | $\begin{gathered} \hline \$ 4,001- \\ 7,500 \end{gathered}$ | $\begin{aligned} & \hline \$ 7,501- \\ & 10,000 \end{aligned}$ | $\begin{gathered} \hline \$ 10,001 \text { - } \\ 12,000 \end{gathered}$ | $\begin{gathered} \$ 12,001- \\ 15,000 \end{gathered}$ | $\begin{gathered} \hline \$ 15,001 \text { - } \\ 20,000 \end{gathered}$ | $\begin{gathered} \$ 20,001- \\ 25,000 \end{gathered}$ | $\begin{gathered} \hline \$ 25,001 \text { - } \\ 30,000 \end{gathered}$ | $\begin{gathered} \$ 30,001- \\ 35,000 \end{gathered}$ | \$35,001 + |  |
| TOTAL QUALIFIED |  |  |  |  |  |  |  |  |  |  |  |
| PERCENT OF TOTAL |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL APPLICANTS | 1,013,349 | 993,388 | 517,210 | 328,013 | 426,809 | 583,953 | 460,152 | 377,102 | 311,391 | 1,149,238 | 6,160,605 |
| PERCENT OF TOTAL APPLICANTS | 16.4 | 16.1 | 8.4 | 5.3 | 6.9 | 9.5 | 7.5 | 6.1 | 5.1 | 18.7 | 100.0 |
| DEPENDENT APPLICANTS | INCOME RANGE |  |  |  |  |  |  |  |  |  |  |
|  | \$0-4,000 | $\begin{gathered} \$ 4,001- \\ 7,500 \end{gathered}$ | $\begin{aligned} & \hline \$ 7,501- \\ & 10,000 \end{aligned}$ | $\begin{gathered} \hline \$ 10,001 \text { - } \\ 12,000 \end{gathered}$ | $\begin{gathered} \$ 12,001- \\ 15,000 \end{gathered}$ | $\begin{gathered} \hline \$ 15,001 \text { - } \\ 20,000 \end{gathered}$ | $\begin{gathered} \$ 20,001- \\ 25,000 \end{gathered}$ | $\begin{gathered} \$ 25,001- \\ 30,000 \end{gathered}$ | $\begin{gathered} \hline \$ 30,001 \text { - } \\ 35,000 \end{gathered}$ | \$35,001 + | TOTAL |
| TOTAL QUALIFIED APPLICANTS | 157,292 | 211,165 | 145,867 | 110,761 | 164,972 | 263,398 | 226,684 | 168,447 | 95,904 | 109,420 | 1,653,910 |
| PERCENT OF TOTAL QUALIFIED APPLICANTS | 9.5 | 12.8 | 8.8 | 6.7 | 10.0 | 15.9 | 13.7 | 10.2 | 5.8 | 6.6 | 100.0 |
| TOTAL APPLICANTS | 158,964 | 214,248 | 151,581 | 118,741 | 182,962 | 310,862 | 292,291 | 269,690 | 244,894 | 1,049,619 | 2,993,852 |
| PERCENT OF TOTAL APPLICANTS | 5.3 | 7.2 | 5.1 | 4.0 | 6.1 | 10.4 | 9.8 | 9.0 | 8.2 | 35.1 | 100.0 |


| INDEPENDENT APPLICANTS | INCOME RANGE |  |  |  |  |  |  |  |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$0-4,000 | $\begin{gathered} \hline \$ 4,001- \\ 7,500 \end{gathered}$ | $\begin{aligned} & \hline \$ 7,501- \\ & 10,000 \end{aligned}$ | $\begin{gathered} \$ 10,001 \text { - } \\ 12,000 \end{gathered}$ | $\begin{gathered} \hline \$ 12,001- \\ 15,000 \end{gathered}$ | $\begin{gathered} \$ 15,001- \\ 20,000 \end{gathered}$ | $\begin{gathered} \$ 20,001- \\ 25,000 \end{gathered}$ | $\begin{gathered} \$ 25,001- \\ 30,000 \end{gathered}$ | $\begin{gathered} \$ 30,001- \\ 35,000 \end{gathered}$ | \$35,001 + |  |
| TOTAL QUALIFIED APPLICANTS | 853,284 | 776,477 | 347,598 | 135,901 | 156,399 | 182,997 | 120,268 | 74,523 | 26,733 | 12,148 | 2,686,328 |
| PERCENT OF TOTAL QUALIFIED APPLICANTS | 31.8 | 28.9 | 12.9 | 5.1 | 5.8 | 6.8 | 4.5 | 2.8 | 1.0 | 0.5 | 100.0 |
| TOTAL APPLICANTS | 854,385 | 779,140 | 365,629 | 209,272 | 243,847 | 273,091 | 167,861 | 107,412 | 66,497 | 99,619 | 3,166,753 |
| PERCENT OF TOTAL APPLICANTS | 27.0 | 24.6 | 11.5 | 6.6 | 7.7 | 8.6 | 5.3 | 3.4 | 2.1 | 3.1 | 100.0 |

## Table 14

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

Award Period 1989-90

Table 14 shows the distribution of Pell Grant recipients by enrollment status (full time, threequarter time, half time, and -- new for 1989-90 -- less-than-half-time students with an SAI of zerol and type and control of institution.

Some recipients (13.8 percent) are excluded from Table 14 because they either changed enrollment status within the award year or had no reported enrollment status.

Full-Time Enrollment Continues To Decline. The percentage of Pell recipients enrolled full time continues to decline. About 71.9 percent are enrolled full time this year, a modest drop from 73.2 percent last year, which was a precipitous drop from the 80.3 percent level of 1987-88. This pattern is consistent with postsecondary education trends toward increased part-time enrollment, reflecting the many students working to pay for their education. Among Pell Grant recipients another explanation operates as well: the decrease in full-time enrollment corresponds with an increase in the proportion of independent students, who may be even more likely to work while attending school. In addition, the eligibility of less-than-half-time enrollees for the first time also contributes slightly to the drop in
percentage of recipients enrolled full time.

With the loss in full-time enrollment there is a slight increase in the percentages enrolled three-quarter time (now 3.5 percent, up from 3.3 percent) and half time (now 9.3 percent, up from 9.0 percent). Also, 1.5 percent of Pell recipients are enrolled less-than-half-time. (The percentage enrolled less-than-half-time includes students attending clock hour and non-term credit hour schools for which conversions to enrollment status were made. As many of these students were eligible for Pell Grants last year, the real increase in less-than-half-time enrollment due to changes in the regulations is considerably smaller.)

Independent Students Mostly Part Time. Enroliment status varies substantially by dependency status. Among full-time recipients, a bit less than half (47.6 percent) are dependent and a bit more than half $\mathbf{~} 52.4$ percent) are independent. However, part-time recipients are much more likely to be independent, as are 80.9 percent of those enrolled three-quarter time, 83.7 percent of those enrolled half time, and 85.4 percent of those enrolled less-than-half-time.

Part Time Enrollees Attend Programs of Shorter Length. As shown in Figure 17, enrollment status varies greatly by program length. For example, the majority of full-time students attend 4 or 5 year institutions ( 56.9 percent). As enrollment status declines from full time, there is a decreasing likelihood of students attending 4 or 5 year schools ( 24.2 percent of three-quarter enrollees, 15.0 percent of halftime enrollees, and 3.3 percent of less-than-half-time enrollees) and an increasing likelihood of students attending less than 2 year programs (13.6 percent of full timers, 31.0 percent of three-quarter enrollees, 48.7 percent of half-time enrollees, and 77.4 percent of less-than-half-time enrollees). Attendance at 2 year schools does not vary directly with enrollment status.

Because 4 or 5 year schools enrolling the largest numbers of students are public, most full-time enrollees ( 60.1 percent) attend public institutions; full time students enroll in private and proprietary institutions at about the same level ( 20.4 percent and 19.5 percent, respectively). Three-quarter time students tend to enroll most at public institutions $\mathbf{} 52.8$ percent) or proprietary institutions $\{33.5$ percent). Half-timers are most likely to be
found at proprietary institutions ( 55.5 percent), followed by public institutions ( 36.5 percent). Less-than-half-time students are overwhelmingly found in proprietary schools ( 73.1 percent), followed by public institutions (20.4 percent).

Looking at the data in Table 14 across institutions land as a function of total enrollment, including those with changed enrollment status not reflected on this table), we find that $\mathbf{7 1 . 9}$ percent of Pell recipients are enrolled full time. This ranges from 64.5 percent at proprietary institutions to 72.0 percent at public institutions ( 83.0 percent in 4 and 5 year programs compared to 58.8 percent in 2 year programs) and 80.4 percent at private institutions.


Figure 17: Distribution of Enrollment Status by Type of Institution

TABLE 14
PELLGRANT RECIPIENT ENROLLMENT STATUS
BY TYPE AND CONTROL OF INSTITUTION
ALL INSTITUTIONS - AWARD PERIOD 1989-90

| TYPE OF INSTITUTION | FULL TIME |  |  | THREE QUARTER TIME |  |  | HALF TIME |  |  | LESS THAN HALF TIME |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | TOTAL | DEPEND. | INDEPEND. | TOTAL | DEPEND. | INDEPEND. | TOTAL | DEPEND. | INDEPEND. | TOTAL | DEPEND. | INDEPEND. |
| TOTAL PUBLIC INSTITUTIONS | 1,435,171 | 726,528 | 708,643 | 61,371 | 13,057 | 48,314 | 112,299 | 18,966 | 93,333 | 10,236 | 1,330 | 8,906 |
| 5 YEARS OR MORE | 767,325 | 455,215 | 312,110 | 11,731 | 3,156 | 8,575 | 16,447 | 2,369 | 14,078 | 176 | 25 | 151 |
| 4 YEAR NO GRADUATE | 139,567 | 77,651 | 61,916 | 3,783 | 902 | 2,881 | 10,484 | 3,171 | 7,313 | 55 | 7 | 48 |
| 3 YEARS BUT LESS THAN 4 YEARS | 2,124 | 437 | 1,687 | 75 | 18 | 57 | 128 | 8 | 120 | 0 | 0 | 0 |
| 2 YEARS BUT LESS THAN 3 YEARS | 509,970 | 189,412 | 320,558 | 43,511 | 8,686 | 34,825 | 80,594 | 12,875 | 67,719 | 5,297 | 710 | 4,587 |
| 1 YEAR BUT LESS THAN 2 YEARS | 12,830 | 2,941 | 9,889 | 1,821 | 257 | 1,564 | 3,713 | 457 | 3,256 | 3,977 | 533 | 3,444 |
| 6 MONTHS BUT LESS THAN 1 YEAR | 3,355 | 872 | 2,483 | 450 | 38 | 412 | 933 | 86 | 847 | 731 | 55 | 676 |
| TOTAL PRIVATE, NON-PROFIT | 487,891 | 295,653 | 192,238 | 15,838 | 2,474 | 13,364 | 24,612 | 2,787 | 21,825 | 3,286 | 339 | 2,947 |
| 5 YEARS OR MORE | 189,331 | 120,371 | 68,960 | 4,062 | 874 | 3,188 | 5,301 | 460 | 4,841 | 42 | 8 | 34 |
| 4 YEAR NO GRADUATE | 241,551 | 150,721 | 90,830 | 7,568 | 934 | 6,634 | 10,944 | 810 | 10,134 | 1,292 | 46 | 1,246 |
| 3 YEARS BUT LESS THAN 4 YEARS | 3,024 | 1,143 | 1,881 | 164 | 62 | 102 | 158 | 26 | 132 | 24 | 9 | 15 |
| 2 YEARS BUT LESS THAN 3 YEARS | 39,355 | 19,217 | 20,138 | 2,456 | 366 | 2,090 | 4,575 | 537 | 4,038 | 751 | 118 | 633 |
| 1 YEAR BUT LESS THAN 2 YEARS | 12,354 | 3,891 | 8,463 | 872 | 147 | 725 | 3,059 | 882 | 2,177 | 952 | 129 | 823 |
| 6 MONTHS BUT LESS THAN 1 YEAR | 2,276 | 310 | 1,966 | 716 | 91 | 625 | 575 | 72 | 503 | 225 | 29 | 196 |
| TOTAL PRIVATE, PROFIT-MAKING | 466,024 | 114,111 | 351,913 | 38,930 | 6,682 | 32,248 | 170,444 | 28,376 | 142,068 | 36,745 | 5,680 | 31,065 |
| 5 YEARS OR MORE | 1,438 | 237 | 1,201 | 46 | 0 | 46 | 363 | 29 | 334 | 2 | 0 | 2 |
| 4 YEAR NO GRADUATE | 21,236 | 7,899 | 13,337 | 925 | 158 | 767 | 2,651 | 354 | 2,297 | 82 | 12 | 70 |
| 3 YEARS BUT LESS THAN 4 YEARS | 5,698 | 2,415 | 3,283 | 228 | 57 | 171 | 2,618 | 325 | 2,293 | 271 | 35 | 236 |
| 2 YEARS BUT LESS THAN 3 YEARS | 144,276 | 37,949 | 106,327 | 5,614 | 900 | 4,714 | 23,402 | 3,299 | 20,103 | 3,385 | 474 | 2,911 |
| 1 YEAR BUT LESS THAN 2 YEARS | 176,902 | 43,056 | 133,846 | 13,864 | 2,319 | 11,545 | 66,794 | 12,388 | 54,406 | 16,163 | 2,843 | 13,320 |
| 6 MONTHS BUT LESS THAN 1 YEAR | 116,474 | 22,555 | 93,919 | 18,253 | 3,248 | 15,005 | 74,616 | 11,981 | 62,635 | 16,842 | 2,316 | 14,526 |
| TOTAL | 2,389,086 | 1,136,292 | 1,252,794 | 116,139 | 22,213 | 93,926 | 307,355 | 50,129 | 257,226 | 50,267 | 7,349 | 42,918 |

## Table 15

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

Award Period 1989-90

15A - Total<br>15B - Dependent<br>15C - Independent

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

## SNT Qualification Rate Unchanged;

 Independents Dominate. As shown in Table 15A, almost 1.64 million recipients qualified for their grants through SNT. This represents 49.4 percent of all recipients in 1989-90, about the same as reported for 1988-89. Of these SNTqualified recipients more than 1.31 million ( 80.1 percent) are independent compared toover 325,500 (19.9 percent) who were dependent (see Tables 15B and 15C). Another way of showing the extent to which independents dominate over dependents in qualifying for SNT is to examine the percentage of all recipients in each dependency category who are paid on SNT. Two thirds 167.1 percent) of all independent recipients were paid on SNT compared to only 23.9 percent of dependent student recipients. Table 15A shows the distribution of all SNT recipients by family income and grant level. To be consistent with other tables in this report, family income as shown here includes both taxable income (or earned income for non-tax filers) and nontaxable income such as Social Security benefits, AFDC, and child support. Thus, it is not the same definition of income used for qualifying for SNT. All SNT recipients, however, have taxable or earned income of $\$ 15,000$ or less.

More SNT Recipients Receive Maximum Grant. Overall, Table 15A indicates that the largest single group of SNT recipients (more than

432,000 or 26.4 percent of the total) receive the maximum grant. As expected of low income recipients, this is greater than the 17.4 percent of all Pell recipients (see Table 3) who received the maximum grant.

Figure 18 shows the average grants that SNTqualified recipients receive by dependency status. For comparison purposes, the average grant of all recipients (SNT and non-SNT) is also shown. Only 2.4 percent of these SNT


Figure 18: Average Grant for SNT and Total Recipients
recipients have total family income, including income from nontaxable sources, of more than $\$ 15,000$. Approximately 57.8 percent of this group have total family incomes of $\$ 6,000$ or less and 80.3 percent have total family incomes of $\$ 9,000$ or less.

Once qualification for SNT has been determined, there are relatively few differences between those who are dependent (Table 15B) and those who are independent (Table 15C). Slightly more dependent recipients 128.8 percent) than independents (25.8 percent) receive the maximum grant. Consistent with the finding that family income for dependent students is generally higher than that of independent students, 64.4 percent of dependent SNT recipients report family income less than $\$ 9,000$ compared to 84.1 percent of independent recipients. Far fewer of each group ( 5.6 percent of dependents and 1.6 percent of independents) report total family incomes greater than $\$ 15,000$.

TABLE 15-A
DISTRIBUTION OF PELL GRANT RECIPIENTS PAID ON A SIMPLIFIED NEEDS TEST STUDENT AID INDEX
BY FAMILY INCOME AND GRANT LEVEL
ALL RECIPIENTS - AWARD PERIOD 1989-90

|  | GRANT LEVEL |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FAMILY INCOME: | $\begin{array}{r} \$ 1- \\ 299 \end{array}$ | $\begin{gathered} \$ 300- \\ 599 \end{gathered}$ | $\begin{array}{r} \$ 600- \\ 899 \end{array}$ | $\begin{aligned} & \$ 900- \\ & 1,199 \end{aligned}$ | $\begin{gathered} \$ 1,200- \\ 1,499 \end{gathered}$ | $\begin{aligned} & 1,500- \\ & 1,799 \end{aligned}$ | $\begin{gathered} \$ 1,800- \\ 2,099 \end{gathered}$ | $\begin{array}{r} \$ 2,100- \\ 2,299 \end{array}$ | \$2,300 | TOTAL |  |
| LESS THAN \$1,001....... | $\begin{gathered} 6,020 \\ 3.5 \% \\ 17.5 \% \end{gathered}$ | $\begin{array}{r} 15,896 \\ 9.2 \% \\ 13.8 \% \end{array}$ | $\begin{array}{r} 16,349 \\ 9.5 \% \\ 10.2 \% \end{array}$ | $\begin{gathered} 31,435 \\ 18.2 \% \\ 10.8 \% \end{gathered}$ | $\begin{gathered} 9,851 \\ 5.7 \% \\ 8.9 \% \end{gathered}$ | $\begin{array}{r} 17,705 \\ 10.3 \% \\ 9.1 \% \end{array}$ | $\begin{array}{r} 16,342 \\ 9.5 \% \\ 9.1 \% \end{array}$ | $\begin{gathered} 9,436 \\ 5.5 \% \\ 7.8 \% \end{gathered}$ | $\begin{gathered} 49,250 \\ 28.6 \% \\ 11.4 \% \end{gathered}$ | $\begin{array}{r} 172,284 \\ 100.0 \% \\ 10.5 \% \end{array}$ | $\begin{aligned} & \mathrm{N} \\ & \mathrm{R} \% \end{aligned}$ C\% |
| \$1,001-3,000............. | $\begin{gathered} 2,450 \\ 1.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 12,234 \\ 4.8 \% \\ 10.6 \% \end{array}$ | $\begin{array}{r} 21,965 \\ 8.6 \% \\ 13.7 \% \end{array}$ | $\begin{gathered} 48,476 \\ 19.0 \% \\ 16.6 \% \end{gathered}$ | $\begin{array}{r} 12,834 \\ 5.0 \% \\ 11.6 \% \end{array}$ | $\begin{gathered} 29,588 \\ 11.6 \% \\ 15.2 \% \end{gathered}$ | $\begin{array}{r} 23,296 \\ 9.2 \% \\ 13.0 \% \end{array}$ | $\begin{array}{r} 15,861 \\ 6.2 \% \\ 13.1 \% \end{array}$ | $\begin{array}{r} 87,868 \\ 34.5 \% \\ 20.3 \% \end{array}$ | $\begin{array}{r} 254,572 \\ 100.0 \% \\ 15.5 \% \end{array}$ |  |
| \$3,001-6,000............. | $\begin{gathered} 4,755 \\ 0.9 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 24,699 \\ 4.7 \% \\ 21.4 \% \end{array}$ | $\begin{array}{r} 45,437 \\ 8.7 \% \\ 28.3 \% \end{array}$ | $\begin{gathered} 94,150 \\ 18.1 \% \\ 32.3 \% \end{gathered}$ | $\begin{array}{r} 25,546 \\ 4.9 \% \\ 23.0 \% \end{array}$ | $\begin{gathered} 63,364 \\ 12.2 \% \\ 32.7 \% \end{gathered}$ | $\begin{array}{r} 50,100 \\ 9.6 \% \\ 28.0 \% \end{array}$ | $\begin{array}{r} 35,667 \\ 6.9 \% \\ 29.5 \% \end{array}$ | $\begin{array}{r} 176,944 \\ 34.0 \% \\ 40.9 \% \end{array}$ | $\begin{array}{r} 520,662 \\ 100.0 \% \\ 31.8 \% \end{array}$ | $\begin{aligned} & \mathbf{N} \\ & \mathbf{R} \% \end{aligned}$ C\% |
| \$6,001-9,000............. | $\begin{gathered} 7,043 \\ 1.9 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 29,344 \\ 7.9 \% \\ 25.4 \% \end{array}$ | $\begin{gathered} 42,405 \\ 11.5 \% \\ 26.4 \% \end{gathered}$ | $\begin{gathered} 66,069 \\ 17.9 \% \\ 22.6 \% \end{gathered}$ | $\begin{array}{r} 34,043 \\ 9.2 \% \\ 30.7 \% \end{array}$ | $\begin{gathered} 46,222 \\ 12.5 \% \\ 23.8 \% \end{gathered}$ | $\begin{gathered} 40,924 \\ 11.1 \% \\ 22.9 \% \end{gathered}$ | $\begin{array}{r} 24,612 \\ 6.7 \% \\ 20.4 \% \end{array}$ | $\begin{gathered} 78,692 \\ 21.3 \% \\ 18.2 \% \end{gathered}$ | $\begin{array}{r} 369,354 \\ 100.0 \% \\ 22.5 \% \end{array}$ | N <br> R\% <br> C\% |
| \$9,001-15,000............. | $\begin{array}{r} 12,926 \\ 4.6 \% \\ 0.0 \% \end{array}$ | $\begin{gathered} 29,142 \\ 10.3 \% \\ 25.2 \% \end{gathered}$ | $\begin{gathered} 28,714 \\ 10.1 \% \\ 17.9 \% \end{gathered}$ | $\begin{gathered} 45,504 \\ 16.0 \% \\ 15.6 \% \end{gathered}$ | $\begin{array}{r} 22,775 \\ 8.0 \% \\ 20.5 \% \end{array}$ | $\begin{gathered} 30,291 \\ 10.7 \% \\ 15.6 \% \end{gathered}$ | $\begin{gathered} 42,497 \\ 15.0 \% \\ 23.8 \% \end{gathered}$ | $\begin{gathered} 33,276 \\ 11.7 \% \\ 27.5 \% \end{gathered}$ | $\begin{array}{r} 38,766 \\ 13.7 \% \\ 9.0 \% \end{array}$ | $\begin{array}{r} 283,891 \\ 100.0 \% \\ 17.3 \% \end{array}$ | N <br> R\% <br> C\% |
| \$15,001-20,000............ | $\begin{aligned} & 591 \\ & 1.9 \% \\ & 0.0 \% \end{aligned}$ | $\begin{gathered} 2,778 \\ 9.0 \% \\ 2.4 \% \end{gathered}$ | $\begin{array}{r} 4,002 \\ 13.0 \% \\ 2.5 \% \end{array}$ | $\begin{gathered} 4,649 \\ 15.1 \% \\ 1.6 \% \end{gathered}$ | $\begin{array}{r} 4,756 \\ 15.4 \% \\ 4.3 \% \end{array}$ | $\begin{array}{r} 5,905 \\ 19.2 \% \\ 3.0 \% \end{array}$ | $\begin{array}{r} 5,113 \\ 16.6 \% \\ 2.9 \% \end{array}$ | $\begin{gathered} 1,903 \\ 6.2 \% \\ 1.6 \% \end{gathered}$ | $\begin{gathered} 1,124 \\ 3.6 \% \\ 0.3 \% \end{gathered}$ | $\begin{array}{r} 30,821 \\ 100.0 \% \\ 1.9 \% \end{array}$ | $\begin{aligned} & \mathrm{N} \\ & \mathrm{R} \% \end{aligned}$ C\% |
| \$20,001-30,000............ | $\begin{aligned} & 530 \\ & 7.0 \% \\ & 0.0 \% \end{aligned}$ | $\begin{gathered} 1,303 \\ 17.1 \% \\ 1.1 \% \end{gathered}$ | $\begin{array}{r} 1,408 \\ 18.5 \% \\ 0.9 \% \end{array}$ | $\begin{array}{r} 1,417 \\ 18.6 \% \\ 0.5 \% \end{array}$ | $\begin{array}{r} 1,191 \\ 15.6 \% \\ 1.1 \% \end{array}$ | $\begin{gathered} 952 \\ 12.5 \% \\ 0.5 \% \end{gathered}$ | $\begin{aligned} & 586 \\ & 7.7 \% \\ & 0.3 \% \end{aligned}$ | $\begin{gathered} 113 \\ 1.5 \% \\ 0.1 \% \end{gathered}$ | $\begin{gathered} 124 \\ 1.6 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 7,624 \\ 100.0 \% \\ 0.5 \% \end{array}$ | N $\mathrm{R} \%$ $\mathrm{C} \%$ |
| \$30,001-40,000............ | $\begin{array}{r} 30 \\ 10.5 \% \\ 0.0 \% \end{array}$ | $\begin{array}{r} 65 \\ 22.7 \% \\ 0.1 \% \end{array}$ | $\begin{gathered} 56 \\ 19.6 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 56 \\ 19.6 \% \\ 0.0 \% \end{array}$ | $\begin{gathered} 52 \\ 18.2 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 15 \\ 5.2 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 9 \\ 3.1 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 3 \\ 1.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 286 \\ 100.0 \% \\ 0.0 \% \end{array}$ | $\begin{aligned} & \mathrm{N} \\ & \mathrm{R} \% \\ & \mathrm{C} \% \end{aligned}$ |
| \$40,001 +..................... | $\begin{array}{r} 2 \\ 11.8 \% \\ 0.0 \% \end{array}$ | $\begin{array}{r} 4 \\ 23.5 \% \\ 0.0 \% \end{array}$ | $\begin{array}{r} 6 \\ 35.3 \% \\ 0.0 \% \end{array}$ | $\begin{array}{r} 3 \\ 17.6 \% \\ 0.0 \% \end{array}$ | $\begin{gathered} 0 \\ 0.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 1 \\ 5.9 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 1 \\ 5.9 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 17 \\ 100.0 \% \\ 0.0 \% \end{array}$ | N $\mathrm{R} \%$ $\mathrm{C} \%$ |
| TOTAL......................... | $\begin{array}{r} 34,347 \\ 2.1 \% \\ 0.0 \% \end{array}$ | $\begin{array}{r} 115,465 \\ 7.0 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 160,342 \\ 9.8 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 291,759 \\ 17.8 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 111,048 \\ 6.8 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 194,042 \\ 11.8 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 178,868 \\ 10.9 \% \\ 100.0 \% \end{array}$ | 120,868 100.0\% | $\begin{array}{r} 432,772 \\ 26.4 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 1,639,511 \\ 100.0 \% \\ 100.0 \% \end{array}$ | N $\mathrm{R} \%$ $\mathrm{C} \%$ |

DISTRIBUTION OF PELL GRANT RECIPIENTS PAID ON A SIMPLIFIED NEEDS TEST STUDENT AID INDEX
BY FAMILY INCOME AND GRANT LEVEL
DEPENDENT RECIPIENTS - AWARD PERIOD 1989-90


DISTRIBUTION OF PELL GRANT RECIPIENTS PAID ON A SIMPLIFIED NEEDS TEST STUDENT AID INDEX
BY FAMILY INCOME AND GRANT LEVEL
INDEPENDENT RECIPIENTS - AWARD PERIOD 1989-90

|  | GRANT LEVEL |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FAMILY INCOME: | $\begin{gathered} \$ 1- \\ 299 \end{gathered}$ | $\begin{array}{r} \$ 300- \\ 599 \end{array}$ | $\begin{array}{r} \$ 600- \\ 899 \end{array}$ | $\begin{aligned} & \$ 900- \\ & 1,199 \end{aligned}$ | $\begin{array}{r} \$ 1,200- \\ 1,499 \end{array}$ | $\begin{array}{r} 1,500- \\ 1,799 \end{array}$ | $\begin{array}{r} \text { \$1,800- } \\ 2,099 \end{array}$ | $\begin{array}{r} \$ 2,100- \\ 2,299 \end{array}$ | \$2,300 | TOTAL |  |
| LESS THAN \$1,001...... | $\begin{array}{r} 5,939 \\ 3.7 \% \\ 19.0 \% \end{array}$ | $\begin{array}{r} 15,315 \\ 9.6 \% \\ 15.0 \% \end{array}$ | $\begin{array}{r} 15,456 \\ 9.7 \% \\ 11.4 \% \end{array}$ | $\begin{array}{r} 29,435 \\ 18.5 \% \\ 12.2 \% \end{array}$ | $\begin{array}{r} 8,897 \\ 5.6 \% \\ 10.5 \% \end{array}$ | $\begin{array}{r} 16,429 \\ 10.3 \% \\ 10.5 \% \end{array}$ | $\begin{array}{r} 14,833 \\ 9.3 \% \\ 11.0 \% \end{array}$ | $\begin{array}{r} 8,530 \\ 5.4 \% \\ 9.7 \% \end{array}$ | $\begin{array}{r} 44,576 \\ 28.0 \% \\ 13.1 \% \end{array}$ | $\begin{array}{r} 159,410 \\ 100.0 \% \\ 12.1 \% \end{array}$ | N <br> R\% <br> C\% |
| \$1,001-3,000............ | $\begin{gathered} 2,202 \\ 1.0 \% \\ 7.0 \% \end{gathered}$ | $\begin{array}{r} 10,976 \\ 5.0 \% \\ 10.7 \% \end{array}$ | $\begin{array}{r} 19,414 \\ 8.8 \% \\ 14.4 \% \end{array}$ | $\begin{array}{r} 42,966 \\ 19.4 \% \\ 17.8 \% \end{array}$ | $\begin{array}{r} 10,209 \\ 4.6 \% \\ 12.0 \% \end{array}$ | $\begin{gathered} 26,061 \\ 11.8 \% \\ 16.6 \% \end{gathered}$ | $\begin{array}{r} 20,101 \\ 9.1 \% \\ 15.0 \% \end{array}$ | $\begin{array}{r} 12,931 \\ 5.9 \% \\ 14.7 \% \end{array}$ | $\begin{gathered} 76,063 \\ 34.4 \% \\ 22.4 \% \end{gathered}$ | $\begin{array}{r} 220,923 \\ 100.0 \% \\ 16.8 \% \end{array}$ | N <br> R\% <br> C\% |
| \$3,001-6,000............ | $\begin{array}{r} 4,044 \\ 0.9 \% \\ 12.9 \% \end{array}$ | $\begin{array}{r} 21,448 \\ 4.9 \% \\ 21.0 \% \end{array}$ | $\begin{array}{r} 38,617 \\ 8.9 \% \\ 28.5 \% \end{array}$ | $\begin{array}{r} 80,315 \\ 18.5 \% \\ 33.3 \% \end{array}$ | $\begin{array}{r} 19,666 \\ 4.5 \% \\ 23.1 \% \end{array}$ | $\begin{gathered} 53,889 \\ 12.4 \% \\ 34.3 \% \end{gathered}$ | $\begin{array}{r} 41,105 \\ 9.5 \% \\ 30.6 \% \end{array}$ | $\begin{array}{r} 28,809 \\ 6.6 \% \\ 32.7 \% \end{array}$ | $\begin{array}{r} 145,553 \\ 33.6 \% \\ 42.9 \% \end{array}$ | $\begin{array}{r} 433,446 \\ 100.0 \% \\ 33.0 \% \end{array}$ | N <br> R\% <br> C\% |
| \$6,001 - 9,000............. | $\begin{array}{r} 6,352 \\ 2.2 \% \\ 20.3 \% \end{array}$ | $\begin{array}{r} 26,379 \\ 9.0 \% \\ 25.8 \% \end{array}$ | $\begin{gathered} 36,519 \\ 12.5 \% \\ 27.0 \% \end{gathered}$ | $\begin{gathered} 54,072 \\ 18.5 \% \\ 22.4 \% \end{gathered}$ | $\begin{array}{r} 28,491 \\ 9.8 \% \\ 33.5 \% \end{array}$ | $\begin{array}{r} 37,854 \\ 13.0 \% \\ 24.1 \% \end{array}$ | $\begin{gathered} 31,972 \\ 10.9 \% \\ 23.8 \% \end{gathered}$ | $\begin{array}{r} 18,164 \\ 6.2 \% \\ 20.6 \% \end{array}$ | $\begin{gathered} 52,323 \\ 17.9 \% \\ 15.4 \% \end{gathered}$ | $\begin{array}{r} 292,126 \\ 100.0 \% \\ 22.2 \% \end{array}$ | N <br> R\% <br> C\% |
| \$9,001-15,000............ | $\begin{array}{r} 12,070 \\ 6.4 \% \\ 38.5 \% \end{array}$ | $\begin{array}{r} 25,398 \\ 13.5 \% \\ 24.8 \% \end{array}$ | $\begin{gathered} 21,830 \\ 11.6 \% \\ 16.1 \% \end{gathered}$ | $\begin{gathered} 31,149 \\ 16.6 \% \\ 12.9 \% \end{gathered}$ | $\begin{array}{r} 14,736 \\ 7.9 \% \\ 17.3 \% \end{array}$ | $\begin{gathered} 19,654 \\ 10.5 \% \\ 12.5 \% \end{gathered}$ | $\begin{gathered} 23,794 \\ 12.7 \% \\ 17.7 \% \end{gathered}$ | $\begin{gathered} 18,909 \\ 10.1 \% \\ 21.5 \% \end{gathered}$ | $\begin{array}{r} 19,910 \\ 10.6 \% \\ 5.9 \% \end{array}$ | $\begin{array}{r} 187,450 \\ 100.0 \% \\ 14.3 \% \end{array}$ | N <br> R\% <br> C\% |
| \$15,001-20,000........... | $\begin{gathered} 397 \\ 2.3 \% \\ 1.3 \% \end{gathered}$ | $\begin{array}{r} 2,032 \\ 11.9 \% \\ 2.0 \% \end{array}$ | $\begin{array}{r} 2,734 \\ 16.1 \% \\ 2.0 \% \end{array}$ | $\begin{array}{r} 2,792 \\ 16.4 \% \\ 1.2 \% \end{array}$ | $\begin{array}{r} 2,539 \\ 14.9 \% \\ 3.0 \% \end{array}$ | $\begin{array}{r} 2,921 \\ 17.2 \% \\ 1.9 \% \end{array}$ | $\begin{array}{r} 2,377 \\ 14.0 \% \\ 1.8 \% \end{array}$ | $\begin{gathered} 730 \\ 4.3 \% \\ 0.8 \% \end{gathered}$ | $\begin{gathered} 499 \\ 2.9 \% \\ 0.1 \% \end{gathered}$ | $\begin{array}{r} 17,021 \\ 100.0 \% \\ 1.3 \% \end{array}$ | N <br> R\% <br> C\% |
| \$20,001-30,000........... | $\begin{gathered} 320 \\ 9.3 \% \\ 1.0 \% \end{gathered}$ | $\begin{array}{r} 739 \\ 21.5 \% \\ 0.7 \% \end{array}$ | $\begin{array}{r} 680 \\ 19.8 \% \\ 0.5 \% \end{array}$ | $\begin{array}{r} 639 \\ 18.6 \% \\ 0.3 \% \end{array}$ | $\begin{array}{r} 486 \\ 14.2 \% \\ 0.6 \% \end{array}$ | $\begin{array}{r} 364 \\ 10.6 \% \\ 0.2 \% \end{array}$ | $\begin{gathered} 126 \\ 3.7 \% \\ 0.1 \% \end{gathered}$ | $\begin{gathered} 25 \\ 0.7 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 54 \\ 1.6 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 3,433 \\ 100.0 \% \\ 0.3 \% \end{array}$ | N <br> R\% <br> C\% |
| \$30,001 - 40,000........... | $\begin{array}{r} 12 \\ 16.9 \% \\ 0.0 \% \end{array}$ | $\begin{array}{r} 20 \\ 28.2 \% \\ 0.0 \% \end{array}$ | $\begin{array}{r} 15 \\ 21.1 \% \\ 0.0 \% \end{array}$ | $\begin{array}{r} 12 \\ 16.9 \% \\ 0.0 \% \end{array}$ | $\begin{gathered} 6 \\ 8.5 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 2 \\ 2.8 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 1 \\ 1.4 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 3 \\ 4.2 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 71 \\ 100.0 \% \\ 0.0 \% \end{array}$ | N <br> R\% <br> C\% |
| \$40,001 +..................... | $\begin{gathered} 0 \\ 0.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 2 \\ 66.7 \% \\ 0.0 \% \end{array}$ | $\begin{gathered} 0 \\ 0.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 1 \\ 33.3 \% \\ 0.0 \% \end{array}$ | $\begin{gathered} 0 \\ 0.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.0 \% \\ 0.0 \% \end{gathered}$ | $\begin{array}{r} 3 \\ 100.0 \% \\ 0.0 \% \end{array}$ | N $\mathrm{R} \%$ $\mathrm{C} \%$ |
| TOTAL.......................... | $\begin{array}{r} 31,336 \\ 2.4 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 102,309 \\ 7.8 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 135,265 \\ 10.3 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 241,381 \\ 18.4 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 85,030 \\ 6.5 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 157,174 \\ 12.0 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 134,309 \\ 10.2 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} \mathbf{8 8 , 0 9 8} \\ 6.7 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 338,981 \\ 25.8 \% \\ 100.0 \% \end{array}$ | $\begin{array}{r} 1,313,883 \\ 100.0 \% \\ 100.0 \% \end{array}$ | N <br> R\% <br> C\% |

## Table 16

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

Award Period 1989-90

> 16A - Total
> 16B - Dependent
> 16C - Independent

Tables 16A, 16B, and 16C show the distribution of Pell Grant recipients who qualify as dislocated workers. This provision, which was introduced in 1988-89; applies to a parent of a dependent student, a student or a student's spouse who was terminated or laidoff, or if self-employed, was unemployed because of poor economic conditions or natural disaster. For those applicants qualifying under this provision, eligibility is based on expected 1989 income rather than 1988 income, and home assets are excluded in eligibility determination.

Dislocated Workers Decrease Since Last Cycle. Table 16A shows that almost 73,000 or 2.1 percent of total recipients qualify as dislocated workers. This represents a significant decrease from last cycle when over 100,000 or 3 percent of total recipients qualified as dislocated workers. Because the dislocated worker provision was only introduced last cycle, this decrease may be attributed to a better understanding of the dislocated worker criteria by applicants and the financial aid
community. Forty-three percent of those recipients qualifying under the dislocated worker provision are dependent, while 57 percent are independent in 1989-90: This breakdown is very similar to the overall breakdown of recipients by dependency status.

Dislocated Worker Expected Year Income Higher Than Base Year Income For All Recipients. Table 16A shows that for these dislocated worker applicants, the expected income is slightly larger than the base year income for Pell recipients as a whole. This may be attributed to an influx of middle income dislocated worker recipients who would not have otherwise qualified. In 1989-90, 39.5 percent of dislocated workers report an expected income of less than $\$ 9,000$ compared to 51.7 percent of total recipients. Similarly, 23.6 percent of dislocated worker recipients report expected year income of greater than $\$ 20,000$ compared to 20.2 percent of all recipients.

As a result, dislocated workers are more likely
to receive slightly smaller, more moderate grants than all recipients. Only 14.6 percent of those recipients who qualify as dislocated workers receive the maximum grant as compared to 17.4 percent of all recipients. About 23.3 percent of dislocated workers received grants of less than $\$ 900$ as compared to 25.3 percent of total recipients. Recipients who qualified under the dislocated worker provision predominate in the moderate grant leveis where 62.3 percent of these recipients receive grants between $\$ 900$ and $\$ 2,299$ (compared to 57.4 percent of total recipients).

As anticipated from the larger recipient pool, there are some differences in expected income between dependents and independents who qualified as dislocated workers (see Figure 19). Dependents are almost twice as likely to have an expected year income greater than $\$ 20,000$ (32.7 percent) than independents 116.6 percent). Independents are about twice as likely to have an expected income of $\$ 9,000$ or less (49.7 percent) than are dependents (26.1 percent).


Figure 19: Expected Income for Dislocated Workers by Dependency Status

As a function of these differences in income between dependent and independent students, there are some differences in the grant amounts received by dependency status. About 17.8 percent of independents receive the maximum grant of $\$ 2,300$ compare to about 10.4 percent of dependents. However, when grants of $\$ 1,800$ or above are examined, there is no longer much difference 137.9 percent of dependents compared to 36.6 percent of independents).

TABLE 16-A
DISTRIBUTION OF PELL GRANT RECIPIENTS QUALIFIED UNDER DISLOCATED WORKER PROVISION
BY EXPECTED FAMILY INCOME AND GRANT LEVEL
ALL RECIPIENTS - AWARD PERIOD 1989-90

| EXPECTED FAMILYINCOME: | GRANT LEVEL |  |  |  |  |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} \$ 1- \\ 299 \end{array}$ | $\begin{gathered} \$ 300- \\ 599 \end{gathered}$ | $\begin{array}{r} \$ 600- \\ 899 \end{array}$ | $\begin{aligned} & \$ 900- \\ & 1,199 \end{aligned}$ | $\begin{gathered} \$ 1,200- \\ 1,499 \end{gathered}$ | $\begin{aligned} & 1,500- \\ & 1,799 \end{aligned}$ | $\begin{array}{r} \$ 1,800- \\ 2,099 \end{array}$ | $\begin{array}{r} \$ 2,100- \\ 2,299 \end{array}$ | \$2,300 |  |  |
| LESS THAN \$1,001....... | 45 | 192 | 318 | 520 | 254 | 444 | 484 | 377 | 1,030 | 3,664 | N |
|  | 1.2\% | 5.2\% | 8.7\% | 14.2\% | 6.9\% | 12.1\% | 13.2\% | 10.3\% | 28.1\% | 100.0\% | R\% |
|  | 1.9\% | 2.9\% | 4.0\% | 4.9\% | 3.2\% | 4.3\% | 5.0\% | 5.6\% | 9.7\% | 5.0\% | C\% |
| \$1,001-3,000............. | 52 | 232 | 377 | 683 | 343 | 692 | 611 | 498 | 1,504 | 4,992 | N |
|  | 1.0\% | 4.6\% | 7.6\% | 13.7\% | 6.9\% | 13.9\% | 12.2\% | 10.0\% | 30.1\% | 100.0\% | R\% |
|  | 0.0\% | 3.6\% | 4.7\% | 6.4\% | 4.3\% | 6.7\% | 6.3\% | 7.4\% | 14.1\% | 6.9\% | C\% |
| \$3,001-6,000............. | 109 | 454 | 798 | 1,449 | 682 | 1,483 | 1,307 | 1,057 | 3,121 | 10,460 | N |
|  | 1.0\% | 4.3\% | 7.6\% | 13.9\% | 6.5\% | 14.2\% | 12.5\% | 10.1\% | 29.8\% | 100.0\% | R\% |
|  | 0.0\% | 7.0\% | 9.9\% | 13.6\% | 8.6\% | 14.4\% | 13.5\% | 15.6\% | 29.3\% | 14.4\% | C\% |
| \$6,001-9,000............. | 178 | 624 | 835 | 1,457 | 816 | 1,337 | 1,115 | 1,059 | 2,161 | 9,582 | N |
|  | 1.9\% | 6.5\% | 8.7\% | 15.2\% | 8.5\% | 14.0\% | 11.6\% | 11.1\% | 22.6\% | 100.0\% | R\% |
|  | 0.0\% | 9.6\% | 10.4\% | 13.7\% | 10.3\% | 13.0\% | 11.5\% | 15.7\% | 20.3\% | 13.2\% | C\% |
| \$9,001-15,000............. | 319 | 1,048 | 1,356 | 2,210 | 1,364 | 2,077 | 2,678 | 2,556 | 2,433 | 16,041 | N |
|  | 2.0\% | 6.5\% | 8.5\% | 13.8\% | 8.5\% | 12.9\% | 16.7\% | 15.9\% | 15.2\% | 100.0\% | R\% |
|  | 0.0\% | 16.1\% | 16.8\% | 20.8\% | 17.2\% | 20.2\% | 27.7\% | 37.8\% | 22.9\% | 22.0\% | C\% |
| \$15,001-20,000............ | 190 | 842 | 1,174 | 1,465 | 1,700 | 2,110 | 2,178 | 955 | 280 | 10,894 | N |
|  | 1.7\% | 7.7\% | 10.8\% | 13.4\% | 15.6\% | 19.4\% | 20.0\% | 8.8\% | 2.6\% | 100.0\% | R\% |
|  | 0.0\% | 12.9\% | 14.6\% | 13.8\% | 21.4\% | 20.5\% | 22.6\% | 14.1\% | 2.6\% | 15.0\% | C\% |
| \$20,001-30,000............ | 883 | 2,162 | 2,377 | 2,233 | 2,249 | 1,853 | 1,198 | 235 | 78 | 13,268 | N |
|  | 6.7\% | 16.3\% | 17.9\% | 16.8\% | 17.0\% | 14.0\% | 9.0\% | 1.8\% | 0.6\% | 100.0\% | R\% |
|  | 0.0\% | 33.2\% | 29.5\% | 21.0\% | 28.4\% | 18.0\% | 12.4\% | 3.5\% | 0.7\% | 18.2\% | C\% |
| \$30,001-40,000............ | 417 | 757 | 679 | 533 | 475 | 270 | 80 | 14 | 21 | 3,246 | N |
|  | 12.8\% | 23.3\% | 20.9\% | 16.4\% | 14.6\% | 8.3\% | 2.5\% | 0.4\% | 0.6\% | 100.0\% | R\% |
|  | 0.0\% | 11.6\% | 8.4\% | 5.0\% | 6.0\% | 2.6\% | 0.8\% | 0.2\% | 0.2\% | 4.5\% | C\% |
| \$40,001 +..................... | 120 | 203 | 135 | 84 | 49 | 15 | 7 | 4 | 7 | 624 | N |
|  | 19.2\% | 32.5\% | 21.6\% | 13.5\% | 7.9\% | 2.4\% | 1.1\% | 0.6\% | 1.1\% | 100.0\% | R\% |
|  | 0.0\% | 3.1\% | 1.7\% | 0.8\% | 0.6\% | 0.1\% | 0.1\% | 0.1\% | 0.1\% | 0.9\% | C\% |
| TOTAL.......................... | 2,313 | 6,514 | 8,049 | 10,634 | 7,932 | 10,281 | 9,658 | 6,755 | 10,635 | 72,771 | N |
|  | 3.2\% | 9.0\% | 11.1\% | 14.6\% | 10.9\% | 14.1\% | 13.3\% | 9.3\% | 14.6\% | 100.0\% | R\% |
|  | 0.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

TABLE 16-B
DISTRIBUTION OF PELL GRANT RECIPIENTS QUALIFIED UNDER DISLOCATED WORKER PROVISION
BY EXPECTED FAMILY INCOME AND GRANT LEVEL
DEPENDENT RECIPIENTS - AWARD PERIOD 1989-90

| EXPECTED FAMILY INCOME: | GRANT LEVEL |  |  |  |  |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \$ 1- \\ 299 \end{gathered}$ | $\begin{array}{r} \$ 300- \\ 599 \end{array}$ | $\begin{array}{r} \$ 600- \\ 899 \end{array}$ | $\begin{aligned} & \$ 900- \\ & 1,199 \end{aligned}$ | $\begin{gathered} \$ 1,200- \\ 1,499 \end{gathered}$ | $\begin{aligned} & 1,500- \\ & 1,799 \end{aligned}$ | $\begin{gathered} \$ 1,800- \\ 2,099 \end{gathered}$ | $\begin{array}{r} \$ 2,100- \\ 2,299 \end{array}$ | \$2,300 |  |  |
| LESS THAN \$1,001...... | 7 | 26 | 71 | 131 | 71 | 92 | 155 | 181 | 254 | 988 | N |
|  | 0.7\% | 2.6\% | 7.2\% | 13.3\% | 7.2\% | 9.3\% | 15.7\% | 18.3\% | 25.7\% | 100.0\% | R\% |
|  | 0.8\% | 1.0\% | 2.1\% | 3.1\% | 1.8\% | 2.1\% | 3.3\% | 4.6\% | 7.7\% | 3.1\% | C\% |
| \$1,001-3,000............ | 9 | 37 | 88 | 143 | 113 | 129 | 162 | 255 | 309 | 1,245 | N |
|  | 0.7\% | 3.0\% | 7.1\% | 11.5\% | 9.1\% | 10.4\% | 13.0\% | 20.5\% | 24.8\% | 100.0\% | R\% |
|  | 1.0\% | 1.4\% | 2.6\% | 3.4\% | 2.8\% | 2.9\% | 3.5\% | 6.4\% | 9.4\% | 4.0\% | C\% |
| \$3,001 - 6,000............. | 11 | 111 | 185 | 358 | 222 | 311 | 393 | 544 | 722 | 2,857 | N |
|  | 0.4\% | 3.9\% | 6.5\% | 12.5\% | 7.8\% | 10.9\% | 13.8\% | 19.0\% | 25.3\% | 100.0\% | R\% |
|  | 1.2\% | 4.3\% | 5.5\% | 8.5\% | 5.5\% | 7.1\% | 8.4\% | 13.7\% | 22.0\% | 9.1\% | C\% |
| \$6,001 - 9,000............. | 25 | 89 | 190 | 378 | 268 | 385 | 405 | 641 | 738 | 3,119 | N |
|  | 0.8\% | 2.9\% | 6.1\% | 12.1\% | 8.6\% | 12.3\% | 13.0\% | 20.6\% | 23.7\% | 100.0\% | R\% |
|  | 2.7\% | 3.4\% | 5.6\% | 8.9\% | 6.6\% | 8.8\% | 8.6\% | 16.2\% | 22.5\% | 9.9\% | C\% |
| \$9,001-15,000............ | 94 | 301 | 513 | 840 | 659 | 898 | 1,395 | 1,529 | 1,045 | 7,274 | N |
|  | 1.3\% | 4.1\% | 7.1\% | 11.5\% | 9.1\% | 12.3\% | 19.2\% | 21.0\% | 14.4\% | 100.0\% | R\% |
|  | 10.1\% | 11.7\% | 15.2\% | 19.9\% | 16.3\% | 20.5\% | 29.7\% | 38.6\% | 31.8\% | 23.1\% | C\% |
| \$15,001-20,000........... | 104 | 352 | 526 | 655 | 952 | 1,132 | 1,222 | 597 | 151 | 5,691 | N |
|  | 1.8\% | 6.2\% | 9.2\% | 11.5\% | 16.7\% | 19.9\% | 21.5\% | 10.5\% | 2.7\% | 100.0\% | R\% |
|  | 11.1\% | 13.6\% | 15.5\% | 15.5\% | 23.6\% | 25.8\% | 26.1\% | 15.1\% | 4.6\% | 18.1\% | C\% |
| \$20,001-30,000........... | 385 | 1,043 | 1,224 | 1,231 | 1,323 | 1,200 | 882 | 199 | 47 | 7,534 | N |
|  | 5.1\% | 13.8\% | 16.2\% | 16.3\% | 17.6\% | 15.9\% | 11.7\% | 2.6\% | 0.6\% | 100.0\% | R\% |
|  | 41.3\% | 40.4\% | 36.2\% | 29.1\% | 32.8\% | 27.3\% | 18.8\% | 5.0\% | 1.4\% | 23.9\% | C\% |
| \$30,001-40,000........... | 209 | 459 | 470 | 425 | 388 | 227 | 70 | 12 | 11 | 2,271 | N |
|  | 9.2\% | 20.2\% | 20.7\% | 18.7\% | 17.1\% | 10.0\% | 3.1\% | 0.5\% | 0.5\% | 100.0\% | R\% |
|  | 22.4\% | 17.8\% | 13.9\% | 10.0\% | 9.6\% | 5.2\% | 1.5\% | 0.3\% | 0.3\% | 7.2\% | C\% |
| \$40,001 +..................... | 89 | 163 | 117 | 70 | 43 | 15 | 6 | 4 | 6 | 513 | N |
|  | 17.3\% | 31.8\% | 22.8\% | 13.6\% | 8.4\% | 2.9\% | 1.2\% | 0.8\% | 1.2\% | 100.0\% | R\% |
|  | 9.5\% | 6.3\% | 3.5\% | 1.7\% | 1.1\% | 0.3\% | 0.1\% | 0.1\% | 0.2\% | 1.6\% | C\% |
| TOTAL.......................... | 933 | 2,581 | 3,384 | 4,231 | 4,039 | 4,389 | 4,690 | 3,962 | 3,283 | 31,492 | N |
|  | 3.0\% | 8.2\% | 10.7\% | 13.4\% | 12.8\% | 13.9\% | 14.9\% | 12.6\% | 10.4\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

TABLE 16-C
DISTRIBUTION OF PELL GRANT RECIPIENTS QUALIFIED UNDER DISLOCATED WORKER PROVISION
BY EXPECTED FAMILY INCOME AND GRANT LEVEL
INDEPENDENT RECIPIENTS - AWARD PERIOD 1989-90

| EXPECTED FAMILY INCOME: | GRANT LEVEL |  |  |  |  |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} \text { \$1- } \\ 299 \end{array}$ | $\begin{array}{r} \$ 300- \\ 599 \end{array}$ | $\begin{array}{r} \$ 600- \\ 899 \end{array}$ | $\begin{aligned} & \$ 900- \\ & 1,199 \end{aligned}$ | $\begin{gathered} \$ 1,200- \\ 1,499 \end{gathered}$ | $\begin{aligned} & 1,500- \\ & 1,799 \end{aligned}$ | $\begin{gathered} \$ 1,800- \\ 2,099 \end{gathered}$ | $\begin{array}{r} \text { \$2,100- } \\ 2,299 \end{array}$ | \$2,300 |  |  |
| LESS THAN \$1,001...... | 38 | 166 | 247 | 389 | 183 | 352 | 329 | 196 | 776 | 2,676 | N |
|  | 1.4\% | 6.2\% | 9.2\% | 14.5\% | 6.8\% | 13.2\% | 12.3\% | 7.3\% | 29.0\% | 100.0\% | R\% |
|  | 2.8\% | 4.2\% | 5.3\% | 6.1\% | 4.7\% | 6.0\% | 6.6\% | 7.0\% | 10.6\% | 6.5\% | C\% |
| \$1,001-3,000............ | 43 | 195 | 289 | 540 | 230 | 563 | 449 | 243 | 1,195 | 3,747 | N |
|  | 1.1\% | 5.2\% | 7.7\% | 14.4\% | 6.1\% | 15.0\% | 12.0\% | 6.5\% | 31.9\% | 100.0\% | R\% |
|  | 3.1\% | 5.0\% | 6.2\% | 8.4\% | 5.9\% | 9.6\% | 9.0\% | 8.7\% | 16.3\% | 9.1\% | C\% |
| \$3,001 - 6,000............. | 98 | 343 | 613 | 1,091 | 460 | 1,172 | 914 | 513 | 2,399 | 7,603 | N |
|  | 1.3\% | 4.5\% | 8.1\% | 14.3\% | 6.1\% | 15.4\% | 12.0\% | 6.7\% | 31.6\% | 100.0\% | R\% |
|  | 7.1\% | 8.7\% | 13.1\% | 17.0\% | 11.8\% | 19.9\% | 18.4\% | 18.4\% | 32.6\% | 18.4\% | C\% |
| \$6,001 - 9,000............. | 153 | 535 | 645 | 1,079 | 548 | 952 | 710 | 418 | 1,423 | 6,463 | N |
|  | 2.4\% | 8.3\% | 10.0\% | 16.7\% | 8.5\% | 14.7\% | 11.0\% | 6.5\% | 22.0\% | 100.0\% | R\% |
|  | 11.1\% | 13.6\% | 13.8\% | 16.9\% | 14.1\% | 16.2\% | 14.3\% | 15.0\% | 19.4\% | 15.7\% | C\% |
| \$9,001-15,000............ | 225 | 747 | 843 | 1,370 | 705 | 1,179 | 1,283 | 1,027 | 1,388 | 8,767 | N |
|  | 2.6\% | 8.5\% | 9.6\% | 15.6\% | 8.0\% | 13.4\% | 14.6\% | 11.7\% | 15.8\% | 100.0\% | R\% |
|  | 16.3\% | 19.0\% | 18.1\% | 21.4\% | 18.1\% | 20.0\% | 25.8\% | 36.8\% | 18.9\% | 21.2\% | C\% |
| \$15,001-20,000........... | 86 | 490 | 648 | 810 | 748 | 978 | 956 | 358 | 129 | 5,203 | N |
|  | 1.7\% | 9.4\% | 12.5\% | 15.6\% | 14.4\% | 18.8\% | 18.4\% | 6.9\% | 2.5\% | 100.0\% | R\% |
|  | 6.2\% | 12.5\% | 13.9\% | 12.7\% | 19.2\% | 16.6\% | 19.2\% | 12.8\% | 1.8\% | 12.6\% | C\% |
| \$20,001-30,000........... | 498 | 1,119 | 1,153 | 1,002 | 926 | 653 | 316 | 36 | 31 | 5,734 | N |
|  | 8.7\% | 19.5\% | 20.1\% | 17.5\% | 16.1\% | 11.4\% | 5.5\% | 0.6\% | 0.5\% | 100.0\% | R\% |
|  | 36.1\% | 28.5\% | 24.7\% | 15.6\% | 23.8\% | 11.1\% | 6.4\% | 1.3\% | 0.4\% | 13.9\% | C\% |
| \$30,001 - 40,000............ | 208 | 298 | 209 | 108 | 87 | 43 | 10 | 2 | 10 | 975 | N |
|  | 21.3\% | 30.6\% | 21.4\% | 11.1\% | 8.9\% | 4.4\% | 1.0\% | 0.2\% | 1.0\% | 100.0\% | R\% |
|  | 15.1\% | 7.6\% | 4.5\% | 1.7\% | 2.2\% | 0.7\% | 0.2\% | 0.1\% | 0.1\% | 2.4\% | C\% |
| \$40,001 +..................... | 31 | 40 | 18 | 14 | 6 | 0 | 1 | 0 | 1 | 111 | N |
|  | 27.9\% | 36.0\% | 16.2\% | 12.6\% | 5.4\% | 0.0\% | 0.9\% | 0.0\% | 0.9\% | 100.0\% | R\% |
|  | 2.2\% | 1.0\% | 0.4\% | 0.2\% | 0.2\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.3\% | C\% |
| TOTAL.......................... | 1,380 | 3,933 | 4,665 | 6,403 | 3,893 | 5,892 | 4,968 | 2,793 | 7,352 | 41,279 | N |
|  | 3.3\% | 9.5\% | 11.3\% | 15.5\% | 9.4\% | 14.3\% | 12.0\% | 6.8\% | 17.8\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

## Table 17

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

Award Period 1989-90

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

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

The displaced homemaker provision, like the dislocated worker provision, was applied for the first time in the 1988-89 award year. An applicant (either parent for a dependent student or the student or student's spouse) qualifies as a displaced homemaker by meeting each of three provisions: 1) not in the labor force for 5 or more years and serving as a homemaker during that period; 2) dependent on public assistance or previously dependent for support on public assistance or the income of another family member, but no longer receiving that support; and 3) unemployed or underemployed and having difficulty obtaining or upgrading employment. An applicant who qualifies as a displaced homemaker has net home assets ignored in determining eligibility.

Displaced Homemaker Rates Unchanged. Table 17A indicates that few recipients (about 62,000 or 1.9 percent of all recipients) qualify under the displaced homemaker provision. This percentage is little changed from last year. Those who qualify are divided almost evenly by dependency status (47.7 percent dependent and 52.3 percent independent).

Displaced Homemakers Reflect All Recipients in Income and Grants. As shown in Figure 20,


Figure 20: Family Income for Displaced Homemakers by Dependency Status
the distribution of family income among displaced homemakers is similar to that of all recipients, with 19.0 percent above $\$ 20,000$ (compared to 20.2 for all recipients) and 47.6 percent up to $\$ 9,000$ (compared to 51.7 percent of all recipients). Dependents with a displaced homemaker for a parent are much more likely to have incomes above $\$ 20,000$ (23.9 percent) than independent displace homemakers ( 14.6 percent), and independents are much more likely to have an income up to $\$ 9,000$ ( 54.9 percent) than dependents $\mathbf{( 3 9 . 7}$ percent).

The distribution of grants received among displaced-homemaker qualifiers also closely.
reflects that of the total recipient population. Approximately 23.9 percent of displaced homemaker qualifiers receive grants less than $\$ 900$, compared to 25.3 of the total recipient pool. Fourteen percent of those qualifying as displaced homemakers received the maximum grant compared to 17.4 percent of all recipients. Differences by dependency status in the grants received by displaced homemaker qualifiers are modest with $\mathbf{1 3 . 2}$ percent of dependents and 15.2 percent of independents receiving the maximum grant and 20.9 percent of dependents and 26.8 percent of dependents receiving grants less than $\$ 900$.

TABLE 17-A
DISTRIBUTION OF PELL GRANT RECIPIENTS QUALIFIED UNDER DISPLACED HOMEMAKER PROVISION
BY FAMILY INCOME AND GRANT LEVEL
ALL RECIPIENTS - AWARD PERIOD 1989-90

| FAMILY INCOME: | GRANT LEVEL |  |  |  |  |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} \$ 1- \\ 299 \end{array}$ | $\begin{gathered} \$ 300- \\ 599 \end{gathered}$ | $\begin{array}{r} \$ 600- \\ 899 \end{array}$ | $\begin{aligned} & \$ 900- \\ & 1,199 \end{aligned}$ | $\begin{gathered} \$ 1,200- \\ 1,499 \end{gathered}$ | $\begin{aligned} & 1,500- \\ & 1,799 \end{aligned}$ | $\begin{gathered} \$ 1,800- \\ 2,099 \end{gathered}$ | $\begin{array}{r} \$ 2,100- \\ 2,299 \end{array}$ | \$2,300 |  |  |
| LESS THAN \$1,001....... | 48 | 282 | 384 | 606 | 280 | 476 | 479 | 405 | 847 | 3,807 | N |
|  | 1.3\% | 7.4\% | 10.1\% | 15.9\% | 7.4\% | 12.5\% | 12.6\% | 10.6\% | 22.2\% | 100.0\% | R\% |
|  | 2.6\% | 4.7\% | 5.5\% | 6.5\% | 4.2\% | 5.9\% | 6.0\% | 6.6\% | 9.6\% | 6.2\% | C\% |
| \$1,001-3,000............. | 75 | 364 | 430 | 763 | 421 | 603 | 566 | 543 | 1,190 | 4,955 | N |
|  | 1.5\% | 7.3\% | 8.7\% | 15.4\% | 8.5\% | 12.2\% | 11.4\% | 11.0\% | 24.0\% | 100.0\% | R\% |
|  | 4.0\% | 6.1\% | 6.2\% | 8.1\% | 6.3\% | 7.5\% | 7.1\% | 8.9\% | 13.5\% | 8.0\% | C\% |
| \$3,001-6,000............. | 126 | 682 | 850 | 1,696 | 872 | 1,321 | 1,370 | 1,286 | 2,760 | 10,963 | N |
|  | 1.1\% | 6.2\% | 7.8\% | 15.5\% | 8.0\% | 12.0\% | 12.5\% | 11.7\% | 25.2\% | 100.0\% | R\% |
|  | 6.8\% | 11.4\% | 12.2\% | 18.1\% | 13.1\% | 16.4\% | 17.2\% | 21.1\% | 31.3\% | 17.7\% | C\% |
| \$6,001-9,000............. | 161 | 679 | 890 | 1,439 | 838 | 1,214 | 1,192 | 1,139 | 2,182 | 9,734 | N |
|  | 1.7\% | 7.0\% | 9.1\% | 14.8\% | 8.6\% | 12.5\% | 12.2\% | 11.7\% | 22.4\% | 100.0\% | R\% |
|  | 8.7\% | 11.3\% | 12.8\% | 15.3\% | 12.6\% | 15.0\% | 15.0\% | 18.6\% | 24.8\% | 15.7\% | C\% |
| \$9,001-15,000............. | 220 | 923 | 1,123 | 1,717 | 1,159 | 1,569 | 2,156 | 1,964 | 1,570 | 12,401 | N |
|  | 1.8\% | 7.4\% | 9.1\% | 13.8\% | 9.3\% | 12.7\% | 17.4\% | 15.8\% | 12.7\% | 100.0\% | R\% |
|  | 11.8\% | 15.4\% | 16.2\% | 18.3\% | 17.4\% | 19.4\% | 27.1\% | 32.2\% | 17.8\% | 20.1\% | C\% |
| \$15,001-20,000............ | 161 | 772 | 997 | 1,175 | 1,279 | 1,526 | 1,457 | 643 | 214 | 8,224 | N |
|  | 2.0\% | 9.4\% | 12.1\% | 14.3\% | 15.6\% | 18.6\% | 17.7\% | 7.8\% | 2.6\% | 100.0\% | R\% |
|  | 8.7\% | 12.8\% | 14.3\% | 12.5\% | 19.2\% | 18.9\% | 18.3\% | 10.5\% | 2.4\% | 13.3\% | C\% |
| \$20,001-30,000............ | 669 | 1,635 | 1,745 | 1,577 | 1,454 | 1,194 | 716 | 124 | 40 | 9,154 | N |
|  | 7.3\% | 17.9\% | 19.1\% | 17.2\% | 15.9\% | 13.0\% | 7.8\% | 1.4\% | 0.4\% | 100.0\% | R\% |
|  | 36.0\% | 27.2\% | 25.1\% | 16.8\% | 21.9\% | 14.8\% | 9.0\% | 2.0\% | 0.5\% | 14.8\% | C\% |
| \$30,001-40,000............ | 328 | 538 | 449 | 353 | 307 | 164 | 32 | 4 | 4 | 2,179 | N |
|  | 15.1\% | 24.7\% | 20.6\% | 16.2\% | 14.1\% | 7.5\% | 1.5\% | 0.2\% | 0.2\% | 100.0\% | R\% |
|  | 17.6\% | 9.0\% | 6.5\% | 3.8\% | 4.6\% | 2.0\% | 0.4\% | 0.1\% | 0.0\% | 3.5\% | C\% |
| \$40,001 +..................... | 71 | 133 | 80 | 63 | 40 | 12 | 2 | 0 | 2 | 403 | N |
|  | 17.6\% | 33.0\% | 19.9\% | 15.6\% | 9.9\% | 3.0\% | 0.5\% | 0.0\% | 0.5\% | 100.0\% | R\% |
|  | 3.8\% | 2.2\% | 1.2\% | 0.7\% | 0.6\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 0.7\% | C\% |
| TOTAL......................... | 1,859 | 6,008 | 6,948 | 9,389 | 6,650 | 8,079 | 7,970 | 6,108 | 8,809 | 61,820 | N |
|  | 3.0\% | 9.7\% | 11.2\% | 15.2\% | 10.8\% | 13.1\% | 12.9\% | 9.9\% | 14.2\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

TABLE 17-B
DISTRIBUTION OF PELL GRANT RECIPIENTS QUALIFIED UNDER DISPLACED HOMEMAKER PROVISION
BY FAMILY INCOME AND GRANT LEVEL
DEPENDENT RECIPIENTS - AWARD PERIOD 1989-90

| FAMILY INCOME: | GRANT LEVEL |  |  |  |  |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} \$ 1- \\ 299 \end{array}$ | $\begin{gathered} \$ 300- \\ 599 \end{gathered}$ | $\begin{array}{r} \$ 600- \\ 899 \end{array}$ | $\begin{aligned} & \$ 900- \\ & 1,199 \end{aligned}$ | $\begin{gathered} \$ 1,200- \\ 1,499 \end{gathered}$ | $\begin{aligned} & 1,500- \\ & 1,799 \end{aligned}$ | $\begin{gathered} \$ 1,800- \\ 2,099 \end{gathered}$ | $\begin{array}{r} \$ 2,100- \\ 2,299 \end{array}$ | \$2,300 |  |  |
| LESS THAN \$1,001....... | 9 | 36 | 82 | 152 | 81 | 132 | 175 | 215 | 249 | 1,131 | N |
|  | 0.8\% | 3.2\% | 7.3\% | 13.4\% | 7.2\% | 11.7\% | 15.5\% | 19.0\% | 22.0\% | 100.0\% | R\% |
|  | 1.1\% | 1.5\% | 2.7\% | 3.7\% | 2.3\% | 3.4\% | 4.3\% | 5.7\% | 6.4\% | 3.8\% | C\% |
| \$1,001-3,000............ | 18 | 86 | 144 | 248 | 188 | 190 | 194 | 324 | 464 | 1,856 | N |
|  | 1.0\% | 4.6\% | 7.8\% | 13.4\% | 10.1\% | 10.2\% | 10.5\% | 17.5\% | 25.0\% | 100.0\% | R\% |
|  | 2.2\% | 3.7\% | 4.7\% | 6.0\% | 5.4\% | 4.9\% | 4.8\% | 8.5\% | 11.9\% | 6.3\% | C\% |
| \$3,001-6,000............. | 31 | 183 | 275 | 631 | 356 | 526 | 552 | 761 | 1,219 | 4,534 | N |
|  | 0.7\% | 4.0\% | 6.1\% | 13.9\% | 7.9\% | 11.6\% | 12.2\% | 16.8\% | 26.9\% | 100.0\% | R\% |
|  | 3.9\% | 7.9\% | 9.0\% | 15.2\% | 10.2\% | 13.5\% | 13.5\% | 20.0\% | 31.4\% | 15.4\% | C\% |
| \$6,001-9,000............. | 52 | 187 | 317 | 571 | 367 | 499 | 517 | 717 | 978 | 4,205 | N |
|  | 1.2\% | 4.4\% | 7.5\% | 13.6\% | 8.7\% | 11.9\% | 12.3\% | 17.1\% | 23.3\% | 100.0\% | R\% |
|  | 6.5\% | 8.0\% | 10.4\% | 13.7\% | 10.5\% | 12.8\% | 12.7\% | 18.9\% | 25.2\% | 14.2\% | C\% |
| \$9,001-15,000............. | 90 | 312 | 500 | 785 | 610 | 802 | 1,204 | 1,247 | 799 | 6,349 | N |
|  | 1.4\% | 4.9\% | 7.9\% | 12.4\% | 9.6\% | 12.6\% | 19.0\% | 19.6\% | 12.6\% | 100.0\% | R\% |
|  | 11.2\% | 13.4\% | 16.4\% | 18.9\% | 17.4\% | 20.5\% | 29.5\% | 32.8\% | 20.6\% | 21.5\% | C\% |
| \$15,001-20,000............ | 82 | 309 | 420 | 555 | 733 | 833 | 876 | 429 | 142 | 4,379 | N |
|  | 1.9\% | 7.1\% | 9.6\% | 12.7\% | 16.7\% | 19.0\% | 20.0\% | 9.8\% | 3.2\% | 100.0\% | R\% |
|  | 10.2\% | 13.3\% | 13.8\% | 13.4\% | 20.9\% | 21.3\% | 21.5\% | 11.3\% | 3.7\% | 14.8\% | C\% |
| \$20,001-30,000............ | 296 | 749 | 927 | 878 | 879 | 771 | 531 | 104 | 28 | 5,163 | N |
|  | 5.7\% | 14.5\% | 18.0\% | 17.0\% | 17.0\% | 14.9\% | 10.3\% | 2.0\% | 0.5\% | 100.0\% | R\% |
|  | 36.9\% | 32.2\% | 30.4\% | 21.1\% | 25.1\% | 19.7\% | 13.0\% | 2.7\% | 0.7\% | 17.5\% | C\% |
| \$30,001-40,000............ | 166 | 354 | 322 | 275 | 254 | 141 | 29 | 3 | 3 | 1,547 | N |
|  | 10.7\% | 22.9\% | 20.8\% | 17.8\% | 16.4\% | 9.1\% | 1.9\% | 0.2\% | 0.2\% | 100.0\% | R\% |
|  | 20.7\% | 15.2\% | 10.5\% | 6.6\% | 7.2\% | 3.6\% | 0.7\% | 0.1\% | 0.1\% | 5.2\% | C\% |
| \$40,001 +..................... | 58 | 110 | 67 | 58 | 38 | 12 | 2 | 0 | 2 | 347 | N |
|  | 16.7\% | 31.7\% | 19.3\% | 16.7\% | 11.0\% | 3.5\% | 0.6\% | 0.0\% | 0.6\% | 100.0\% | R\% |
|  | 7.2\% | 4.7\% | 2.2\% | 1.4\% | 1.1\% | 0.3\% | 0.0\% | 0.0\% | 0.1\% | 1.2\% | C\% |
| TOTAL......................... | 802 | 2,326 | 3,054 | 4,153 | 3,506 | 3,906 | 4,080 | 3,800 | 3,884 | 29,511 | N |
|  | 2.7\% | 7.9\% | 10.3\% | 14.1\% | 11.9\% | 13.2\% | 13.8\% | 12.9\% | 13.2\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

TABLE 17-C
DISTRIBUTION OF PELL GRANT RECIPIENTS QUALIFIED UNDER DISPLACED HOMEMAKER PROVISION
BY FAMILY INCOME AND GRANT LEVEL
INDEPENDENT RECIPIENTS - AWARD PERIOD 1989-90

| FAMILY INCOME: | GRANT LEVEL |  |  |  |  |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} \$ 1- \\ 299 \end{array}$ | $\begin{gathered} \$ 300- \\ 599 \end{gathered}$ | $\begin{array}{r} \$ 600- \\ 899 \end{array}$ | $\begin{aligned} & \$ 900- \\ & \mathbf{1 , 1 9 9} \end{aligned}$ | $\begin{gathered} \$ 1,200- \\ 1,499 \end{gathered}$ | $\begin{aligned} & 1,500- \\ & 1,799 \end{aligned}$ | $\begin{array}{r} \$ 1,800- \\ 2,099 \end{array}$ | $\begin{array}{r} \$ 2,100- \\ 2,299 \end{array}$ | \$2,300 |  |  |
| LESS THAN \$1,001....... | 39 | 246 | 302 | 454 | 199 | 344 | 304 | 190 | 598 | 2,676 | N |
|  | 1.5\% | 9.2\% | 11.3\% | 17.0\% | 7.4\% | 12.9\% | 11.4\% | 7.1\% | 22.3\% | 100.0\% | R\% |
|  | 3.7\% | 6.7\% | 7.8\% | 8.7\% | 6.3\% | 8.2\% | 7.8\% | 8.2\% | 12.1\% | 8.3\% | C\% |
| \$1,001-3,000............. | 57 | 278 | 286 | 515 | 233 | 413 | 372 | 219 | 726 | 3,099 | N |
|  | 1.8\% | 9.0\% | 9.2\% | 16.6\% | 7.5\% | 13.3\% | 12.0\% | 7.1\% | 23.4\% | 100.0\% | R\% |
|  | 5.4\% | 7.6\% | 7.3\% | 9.8\% | 7.4\% | 9.9\% | 9.6\% | 9.5\% | 14.7\% | 9.6\% | C\% |
| \$3,001-6,000............. | 95 | 499 | 575 | 1,065 | 516 | 795 | 818 | 525 | 1,541 | 6,429 | N |
|  | 1.5\% | 7.8\% | 8.9\% | 16.6\% | 8.0\% | 12.4\% | 12.7\% | 8.2\% | 24.0\% | 100.0\% | R\% |
|  | 9.0\% | 13.6\% | 14.8\% | 20.3\% | 16.4\% | 19.1\% | 21.0\% | 22.7\% | 31.3\% | 19.9\% | C\% |
| \$6,001-9,000.............. | 109 | 492 | 573 | 868 | 471 | 715 | 675 | 422 | 1,204 | 5,529 | N |
|  | 2.0\% | 8.9\% | 10.4\% | 15.7\% | 8.5\% | 12.9\% | 12.2\% | 7.6\% | 21.8\% | 100.0\% | R\% |
|  | 10.3\% | 13.4\% | 14.7\% | 16.6\% | 15.0\% | 17.1\% | 17.4\% | 18.3\% | 24.4\% | 17.1\% | C\% |
| \$9,001-15,000............. | 130 | 611 | 623 | 932 | 549 | 767 | 952 | 717 | 771 | 6,052 | N |
|  | 2.1\% | 10.1\% | 10.3\% | 15.4\% | 9.1\% | 12.7\% | 15.7\% | 11.8\% | 12.7\% | 100.0\% | R\% |
|  | 12.3\% | 16.6\% | 16.0\% | 17.8\% | 17.5\% | 18.4\% | 24.5\% | 31.1\% | 15.7\% | 18.7\% | C\% |
| \$15,001-20,000............ | 79 | 463 | 577 | 620 | 546 | 693 | 581 | 214 | 72 | 3,845 | N |
|  | 2.1\% | 12.0\% | 15.0\% | 16.1\% | 14.2\% | 18.0\% | 15.1\% | 5.6\% | 1.9\% | 100.0\% | R\% |
|  | 7.5\% | 12.6\% | 14.8\% | 11.8\% | 17.4\% | 16.6\% | 14.9\% | 9.3\% | 1.5\% | 11.9\% | C\% |
| \$20,001-30,000............ | 373 | 886 | 818 | 699 | 575 | 423 | 185 | 20 | 12 | 3,991 | N |
|  | 9.3\% | 22.2\% | 20.5\% | 17.5\% | 14.4\% | 10.6\% | 4.6\% | 0.5\% | 0.3\% | 100.0\% | R\% |
|  | 35.3\% | 24.1\% | 21.0\% | 13.3\% | 18.3\% | 10.1\% | 4.8\% | 0.9\% | 0.2\% | 12.4\% | C\% |
| \$30,001-40,000............ | 162 | 184 | 127 | 78 | 53 | 23 | 3 | 1 | 1 | 632 | N |
|  | 25.6\% | 29.1\% | 20.1\% | 12.3\% | 8.4\% | 3.6\% | 0.5\% | 0.2\% | 0.2\% | 100.0\% | R\% |
|  | 15.3\% | 5.0\% | 3.3\% | 1.5\% | 1.7\% | 0.6\% | 0.1\% | 0.0\% | 0.0\% | 2.0\% | C\% |
| \$40,001 +..................... | 13 | 23 | 13 | 5 | 2 | 0 | 0 | 0 | 0 | 56 | N |
|  | 23.2\% | 41.1\% | 23.2\% | 8.9\% | 3.6\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 100.0\% | R\% |
|  | 1.2\% | 0.6\% | 0.3\% | 0.1\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.2\% | C\% |
| TOTAL......................... | 1,057 | 3,682 | 3,894 | 5,236 | 3,144 | 4,173 | 3,890 | 2,308 | 4,925 | 32,309 | N |
|  | 3.3\% | 11.4\% | 12.1\% | 16.2\% | 9.7\% | 12.9\% | 12.0\% | 7.1\% | 15.2\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

## Table 18

# Summary Statistics for Pell Grant Applicant Special Condition Filers 

Award Period 1989-90

Table 18 summarizes statistics for the 1.2 percent of applicants who are valid special condition filers. Special conditions refer to the Secretary of Education's authority to prescribe certain circumstances under which the Student Aid Index can be calculated using the family's expected year income rather than the base year income. For example, in the 1989-90 award year, 1989 income replaces 1988 income.

For dependents, reasons for filing an application under a special condition pertain to a drastic drop in the parent's income, for reasons ranging from death of a parent to loss of employment. For independents, the reasons pertain to the student's or spouse's change in income and the special condition status may be used to help an applicant who is leaving a fulltime job or reducing work hours in order to attend school, as well as for circumstances similar to those affecting dependent students.

Most Special Condition Filers are Independent. Figure 21 shows that of those submitting valid special condition applications, significantly more are independents than dependent students ( 74.7 percent versus 25.3 percent). And a consistently higher number of special condition filers who receive Pell Grants are independent ( 75.7 percent) than dependent (24.3 percent). Independents receive 78.2
percent of the total expenditures for special condition filers. This is consistent with the fact that a considerably higher number of independent apply as special condition filers.

Independents Receive Higher Grants. The average grant for special condition recipients of Pell Grants is higher for independents $(\$ 1,599)$ than for dependents ( $\$ 1,387$ ).

Special condition recipients are 1.9 percent of recipients, 2.4 percent of independents and 1.1 percent of dependents (not in this table). Expenditures of $\$ 92.5$ million for special condition filers are 2.0 percent of all Pell Grant expenditures. The average grant $(\$ 1,548)$ for all special condition filers is $\$ 110$ higher than the average Pell Grant award of $\$ 1,438$.


Figure 21: Special Condition Applicants and Recipients by Dependency Status

TABLE 18


## CHAPTER 4

## distribution of verified pell grant recipients by income and GRANT LEVEL

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

Award Period 1989-90

Table 19 presents the relationship between family income and grant level for recipients selected for verification, 27.0 percent of the recipient population.

Comparing Table 19 with others indicates that recipients reporting lower incomes are less likely to be selected for verification than those with higher income. Of recipients reporting income of less than $\$ 9,000$ only 18.7 percent were selected for verification. By comparison, over 37 percent of recipients reporting income greater than $\$ 20,000$ were selected.

Those Selected For Verification Have Higher Income and Lower Grants. Figure 22 shows that of the verified population, 35.9 percent report family income of $\$ 9,000$ or less and 28.0 percent report income greater than $\$ 20,000$. By comparison, almost 57.6 percent of non-verified recipients report income of $\$ 9,000$ or less and only 17.2 percent of those not verified reported income above $\$ 20,000$.

A comparison of the data in Table 3 with that of Table 19 shows that recipients with lower grants (and generally higher incomes) are more likely to be selected for verification. Among those receiving grants up to $\$ 900,27.9$ percent were selected for verification. In
contrast only 23.9 percent of those receiving grants greater than $\$ 1,800$ were selected.

The distribution of grants among those selected for verification indicates that selected recipients are awarded slightly smaller grants. This can be explained by the earlier discussion that recipients selected for verification report relatively higher incomes, and thus qualify for smaller grants. For example, 27.9 percent of selected applicants with grants less than $\$ 900$, compared to 24.4 percent of non-selected recipients. About 31.9 percent of recipients selected for verification receive grants greater than $\$ 1,800$, compared to 37.4 percent of recipients not selected for verification.


Figure 22: Income for Verified and NonVerified Recipients

TABLE 19
DISTRIBUTION OF VERIFIED PELL GRANT RECIPIENTS
BY FAMILY INCOME AND GRANT LEVEL
ALL VERIFIED RECIPIENTS - AWARD PERIOD 1989-90

| FAMILY INCOME: | GRANT LEVEL |  |  |  |  |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} \$ 1- \\ 299 \end{array}$ | $\begin{gathered} \$ 300- \\ 599 \end{gathered}$ | $\begin{gathered} \$ 600- \\ 899 \end{gathered}$ | $\begin{gathered} \$ 900- \\ \mathbf{1 , 1 9 9} \end{gathered}$ | $\begin{gathered} \$ 1,200- \\ 1,499 \end{gathered}$ | $\begin{gathered} \$ 1,500- \\ 1,799 \end{gathered}$ | $\begin{gathered} \$ 1,800- \\ 2,099 \end{gathered}$ | $\begin{gathered} \$ 2,100- \\ 2,299 \end{gathered}$ | \$2,300 |  |  |
| Less Than \$1,001......... | 642 | 2,672 | 3,223 | 6,630 | 2,651 | 4,339 | 5,055 | 4,616 | 11,595 | 41,423 | N |
|  | 1.5\% | 6.5\% | 7.8\% | 16.0\% | 6.4\% | 10.5\% | 12.2\% | 11.1\% | 28.0\% | 100.0\% | R\% |
|  | 1.9\% | 2.7\% | 2.8\% | 4.6\% | 2.6\% | 3.7\% | 4.8\% | 7.1\% | 10.1\% | 4.6\% | C\% |
| \$1,001-3,000............ | 585 | 3,017 | 4,866 | 9,965 | 3,492 | 7,074 | 6,755 | 5,186 | 19,868 | 60,808 | N |
|  | 1.0\% | 5.0\% | 8.0\% | 16.4\% | 5.7\% | 11.6\% | 11.1\% | 8.5\% | 32.7\% | 100.0\% | R\% |
|  | 1.7\% | 3.0\% | 4.2\% | 6.9\% | 3.5\% | 6.1\% | 6.4\% | 8.0\% | 17.4\% | 6.8\% | C\% |
| \$3,001 - 6,000............ | 1,031 | 5,827 | 9,671 | 20,232 | 6,935 | 14,224 | 13,251 | 10,474 | 38,453 | 120,098 | N |
|  | 0.9\% | 4.9\% | 8.1\% | 16.8\% | 5.8\% | 11.8\% | 11.0\% | 8.7\% | 32.0\% | 100.0\% | R\% |
|  | 3.0\% | 5.8\% | 8.4\% | 14.0\% | 6.9\% | 12.2\% | 12.5\% | 16.1\% | 33.6\% | 13.4\% | C\% |
| \$6,001-9,000............ | 1,752 | 7,557 | 10,548 | 16,559 | 9,112 | 12,406 | 11,864 | 9,317 | 20,344 | 99,459 | N |
|  | 1.8\% | 7.6\% | 10.6\% | 16.6\% | 9.2\% | 12.5\% | 11.9\% | 9.4\% | 20.5\% | 100.0\% | R\% |
|  | 5.1\% | 7.6\% | 9.2\% | 11.5\% | 9.1\% | 10.7\% | 11.2\% | 14.3\% | 17.8\% | 11.1\% | C\% |
| \$9,001 - 15,000........... | 4,732 | 13,642 | 15,904 | 25,336 | 15,395 | 19,609 | 29,410 | 23,355 | 19,644 | 167,027 | N |
|  | 2.8\% | 8.2\% | 9.5\% | 15.2\% | 9.2\% | 11.7\% | 17.6\% | 14.0\% | 11.8\% | 100.0\% | R\% |
|  | 13.6\% | 13.6\% | 13.8\% | 17.5\% | 15.3\% | 16.9\% | 27.7\% | 35.8\% | 17.2\% | 18.6\% | C\% |
| \$15,001 - 20,000.......... | 3,245 | 13,826 | 21,205 | 23,234 | 24,474 | 30,943 | 25,783 | 9,879 | 3,738 | 156,327 | N |
|  | 2.1\% | 8.8\% | 13.6\% | 14.9\% | 15.7\% | 19.8\% | 16.5\% | 6.3\% | 2.4\% | 100.0\% | R\% |
|  | 9.4\% | 13.8\% | 18.4\% | 16.1\% | 24.4\% | 26.6\% | 24.3\% | 15.2\% | 3.3\% | 17.4\% | C\% |
| \$20,001 - 30,000.......... | 11,923 | 33,094 | 35,064 | 32,227 | 30,688 | 24,092 | 13,142 | 2,218 | 700 | 183,148 | N |
|  | 6.5\% | 18.1\% | 19.1\% | 17.6\% | 16.8\% | 13.2\% | 7.2\% | 1.2\% | 0.4\% | 100.0\% | R\% |
|  | 34.4\% | 33.1\% | 30.4\% | 22.3\% | 30.6\% | 20.7\% | 12.4\% | 3.4\% | 0.6\% | 20.4\% | C\% |
| \$30,001 - 40,000.......... | 6,379 | 12,602 | 10,552 | 8,258 | 6,746 | 3,293 | 833 | 109 | 63 | 48,835 | N |
|  | 13.1\% | 25.8\% | 21.6\% | 16.9\% | 13.8\% | 6.7\% | 1.7\% | 0.2\% | 0.1\% | 100.0\% | R\% |
|  | 18.4\% | 12.6\% | 9.2\% | 5.7\% | 6.7\% | 2.8\% | 0.8\% | 0.2\% | 0.1\% | 5.4\% | C\% |
| \$40,001 + ..................... | 4,397 | 7,780 | 4,224 | 2,089 | 854 | 212 | 52 | 14 | 23 | 19,645 | N |
|  | 22.4\% | 39.6\% | 21.5\% | 10.6\% | 4.3\% | 1.1\% | 0.3\% | 0.1\% | 0.1\% | 100.0\% | R\% |
|  | 12.7\% | 7.8\% | 3.7\% | 1.4\% | 0.9\% | 0.2\% | 0.0\% | 0.0\% | 0.0\% | 2.2\% | C\% |
| Total........................... | 34,686 | 100,017 | 115,257 | 144,530 | 100,347 | 116,192 | 106,145 | 65,168 | 114,428 | 896,770 | N |
|  | 3.9\% | 11.2\% | 12.9\% | 16.1\% | 11.2\% | 13.0\% | 11.8\% | 7.3\% | 12.8\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

## CHAPTER 5

## SUMMARY STATISTICS FOR THE MULTIPLE DATA ENTRY SYSTEM

Table 20

# Multiple Data Entry Summary Statistics 

Award Period 1989-90

Table 20 presents summary statistics by application source for all Pell Grant applicants. These statistics include information on official applicants, valid applicants (official applicants less applications returned for insufficient data and never re-submitted), and applicants selected for verification, as well as data on Pell Grant recipients per application source.

In 1989-90, students can apply for a Pell Grant by completing the Federal application (Application for Federal Student Aid) or one of four Multiple Data Entry (MDE) applications: the American College Testing (ACT) Program's Family Financial Statement; College Scholarship Service's (CSS) Financial Aid Form; the Pennsylvania Higher Education Assistance Agency (PHEAA) form; or the illinois State Scholarship Commission (ISSC) form. These MDEs are unchanged from 1988-89.

MDE Shares Remain Constant. Looking at the percentage of official applicants using each form, as shown in Table 20, the CSS form remains the most used at 42.4 percent, followed by the Federal form ( 32.4 percent) and the ACT (19.9 percent), PHEAA 14.2 percent), and ISSC ( 1.1 percent) forms. Another important indicator of MDE activity is share of applications compared to the previous year. There was little change across this period of time. The Federal share decreased 1
percent, CSS and ACT each increased by less than .5 percent, and the other MDEs remained essentially unchanged.

Overall, application volume since 1988-89 increased by 4.0 percent and Pell recipients increased by 3.9 percent. MDE volumes increased by similar amounts, as suggested by their approximately constant shares of applications. PHEAA has the largest increase ( 8.0 percent), followed by ACT at 6.4 percent, CSS at 4.9 percent, and ISSC at 4.2 percent. The Federal volume increased by less than 1 percent.

Federal Applicants Qualify at the Highest Rate. Table 20 indicates that there is substantial variation by application source in the percentage of applicants who are eligible or qualified to receive a Pell Grant. Eligibility is based on financial need; an applicant with a Student Aid Index of 2,100 or less qualifies for a Pell Grant. While more than one fourth (26.8 percent) of all applicants do not qualify, only 11.4 percent of Federal applicants fail to qualify. (In addition, 5.4 percent of Federal applicants fail to revise and return incomplete applications, compared to 9.0 percent of all applicants; thus their eligibility cannot be determined.) Two MDEs have the highest proportions of non-qualified applicants: PHEAA at 43.5 percent and CSS at 36.3 percent.
(CSS also has the highest percentage of "rejected" applicants who fail to return the application with additional information at 12.3 percent.) ACT applicants mirror the general population, with 28.6 percent not qualified and 8.7 percent rejected. Only 17.9 percent of ISSC applicants do not qualify.

Figure 23 shows the percentage of applicants qualified, not qualified, and rejected for insufficient information by application source along with percentage of qualified applicants receiving a Pell Grant, who are discussed below.


Figure 23: Applicant Qualification Status by Source

Federal Applicants Most Likely to Become Recipients. As was the case in previous years, Table 20 shows that the proportion of official applicants and qualified applicants receiving grants varies considerably according to the application source. Qualified students using ISSC and the Federal application are least likely to become recipients 172.4 percent and 70.5 percent of qualified applicants, respectively), probably because many of them choose not to enroll in school. Qualified students using the
other MDEs are about equally likely to receive a Pell Grant ( 82.8 percent for ACT, 80.1 percent for CSS, and 77.8 percent for PHEAA).

The average grants by application source vary due to differences in applicant family's financial circumstances, educational cost and enrollment status by application source. The largest average grant went to students using the Federal form ( $\$ 1,452$ ), probably because these applicants generally have lower incomes. This group is followed in average grant size by applicants using $\operatorname{ACT}(\$ 1,438)$, CSS $(\$ 1,432)$, and PHEAA $(\$ 1,430)$-- groups with higher incomes who tend to enroll at institutions with higher costs. ISSC applicants receive the lowest average grant ( $\$ 1,235$ ), probably because they attend lower cost institutions.

Selection for Verification Rates Are Consistent with Target. The rate at which qualified or eligible applicants are selected for verification by MDE also is depicted in Table 20. There is relatively modest variation by application source, ranging from 26.5 percent for Federal form applicants to 33.0 percent for CSS applicants. The variation that exists is most likely a function of income, as shown in Table 21. Those application sources with the lowest selection for verification rates -- Federal and ISSC -- have more lower income applicants, while those with the highest selection for verification rates -- CSS and PHEAA -- have more applicants with higher income. Overall, the rate of selection for verification is 29.4 percent -- very close to the 30 percent target.

TABLE 20
MULTIPLE DATA ENTRY SUMMARY STATISTICS ALL APPLICANTS - AWARD YEAR 1989-90

|  | FEDERAL | ACT | CSS | PHEAA | ISSC | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NUMBER OF APPLICANTS |  |  |  |  |  |  |
| SUBMITTING OFFICIAL APPLICATIONS | 2,193,271 | 1,347,448 | 2,876,771 | 285,836 | 74,666 | 6,777,992 |
| NUMBER OF APPLICANTS |  |  |  |  |  |  |
| SUBMITTING VALID APPLICATIONS | 2,075,562 | 1,230,198 | 2,523,321 | 266,928 | 69,300 | 6,165,309 |
| NUMBER AND PERCENT OF |  |  |  |  |  |  |
| ELIGIBLE | 1,825,061 | 844,481 | 1,479,653 | 142,563 | 55,923 | 4,347,681 |
| APPLICANTS | 83.21 | 62.67 | 51.43 | 49.88 | 74.90 | 64.14 |
| NUMBER AND PERCENT OF |  |  |  |  |  |  |
| INELIGIBLE | 250,501 | 385,717 | 1,043,668 | 124,365 | 13,377 | 1,817,628 |
| APPLICANTS | 11.42 | 28.63 | 36.28 | 43.51 | 17.92 | 26.82 |
| NUMBER AND PERCENT OF |  |  |  |  |  |  |
| APPLICATIONS RETURNED FOR INSUFFICIENT DATA | 117,709 | 117,250 | 353,450 | 18,908 | 5,366 | 612,683 |
| NEVER RE-SUBMITTED FOR PROCESSING | 5.37 | 8.70 | 12.29 | 6.61 | 7.19 | 9.04 |
| NUMBER OF APPLICANTS |  |  |  |  |  |  |
| SUBMITTING UNOFFICIAL APPLICATIONS | 105,915 | 49,956 | 95,859 | 44,714 | 5,214 | 301,658 |
| NUMBER OF APPLICANTS |  |  |  |  |  |  |
| SELECTED FOR VALIDATION | 484,412 | 243,824 | 488,752 | 44,795 | 15,614 | 1,277,397 |
| NUMBER OF PELL GRANT |  |  |  |  |  |  |
| RECIPIENTS | 1,286,797 | 699,381 | 1,184,620 | 110,845 | 40,508 | 3,322,151 |
| TOTAL EXPENDITURES | \$1,868,119,561 | \$1,005,363,941 | \$1,695,829,867 | \$158,513,081 | \$50,017,782 | \$4,777,844,232 |
| AVERAGE GRANT | \$1,452 | \$1,438 | \$1,432 | \$1,430 | \$1,235 | \$1,438 |

## Table 21

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

Award Period 1989-90

21A - Total<br>21B - Dependents<br>21C - Independents

Table 21A, 21B, and 21C display the distribution of Pell Grant recipients by family income for each application source or Multiple Data Entry (MDE) processor. These tables present this information for total recipients, dependents, and independents, respectively.

Most Recipients Use Federal Form to Apply. Table 20 showed that the CSS form is most frequently used by applicants for a Pell Grant. However, as Table 21A, indicates; the Federal form is most often used by Pell recipients. In 1989-90, 38.7 percent of recipients apply for a Pell Grant using the Federal form, 35.7 percent use the CSS form, 21.1 percent use ACT's form, 3.3 percent use PHEAA's form, and 1.2 percent use ISSC's form. These percentages remain essentially unchanged from last year, as do the percentages of applicants using each MDE in Table 20.

Most Dependent Recipients Use CSS; Most Independents Use Federal Form. Figure 24 illustrates the differences between dependents and independents in the application sources used, also presented in Tables 21B and 21C.

Dependent recipients are most likely to apply through CSS ( 44.6 percent), followed by the Federal form processor ( 26.1 percent), ACT ( 23.6 percent), PHEAA ( 4.8 percent), and ISSC (. 9 percent). In contrast, independent recipients are most likely to use the Federal form ( 47.5 percent), followed by CSS $(29.5$ percent), ACT (19.3 percent), PHEAA (2.3 percent), and ISSC (1.5 percent). This continues the pattern observed in 1988-89.


Figure 24: Distribution of Recipients' Application Source by Dependency Status

Looking at these data on dependency status another way, recipients using the Federal and ISSC forms are mostly independent, while
those using the ACT, CSS, and PHEAA forms are closely split or tend to be dependent. independents comprise 72.3 percent of Federal form users and 71.3 percent of ISSC users. In contrast, independents are only 40.7 percent of PHEAA recipients. A slight majority 153.9 percent) of ACT recipients are independent, while just under half ( 48.7 percent) of CSS recipients are independent. Most of these percentages are similar to those observed last year, with CSS and ACT showing slight (about 1 percent) increases in percentage of independent recipients.

## More Federal Form Recipients Have Lower Incomes; ACT, CSS, and PHEAA Recipients Have Higher Incomes. Differences in income by MDE used are consistent with differences in institution attended by those at various income levels (see Table 6) and the population served by each MDE.

- A substantial majority of Federal form recipients ( 63.5 percent) and ISSC recipients ( 60.1 percent) have family incomes of $\$ 9,000$ or less. Only 11.1 percent of Federal form recipients and 15.2 . percent of ISSC recipients report family incomes of $\$ 20,000$ or more.
- Fewer recipients among the other MDEs are in the lowest income groups; 44.3 percent of CSS recipients, 44.2 percent of ACT recipients, and 39.3 percent of PHEAA
recipients are from families with incomes of $\$ 9,000$ or less. More recipients using the other MDEs are in the highest income groups; 25.0 percent of ACT recipients, 26.1 percent of CSS recipients, and 32.3 percent of PHEAA recipients are from families with incomes of $\$ 20,000$ or more.

These income patterns hold only for dependent students.

- Among dependent Pell recipients, lower income families (earning $\$ 9,000$ or less) outnumber higher income families (earning $\$ 20.000$ or more) by two to one $(42.6$ percent to 21.1 percent). Among ACT and CSS dependent recipients the opposite relationship holds, with higher income groups outnumbering lower income groups by about two to one ( 40.9 percent to 22.1 percent for ACT; 41.7 percent to 21.7 percent for CSS).
- Among independent recipients there are only small income differences by application source. Lower income recipients are 71.5 percent of Federal form users, 71.0 percent of ISSC users, 69.9 percent of PHEAA users, 68.1 percent of CSS users, and 63.1 percent of ACT users. Higher income differences among the application sources for independent recipients range from 7.3 percent for Federal form users to 11.4 percent for ACT users.

TABLE 21-A
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY FAMILY INCOME AND MULTIPLE DATA ENTRY APPLICATION
ALL RECIPIENTS - AWARD PERIOD 1989-90

| FAMILY INCOME | APPLICATION SOURCE |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FEDERAL | ACT | CSS | PHEAA | ISCC |  |  |
|  |  |  |  |  |  |  |  |
| LESS THAN \$1,001....... | 107,448 | 39,391 | 64,537 | 5,069 | 2,568 | 219,013 | N |
|  | 49.1\% | 18.0\% | 29.5\% | 2.3\% | 1.2\% | 100.0\% | R\% |
|  | 8.4\% | 5.6\% | 5.4\% | 4.6\% | 6.3\% | 6.6\% | C\% |
| \$1,001-3,000............. | 161,959 | 53,380 | 83,104 | 6,725 | 6,090 | 311,258 | N |
|  | 52.0\% | 17.1\% | 26.7\% | 2.2\% | 2.0\% | 100.0\% | R\% |
|  | 12.6\% | 7.6\% | 7.0\% | 6.1\% | 15.0\% | 9.4\% | C\% |
| \$3,001-6,000.............. | 322,538 | 114,052 | 194,195 | 18,357 | 10,297 | 659,439 | N |
|  | 48.9\% | 17.3\% | 29.4\% | 2.8\% | 1.6\% | 100.0\% | R\% |
|  | 25.1\% | 16.3\% | 16.4\% | 16.6\% | 25.4\% | 19.8\% | C\% |
| \$6,001-9,000............. | 224,840 | 102,480 | 182,840 | 13,362 | 5,387 | 528,909 | N |
|  | 42.5\% | 19.4\% | 34.6\% | 2.5\% | 1.0\% | 100.0\% | R\% |
|  | 17.5\% | 14.7\% | 15.4\% | 12.1\% | 13.3\% | 15.9\% | C\% |
| \$9,001-15,000............ | 217,426 | 127,373 | 208,211 | 17,237 | 6,040 | 576,287 | N |
|  | 37.7\% | 22.1\% | 36.1\% | 3.0\% | 1.0\% | 100.0\% | R\% |
|  | 16.9\% | 18.2\% | 17.6\% | 15.6\% | 14.9\% | 17.3\% | C\% |
| \$15,001-20,000............ | 109,086 | 87,648 | 142,294 | 14,230 | 3,971 | 357,229 | N |
|  | 30.5\% | 24.5\% | 39.8\% | 4.0\% | 1.1\% | 100.0\% | R\% |
|  | 8.5\% | 12.5\% | 12.0\% | 12.8\% | 9.8\% | 10.8\% | C\% |
| \$20,001-30,000........... | 116,240 | 122,975 | 207,825 | 23,234 | 4,650 | 474,924 | N |
|  | 24.5\% | 25.9\% | 43.8\% | 4.9\% | 1.0\% | 100.0\% | R\% |
|  | 9.0\% | 17.6\% | 17.5\% | 21.0\% | 11.5\% | 14.3\% | C\% |
| \$30,001-40,000........... | 23,004 | 40,564 | 75,632 | 9,441 | 1,262 | 149,903 | N |
|  | 15.3\% | 27.1\% | 50.5\% | 6.3\% | 0.8\% | 100.0\% | R\% |
|  | 1.8\% | 5.8\% | 6.4\% | 8.5\% | 3.1\% | 4.5\% | C\% |
| \$40,001 +...................... | 4,256 | 11,518 | 25,982 | 3,190 | 243 | 45,189 | N |
|  | 9.4\% | 25.5\% | 57.5\% | 7.1\% | 0.5\% | 100.0\% | R\% |
|  | 0.3\% | 1.6\% | 2.2\% | 2.9\% | 0.6\% | 1.4\% | C\% |
| TOTAL.......................... | 1,286,797 | 699,381 | 1,184,620 | 110,845 | 40,508 | 3,322,151 | N |
|  | 38.7\% | 21.1\% | 35.7\% | 3.3\% | 1.2\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

TABLE 21-B
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY FAMILY INCOME AND MULTIPLE DATA ENTRY APPLICATION
DEPENDENT RECIPIENTS - AWARD PERIOD 1989-90

| FAMILY INCOME | APPLICATION SOURCE |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FEDERAL | ACT | css | PHEAA | ISCC |  |  |
| LESS THAN \$1,001...... | 7,638 | 10,207 | 15,540 | 1,022 | 241 | 34,648 | N |
|  | 22.0\% | 29.5\% | 44.9\% | 2.9\% | 0.7\% | 100.0\% | R\% |
|  | 2.1\% | 3.2\% | 2.6\% | 1.6\% | 2.1\% | 2.5\% | C\% |
| \$1,001-3,000........... | 25,003 | 9,852 | 15,855 | 1,444 | 743 | 52,897 | N |
|  | 47.3\% | 18.6\% | 30.0\% | 2.7\% | 1.4\% | 100.0\% | R\% |
|  | 7.0\% | 3.1\% | 2.6\% | 2.2\% | 6.4\% | 3.9\% | C\% |
| \$3,001-6,000........... | 62,160 | 23,277 | 44,712 | 4,781 | 1,702 | 136,632 | N |
|  | 45.5\% | 17.0\% | 32.7\% | 3.5\% | 1.2\% | 100.0\% | R\% |
|  | 17.5\% | 7.2\% | 7.4\% | 7.3\% | 14.6\% | 10.0\% | C\% |
| \$6,001-9,000........... | 56,812 | 27,797 | 55,690 | 4,741 | 1,145 | 146,185 | N |
|  | 38.9\% | 19.0\% | 38.1\% | 3.2\% | 0.8\% | 100.0\% | R\% |
|  | 16.0\% | 8.6\% | 9.2\% | 7.2\% | 9.8\% | 10.7\% | C\% |
| \$9,001-15,000.......... | 80,751 | 63,098 | 119,635 | 11,251 | 2,225 | 276,960 | N |
|  | 29.2\% | 22.8\% | 43.2\% | 4.1\% | 0.8\% | 100.0\% | R\% |
|  | 22.7\% | 19.6\% | 19.7\% | 17.1\% | 19.1\% | 20.3\% | C\% |
| \$15,001-20,000......... | 48,334 | 55,874 | 102,704 | 11,238 | 1,932 | 220,082 | N |
|  | 22.0\% | 25.4\% | 46.7\% | 5.1\% | 0.9\% | 100.0\% | R\% |
|  | 13.6\% | 17.3\% | 16.9\% | 17.1\% | 16.6\% | 16.1\% | C\% |
| \$20,001-30,000......... | 56,980 | 87,012 | 162,113 | 19,519 | 2,584 | 328,208 | N |
|  | 17.4\% | 26.5\% | 49.4\% | 5.9\% | 0.8\% | 100.0\% | R\% |
|  | 16.0\% | 27.0\% | 26.7\% | 29.7\% | 22.2\% | 24.1\% | C\% |
| \$30,001-40,000......... | 14,732 | 34,319 | 66,639 | 8,668 | 861 | 125,219 | N |
|  | 11.8\% | 27.4\% | 53.2\% | 6.9\% | 0.7\% | 100.0\% | R\% |
|  | 4.1\% | 10.7\% | 11.0\% | 13.2\% | 7.4\% | 9.2\% | C\% |
| \$40,001 +.................. | 3,489 | 10,744 | 24,702 | 3,072 | 204 | 42,211 | N |
|  | 8.3\% | 25.5\% | 58.5\% | 7.3\% | 0.5\% | 100.0\% | R\% |
|  | 1.0\% | 3.3\% | 4.1\% | 4.7\% | 1.8\% | 3.1\% | C\% |
| TOTAL....................... | 355,899 | 322,180 | 607,590 | 65,736 | 11,637 | 1,363,042 | N |
|  | 26.1\% | 23.6\% | 44.6\% | 4.8\% | 0.9\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

TABLE 21-C
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY FAMILY INCOME AND MULTIPLE DATA ENTRY APPLICATION
INDEPENDENT RECIPIENTS - AWARD PERIOD 1989-90

| FAMILY INCOME | APPLICATION SOURCE |  |  |  |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FEDERAL | ACT | CSS | PHEAA | ISCC |  |  |
| LESS THAN \$1,001..... | 99,810 | 29,184 | 48,997 | 4,047 | 2,327 | 184,365 | N |
|  | 54.1\% | 15.8\% | 26.6\% | 2.2\% | 1.3\% | 100.0\% | R\% |
|  | 10.7\% | 7.7\% | 8.5\% | 9.0\% | 8.1\% | 9.4\% | C\% |
| \$1,001-3,000.............. | 136,956 | 43,528 | 67,249 | 5,281 | 5,347 | 258,361 | N |
|  | 53.0\% | 16.8\% | 26.0\% | 2.0\% | 2.1\% | 100.0\% | R\% |
|  | 14.7\% | 11.5\% | 11.7\% | 11.7\% | 18.5\% | 13.2\% | C\% |
| \$3,001-6,000............. | 260,378 | 90,775 | 149,483 | 13,576 | 8,595 | 522,807 | N |
|  | 49.8\% | 17.4\% | 28.6\% | 2.6\% | 1.6\% | 100.0\% | R\% |
|  | 28.0\% | 24.1\% | 25.9\% | 30.1\% | 29.8\% | 26.7\% | C\% |
| \$6,001-9,000............. | 168,028 | 74,683 | 127,150 | 8,621 | 4,242 | 382,724 | N |
|  | 43.9\% | 19.5\% | 33.2\% | 2.3\% | 1.1\% | 100.0\% | R\% |
|  | 18.1\% | 19.8\% | 22.0\% | 19.1\% | 14.7\% | 19.5\% | C\% |
| \$9,001-15,000............. | 136,675 | 64,275 | 88,576 | 5,986 | 3,815 | 299,327 | N |
|  | 45.7\% | 21.5\% | 29.6\% | 2.0\% | 1.3\% | 100.0\% | R\% |
|  | 14.7\% | 17.0\% | 15.4\% | 13.3\% | 13.2\% | 15.3\% | C\% |
| \$15,001-20,000........... | 60,752 | 31,774 | 39,590 | 2,992 | 2,039 | 137,147 | N |
|  | 44.3\% | 23.2\% | 28.9\% | 2.2\% | 1.5\% | 100.0\% | R\% |
|  | 6.5\% | 8.4\% | 6.9\% | 6.6\% | 7.1\% | 7.0\% | C\% |
| \$20,001-30,000........... | 59,260 | 35,963 | 45,712 | 3,715 | 2,066 | 146,716 | N |
|  | 40.4\% | 24.5\% | 31.2\% | 2.5\% | 1.4\% | 100.0\% | R\% |
|  | 6.4\% | 9.5\% | 7.9\% | 8.2\% | 7.2\% | 7.5\% | C\% |
| \$30,001-40,000.......... | 8,272 | 6,245 | 8,993 | 773 | 401 | 24,684 | N |
|  | 33.5\% | 25.3\% | 36.4\% | 3.1\% | 1.6\% | 100.0\% | R\% |
|  | 0.9\% | 1.7\% | 1.6\% | 1.7\% | 1.4\% | 1.3\% | C\% |
| \$40,001 +..................... | 767 | 774 | 1,280 | 118 | 39 | 2,978 | N |
|  | 25.8\% | 26.0\% | 43.0\% | 4.0\% | 1.3\% | 100.0\% | R\% |
|  | 0.1\% | 0.2\% | 0.2\% | 0.3\% | 0.1\% | 0.2\% | C\% |
| TOTAL.......................... | 930,898 | 377,201 | 577,030 | 45,109 | 28,871 | 1,959,109 | N |
|  | 47.5\% | 19.3\% | 29.5\% | 2.3\% | 1.5\% | 100.0\% | R\% |
|  | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | C\% |

CHAPTER 6

## INSTITUTIONS PARTICIPATING IN PELL GRANT PROGRAM: SUMMARY INFORMATION

## Table 22

## Summary Statistics By Type of Institution

Award Period 1989-90

Table 22 displays summary statistics by type of institution for the 1989-90 award year. These data are depicted graphically in Figure 25.

Most Schools 2 Year or Less; Most Recipients at 5 Year Schools and 2 Year Schools. Participation in the Pell Grant Program varies considerably by the type of institution as indicated by the length of its educational program. Among the 7,121 institutions $(41$ more than last year), the percentage of institutions in each category follow in descending order, along with selected information about expenditures or recipients.


Figure 25: Selected Statistics by Type of Institution

- Nearly three out of ten schools (29.8 percent) offer 2 year (but less than 3 year) programs. Many of these institutions are community colleges and private junior colleges. The recipients attending these
schools ( 33.1 percent of the total) and the expenditures directed toward students (28.9 percent) are consistent with their numbers. The average number of recipients per institution is 520 .
- Schools offering 1 year (but less than 2 year) programs are next in number, accounting for 23.5 percent of the total. Many of these institutions are profit-making trade schools, although public vocational institutions also may be included. Students at these schools account for only 10.3 percent of expenditures and 9.5 percent of recipients, most likely because these schools are smaller in size. (From the information in this table we calculated the average number of recipients per institution as 190 , far less than the overall figure across all institutions of 467.)
- Schools with programs of 6 months to 1 year are 20.0 percent of the total. These institutions also are largely profit-making trade schools. Again, because of smaller size (166 recipients on average) they account for only 7.5 percent of the expenditures and 7.1 percent of recipients.
- Four-year colleges with no graduate programs are next in prevalence in numbers at 13.5 percent. Many of these institutions
are privately controlled. Students at these schools represent 14.6 percent of recipients and 15.4 percent of Pell program expenditures and have an average of 503 recipients.
- Five or more year universities account for just 11.5 percent of the number of institutions. However, these institutions, which include most state-funded universities and major private universities, attract the largest group of recipients, 35.2 percent of the total, because of their high enrollments (an average of 1,422 Pell recipients). They also account for the largest proportion of expenditures ( 37.4 percent).
- The least prevalent type of institution is three year (but less than 4 year) schools (1.8 percent of the number of institutions) with only .5 percent of the recipients accounting for .4 percent of total expenditures.

Differences in the average grants by institution are largely a function of cost of education and financial circumstances of those students enrolled. These averages are discussed in Table 24.

Little Overall Change Since Last Year, But Some Variation by Type of Institution. The number of institutions served was up only .5 percent. There was considerable growth in the number of 1 year (but less than 2 year) institutions, up 8.4 percent or 130 institutions. This was countered by declines of 11.1 percent for 3 year institutions (16 schools) and 5 percent for schools of 6 months to less than 1 year ( 76 schools). Other institutions saw little change.

On average, the number of Pell recipients per institution increased from 451 to 467 . The average grant increased $\$ 39$ or 2.8 percent and the total recipients increased 3.9 percent.

TABLE 22
SUMMARY STATISTICS BY TYPE OF INSTITUTION
AWARD PERIOD 1989-90
\(\left.$$
\begin{array}{lcccc}\text { TYPE OF INSTITUTION: } & \begin{array}{c}\text { NUMBER OF } \\
\text { INSTITUTIONS }\end{array} & \begin{array}{c}\text { TOTAL } \\
\text { EXPENDITURES }\end{array} & \begin{array}{c}\text { NUMBER OF } \\
\text { RECIPIENTS }\end{array} & \begin{array}{c}\text { AVERAGE } \\
\text { GRANT }\end{array}
$$ <br>

5 YEARS OR MORE \& 821 \& \$ 1,786,963,635 \& 1,167,755\end{array}\right]\)| \$1,530 |
| :--- |

Table 23

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

Award Period 1989-90

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

Most Recipients Attend Public Institutions. The data in Table 23 show that the majority $(60.0$ percent) of Pell Grant recipients attend postsecondary institutions that are publicly funded. This is a slight increase over 1988-89 when approximately 58.2 percent attended this type of institution. About 21.7 percent attend private, profit-making institutions, slightly less than 23.2 percent of recipients in 1988-89. The remaining 18.3 percent in 1989-90 attend private, non-profit institutions. This is also down slightly from 18.5 percent in 1988-89. These data are consistent with the emerging trend toward increased enrollment at public institutions and decreased enrollment at both private non-profit and private, profit-making institutions. The most plausible explanation for this change is a shift from higher cost institutions to lower cost institutions in response to the high cost of postsecondary education

Table 23 shows that the public institutions with programs of 5 years or more attract the largest number recipients with over 924,000 or 27.8 percent of the total recipient pool. This is
followed by public institutions with programs of 2 but less than 3 years in length where more than 868,000 or 26.1 percent of total recipients attend this type of institution. By comparison, the largest group of recipients attending any type of private, non-profit institution is enrolled in 4 year programs with no graduate program-approximately 289,000 or 8.7 percent of the total recipient population. Over 275,000 recipients or 8.3 percent of total recipients, enroll in private, profit-making schools with programs of 1 year but less than 2 years, comprising the largest group of recipients attending profit-making institutions.

Grants Are Higher At Private Institutions. Recipients attending private institutions, both non-profit and profit-making, receive somewhat higher grants than those students attending public institutions (see Figure 26). The average grant for those recipients attending private, non-profit institutions is the largest at $\$ 1,567$, compared to $\$ 1,528$ for private profit-making institutions, $\$ 1,366$ for recipients enrolled in public institutions and $\$ 1,438$ for the total recipient population (Table 1).

Despite the smalier average grant, total expenditures at public institutions represent over $\$ 2.71$ billion or 57.0 percent of total


Figure 26: Average Grant by Institutional Control and Dependency Status
institutions. Expenditures at private profitmaking institutions comprised over 23.1 percent of total program expenditures or $\$ 1.11$ billion. Expenditures at private, non-profit institutions represent over $\$ 951$ million or 19.9 percent of total Pell Grant expenditures.

| TYPE OF INSTITUTION | TOTAL EXPENDITURES |  |  | TOTAL RECIPIENTS |  |  | AVERAGE GRANT |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | TOTAL | DEPENDENTS | INDEPENDENTS | тоtal | DEPENDENTS | INDEPENDENTS | TOTAL | DEPENDENTS | INDEPENDENTS |
| TOTAL PUBLIC INSTITUTIONS | \$2,721,254,250 | \$1,153,447,016 | \$1,567,807,234 | 1,992,064 | 871,691 | 1,120,373 | \$1,366 | \$1,323 | \$1,399 |
| 5 YEARS OR MORE | 1,391,582,391 | 722,395,455 | 669,186,936 | 924,399 | 512,265 | 412,134 | 1,505 | 1,410 | 1,624 |
| FOUR-YEAR NO GRADUATE | 253,170,979 | 124,085,496 | 129,085,483 | 168,023 | 86,340 | 81,683 | 1,507 | 1,437 | 1,580 |
| 3 YEARS BUT LESS THAN 4 YEARS | 3,574,143 | 599,086 | 2,975,057 | 2,623 | 504 | 2,119 | 1,363 | 1,189 | 1,404 |
| 2 YEARS BUT LESS THAN 3 YEARS | 1,038,265,239 | 300,463,609 | 737,801,630 | 867,694 | 267,104 | 600,590 | 1,197 | 1,125 | 1,228 |
| 1 YEAR BUT LESS THAN 2 YEARS | 27,926,921 | 4,886,452 | 23,040,469 | 23,845 | 4,427 | 19,418 | 1,171 | 1,104 | 1,187 |
| 6 MONTHS BUT LESS THAN 1 YEAR | 6,734,577 | 1,016,918 | 5,717,659 | 5,480 | 1,051 | 4,429 | 1,229 | 968 | 1,291 |
| OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL PRIVATE, NON-PROFIT | \$951,462,513 | \$507,804,135 | \$443,658,378 | 607,045 | 333,501 | 273,544 | \$1,567 | \$1,523 | \$1,622 |
| 5 YEARS OR MORE | 392,744,988 | 225,444,734 | 167,300,254 | 241,477 | 143,695 | 97,782 | 1,626 | 1,569 | 1,711 |
| FOUR-YEAR NO GRADUATE | 443,861,492 | 240,783,525 | 203,077,967 | 289,063 | 161,736 | 127,327 | 1,536 | 1,489 | 1,595 |
| 3 YEARS BUT LESS THAN 4 YEARS | 5,323,676 | 1,680,025 | 3,643,651 | 3,675 | 1,310 | 2,365 | 1,449 | 1,282 | 1,541 |
| 2 YEARS BUT LESS THAN 3 YEARS | 74,077,927 | 30,199,343 | 43,878,584 | 51,586 | 21,117 | 30,469 | 1,436 | 1,430 | 1,440 |
| 1 YEAR BUT LESS THAN 2 YEARS | 29,381,465 | 8,920,918 | 20,460,547 | 17,446 | 5,139 | 12,307 | 1,684 | 1,736 | 1,663 |
| 6 MONTHS BUT LESS THAN 1 YEAR | 6,072,965 | 775,590 | 5,297,375 | 3,798 | 504 | 3,294 | 1,599 | 1,539 | 1,608 |
| OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL PRIVATE, PROFIT-MAKING | \$1,105,127,469 | \$236,148,590 | \$868,978,879 | 723,042 | 157,850 | 565,192 | \$1,528 | \$1,496 | \$1,537 |
| 5 YEARS OR MORE | 2,636,256 | 390,764 | 2,245,492 | 1,879 | 273 | 1,606 | 1,403 | 1,431 | 1,398 |
| FOUR-YEAR NO GRADUATE | 41,013,307 | 13,728,736 | 27,284,571 | 27,514 | 9,260 | 18,254 | 1,491 | 1,483 | 1,495 |
| 3 YEARS BUT LESS THAN 4 YEARS | 11,423,805 | 3,804,132 | 7,619,673 | 8,875 | 2,849 | 6,026 | 1,287 | 1,335 | 1,264 |
| 2 YEARS BUT LESS THAN 3 YEARS | 270,033,959 | 61,979,521 | 208,054,438 | 181,941 | 44,045 | 137,896 | 1,484 | 1,407 | 1,509 |
| 1 YEAR BUT LESS THAN 2 YEARS | 435,517,482 | 97,084,584 | 338,432,898 | 275,671 | 61,145 | 214,526 | 1,580 | 1,588 | 1,578 |
| 6 MONTHS BUT LESS THAN 1 YEAR | 344,502,660 | 59,160,853 | 285,341,807 | 227,162 | 40,278 | 186,884 | 1,517 | 1,469 | 1,527 |
| OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | \$4,777,844,232 | \$1,897,399,741 | \$2,880,444,491 | 3,322,151 | 1,363,042 | 1,959,109 | \$1,438 | \$1,392 | \$1,470 |

## Table 24

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

Award Period 1989-90

24A - Total<br>24B - Dependent<br>24C - Independent

Tables 24A, 24B, and 24C present the distribution of recipients by grant level and type of institution. Grant levels are presented in $\$ 300$ ranges; the average grant also is shown.

Largest Grants at 1-2 Year and 5 Year Schools. Table 24A confirms that students at schools with programs 1 year but less than 2 years receive, on average, the largest grants ( $\$ 1,555$ ), followed by students at 5 year or more schools ( $\$ 1,530$ ). The smallest grants go to students at 2 year but less than 3 year schools ( $\$ 1,255$ ). In between are grants for students at 4 year $(\$ 1,523)$, less than 1 year ( $\$ 1,511$ ), and 3 year but less than 4 year institutions ( $\$ 1,339$ ).

The distribution of maximum grant also varies by type of institution. Recipients at 1 to 2 year schools are most likely to receive the maximum award ( 30.4 percent), followed by those at less than 1 year schools ( 25.2 percent), and those at 4 year no graduate schools ( 21.9 percent). Almost 19.0 percent of recipients receiving the maximum award are enrolled in schools offering programs of 5 years or more, 16.7 percent in programs of 3 years but less than 4.

Recipients in 2 to 3 year programs are least likely to receive the maximum grant 18.5 percent). Most recipients in this category receive modest awards. For example, 33.4 percent receive grants up to $\$ 900$, while only 22.3 percent of the recipients at higher cost 4 year schools receive awards less than $\$ 900$.

Average Grant Higher for Independents. The average grant for independents is higher than that for dependents for all schools ( $\$ 1,470$ for independents, $\$ 1,392$ for dependents). Figure 27 shows the distribution of average grants by school type and dependency status.


Figure 27: Average Grant by Type of Institution and Dependency Status

DISTRIBUTION OF PELL GRANT RECIPIENTS AND AVERAGE GRANT

## BY GRANT LEVEL AND TYPE OF INSTITUTION

## ALL RECIPIENTS - AWARD YEAR 1989-90

TYPE OF INSTITUTION

| GRANT LEVEL | 5 YEARS OR MORE | 4 YEARS NO GRADUATE | 3 YEARS BUT < 4 YEARS | 2 YEARS BUT < 3 YEARS | 1 YEAR BUT < 2 YEARS | 6 MONTHS BUT < 1 YEAR | OTHER | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$1-299 | 36,379 | 15,275 | 720 | 51,220 | 7,669 | 4,849 | 0 | 116,112 |
| R\% | 31.33 | 13.16 | 0.62 | 44.11 | 6.60 | 4.18 | 0.00 | 100.00 |
| C\% | 3.12 | 3.15 | 4.75 | 4.65 | 2.42 | 2.05 | 0.00 | 3.50 |
| AVE-GRANT | \$221 | \$220 | \$203 | \$204 | \$194 | \$201 | \$0 | \$211 |
| \$300-599 | 102,794 | 45,339 | 2,002 | 148,962 | 19,223 | 13,300 | 0 | 331,620 |
| R\% | 31.00 | 13.67 | 0.60 | 44.92 | 5.80 | 4.01 | 0.00 | 100.00 |
| C\% | 8.80 | 9.36 | 13.19 | 13.53 | 6.06 | 5.63 | 0.00 | 9.98 |
| AVE-GRANT | \$459 | \$465 | \$465 | \$460 | \$463 | \$466 | \$0 | \$461 |
| \$600-899 | 113,569 | 47,026 | 2,258 | 167,577 | 34,260 | 28,430 | 0 | 393,120 |
| R\% | 28.89 | 11.96 | 0.57 | 42.63 | 8.71 | 7.23 | 0.00 | 100.00 |
| C\% | 9.73 | 9.70 | 14.88 | 15.22 | 10.81 | 12.02 | 0.00 | 11.83 |
| AVE-GRANT | \$756 | \$758 | \$754 | \$756 | \$759 | \$764 | \$0 | \$757 |
| \$900-1,199 | 160,946 | 75,625 | 2,677 | 192,415 | 70,716 | 53,957 | 0 | 556,336 |
| R\% | 28.93 | 13.59 | 0.48 | 34.59 | 12.71 | 9.70 | 0.00 | 100.00 |
| C\% | 13.78 | 15.61 | 17.64 | 17.47 | 22.31 | 22.82 | 0.00 | 16.75 |
| AVE-GRANT | \$1,070 | \$1,080 | \$1,083 | \$1,061 | \$1,107 | \$1,107 | \$0 | \$1,077 |
| \$1,200-1,499 | 109,082 | 41,260 | 1,085 | 142,813 | 15,011 | 11,428 | 0 | 320,679 |
| R\% | 34.02 | 12.87 | 0.34 | 44.53 | 4.68 | 3.56 | 0.00 | 100.00 |
| C\% | 9.34 | 8.51 | 7.15 | 12.97 | 4.74 | 4.83 | 0.00 | 9.65 |
| AVE-GRANT | \$1,354 | \$1,353 | \$1,349 | \$1,368 | \$1,351 | \$1,351 | \$0 | \$1,360 |
| \$1,500-1,799 | 137,783 | 50,931 | 1,689 | 143,221 | 37,850 | 39,171 | 0 | 410,645 |
| R\% | 33.55 | 12.40 | 0.41 | 34.88 | 9.22 | 9.54 | 0.00 | 100.00 |
| C\% | 11.80 | 10.51 | 11.13 | 13.01 | 11.94 | 16.57 | 0.00 | 12.36 |
| AVE-GRANT | \$1,646 | \$1,650 | \$1,606 | \$1,640 | \$1,593 | \$1,587 | \$0 | \$1,634 |
| \$1,800-2,099 | 161,849 | 57,531 | 1,154 | 111,486 | 19,986 | 16,367 | 0 | 368,373 |
| R\% | 43.94 | 15.62 | 0.31 | 30.26 | 5.43 | 4.44 | 0.00 | 100.00 |
| C\% | 13.86 | 11.87 | 7.61 | 10.12 | 6.31 | 6.92 | 0.00 | 11.09 |
| AVE-GRANT | \$1,951 | \$1,937 | \$1,946 | \$1,929 | \$1,947 | \$1,951 | \$0 | \$1,942 |
| \$2,100-2,299 | 125,165 | 45,372 | 1,050 | 50,467 | 15,893 | 9,298 | 0 | 247,245 |
| R\% | 50.62 | 18.35 | 0.42 | 20.41 | 6.43 | 3.76 | 0.00 | 100.00 |
| C\% | 10.72 | 9.36 | 6.92 | 4.58 | 5.01 | 3.93 | 0.00 | 7.44 |
| AVE-GRANT | \$2,204 | \$2,204 | \$2,219 | \$2,195 | \$2,206 | \$2,196 | \$0 | \$2,202 |
| \$2,300 | 220,188 | 106,241 | 2,538 | 93,060 | 96,354 | 59,640 | 0 | 578,021 |
| R\% | 38.09 | 18.38 | 0.44 | 16.10 | 16.67 | 10.32 | 0.00 | 100.00 |
| C\% | 18.86 | 21.92 | 16.73 | 8.45 | 30.40 | 25.22 | 0.00 | 17.40 |
| AVE-GRANT | \$2,300 | \$2,300 | \$2,300 | \$2,300 | \$2,300 | \$2,300 | \$0 | \$2,300 |
| TOTAL | 1,167,755 | 484,600 | 15,173 | 1,101,221 | 316,962 | 236,440 | 0 | 3,322,151 |
| R\% | 35.15 | 14.59 | 0.46 | 33.15 | 9.54 | 7.12 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |
| AVE-GRANT | \$1,530 | \$1,523 | \$1,339 | \$1,255 | \$1,555 | \$1,511 | \$0 | \$1,438 |

TABLE 24-B
DISTRIBUTION OF PELL GRANT RECIPIENTS AND AVERAGE GRANT
BY GRANT LEVEL AND TYPE OF INSTITUTION
DEPENDENT RECIPIENTS - AWARD YEAR 1989-90
TYPE OF INSTITUTION

| GRANT LEVEL | 5 YEARS OR MORE | 4 YEARS NO GRADUATE | 3 YEARS BUT < 4 YEARS | 2 YEARS BUT < 3 YEARS | 1 YEAR BUT < 2 YEARS | 6 MONTHS BUT < 1 YEAR | OTHER | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$1-299 | 24,332 | 9,186 | 279 | 16,481 | 2,044 | 1,256 | 0 | 53,578 |
| R\% | 45.41 | 17.15 | 0.52 | 30.76 | 3.81 | 2.34 | 0.00 | 100.00 |
| C\% | 3.71 | 3.57 | 5.98 | 4.96 | 2.89 | 3.00 | 0.00 | 3.93 |
| AVE-GRANT | \$227 | \$228 | \$209 | \$209 | \$201 | \$210 | \$0 | \$220 |
| \$300-599 | 65,507 | 24,852 | 633 | 45,359 | 4,599 | 2,934 | 0 | 143,884 |
| R\% | 45.53 | 17.27 | 0.44 | 31.52 | 3.20 | 2.04 | 0.00 | 100.00 |
| C\% | 9.98 | 9.66 | 13.57 | 13.65 | 6.50 | 7.01 | 0.00 | 10.56 |
| AVE-GRANT | \$453 | \$453 | \$452 | \$454 | \$455 | \$459 | \$0 | \$453 |
| \$600-899 | 72,726 | 27,254 | 671 | 53,910 | 7,453 | 5,404 | 0 | 167,418 |
| R\% | 43.44 | 16.28 | 0.40 | 32.20 | 4.45 | 3.23 | 0.00 | 100.00 |
| C\% | 11.08 | 10.59 | 14.39 | 16.22 | 10.54 | 12.92 | 0.00 | 12.28 |
| AVE-GRANT | \$752 | \$753 | \$745 | \$749 | \$752 | \$758 | \$0 | \$751 |
| \$900-1,199 | 85,911 | 35,887 | 704 | 61,199 | 13,929 | 8,653 | 0 | 206,283 |
| R\% | 41.65 | 17.40 | 0.34 | 29.67 | 6.75 | 4.19 | 0.00 | 100.00 |
| C\% | 13.09 | 13.95 | 15.10 | 18.42 | 19.70 | 20.68 | 0.00 | 15.13 |
| AVE-GRANT | \$1,058 | \$1,061 | \$1,065 | \$1,053 | \$1,099 | \$1,089 | \$0 | \$1,061 |
| \$1,200-1,499 | 76,967 | 27,621 | 461 | 57,304 | 4,381 | 2,937 | 0 | 169,671 |
| R\% | 45.36 | 16.28 | 0.27 | 33.77 | 2.58 | 1.73 | 0.00 | 100.00 |
| C\% | 11.73 | 10.73 | 9.89 | 17.25 | 6.20 | 7.02 | 0.00 | 12.45 |
| AVE-GRANT | \$1,352 | \$1,348 | \$1,348 | \$1,369 | \$1,348 | \$1,351 | \$0 | \$1,357 |
| \$1,500-1,799 | 88,794 | 30,885 | 518 | 41,996 | 6,769 | 6,326 | 0 | 175,288 |
| R\% | 50.66 | 17.62 | 0.30 | 23.96 | 3.86 | 3.61 | 0.00 | 100.00 |
| C\% | 13.53 | 12.00 | 11.11 | 12.64 | 9.57 | 15.12 | 0.00 | 12.86 |
| AVE-GRANT | \$1,647 | \$1,651 | \$1,619 | \$1,640 | \$1,606 | \$1,595 | \$0 | \$1,642 |
| \$1,800-2,099 | 93,559 | 35,398 | 449 | 30,095 | 5,094 | 3,508 | 0 | 168,103 |
| R\% | 55.66 | 21.06 | 0.27 | 17.90 | 3.03 | 2.09 | 0.00 | 100.00 |
| C\% | 14.26 | 13.76 | 9.63 | 9.06 | 7.20 | 8.39 | 0.00 | 12.33 |
| AVE-GRANT | \$1,948 | \$1,928 | \$1,934 | \$1,904 | \$1,952 | \$1,952 | \$0 | \$1,936 |
| \$2,100-2,299 | 74,688 | 27,645 | 347 | 10,298 | 6,933 | 2,434 | 0 | 122,345 |
| R\% | 61.05 | 22.60 | 0.28 | 8.42 | 5.67 | 1.99 | 0.00 | 100.00 |
| C\% | 11.38 | 10.74 | 7.44 | 3.10 | 9.80 | 5.82 | 0.00 | 8.98 |
| AVE-GRANT | \$2,207 | \$2,210 | \$2,213 | \$2,202 | \$2,215 | \$2,202 | \$0 | \$2,207 |
| \$2,300 | 73,749 | 38,608 | 601 | 15,624 | 19,509 | 8,381 | 0 | 156,472 |
| R\% | 47.13 | 24.67 | 0.38 | 9.99 | 12.47 | 5.36 | 0.00 | 100.00 |
| C\% | 11.24 | 15.00 | 12.89 | 4.70 | 27.59 | 20.03 | 0.00 | 11.48 |
| AVE-GRANT | \$2,300 | \$2,300 | \$2,300 | \$2,300 | \$2,300 | \$2,300 | \$0 | \$2,300 |
| TOTAL | 656,233 | 257,336 | 4,663 | 332,266 | 70,711 | 41,833 | 0 | 1,363,042 |
| R\% | 48.14 | 18.88 | 0.34 | 24.38 | 5.19 | 3.07 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |
| AVE-GRANT | \$1,445 | \$1,471 | \$1,305 | \$1,182 | \$1,568 | \$1,457 | \$0 | \$1,392 |

TABLE 24-C
DISTRIBUTION OF PELL GRANT RECIPIENTS AND AVERAGE GRANT
BY GRANT LEVEL AND TYPE OF INSTITUTION
INDEPENDENT RECIPIENTS - AWARD YEAR 1989-90
TYPE OF INSTITUTION

| GRANT LEVEL | 5 YEARS OR MORE | 4 YEARS NO GRADUATE | 3 YEARS BUT < 4 YEARS | 2 YEARS BUT < 3 YEARS | 1 YEAR BUT < 2 YEARS | 6 MONTHS BUT < 1 YEAR | OTHER | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$1-299 | 12,047 | 6,089 | 441 | 34,739 | 5,625 | 3,593 | 0 | 62,534 |
| R\% | 19.26 | 9.74 | 0.71 | 55.55 | 9.00 | 5.75 | 0.00 | 100.00 |
| C\% | 2.36 | 2.68 | 4.20 | 4.52 | 2.28 | 1.85 | 0.00 | 3.19 |
| AVE-GRANT | \$211 | \$210 | \$199 | \$202 | \$192 | \$198 | \$0 | \$203 |
| \$300-599 | 37,287 | 20,487 | 1,369 | 103,603 | 14,624 | 10,366 | 0 | 187,736 |
| $\mathrm{R} \%$ | 19.86 | 10.91 | 0.73 | 55.19 | 7.79 | 5.52 | 0.00 | 100.00 |
| C\% | 7.29 | 9.01 | 13.03 | 13.47 | 5.94 | 5.33 | 0.00 | 9.58 |
| AVE-GRANT | \$471 | \$479 | \$471 | \$463 | \$466 | \$468 | \$0 | \$467 |
| \$600-899 | 40,843 | 19,772 | 1,587 | 113,667 | 26,807 | 23,026 | 0 | 225,702 |
| R\% | 18.10 | 8.76 | 0.70 | 50.36 | 11.88 | 10.20 | 0.00 | 100.00 |
| C\% | 7.98 | 8.70 | 15.10 | 14.78 | 10.89 | 11.83 | 0.00 | 11.52 |
| AVE-GRANT | \$763 | \$764 | \$757 | \$760 | \$760 | \$765 | \$0 | \$761 |
| \$900-1,199 | 75,035 | 39,738 | 1,973 | 131,216 | 56,787 | 45,304 | 0 | 350,053 |
| $\mathrm{R} \%$ | 21.44 | 11.35 | 0.56 | 37.48 | 16.22 | 12.94 | 0.00 | 100.00 |
| C\% | 14.67 | 17.49 | 18.77 | 17.06 | 23.06 | 23.28 | 0.00 | 17.87 |
| AVE-GRANT | \$1,084 | \$1,097 | \$1,089 | \$1,065 | \$1,109 | \$1,111 | \$0 | \$1,086 |
| \$1,200-1,499 | 32,115 | 13,639 | 624 | 85,509 | 10,630 | 8,491 | 0 | 151,008 |
| R\% | 21.27 | 9.03 | 0.41 | 56.63 | 7.04 | 5.62 | 0.00 | 100.00 |
| C\% | 6.28 | 6.00 | 5.94 | 11.12 | 4.32 | 4.36 | 0.00 | 7.71 |
| AVE-GRANT | \$1,360 | \$1,362 | \$1,350 | \$1,367 | \$1,352 | \$1,350 | \$0 | \$1,363 |
| \$1,500-1,799 | 48,989 | 20,046 | 1,171 | 101,225 | 31,081 | 32,845 | 0 | 235,357 |
| R\% | 20.81 | 8.52 | 0.50 | 43.01 | 13.21 | 13.96 | 0.00 | 100.00 |
| C\% | 9.58 | 8.82 | 11.14 | 13.16 | 12.62 | 16.88 | 0.00 | 12.01 |
| AVE-GRANT | \$1,644 | \$1,649 | \$1,600 | \$1,640 | \$1,591 | \$1,585 | \$0 | \$1,627 |
| \$1,800-2,099 | 68,290 | 22,133 | 705 | 81,391 | 14,892 | 12,859 | 0 | 200,270 |
| R\% | 34.10 | 11.05 | 0.35 | 40.64 | 7.44 | 6.42 | 0.00 | 100.00 |
| C\% | 13.35 | 9.74 | 6.71 | 10.58 | 6.05 | 6.61 | 0.00 | 10.22 |
| AVE-GRANT | \$1,954 | \$1,952 | \$1,953 | \$1,938 | \$1,946 | \$1,951 | \$0 | \$1,947 |
| \$2,100-2,299 | 50,477 | 17,727 | 703 | 40,169 | 8,960 | 6,864 | 0 | 124,900 |
| R\% | 40.41 | 14.19 | 0.56 | 32.16 | 7.17 | 5.50 | 0.00 | 100.00 |
| C\% | 9.87 | 7.80 | 6.69 | 5.22 | 3.64 | 3.53 | 0.00 | 6.38 |
| AVE-GRANT | \$2,199 | \$2,194 | \$2,222 | \$2,193 | \$2,199 | \$2,194 | \$0 | \$2,196 |
| \$2,300 | 146,439 | 67,633 | 1,937 | 77,436 | 76,845 | 51,259 | 0 | 421,549 |
| R\% | 34.74 | 16.04 | 0.46 | 18.37 | 18.23 | 12.16 | 0.00 | 100.00 |
| C\% | 28.63 | 29.76 | 18.43 | 10.07 | 31.21 | 26.34 | 0.00 | 21.52 |
| AVE-GRANT | \$2,300 | \$2,300 | \$2,300 | \$2,300 | \$2,300 | \$2,300 | \$0 | \$2,300 |
| TOTAL | 511,522 | 227,264 | 10,510 | 768,955 | 246,251 | 194,607 | 0 | 1,959,109 |
| R\% | 26.11 | 11.60 | 0.54 | 39.25 | 12.57 | 9.93 | 0.00 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 100.00 |
| AVE-GRANT | \$1,640 | \$1,582 | \$1,355 | \$1,287 | \$1,551 | \$1,523 | \$0 | \$1,470 |

Table 25

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

Award Period 1989-90

25A - Total<br>25B - Dependent<br>25C - Independent

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

As in Table 4, the stepped line on 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 exceed $\$ 1,110$ for this cost range are overawards, perhaps from attendance at more than one school during the award year.

Educational Costs Drive Grants To A Great Extent. Figure 28 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 $\$ 3,300,53.5$ percent received a grant of $\$ 1,500$ or more, while 22.3 percent receive grants of less than $\$ 900$. In comparison; of recipients reporting educational
costs of $\$ 3,000$ or less, only 20.1 percent receive grants of $\$ 1,500$ or greater, while 42.1 percent receive grants of less than $\$ 900$.


Figure 28: Average Grant by Educational Costs and Dependency Status

Tables 25B and 25C show that the educational costs of independents are slightly higher than those of dependents. For example, 79.6 percent of independents have costs greater than $\$ 3,300$, compared to 73.1 percent of independents. Thus, more independents, who report relatively lower incomes and higher costs than dependents, receive the maximum grant (21.5 percent versus 11.5 percent) and relatively higher grants in general.

TABLE 25-A
DISTRIBUTION OF PELL GRANT RECIPIENTS BY EDUCATIONAL COST AND GRANT LEVEL ALL RECIPIENTS - AWARD YEAR 1989-90

GRANT LEVEL

| COST OF EDUCATION |  | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,099 | \$2,100-2,299 | \$2,300 | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LESS THAN \$ |  | 160 | 63 | 56 | 54 | 29 | 34 | 18 | 4 | 20 | 438 |
|  | R\% | 36.53 | 14.38 | 12.79 | 12.33 | 6.62 | 7.76 | 4.11 | 0.91 | 4.57 | 100.00 |
|  | C\% | 0.14 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 |
| \$400-1,500 |  | 3,681 | 2,814 | 1,721 | 25 | 21 | 4 | 8 | 3 | 4 | 8,281 |
|  | R\% | 44.45 | 33.98 | 20.78 | 0.30 | 0.25 | 0.05 | 0.10 | 0.04 | 0.05 | 100.00 |
|  | C\% | 3.17 | 0.85 | 0.44 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 |
| \$1,501-1,800 |  | 2,388 | 5,170 | 3,433 | 11,109 | 100 | 65 | 21 | 5 | 35 | 22,326 |
|  | R\% | 10.70 | 23.16 | 15.38 | 49.76 | 0.45 | 0.29 | 0.09 | 0.02 | 0.16 | 100.00 |
|  | C\% | 2.06 | 1.56 | 0.87 | 2.00 | 0.03 | 0.02 | 0.01 | 0.00 | 0.01 | 0.67 |
| \$1,801-2,10 |  | 2,394 | 5,315 | 4,017 | 7,897 | 1,596 | 94 | 26 | 9 | 21 | 21,369 |
|  | R\% | 11.20 | 24.87 | 18.80 | 36.96 | 7.47 | 0.44 | 0.12 | 0.04 | 0.10 | 100.00 |
|  | C\% | 2.06 | 1.60 | 1.02 | 1.42 | 0.50 | 0.02 | 0.01 | 0.00 | 0.00 | 0.64 |
| \$2,101-2,400 |  | 4,461 | 15,870 | 21,045 | 15,119 | 48,795 | 648 | 285 | 69 | 134 | 106,426 |
|  | R\% | 4.19 | 14.91 | 19.77 | 14.21 | 45.85 | 0.61 | 0.27 | 0.06 | 0.13 | 100.00 |
|  | C\% | 3.84 | 4.79 | 5.35 | 2.72 | 15.22 | 0.16 | 0.08 | 0.03 | 0.02 | 3.20 |
| \$2,401-2,70 |  | 7,004 | 20,990 | 23,799 | 18,797 | 30,903 | 27,471 | 403 | 87 | 147 | 129,601 |
|  | R\% | 5.40 | 16.20 | 18.36 | 14.50 | 23.84 | 21.20 | 0.31 | 0.07 | 0.11 | 100.00 |
|  | C\% | 6.03 | 6.33 | 6.05 | 3.38 | 9.64 | 6.69 | 0.11 | 0.04 | 0.03 | 3.90 |
| \$2,701-3,00 |  | 7,443 | 24,078 | 38,545 | 16,005 | 20,887 | 63,904 | 1,507 | 106 | 364 | 172,839 |
|  | R\% | 4.31 | 13.93 | 22.30 | 9.26 | 12.08 | 36.97 | 0.87 | 0.06 | 0.21 | 100.00 |
|  | C\% | 6.41 | 7.26 | 9.80 | 2.88 | 6.51 | 15.56 | 0.41 | 0.04 | 0.06 | 5.20 |
| \$3,001-3,30 |  | 11,283 | 33,595 | 32,358 | 51,952 | 34,560 | 30,551 | 108,888 | 313 | 512 | 304,012 |
|  | R\% | 3.71 | 11.05 | 10.64 | 17.09 | 11.37 | 10.05 | 35.82 | 0.10 | 0.17 | 100.00 |
|  | C\% | 9.72 | 10.13 | 8.23 | 9.34 | 10.78 | 7.44 | 29.56 | 0.13 | 0.09 | 9.15 |
| \$3,301-3,80 |  | 16,869 | 51,119 | 50,916 | 86,748 | 41,949 | 51,029 | 85,301 | 110,508 | 16,209 | 510,648 |
|  | R\% | 3.30 | 10.01 | 9.97 | 16.99 | 8.21 | 9.99 | 16.70 | 21.64 | 3.17 | 100.00 |
|  | C\% | 14.53 | 15.41 | 12.95 | 15.59 | 13.08 | 12.43 | 23.16 | 44.70 | 2.80 | 15.37 |
| \$3,801 + |  | 60,429 | 172,606 | 217,230 | 348,630 | 141,839 | 236,845 | 171,916 | 136,141 | 560,575 | 2,046,211 |
|  | R\% | 2.95 | 8.44 | 10.62 | 17.04 | 6.93 | 11.57 | 8.40 | 6.65 | 27.40 | 100.00 |
|  | C\% | 52.04 | 52.05 | 55.26 | 62.67 | 44.23 | 57.68 | 46.67 | 55.06 | 96.98 | 61.59 |
| TOTAL |  | 116,112 | 331,620 | 393,120 | 556,336 | 320,679 | 410,645 | 368,373 | 247,245 | 578,021 | 3,322,151 |
|  | R\% | 3.50 | 9.98 | 11.83 | 16.75 | 9.65 | 12.36 | 11.09 | 7.44 | 17.40 | 100.00 |
|  | C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 25-B
DISTRIBUTION OF PELL GRANT RECIPIENTS
by Educational cost and grant level DEPENDENT RECIPIENTS - AWARD YEAR 1989-90

|  | GRANT LEVEL |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| COST OF EDUCATION | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,099 | \$2,100-2,299 | \$2,300 | TOTAL |
| LESS THAN \$400 | 14 | 17 | 19 | 11 | 10 | 12 | 2 | 1 | 5 | 91 |
| $\mathrm{R} \%$ | 15.38 | 18.68 | 20.88 | 12.09 | 10.99 | 13.19 | 2.20 | 1.10 | 5.49 | 100.00 |
| C\% | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 |
| \$400-1,500 | 96 | 145 | 127 | 10 | 5 | 0 | 1 | 1 | 1 | 386 |
| $\mathrm{R} \%$ | 24.87 | 37.56 | 32.90 | 2.59 | 1.30 | 0.00 | 0.26 | 0.26 | 0.26 | 100.00 |
| C\% | 0.18 | 0.10 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 |
| \$1,501-1,800 | 1,120 | 3,157 | 2,443 | 9,212 | 80 | 50 | 12 | 1 | 27 | 16,102 |
| R\% | 6.96 | 19.61 | 15.17 | 57.21 | 0.50 | 0.31 | 0.07 | 0.01 | 0.17 | 100.00 |
| C\% | 2.09 | 2.19 | 1.46 | 4.47 | 0.05 | 0.03 | 0.01 | 0.00 | 0.02 | 1.18 |
| \$1,801-2,100 | 1,540 | 3,516 | 2,899 | 6,160 | 1,212 | 65 | 14 | 4 | 11 | 15,421 |
| R\% | 9.99 | 22.80 | 18.80 | 39.95 | 7.86 | 0.42 | 0.09 | 0.03 | 0.07 | 100.00 |
| C\% | 2.87 | 2.44 | 1.73 | 2.99 | 0.71 | 0.04 | 0.01 | 0.00 | 0.01 | 1.13 |
| \$2,101-2,400 | 2,337 | 8,337 | 11,860 | 8,689 | 32,020 | 466 | 193 | 44 | 70 | 64,016 |
| R\% | 3.65 | 13.02 | 18.53 | 13.57 | 50.02 | 0.73 | 0.30 | 0.07 | 0.11 | 100.00 |
| C\% | 4.36 | 5.79 | 7.08 | 4.21 | 18.87 | 0.27 | 0.11 | 0.04 | 0.04 | 4.70 |
| \$2,401-2,700 | 3,187 | 9,564 | 11,541 | 9,558 | 17,737 | 17,300 | 274 | 44 | 82 | 69,287 |
| R\% | 4.60 | 13.80 | 16.66 | 13.79 | 25.60 | 24.97 | 0.40 | 0.06 | 0.12 | 100.00 |
| C\% | 5.95 | 6.65 | 6.89 | 4.63 | 10.45 | 9.87 | 0.16 | 0.04 | 0.05 | 5.08 |
| \$2,701-3,000 | 2,673 | 7,296 | 12,866 | 6,199 | 7,909 | 31,087 | 598 | 42 | 197 | 68,867 |
| R\% | 3.88 | 10.59 | 18.68 | 9.00 | 11.48 | 45.14 | 0.87 | 0.06 | 0.29 | 100.00 |
| C\% | 4.99 | 5.07 | 7.68 | 3.01 | 4.66 | 17.73 | 0.36 | 0.03 | 0.13 | 5.05 |
| \$3,001-3,300 | 4,848 | 13,003 | 14,061 | 21,576 | 14,528 | 14,755 | 49,415 | 129 | 208 | 132,523 |
| R\% | 3.66 | 9.81 | 10.61 | 16.28 | 10.96 | 11.13 | 37.29 | 0.10 | 0.16 | 100.00 |
| C\% | 9.05 | 9.04 | 8.40 | 10.46 | 8.56 | 8.42 | 29.40 | 0.11 | 0.13 | 9.72 |
| \$3,301-3,800 | 7,040 | 18,067 | 19,952 | 27,911 | 18,036 | 19,690 | 31,941 | 38,027 | 4,381 | 185,045 |
| $\mathrm{R} \%$ | 3.80 | 9.76 | 10.78 | 15.08 | 9.75 | 10.64 | 17.26 | 20.55 | 2.37 | 100.00 |
| C\% | 13.14 | 12.56 | 11.92 | 13.53 | 10.63 | 11.23 | 19.00 | 31.08 | 2.80 | 13.58 |
| \$3,801 + | 30,723 | 80,782 | 91,650 | 116,957 | 78,134 | 91,863 | 85,653 | 84,052 | 151,490 | 811,304 |
| $\mathrm{R} \%$ | 3.79 | 9.96 | 11.30 | 14.42 | 9.63 | 11.32 | 10.56 | 10.36 | 18.67 | 100.00 |
| C\% | 57.34 | 56.14 | 54.74 | 56.70 | 46.05 | 52.41 | 50.95 | 68.70 | 96.82 | 59.52 |
| TOTAL | 53,578 | 143,884 | 167,418 | 206,283 | 169,671 | 175,288 | 168,103 | 122,345 | 156,472 | 1,363,042 |
| R\% | 3.93 | 10.56 | 12.28 | 15.13 | 12.45 | 12.86 | 12.33 | 8.98 | 11.48 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

TABLE 25-C
DISTRIBUTION OF PELL GRANT RECIPIENTS
BY EDUCATIONAL COST AND GRANT LEVEL INDEPENDENT RECIPIENTS - AWARD YEAR 1989-90

|  | GRANT LEVEL |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| COST OF EDUCATION | \$1-299 | \$300-599 | \$600-899 | \$900-1,199 | \$1,200-1,499 | \$1,500-1,799 | \$1,800-2,099 | \$2,100-2,299 | \$2,300 | TOTAL |
| LESS THAN \$400 | 146 | 46 | 37 | 43 | 19 | 22 | 16 | 3 | 15 | 347 |
| R\% | 42.07 | 13.26 | 10.66 | 12.39 | 5.48 | 6.34 | 4.61 | 0.86 | 4.32 | 100.00 |
| C\% | 0.23 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.02 |
| \$400-1,500 | 3,585 | 2,669 | 1,594 | 15 | 16 | 4 | 7 | 2 | 3 | 7,895 |
| R\% | 45.41 | 33.81 | 20.19 | 0.19 | 0.20 | 0.05 | 0.09 | 0.03 | 0.04 | 100.00 |
| C\% | 5.73 | 1.42 | 0.71 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 |
| \$1,501-1,800 | 1,268 | 2,013 | 990 | 1,897 | 20 | 15 | 9 | 4 | 8 | 6,224 |
| R\% | 20.37 | 32.34 | 15.91 | 30.48 | 0.32 | 0.24 | 0.14 | 0.06 | 0.13 | 100.00 |
| C\% | 2.03 | 1.07 | 0.44 | 0.54 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.32 |
| \$1,801-2,100 | 854 | 1,799 | 1,118 | 1,737 | 384 | 29 | 12 | 5 | 10 | 5,948 |
| R\% | 14.36 | 30.25 | 18.80 | 29.20 | 6.46 | 0.49 | 0.20 | 0.08 | 0.17 | 100.00 |
| C\% | 1.37 | 0.96 | 0.50 | 0.50 | 0.25 | 0.01 | 0.01 | 0.00 | 0.00 | 0.30 |
| \$2,101-2,400 | 2,124 | 7,533 | 9,185 | 6,430 | 16,775 | 182 | 92 | 25 | 64 | 42,410 |
| R\% | 5.01 | 17.76 | 21.66 | 15.16 | 39.55 | 0.43 | 0.22 | 0.06 | 0.15 | 100.00 |
| C\% | 3.40 | 4.01 | 4.07 | 1.84 | 11.11 | 0.08 | 0.05 | 0.02 | 0.02 | 2.16 |
| \$2,401-2,700 | 3,817 | 11,426 | 12,258 | 9,239 | 13,166 | 10,171 | 129 | 43 | 65 | 60,314 |
| $\mathrm{R} \%$ | 6.33 | 18.94 | 20.32 | 15.32 | 21.83 | 16.86 | 0.21 | 0.07 | 0.11 | 100.00 |
| $\mathrm{C} \%$ | 6.10 | 6.09 | 5.43 | 2.64 | 8.72 | 4.32 | 0.06 | 0.03 | 0.02 | 3.08 |
| \$2,701-3,000 | 4,770 | 16,782 | 25,679 | 9,806 | 12,978 | 32,817 | 909 | 64 | 167 | 103,972 |
| R\% | 4.59 | 16.14 | 24.70 | 9.43 | 12.48 | 31.56 | 0.87 | 0.06 | 0.16 | 100.00 |
| C\% | 7.63 | 8.94 | 11.38 | 2.80 | 8.59 | 13.94 | 0.45 | 0.05 | 0.04 | 5.31 |
| \$3,001-3,300 | 6,435 | 20,592 | 18,297 | 30,376 | 20,032 | 15,796 | 59,473 | 184 | 304 | 171,489 |
| R\% | 3.75 | 12.01 | 10.67 | 17.71 | 11.68 | 9.21 | 34.68 | 0.11 | 0.18 | 100.00 |
| C\% | 10.29 | 10.97 | 8.11 | 8.68 | 13.27 | 6.71 | 29.70 | 0.15 | 0.07 | 8.75 |
| \$3,301-3,800 | 9,829 | 33,052 | 30,964 | 58,837 | 23,913 | 31,339 | 53,360 | 72,481 | 11,828 | 325,603 |
| $\mathrm{R} \%$ | 3.02 | 10.15 | 9.51 | 18.07 | 7.34 | 9.62 | 16.39 | 22.26 | 3.63 | 100.00 |
| C\% | 15.72 | 17.61 | 13.72 | 16.81 | 15.84 | 13.32 | 26.64 | 58.03 | 2.81 | 16.62 |
| \$3,801 + | 29,706 | 91,824 | 125,580 | 231,673 | 63,705 | 144,982 | 86,263 | 52,089 | 409,085 | 1,234,907 |
| R\% | 2.41 | 7.44 | 10.17 | 18.76 | 5.16 | 11.74 | 6.99 | 4.22 | 33.13 | 100.00 |
| C\% | 47.50 | 48.91 | 55.64 | 66.18 | 42.19 | 61.60 | 43.07 | 41.70 | 97.04 | 63.03 |
| TOTAL | 62,534 | 187,736 | 225,702 | 350,053 | 151,008 | 235,357 | 200,270 | 124,900 | 421,549 | 1,959,109 |
| R\% | 3.19 | 9.58 | 11.52 | 17.87 | 7.71 | 12.01 | 10.22 | 6.38 | 21.52 | 100.00 |
| C\% | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

## Table 26

# Distribution of Pell Recipients <br> By State and Control of Institution 

Award Period 1989-90

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

The number of Pell Grant recipients enrolled in postsecondary institutions varies 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 have nearly 581,000 recipients $\$ 17.5$ percent of the total) attending schools within their boundaries. In contrast, eight states have fewer than 10,000 recipients each and account for only 1.7 percent of total recipients: Alaska, Delaware, District of Columbia, Hawaii, Nevada, New Hampshire, Vermont, and Wyoming.

Figure 29 graphically depicts the number of Pell recipients enrolled by state.

Disproportionate Pell Enrollments Within a State by Control of Institution. An examination of general enrollment patterns from Table 23 shows that 60 percent of all recipients attend public institutions, 18.3 percent attend private, non-profit institutions, and 21.8 percent attend private, profit-making institutions. However, there is considerable variety among the states in the control of institution attended by Pell

Grant recipients.

- In eight states, more than three quarters of the Pell recipients are enrolled in public institutions. These states, and the percentages of Pell recipients in public institutions, are: New Mexico $\mathbf{8 6 . 4}$ percent), Wyoming ( 84.9 percent), Montana $(83.2$ percent), North Dakota $(82.7$ percent), Wisconsin (81.9 percent), Mississippi ( 80.3 percent), Minnesota ( 79.8 percent), and Oregon ( 77.6 percent).
- In five jurisdictions, a disproportionately high number of Pell recipients are enrolled in private, non-profit institutions. These are: the District of Columbia ( 61.6 percent), the All Others category -- which includes Puerto Rico, the Virgin islands, Guam, American Samoa, and the Pacific islands $\mathbf{( 5 2 . 3}$ percent), Vermont (40.9 percent), Massachusetts ( 40.7 percent), and Rhode Island (36.8 percent).
- In six states, unusually high percentages of students attend private, profit-making institutions. These are: Nevada ( 52.8 percent), Alaska (47.7 percent), Connecticut ( 44.6 percent), Delaware ( 43.3 percent), Arizona ( 40.6 percent), and Florida
(33.0 percent). For some of these states, the high percentages may reflect schools in that state with branches in other states whose enrollment counts are included in one state only.

Some Cross-Year Declines by State. In comparing 1989-90 data to that of the previous year, an overall increase in Pell recipients of 3.9 percent is evident. However, nine jurisdictions experienced declines in Pell recipients, three of them by more than 1
percent. Those three are Delaware $\mathbf{1 6 6 . 3}$ percent), the District of Columbia ( 5 percent), and Washington (1.4 percent). Delaware's unusually steep decline is attributable entirely to 15,000 fewer recipients attending private, profit-making institutions. This most likely reflects a closing of one or more institutions serving students in branch campuses in other states besides Delaware. States with declines of 1 percent or less in Pell recipients include Connecticut, Louisiana, Massachusetts, Oregon, South Dakota, and Wisconsin.

Figure 29
Number of Pell Grant Recipients By State of Institution Attended
Award Period 1989-90


TABLE 26
DISTRIBUTION OF PELL GRANT RECIPIENTS BY STATE AND CONTROL OF INSTITUTION AWARD YEAR 1989-90

|  | PUBLIC |  | PRIVATE NON-PROFIT |  | PRIVATE PROFIT-MAKING |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECIPS | AWARDS | RECIPS | AWARDS | RECIPS | AWARDS | RECIPS | AWARDS |
| ALABAMA | 50,129 | \$62,886,009 | 7,337 | \$11,571,888 | 17,424 | \$29,307,550 | 74,890 | \$103,765,447 |
| ALASKA | 2,187 | 3,206,264 | 243 | 391,293 | 2,215 | 3,588,647 | 4,645 | 7,186,204 |
| ARIZONA | 33,393 | 44,540,435 | 2,095 | 3,416,100 | 24,208 | 37,483,364 | 59,696 | 85,439,899 |
| ARKANSAS | 26,930 | 39,242,598 | 4,083 | 6,540,737 | 9,683 | 15,278,660 | 40,696 | 61,061,995 |
| CALIFORNIA | 166,406 | 215,664,034 | 28,347 | 43,860,250 | 82,507 | 134,308,921 | 277,260 | 393,833,205 |
| Colorado | 35,305 | 51,550,026 | 2,280 | 3,243,899 | 12,718 | 18,250,358 | 50,303 | 73,044,283 |
| CONNECTICUT | 6,797 | 8,777,443 | 3,700 | 5,283,581 | 8,448 | 11,270,971 | 18,945 | 25,331,995 |
| DELAWARE | 3,565 | 4,519,681 | 633 | 834,908 | 3,206 | 2,674,483 | 7,404 | 8,029,072 |
| DISTRICT OF COLUMBIA | 811 | 939,317 | 5,242 | 8,038,018 | 2,461 | 4,146,734 | 8,514 | 13,124,069 |
| FLORIDA | 71,659 | 91,603,512 | 18,343 | 28,679,865 | 44,426 | 67,069,648 | 134,428 | 187,353,025 |
| GEORGIA | 34,020 | 43,801,680 | 11,269 | 16,868,404 | 15,444 | 23,081,552 | 60,733 | 83,751,636 |
| HAWAII | 3,608 | 4,797,759 | 1,150 | 1,858,227 | 687 | 934,379 | 5,445 | 7,590,365 |
| IDAHO | 11,437 | 17,359,199 | 3,809 | 5,915,462 | 1,006 | 1,505,951 | 16,252 | 24,780,612 |
| ILLINOIS | 86,089 | 112,845,022 | 29,672 | 43,051,165 | 23,938 | 34,951,351 | 139,699 | 190,847,538 |
| INDIANA | 44,347 | 58,270,030 | 10,417 | 14,392,288 | 10,836 | 15,589,818 | 65,600 | 88,252,136 |
| IOWA | 32,937 | 47,168,309 | 13,923 | 20,291,924 | 4,745 | 6,782,331 | 51,605 | 74,242,564 |
| KANSAS | 30,241 | 41,587,353 | 10,136 | 11,877,957 | 5,503 | 8,643,525 | 45,880 | 62,108,835 |
| KENTUCKY | 35,916 | 50,444,284 | 8,244 | 13,104,839 | 10,806 | 16,301,248 | 54,966 | 79,850,371 |
| LOUISIANA | 52,217 | 79,704,799 | 5,998 | 9,638,040 | 23,533 | 38,489,620 | 81,748 | 127,832,459 |
| MAINE | 7,545 | 10,943,305 | 1,744 | 2,538,524 | 1,181 | 1,620,281 | 10,470 | 15,102,110 |
| MARYLAND | 26,379 | 34,650,467 | 3,154 | 4,586,743 | 8,158 | 11,384,286 | 37,691 | 50,621,496 |
| MASSACHUSETTS | 24,744 | 34,711,713 | 20,094 | 29,839,946 | 4,536 | 6,492,453 | 49,374 | 71,044,112 |
| MICHIGAN | 90,230 | 118,248,239 | 27,087 | 38,139,833 | 18,378 | 29,238,431 | 135,695 | 185,626,503 |
| minNesota | 61,858 | 90,310,347 | 11,004 | 15,377,987 | 4,680 | 6,064,733 | 77,542 | 111,753,067 |
| MISSISSIPPI | 40,444 | 59,565,979 | 4,488 | 7,363,828 | 5,409 | 8,165,777 | 50,341 | 75,095,584 |
| MISSOURI | 42,803 | 58,425,298 | 15,629 | 22,660,944 | 16,467 | 25,435,175 | 74,899 | 106,521,417 |
| MONTANA | 13,133 | 20,121,885 | 1,967 | 2,994,739 | 684 | 959,222 | 15,784 | 24,075,846 |
| NEBRASKA | 21,391 | 28,400,354 | 4,656 | 6,683,412 | 2,781 | 3,954,383 | 28,828 | 39,038,149 |
| NEVADA | 4,496 | 5,349,282 | 59 | 97,726 | 5,097 | 7,848,092 | 9,652 | 13,295,100 |
| NEW HAMPSHIRE | 3,016 | 4,161,603 | 1,759 | 2,320,065 | 688 | 897,887 | 5,463 | 7,379,555 |
| NEW JERSEY | 28,945 | 42,299,539 | 6,345 | 9,919,348 | 15,371 | 21,461,980 | 50,661 | 73,680,867 |
| NEW MEXICO | 21,462 | 30,306,578 | 650 | 1,011,351 | 2,731 | 4,655,999 | 24,843 | 35,973,928 |
| NEW YORK | 143,997 | 207,050,963 | 85,375 | 143,784,429 | 73,927 | 102,207,400 | 303,299 | 453,042,792 |
| NORTH CAROLINA | 40,657 | 51,005,984 | 12,529 | 19,156,058 | 7,846 | 11,292,479 | 61,032 | 81,454,521 |
| NORTH DAKOTA | 13,708 | 21,231,244 | 2,064 | 3,313,869 | 807 | 1,129,252 | 16,579 | 25,674,365 |
| OHIO | 87,597 | 121,622,734 | 22,792 | 34,236,955 | 41,424 | 61,196,589 | 151,813 | 217,056,278 |
| OKLAHOMA | 41,555 | 58,870,029 | 5,931 | 9,348,451 | 11,814 | 17,922,239 | 59,300 | 86,140,719 |
| OREGON | 29,981 | 44,006,328 | 4,126 | 6,374,998 | 4,506 | 7,046,771 | 38,613 | 57,428,097 |
| PENNSYLVANIA | 71,479 | 101,141,476 | 33,046 | 47,554,552 | 29,495 | 44,294,747 | 134,020 | 192,990,775 |
| RHODE ISLAND | 4,974 | 6,438,926 | 3,905 | 5,579,398 | 1,735 | 2,396,233 | 10,614 | 14,414,557 |
| SOUTH CAROLINA | 26,382 | 33,438,310 | 7,538 | 11,950,091 | 6,684 | 9,709,486 | 40,604 | 55,097,887 |
| SOUTH DAKOTA | 11,647 | 18,023,422 | 2,355 | 3,445,373 | 2,281 | 3,346,895 | 16,283 | 24,815,690 |
| TENNESSEE | 37,775 | 50,840,578 | 13,888 | 21,469,216 | 14,213 | 21,717,485 | 65,876 | 94,027,279 |
| TEXAS | 144,132 | 178,519,312 | 18,777 | 28,815,629 | 65,120 | 106,844,824 | 228,029 | 314,179,765 |
| UTAH | 24,624 | 35,209,566 | 11,129 | 18,762,736 | 2,933 | 4,417,530 | 38,686 | 58,389,832 |
| VERMONT | 3,188 | 4,066,117 | 2,321 | 3,366,508 | 163 | 278,728 | 5,672 | 7,711,353 |
| VIRGINIA | 36,714 | 49,631,987 | 9,112 | 13,171,567 | 11,774 | 15,555,447 | 57,600 | 78,359,001 |
| WASHINGTON | 40,752 | 58,554,829 | 6,183 | 9,391,140 | 9,030 | 14,003,647 | 55,965 | 81,949,616 |
| WEST VIRGINIA | 17,594 | 25,088,240 | 3,377 | 4,978,579 | 4,816 | 7,102,277 | 25,787 | 37,169,096 |
| WISCONSIN | 54,080 | 77,923,934 | 9,078 | 12,885,852 | 2,903 | 4,327,400 | 66,061 | 95,137,186 |
| WYOMING | 6,999 | 9,710,609 | 0 | 0 | 1,245 | 1,929,661 | 8,244 | 11,640,270 |
| ALL OTHERS | 39,789 | 52,477,319 | 87,962 | 161,483,821 | 40,371 | 70,570,569 | 168,122 | 284,531,709 |

## Table 27

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

Award Period 1989-90

Table 27 presents the distribution of Pell Grant recipients by the recipient's state of legal residence and control of institution attended in 1989-90.

Nine Jurisdictions Account for More Than Half. of Expenditures. In general, the larger a state's population, the larger the number of Pell Grant recipients residing in that state. Eight large states plus the All Others category (Puerto Rico and several smaller jurisdictions: American Samoa, Guam, the Virgin Islands, and the Pacific islands) account for 52.1 percent of Pell Grant recipients, with more than 100,000 each. In descending order these are: New York, California, Texas, All Others, Ohio, lllinois, Michigan, Florida, and Pennsylvania. The same jurisdictions account for 52.5 percent of total expenditures.

In contrast, each of nine states had fewer than 10,000 recipients: in descending order, Nevada, Rhode Island, Wyoming, Hawaii, Vermont, New Hampshire, the District of Columbia, Alaska and Delaware. The students residing in these states represent 1.7 percent of all recipients and account for 1.7 percent of the expenditures.

States Attracting Recipients. A comparison with the recipient data from Table 26 gives a
rough indication of the ability of certain states to attract recipients from outside their boundaries. For example, the number of Pell recipients enrolled in institutions in 12 states exceeds the number of Pell legal residents from those states by at least 10 percent. These states -- as shown in Figure 30 -- are Alabama, Arizona, Arkansas, Connecticut, Delaware, the District of Columbia, Kansas, Massachusetts, Rhode Island, Tennessee, Utah, and West Virginia.

States That Send Recipients Out of State. A similar comparison indicates that some jurisdictions send more Pell residents out of state. For example, Pell residents in these states exceed Pell enrollees in institution in these states by at least 10 percent. These are Hawaii, Maine, Montana, New Jersey, New Mexico, and the All Others category, also shown in Figure 30.

In all other states, the number of Pell recipients attending school with a state is closer to the number of recipients with legal residence in that state.

Some States Have Decline in Pell Recipients. A comparison of 1989-90 data to that from 1988-89 indicates that Alaska and the District of Columbia had substantial declines (-14.3
percent and -11.0 percent, respectively) in the number of Pell recipients with legal residence in that state. In D.C., this is the second straight year with a substantial drop in Pell recipients, attributable again to a decline in the number of resident recipients attending private, profitmaking institutions. In Alaska, the Pell recipient decline among residents is attributable to decreased numbers attending public and private, non-profit institutions; the number of
resident Pell recipients attending private, profitmaking schoois actually increased. Several other states had smaller declines in the number of legal resident receiving Pell Grants. These states (and their declines in Pell recipients) are Washington (-2.6 percent), Louisiana (-2.5 percent), and Wisconsin (-1.2 percent). States with declines in number of Pell recipients of less than .5 percent are excluded, as these declines are of no consequence.

Figure 30
Comparison of Pell Grant Recipients by State of Institution Attended and State of Legal Residence


TABLE 27
DISTRIBUTION OF PELL GRANT RECIPIENTS

## BY RECIPIENTS' STATE OF LEGAL RESIDENCE AND CONTROL OF INSTITUTION AWARD YEAR 1989-90

|  | PUBLIC |  | PRIVATE NON-PROFIT |  | PRIVATE PROFIT-MAKING |  | TOTAL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECIPS | AWARDS | RECIPS | AWARDS | RECIPS | AWARDS | RECIPS | AWARDS |
| ALABAMA | 46,544 | \$57,750,053 | 5,966 | \$9,304,903 | 14,154 | \$22,036,349 | 66,664 | \$89,091,305 |
| ALASKA | 2,669 | 3,891,841 | 687 | 1,045,845 | 1,255 | 1,996,021 | 4,611 | 6,933,707 |
| ARIZONA | 31,387 | 41,703,948 | 3,640 | 5,740,612 | 18,252 | 28,539,540 | 53,279 | 75,984,100 |
| ARKANSAS | 26,032 | 37,739,228 | 4,046 | 6,445,106 | 6,182 | 9,276,008 | 36,260 | 53,460,342 |
| CALIFORNIA | 163,385 | 212,234,799 | 29,269 | 45,945,449 | 85,629 | 140,975,050 | 278,283 | 399,155,298 |
| Colorado | 34,590 | 50,555,917 | 4,356 | 6,303,485 | 12,512 | 18,060,743 | 51,458 | 74,920,145 |
| CONNECTICUT | 7,157 | 9,270,138 | 4,158 | 5,966,087 | 4,866 | 7,213,391 | 16,181 | 22,449,616 |
| DELAWARE | 3,003 | 3,693,888 | 736 | 968,569 | 754 | 994,163 | 4,493 | 5,656,620 |
| DISTRICT OF COLUMBIA | 1,513 | 2,019,967 | 1,381 | 2,095,536 | 2,222 | 3,270,290 | 5,116 | 7,385,793 |
| FLORIDA | 71,931 | 91,678,489 | 19,449 | 30,415,884 | 42,916 | 64,738,485 | 134,296 | 186,832,858 |
| GEORGIA | 34,682 | 44,845,593 | 10,029 | 14,938,535 | 16,530 | 24,916,870 | 61,241 | 84,700,998 |
| HAWAll | 3,677 | 4,928,187 | 1,416 | 2,250,537 | 940 | 1,285,989 | 6,033 | 8,464,713 |
| IDAHO | 11,653 | 17,585,371 | 3,472 | 5,462,753 | 1,359 | 2,038,269 | 16,484 | 25,086,393 |
| ILLINOIS | 89,437 | 119,171,497 | 32,033 | 46,828,584 | 27,772 | 40,313,530 | 149,242 | 206,313,611 |
| INDIANA | 43,238 | 56,751,977 | 10,105 | 14,018,810 | 10,805 | 15,333,928 | 64,148 | 86,104,715 |
| IOWA | 33,397 | 47,587,146 | 12,492 | 18,154,060 | 4,615 | 6,642,443 | 50,504 | 72,383,649 |
| KANSAS | 28,709 | 39,294,323 | 5,635 | 7,972,907 | 4,714 | 7,037,086 | 39,058 | 54,304,316 |
| KENTUCKY | 34,450 | 48,113,904 | 8,278 | 12,964,410 | 10,742 | 15,693,931 | 53,470 | 76,772,245 |
| LOUISIANA | 50,402 | 76,483,732 | 5,599 | 8,999,204 | 26,511 | 43,001,773 | 82,512 | 128,484,709 |
| MAINE | 7,543 | 10,896,876 | 2,748 | 3,885,108 | 1,420 | 1,918,744 | 11,711 | 16,700,728 |
| MARYLAND | 22,963 | 31,246,884 | 4,959 | 7,139,241 | 11,582 | 16,659,435 | 39,504 | 55,045,560 |
| MASSACHUSETTS | 24,906 | 34,823,696 | 14,841 | 21,968,434 | 4,447 | 6,272,313 | 44,194 | 63,064,443 |
| MICHIGAN | 91,341 | 120,335,528 | 29,614 | 41,785,055 | 21,640 | 33,535,043 | 142,595 | 195,655,626 |
| minNesota | 60,944 | 88,937,426 | 10,395 | 14,603,417 | 4,800 | 6,235,025 | 76,139 | 109,775,868 |
| MISSISSIPPI | 38,972 | 57,223,166 | 4,707 | 7,650,907 | 10,469 | 16,481,068 | 54,148 | 81,355,141 |
| MISSOURI | 42,706 | 58,191,555 | 12,571 | 18,298,058 | 12,955 | 19,807,494 | 68,232 | 96,297,107 |
| MONTANA | 13,459 | 20,502,327 | 2,963 | 4,518,547 | 1,295 | 1,914,643 | 17,717 | 26,935,517 |
| NEBRASKA | 21,225 | 28,246,597 | 4,349 | 6,273,074 | 3,015 | 4,314,048 | 28,589 | 38,833,719 |
| NEVADA | 4,395 | 5,151,834 | 537 | 784,076 | 4,953 | 7,661,377 | 9,885 | 13,597,287 |
| NEW HAMPSHIRE | 2,796 | 3,836,681 | 1,711 | 2,275,141 | 671 | 880,698 | 5,178 | 6,992,520 |
| NEW JERSEY | 30,918 | 45,035,765 | 11,258 | 16,923,754 | 14,767 | 20,160,097 | 56,943 | 82,119,616 |
| NEW MEXICO | 21,087 | 29,890,611 | 1,394 | 2,068,920 | 4,961 | 8,050,894 | 27,442 | 40,010,425 |
| NEW YORK | 146,854 | 211,054,123 | 85,722 | 143,598,620 | 66,523 | 93,081,080 | 299,099 | 447,733,823 |
| NORTH CAROLINA | 38,687 | 48,300,204 | 9,611 | 14,595,475 | 7,680 | 10,677,250 | 55,978 | 73,572,929 |
| NORTH DAKOTA | 12,669 | 19,679,795 | 1,865 | 2,959,138 | 889 | 1,264,382 | 15,423 | 23,903,315 |
| OHIO | 87,349 | 121,195,111 | 24,172 | 36,135,653 | 39,166 | 57,305,612 | 150,687 | 214,636,376 |
| OKLAHOMA | 40,765 | 57,511,959 | 5,158 | 7,948,924 | 12,410 | 19,167,321 | 58,333 | 84,628,204 |
| OREGON | 28,777 | 42,123,829 | 4,895 | 7,443,684 | 5,535 | 8,472,404 | 39,207 | 58,039,917 |
| PENNSYLVANIA | 72,965 | 102,900,191 | 33,489 | 48,201,750 | 26,654 | 38,894,110 | 133,108 | 189,996,051 |
| RHODE ISLAND | 4,869 | 6,322,369 | 2,242 | 3,222,484 | 1,523 | 2,102,804 | 8,634 | 11,647,657 |
| SOUTH CAROLINA | 25,525 | 32,533,412 | 8,080 | 12,834,718 | 6,792 | 9,797,194 | 40,397 | 55,165,324 |
| SOUTH DAKOTA | 11,712 | 18,005,882 | 2,514 | 3,684,365 | 1,446 | 2,093,678 | 15,672 | 23,783,925 |
| TENNESSEE | 36,612 | 48,794,400 | 9,686 | 14,719,485 | 13,058 | 19,298,684 | 59,356 | 82,812,569 |
| TEXAS | 142,308 | 176,622,187 | 21,706 | 31,569,332 | 70,628 | 114,788,553 | 234,642 | 322,980,072 |
| UTAH | 23,464 | 33,509,607 | 6,988 | 11,627,916 | 3,473 | 5,186,719 | 33,925 | 50,324,242 |
| VERMONT | 3,127 | 4,006,822 | 2,091 | 3,028,958 | 249 | 365,711 | 5,467 | 7,401,491 |
| VIRGINIA | 34,534 | 46,394,915 | 7,322 | 10,872,520 | 12,505 | 16,921,228 | 54,361 | 74,188,663 |
| WASHINGTON | 40,606 | 58,265,761 | 7,118 | 10,939,046 | 8,834 | 13,504,977 | 56,558 | 82,709,784 |
| WEST VIRGINIA | 15,734 | 22,216,992 | 3,400 | 5,013,264 | 3,938 | 5,860,954 | 23,072 | 33,091,210 |
| WISCONSIN | 53,454 | 76,832,012 | 10,038 | 14,214,941 | 3,250 | 4,574,988 | 66,742 | 95,621,941 |
| WYOMING | 6,936 | 9,718,215 | 538 | 838,198 | 814 | 1,278,428 | 8,288 | 11,834,841 |
| ALL OTHERS | 64,006 | 85,647,520 | 95,616 | 174,019,034 | 47,970 | 83,236,654 | 207,592 | 342,903,208 |

## GLOSSARY OF TERMS

## Glossary

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 1989-90 End-of-Year Report is July 1, 1989 to June 30, 1990.

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

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

Dislocated Worker: A parent of a dependent student, or a student or spouse, who was terminated or laid-off or, if self-employed, was unemployed because of poor economic conditions or a natural disaster. This status must be certified by the appropriate State agency. It allows the use of expected 1989 income rather than 1988 income in the eligibility calculation and excludes home assets from the calculation.

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

Educational Cost: The cost of attending an institution offering postsecondary education coursework for a full academic year. In 1989-90, the basic factors allowed in determining educational costs for calculating the Pell Grant were tuition and fees and allowances for living expenses and miscellaneous expenses such as books and supplies and transportation. In addition, the Higher Education Act Amendments of 1986 established a new cost of attendance provision that was first effective in the 1987-88 award year: now the financial aid administrator can consider additional cost factors, such as allowances for child care or services/equipment for a handicapped student, when calculating the Pell Grant award.

Enrollment Status: The number of credit hours carried by the student. Enrollment status determines whether an adjustment must be made to the student's award amount for attending school on a part-time basis. The Department of Education establishes minimum course loads for the Pell Grant

Program, although an institution may establish higher standards. Minimums are:

- Full time - A student must take at least 12 semester or quarter hours per term, or a student must take at least 24 semester or 36 quarter hours per academic year for non-term programs.
- Three-quarter time - A student must take at least 9 semester or quarter hours per term, or a student must take at least 18 or 27 quarter hours per academic year for non-term programs.
- Half time - A student must take at least 6 semester or quarter hours per term, or a student must take at least 12 semester or 18 quarter hours per academic year for non-term programs.
- Less than half time - A student taking less than 6 semester or quarter hours per term, or a student taking less than 12 semester or 18 quarter hours per academic year for non-term programs. To be eligible for a Pell Grant at a less than half time enroliment status during the 1989-90 award year the student must also have a Student Aid Index of 0 and have received an initial disbursement at the less than half time status prior to January 1, 1990.

Expenditures: Funds awarded to Pell Grant recipients for an award period.

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

Independent Recipient: An individual receiving a Pell Grant who is not dependent on his or her parent for financial support. To be considered independent during the 1989-90 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.

MDE: Multiple Data Entry. Process by which an individual in 1989-90 could apply for a Pell Grant or other kinds of student aid using any one of the following four different application forms in addition to the U.S. Department of Education's Application for Federal Student Aid:

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

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

N: Number. The number of applicants, recipients, or other values found in each table cell.

Net Asset Level: Estimated monetary value of an applicant's (or applicant's parents if the applicant is a dependent) assets, minus the applicant's liabilities. Factors considered in estimating net asset level include the value of the home, investments; business, farm, and all debts against those assets, plus cash and savings.

Non-Qualified Applicant: Individual who has submitted an official application for a Pell Grant but has been determined ineligible to receive a grant because of insufficient financial need. A non-qualified applicant in 1989-90 had an SAI greater than 2,100.

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

Qualified Applicant: Individual who has submitted an official application for a Pell Grant and has been determined eligible to receive a grant because of sufficient financial need. An eligible applicant in 1989-90 had an SAl of 2,100 or less.
$\mathbf{R \%}$ : Row Percent. The number of responses in each cell within a row as a percentage of the total number of responses in the row.

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

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

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

Special Condition: One of several special family circumstances affecting a family's income earning ability. If one or more special conditions are met, the family is allowed to use an estimate of expected 1989 income, instead of actual 1988 income, in the determination of eligibility (i.e., the Student Aid Index formula). In general, the conditions recognized by the Department of Education are:

- Change from full-time (at least 35 hours per week for at least 30 weeks in 1988) to part-time employment (or unemployed).
- Student or spouse (independent) or parent (dependent) has lost job and remains unemployed for at least 10 weeks in 1989.
- Student or spouse (independent) or parent (dependent) is unable to work for at least 10 weeks in 1989 due to disability or natural disaster.
- Student or spouse (independent) or parent (dependent) becomes separated or divorced.
- Spouse (independent) or parent (dependent) dies.

The Special Condition provision replaces the Institutional Discretion provision in effect for 1988-89.

Type of Institution: Institutions are classified in the following manner:

- 5 Year or More - schools offering some programs (usually graduate) of at least 5 years in duration. (Usually these are state universities and major private universities.)
- 4 Year, No Graduate - schools offering programs leading to an undergraduate degree only. (Often these are private colleges.)
- 3 to 4 Year - schools requiring at least 3 but less than 4 years of course work, and awarding a degree or a certificate of proficiency.
- 2 to 3 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).
- 1 Year But Less Than 2 Years - schools requiring course work of at least 1 but less than 2 years, and awarding degrees or certificates of proficiency.
- 6 months But Less Than 1 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 trade schools).

Unofficial Application: Any Pell Grant application form or MDE record received by the central processor subsequent to processing the first application.

Valid Application: An application with sufficient data to calculate an SAI.

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

