# 1987-88 Federal Pell Grant Program End-of-Year Report

U.S. Department of Education
Office of Postsecondary Education



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#### Introduction

The Pell Grant program, administered by the Department of Education's Office of Student Financial Assistance, receives more Federal funds than any of the other five student financial aid programs authorized under Title IV of the Higher Education Act of 1965 and its amendments. The program offered grants ranging from \$200 to \$2,100 in the 1987-88 academic year to eligible students so that they might further their postsecondary education. Since the program's inception in 1973, the number of recipients has increased sixteenfold. During 1987-88 alone, more than 2.8 million students received \$3.75 billion in grants.

The primary feature that distinguishes the Pell Grant program from other forms of financial assistance is its entitlement concept. All students meeting certain criteria are guaranteed aid, with the amount of aid determined by financial need and educational cost. To be eligible for a grant an individual must meet certain residency requirements, be enrolled at least half-time in an eligible program at a school participating in the Pell program and be determined to have sufficient financial need. Financial need is calculated using a formula developed by the Department of Education and approved by Congress. (Beginning in 1988-89, that formula is specified by law.)

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

Generally, the amount of the grant increases as the SAI decreases so that an applicant with an index of zero may receive the maximum award equal to 60 percent of the applicant's educational cost for the year. This was subject to an overall maximum award of \$2,100 in 1987-88. Proportionally smaller awards are made to part-time students.

#### Purpose of the End-of-Year Report

The Pell Grant End-of-Year Report is a series of tables, with accompanying explanation, which describe in detail selected aspects of Pell program activity.

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

<sup>1</sup> The next largest program in terms of Federal expenditures is the Guaranteed Student Loan program (now Stafford Student Loan program). The other programs providing student financial assistance in order of decreasing size are as follows: College Work-Study; Supplemental Educational Opportunity Grant; National Direct Student Loan (now Perkins Loan); and State Student Incentive Grant.

#### Organization of the End-of-Year Report

The 1987-88 End-of-Year Report is organized into six chapters.

Chapter 1 highlights the most significant program activities during the 1987-88 award period. This chapter contains general information such as the total number of applications processed, the number of grant recipients, the types and number of institutions participating in the Pell Grant program, and income-related characteristics of applicants and recipients.

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

Chapter 3 presents information about the eligibility status of applicants by income level, examines the interrelationship of dependent students' earnings and family income, explains summary information on applicants reporting veteran's educational benefits, and contains a table on enrollment status by type and control of institution.

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

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

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

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

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

## <u>Data Bases for End-of-Year Report</u> <u>Tables</u>

All tables in the 1987-88 End-of Year Report, except Table 13, were derived from a merged universe file containing applicant and recipient data current through spring, 1989. The applicant data were taken from the student applications processed by the central processor; recipient or disbursement data were derived from information reported by institutions on the Payment Document portion (Part 3) of the Student Aid Report (SAR).

The expenditure and grant level information found in the tables closely reflects actual expenditures in the Pell Grant program for 1987-88. However, "freezing" Pell Grant data in spring, 1989, and using only information on the file through that time means that some information was not collected and some unreconciled student payment data may be incorporated in the universe file. Nevertheless, the number of additions to the file after the cut-off date will be small and will not significantly change the current distributions.

The data on Table 13 are derived from a separate data base--the Management Information System of the Pell Grant Application Processing System. Table 13 was produced using data through December 15, 1988 and thus reflects actual end-of-year applicant statistics. These data are used in Table 13 because they more finely reflect certain applicant characteristics not available from other sources.

The data presented in the 1987-88 End-of-Year Report have been compared internally and with similar data derived from other sources. The distributions have been found to be consistent.

## CHAPTER 1

## HIGHLIGHTS OF THE PELL GRANT PROGRAM

Award Period 1987-88

#### Highlights of the Peil Grant Program

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

#### **Applicant Summary**

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

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

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

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

#### Recipient Summary

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

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

<sup>&</sup>lt;sup>2</sup> 12.4 million undergraduate students were enrolled in the fall of 1986 (Source: U.S. Department of Education, Center of Education Statistics, the 1987 National Postsecondary Student Aid Study).

#### Exhibit 1

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

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

#### **Expenditure Summary**

The average size of individual awards increased from \$1,301 in 1986-87 to \$1,303 in 1987-88. Rising educational costs is one explanation for the change. In 1986-87, the average cost to determine the Pell Grant was \$4,273; 62 percent had costs greater than \$3,300; 12 percent had costs less than \$2,400. In 1987-88, the average cost had increased by 4.8 percent to \$4,480; 66 percent of recipients had costs greater than \$3,300; 10 percent had costs below \$2,400.

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

#### Student Characteristics

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

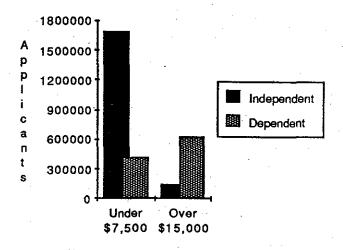
The data shows that Pell Grants are directed toward low income students (see Figure 1). Over 99 percent of all applicants who reported receiving an income of \$7,500 or less qualified for a Pell Grant; 80 percent with incomes from \$7,500 to \$15,000 qualified; and 32 percent with incomes above \$15,000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

As a result, most in the pool of qualified Pell Grant applicants were in the low income ranges. Over one half (56 percent) of all who qualified reported family incomes of \$7,500 or less while one fifth (20 percent) had incomes over

\$15,000. Independent applicants were more numerous in the lower income ranges, while dependents, who report parental income, predominated in the higher ranges.

Figure 1
Distribution of Qualified Pell Grant
Applicants
By Family Income

Award Period 1987-88



Family Income

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

In addition to receiving little income, most 1987-88 recipients reported having few available assets. Three out of four (77 percent), most of whom claimed to be independent, had net assets (net value of home, business, farm, investments, cash and savings) of \$7,500 or less. One in nine (11 percent), almost all of whom were dependent, showed assets exceeding \$25,000.

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

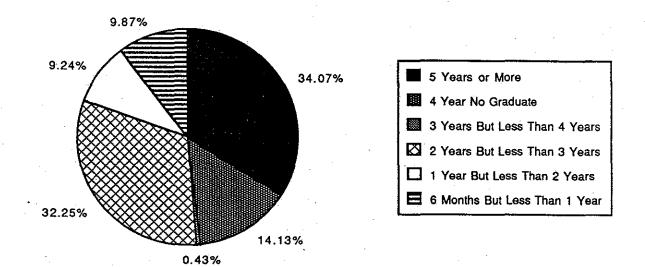
Award Period 1987-88

600000 Independents 500000 Dependents 400000 300000 200000 100000 \$3001-\$15001-\$20001-\$30001 & Less than \$1001-\$6001-\$9001-\$1001 3001 6000 9000 15000 20000 30000 Greater

Family Income

Figure 3
Pell Grant Recipients By Type of Institution Attended

Award Period 1987-88

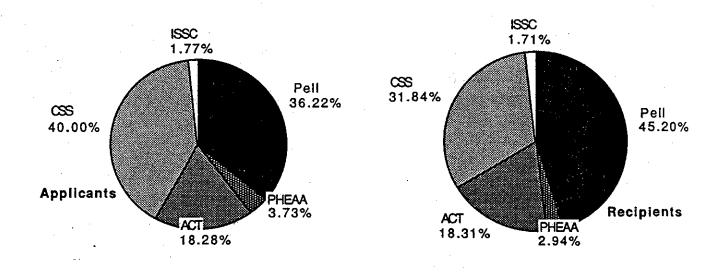


#### Institutional Characteristics

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

Figure 4
Pell Grant Applicants/Recipients By Multiple Data Entry Source

Award Period 1987-88



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

#### Application Source

Students could apply for a 1987-88 Pell Grant using one of five forms (see Figure 4). About 40

percent used the application form supplied by the College Scholarship Commission (CSS); 36 percent completed the Federal (Pell) form; 18 percent chose the American College Testing (ACT) form; 4 percent applied through the Pennsylvania Higher Education Assistance Agency (PHEAA) and the remaining 2 percent applied through the Illinois State Scholarship Commission (ISSC), which became an MDE participant for the first time in 1987-88.

The characteristics of the students varied by source of application. Applicants for a Pell Grant using the Federal form tended to have lower incomes. As a result, these students

qualified for an award at a higher rate than students using one of the other four application forms. Nearly four of every five Federal form filers (81 percent) qualified for a grant. By comparison, 67 percent of the ISSC filers, 56 percent of ACT filers, 46 percent of PHEAA filers, and 46 percent of CSS filers qualified for a grant based on financial need.

#### Verification

The passage of the Higher Education Amendments of 1986 established a limit of 30 percent of

applicants the Department could select for verification, beginning with the 1987-88 award year.

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

#### Table 1

# Pell Grant Program Summary Statistics for Cross-Year Reference

Award Period 1987-88

Table 1 summarizes the general applicant and recipient trends in the Pell Grant program from award period 1973-74, the first year of the program, through award period 1987-88.

#### 1973-74 through 1979-80

As the first page of Table 1 shows, the Pell Grant program grew rapidly following its initial year, both in terms of student participation and Federal expenditure. As the population eligible for aid expanded from freshman only in 1974-75 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 However, with the drop in the 1978-79). percentage of applicants qualified to receive a grant and a sharp increase in the portion of applications with insufficient data, the number of student aid applicants actually receiving a grant declined during this 3 year period (from 1.94 million to 1.89 million).

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

#### 1980-81 through 1986-87

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

Students submitting an official Pell Grant application increased from 4.8 million in 1980-81 to 6.0 million in 1986-87, with the largest 1 year percentage increase (6.6 percent) occurring after the 1985-86 award year. The rise in the recipient population was less steady and more modest. In 1980-81, 2.7 million students received aid. After a drop to 2.5 million in 1982-83, the number had risen back to 2.7 million by 1986-87.

Although the increase in the number of postsecondary students benefiting from the program was not great during this 6 year period, the average size of individual grants grew substantially. In 1980-81, the average was \$882; by 1986-87, the figure had risen by 47.5 percent to \$1,301. Contributing to the growth in the average grant were sharp rises in college costs, increases in the maximum award from \$1,750 to \$2,100, and a jump form 50 to 60 percent in the maximum allowable amount of a student's cost that can be covered by a Pell Grant. Larger awards, combined with the slight rise in student participation, pushed total program expenditures to nearly \$3.5 billion in 1986-87, a 45 percent increase over the 1980-81 figure.

Table 1 shows that other program statistics remained relatively constant during this 6 year period. The percentage of applications ending the year in a rejected status varied from a low of 6.7 percent in 1981-82 to a high of 9.7 percent in 1984-85. The portion of applicants qualifying for a grant also did not fluctuate greatly. Applicants in 1980-81 had the greatest chance of qualifying, with 69 percent demonstrating sufficient need for a grant. Applicants in 1986-87 had the least chance, with 62.5 percent showing sufficient need.

A closer look at Table 1 shows that not all applicants who qualify for a Pell Grant actually receive one. Some do not attend school; others enroll but do not complete the process by submitting the Student Aid Report to the financial aid office; and, some who qualify based on financial need are ineligible for a Pell Grant for other reasons. (For example, the student does not make satisfactory academic progress). The percentage of qualified applicants who actually received aid varied form a low of 70.5 in 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 increased greatly during the first 6 years of the 1980s, as concern for the accuracy of application data grew. For the 1980-81 and 1981-82 award years, about 7 percent of all valid applications were selected. This figure rose to 35 percent in 1982-83. The portion selected declined to 21 percent for the next 2 years before rising to 44 percent in 1986-87.

#### <u> 1987-88</u>

The number of student filing an official application for a Pell Grant continued to rise in 1987-88, to nearly 6.3 million. This 4.5 percent rise may be due to the continuing after effects of the change in legislation implemented during 1986-87, which required applicants for a Guaranteed Student Loan to receive determination of eligibility for a Pell Grant. Thus the portion of applicants qualifying for a Pell Grant dropped to 60.5 percent. Still the number of recipients rose by 222,040 to 2.88 million, (probably due in part to the fully funded program).

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

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

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

Table 1 - Page 2

#### **Pell Grant Program**

#### Summary of statistics for Cross-Year Reference

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

### **CHAPTER 2**

## SELECTED CHARACTERISTICS OF PELL GRANT RECIPIENTS

Award Period 1987-88

#### Table 2

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

Award Period 1987-88

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

Table 2A shows the distribution of Pell Grant recipients by Student Aid Index (SAI) and family income. Tables 2B and 2C show the same data for dependent and independent students, respectively. For the purposes of these tables, and all others in the End-of-Year Report, family income is considered to be the sum of the parent's (if the student is dependent on the parent for financial support) or student's (if the student is not dependent) 1986 taxable and nontaxable income, including one half of the amount of certain Veteran's benefits the student may have received.

As Table 1 indicated, 2.88 million students received a Pell Grant during 1987-88. A comparison of Tables 2B and 2C shows that most--57.5 percent--of these students claimed to be independent of their parent's support. The data has shown a steady rise in the portion of recipients reporting independent status. In 1981-82, 41.9 percent were independent; in 1982-83, 45.9 percent; in 1983-84, 47.6 percent; in 1984-85, 48.6 percent; in 1985-86, 50.4 percent; and in 1986-87, 53.9 percent. reader should note that 1987-88 was the first year when the students age, veterans status, and whether he or she is an orphan or has dependents were the critical determinants for dependency status, a change from the 6 question dependency test, where residency, amount of financial support, and whether the student was claimed as a dependent for tax purposes determined the recipient's status.

The tables show that Pell Grant awards are directed toward the lowest income students. Nearly one-half (45 percent) reported a family income \$6,000 or less. Less than one in four (21 percent) had an income greater than \$15,000. Independent students, because they are reporting their often limited 1986 income, predominated in the lower income ranges. In fact, nearly two out of three (62 percent) independents reported a family income of \$6,000 or less. Dependents, who report their parents' resources, were more numerous in the higher ranges. For example, of all dependents 42 percent had a family income greater than \$15,000; only 5.9 percent of independents were in this income range.

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

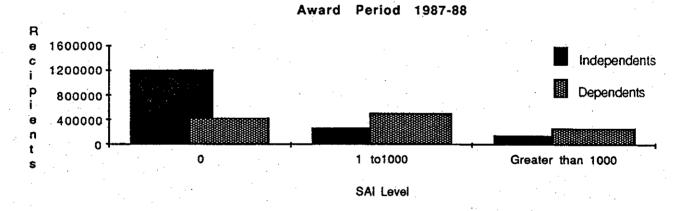
Table 2 also presents the distribution of SAIs received by 1987-88 recipients. The SAI is an indicator of the applicant's financial strength which the school combines with the student's educational cost and enrollment status (full-time, three-quarter time, or half-time) to determine the size of the grant. For a given educational cost and enrollment status, a lower SAI

results in a higher grant. In 1987-88, 1,900 was the largest SAI with which a student could qualify for a Pell Grant.

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

Because the SAI is a measure of the applicant's financial strength, it is not surprising that there is a strong correlation between reported family income and the SAI. In fact, family income, together with the amount of family assets and expenses and certain demographic data (number of family members, for example) determine the SAI. Table 2A clearly shows that the lower the family income the greater the potential for a low SAI (and eventually a large grant). Approximately 93 percent of students reporting family incomes of \$6,000 or less received zero SAIs. (The 7 percent in this income group who did not most likely reported having substantial assets.) Only 1.8 percent of the over \$15,000 income group received the minimum SAI. (These recipients most likely reported large expenses, a large family, and/or multiple members of that family attending college.)

Figure 5
Distribution of Pell Grant Recipients By SAI Level



#### Table 2-A - ALL RECIPIENTS

#### DISTRIBUTION OF PELL GRANT RECIPIENTS

#### BY STUDENT AID INDEX AND FAMILY INCOME

#### **AWARD YEAR 1987-88**

STUDENT AID				FAMILY	INCOME				
INDEX	LESS THAN \$1,001	\$1,001 - 3,000	\$3,001 - 6,000	\$6,001 - 9,000	\$9,001 - 15,000	\$15,001 - 20,000	\$20,001 - 30,000	\$30,001+	TOTAL
0	221,279	335,917	632,491	288,313	151,156	9,941	1,165	102	1,640,364
R%	13.49	20.48	38.56	17.58	9.21	0.61	0.07	0.01	100.00
C%	94.30	97.17	89.73	63.13	28.60	3.30	0.43	0.24	56.93
1 - 200	9,173	6,973	35,658	51,754	90,785	17,786	2,572	42	214,743
R%	4.27	3.25	16.60	24.10	42.28	8.28	1.20	0.02	100.00
C%	3.91	2.02	5.06	11.33	17.18	5.91	0.96	0.10	7.45
201 - 400	1,963	1,248	20,347	12,548	84,024	31,940	7,848	153	160,071
R%	1.23	0.78	12.71	7.84	52.49	19.95	4.90	0.10	100.00
C%	0.84	0.36	2.89	2.75	15.90	10.61	2.93	0.36	5.56
401 - 600	742	502	9,459	14,445	65,778	40,122	16,635	512	148,195
R%	0.50	0.34	6.38	9.75	44.39	27.07	11.23	0.35	100.00
C%	0.32	0.15	1.34	3.16	12.45	13.33	6.20	1.22	5.14
601 - 800	528	334	2,812	16,561	45,699	45,554	26,695	1,336	139,519
R%	0.38	0.24	2.02	11.87	32.75	32.65	19.13	0.96	100.00
C%	0.23	0.10	0.40	3.63	8.65	15.13	9.96	3.19	4.84
801 - 1,000	368	257	1,460	16,383	32,594	42,466	33,735	2,798	130,061
R%	0.28	0.20	1.12	12.60	25.06	32.65	25.94	2.15	100.00
C%	0.16	0.07	0.21	3.59	6.17	14.11	12.58	6.67	4.51
1,001 - 1,200	165	141	955	15,330	24,000	36,332	41,172	4,524	122,619
R%	0.13	0.11	0.78	12.50	19.57	29.63	33.58	3.69	100.00
C%	0.07	0.04	0.14	3.36	4.54	12.07	15.36	10.79	4.26
1,201 - 1,400	199	127	742	13,850	16,736	26,315	42,114	6,499	106,582
R%	0.19	0.12	0.70	12.99	15.70	24.69	39.51	6.10	100.00
C%	0.08	0.04	0.11	3.03	3.17	8.74	15.71	15.50	3.70
1,401 - 1,600	92	89	463	12,433	10,239	23,533	41,180	8,872	96,901
R%	0.09	0.09	0.48	12.83	10.57	24.29	42.50	9.16	100.00
C%	0.04	0.03	0.07	2.72	1.94	7.82	15.36	21.16	3.36
1,601 - 1,900	134	124	533	15,093	7,473	27,027	55,007	17,099	122,490
R%	0.11	0.10	0.44	12.32	6.10	22.06	44.91	13.96	100.00
C%	0.06	0.04	0.08	3.30	1.41	8.98	20.52	40.77	4.25
TOTAL	234,643	345,712	704,920	456,710	528,484	301,016	268,123	41,937	2,881,545
R%	8.14	12.00	24.46	15.85	18.34	10.45	9.30	1.46	100.00
C%	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

#### Table 2-B - **DEPENDENT RECIPIENTS**

#### DISTRIBUTION OF PELL GRANT RECIPIENTS

#### BY STUDENT AID INDEX AND FAMILY INCOME

#### **AWARD YEAR 1987-88**

STUDENT AID				FAMILY	INCOME				
INDEX	LESS THAN \$1,001	\$1,001 - 3,000	\$3,001 - 6,000	\$6,001 - 9,000	\$9,001 - 15,000	\$15,001 - 20,000	\$20,001 - 30,000	\$30,001+	TOTAL
0	28,807	51,668	135,875	116,503	88,498	7,812	981	84	430,228
R%	6.70	12.01	31.58	27.08	20.57	1.82	0.23	0.02	100.00
C%	68.74	84.88	85.23	72.79	30.60	3.58	0.39	0.20	35.14
1 - 200	9,140	6,885	17,540	29,872	67,590	16,348	2,468	42	149,885
R%	6.10	4.59	11.70	19.93	45.09	10.91	1.65	0.03	100.00
C%	21.81	11.31	11.00	18.66	23.37	7.50	0.98	0.10	12.24
201 - 400	1,933	1,155	2,766	5,138	51,432	29,105	7,684	152	99,365
R%	1.95	1.16	2.78	5.17	51.76	29.29	7.73	0.15	100.00
C%	4.61	1.90	1.74	3.21	17.79	13.35	3.04	0.37	8.12
401 - 600	698	412	1,030	2,336	33,821	35,801	16,382	510	90,990
R%	0.77	0.45	1.13	2.57	37.17	39.35	18.00	0.56	100.00
C%	1.67	0.68	0.65	1.46	11.70	16.42	6.47	1.23	7.43
601 - 800	487	266	741	1,685	16,576	39,172	26,144	1,331	86,402
R%	0.56	0.31	0.86	1.95	19.18	45.34	30.26	1.54	100.00
C%	1.16	0.44	0.46	1.05	5.73	17.96	10.33	3.20	7.06
801 - 1,000	352	190	499	1,365	8,967	34,082	32,799	2,790	81,044
R%	0.43	0.23	0.62	1.68	11.06	42.05	40.47	3.44	100.00
C%	0.84	0.31	0.31	0.85	3.10	15.63	12.96	6.70	6.62
1,001 - 1,200	146	85	320	979	6,845	24,709	39,643	4,505	77,232
R%	0.19	0.11	0.41	1.27	8.86	31.99	51.33	5.83	100.00
C%	0.35	0.14	0.20	0.61	2.37	11.33	15.67	10.82	6.31
1,201 - 1,400	171	86	271	843	5,766	12,767	39,845	6,464	66,213
R%	0.26	0.13	0.41	1.27	8.71	19.28	60.18	9.76	100.00
C%	0.41	0.14	0.17	0.53	1.99	5.85	15.75	15.53	5.41
1,401 - 1,600	69	49	170	617	4,584	8,956	38,063	8,798	61,306
R%	0.11	0.08	0.28	1.01	7.48	14.61	62.09	14.35	100.00
C%	0.16	0.08	0.11	0.39	1.59	4.11	15.04	21.14	5.01
1,601 - 1,900	107	76	205	721	5,100	9,344	49,053	16,942	81,548
R%	0.13	0.09	0.25	0.88	6.25	11.46	60.15	20.78	100.00
C%	0.26	0.12	0.13	0.45	1.76	4.28	19.38	40.71	6.66
TOTAL	41,910	60,872	159,417	160,059	289,179	218,096	253,062	41,618	1,224,213
R%	3.42	4.97	13.02	13.07	23.62	17.82	20.67	3.40	100.00
C%	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

#### Table 2-C - INDEPENDENT RECIPIENTS

#### DISTRIBUTION OF PELL GRANT RECIPIENTS

#### BY STUDENT AID INDEX AND FAMILY INCOME

#### **AWARD YEAR 1987-88**

STUDENT AID				FAMILY	INCOME				
INDEX	LESS THAN \$1,001	\$1,001 - 3,000	\$3,001 - 6,000	\$6,001 - 9,000	\$9,001 - 15,000	\$15,001 - 20,000	\$20,001 - 30,000	\$30,001+	TOTAL
0	192,472	284,249	496,616	171,810	62,658	2,129	184	18	1,210,136
R%	15.90	23.49	41.04	14.20	5.18	0.18	0.02	0.00	100.00
C%	99.86	99.79	91.04	57.92	26.18	2.57	1.22	5.64	73.02
1 - 200	33	88	18,118	21,882	23,195	1,438	104	0	64,858
R%	0.05	0.14	27.93	33.74	35.76	2.22	0.16	0.00	100.00
C%	0.02	0.03	3.32	7.38	9.69	1.73	0.69	0.00	3.91
201 - 400	30	93	17,581	7,410	32,592	2,835	164	1	60,706
R%	0.05	0.15	28.96	12.21	53.69	4.67	0.27	0.00	100.00
C%	0.02	0.03	3.22	2.50	13.62	3.42	1.09	0.31	3.66
401 - 600	44	90	8,429	12,109	31,957	4,321	253	2	57,205
R%	0.08	0.16	14.73	21.17	55.86	7.55	0.44	0.00	100.00
C%	0.02	0.03	1.55	4.08	13.35	5.21	1.68	0.63	3.45
601 - 800	41	68	2,071	14,876	29,123	6,382	551	5	53,117
R%	0.08	0.13	3.90	28.01	54.83	12.01	1.04	0.01	100.00
C%	0.02	0.02	0.38	5.01	12.17	7.70	3.66	1.57	3.20
801 - 1,000	16	67	961	15,018	23,627	8,384	936	8	49,017
R%	0.03	0.14	1.96	30.64	48.20	17.10	1.91	0.02	100.00
C%	0.01	0.02	0.18	5.06	9.87	10.11	6.21	2.51	2.96
1,001 - 1,200	19	56	635	14,351	17,155	11,623	1,529	19	45,387
R%	0.04	0.12	1.40	31.62	37.80	25.61	3.37	0.04	100.00
C%	0.01	0.02	0.12	4.84	7.17	14.02	10.15	5.96	2.74
1,201 - 1,400	28	41	471	13,007	10,970	13,548	2,269	35	40,369
R%	0.07	0.10	1.17	32.22	27.17	33.56	5.62	0.09	100.00
C%	0.01	0.01	0.09	4.38	4.58	16.34	15.07	10.97	2.44
1,401 - 1,600	23	40	293	11,816	5,655	14,577	3,117	74	35,595
R%	0.06	0.11	0.82	33.20	15.89	40.95	8.76	0.21	100.00
C%	0.01	0.01	0.05	3.98	2.36	17.58	20.70	23.20	2.15
1,601 - 1,900	27	48	328	14,372	2,373	17,683	5,954	157	40,942
R%	0.07	0.12	0.80	35.10	5.80	43.19	14.54	0.38	100.00
C%	0.01	0.02	0.06	4.84	0.99	21.33	39.53	49.22	2.47
TOTAL	192,733	284,840	545,503	296,651	239,305	82,920	15,061	319	1,657,332
R%	11.63	17.19	32.91	17.90	14.44	5.00	0.91	0.02	100.00
C%	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

#### Table 3

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

Award Period 1987-88

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

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

As Table 1 indicated, the average grant in 1987-88 was \$1,303. Table 3A shows that roughly one third (28.9 percent) received grants less than \$900; slightly more (30.7 percent) were awarded grants between \$900 and \$1,500; and the remaining two-fifths (40 percent) received grants greater than \$1,500. A comparison of Tables 3B and 3C shows that the majority of those receiving both large grants (\$1,500 or more) and modest-sized grants (less than \$900) were independent. Independents, it should be remembered from Table 2, report far lower incomes than their dependent counterparts and therefore would be more likely to qualify for the larger grants.

Table 3A confirms this link between family income and grant size-the greater the income the less likely the student will receive a large award. For example, among recipients who received the maximum grant of \$2,100, 72 per-

cent had incomes of \$6,000 or less, and only 1.0 percent had family incomes greater than \$15,000. This distribution of the maximum award was similar in 1986-87 when 72 percent of the \$6,000 or less group and .9 percent of those with incomes over \$15,000 received \$2,100.

An examination of students receiving modestsized grants (less than \$900) also illustrates the relationship between income and grant level. Students with relatively large incomes were more likely than their low income counterparts to receive a small grant. For example, approximately 53 percent of recipients with incomes over \$15,000 were awarded grants less than \$900 while 19 percent of the \$6,000 and under group received grants in this range. As the data from Table 8 indicate, educational cost is an important determinant of grant size. Many low income students who received grants less than \$900 attended low cost institutions.

TABLE 3-A DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND GRANT LEVEL  $\underline{ALL \; RECIPIENTS} \; - \; \text{AWARD YEAR 1987-88}$ 

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

TABLE 3-B

DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND GRANT LEVEL

<u>DEPENDENT RECIPIENTS</u> - AWARD YEAR 1987-88

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

TABLE 3-C

DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND GRANT LEVEL

INDEPENDENT RECIPIENTS - AWARD YEAR 1987-88

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

#### Table 4

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

Award Period 1987-88

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

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

The SAI when combined with the student's educational cost and enrollment status determine the amount of the Pell Grant. The statistics from Table 4A illustrate the relationship between SAI and grant level-the lower the index the larger the potential for a large grant. For example, nearly 100 percent of the students receiving the maximum award of \$2,100 had zero SAIs, while only 36 percent of the recipients who were awarded less than \$900 had the minimum SAI. Students with zero SAIs who received small grants attended low cost institutions or were enrolled on a part-time basis.

The step-shaped line drawn diagonally through the three tables delineates valid versus invalid awards. All cells to the right of the line should contain zeroes, as these are invalid combinations of SAI and grant level. For example, the maximum grant that a full-time student with an SAI of 1300 could receive was \$430. Grants that exceeded \$430 for this SAI most likely repre-

sent overawards that are the result of the student attending more than one institution during the award year.

A comparison of this data with data from the previous 6 award years indicates that such invalid awards continue to be rare. During 1987-88. 3,004 students were in the cells to the right of the diagonal line. These students represented only .10 percent of all recipients. During 1986-87, 1,858 students or .07 percent received such invalid awards; during 1985-86, 1,490 (.05 percent); 1984-85, 1,278 (.05 percent); during 1983-84. 16,893 (.6 percent); during 1982-83. 17,167 (.7 percent); and during 1981-82, 21,684 (.8 percent). The decline in these invalid awards between 1983-84 and 1984-85 may have been the result of the introduction of a new system that schools use to report and reconcile Pell Grant disbursements with the Department of Education. Under this new system, reporting and adjustment of data occurs throughout the year rather than at year's end as was the case with the old system.

TABLE 4-A

DISTRIBUTION OF PELL GRANT RECIPIENTS
STUDENT AID INDEX AND GRANT LEVEL

ALL RECIPIENTS - AWARD YEAR 1987-88

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

TABLE 4-B

# DISTRIBUTION OF PELL GRANT RECIPIENTS STUDENT AID INDEX AND GRANT LEVEL <u>DEPENDENT RECIPIENTS</u> - AWARD YEAR 1987-88

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

TABLE 4-C

# DISTRIBUTION OF PELL GRANT RECIPIENTS STUDENT AID INDEX AND GRANT LEVEL INDEPENDENT RECIPIENTS - AWARD YEAR 1987-88

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

#### Table 5

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

Award Period 1987-88

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

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

The three tables indicate that institutions participating in the Pell Grant program differed in the numbers of students they attracted, and in the relative proportions of independent and dependent students enrolled. The majority of Pell Grant recipients (52 percent) attended schools where the educational program was less than 4 years in duration. These schools are typically 2 year community colleges and vocational/technical institutions offerings courses less than 2 years in length. Independents in these less traditional schools outnumbered dependents almost three to one (1,071,424 to 421,140).

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

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

Table 5 also indicates that the financial strength of recipients as measured by the SAI varied substantially by institutional type. Schools offering programs lasting 4 years or more, for example, were less likely to attract students with zero SAIs than schools with shorter programs. Students with zero SAIs comprised 46 percent of the recipient pool at 4 year or more institutions and 67 percent of the recipients attending schools with programs of 3 years or less in length.

TABLE 5-A

# DISTRIBUTION OF PELL GRANT RECIPIENTS BY STUDENT AID INDEX AND TYPE OF INSTITUTION ALL RECIPIENTS - AWARD YEAR 1987-88

#### TYPE OF INSTITUTION

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

TABLE 5-B

# DISTRIBUTION OF PELL GRANT RECIPIENTS BY STUDENT AID INDEX AND TYPE OF INSTITUTION <u>DEPENDENT RECIPIENTS</u> - AWARD YEAR 1987-88

#### TYPE OF INSTITUTION

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

TABLE 5-C

# DISTRIBUTION OF PELL GRANT RECIPIENTS BY STUDENT AID INDEX AND TYPE OF INSTITUTION INDEPENDENT RECIPIENTS - AWARD YEAR 1987-88

#### TYPE OF INSTITUTION

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

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

Award Period 1987-88

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

Tables 6A, 6B, and 6C show the distribution of Pell Grant recipients by family income and type of institution attended. Table 6A shows the distribution for all recipients; Tables 6B and 6C present the same breakout for dependents and independents, respectively. As in Table 2, family income for these tables is defined as the sum of the parents' (for dependents) or student's (for independents) 1985 taxable and nontaxable income (plus one-half of certain Veterans benefits).

Because family income is highly correlated with the Student Aid Index (SAI), the data on this table are very similar to that presented on Table 5. Compared with institutions offering programs 3 years and less in length, schools offering more lengthy programs (4 years and more) tended to attract recipients with higher SAIs and higher incomes. For example, the three tables show that 67 percent of recipients with incomes over \$15,000 attended schools in the 4 year or more category. Almost all of this group (91 percent) were dependent. Only 43 percent of recipients reporting incomes of \$6,000 and less were enrolled in this type of school. Over two-thirds (71 percent) of this lower income group were independent.

TABLE 6-A

# DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND TYPE OF INSTITUTION ALL RECIPIENTS - AWARD YEAR 1987-88

#### TYPE OF INSTITUTION

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

TABLE 6-B

# DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND TYPE OF INSTITUTION <u>DEPENDENT RECIPIENTS</u> - AWARD YEAR 1987-88

#### TYPE OF INSTITUTION

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

TABLE 6-C

# DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND TYPE OF INSTITUTION INDEPENDENT RECIPIENTS - AWARD YEAR 1987-88

#### TYPE OF INSTITUTION

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

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

Award Period 1987-88

7A - Total 7B - Dependent 7C - Independent

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

Educational costs for calculating a Pell Grant in 1987-88 normally included: 1) the student's tuition and fees; 2) room and board charges if on campus, a living allowance of \$1,100 if the student lived at home with parents, or a living allowance of at least \$1,100 but not more than \$1,600 if the student lived off campus and not with parents; and 3) a books and supplies allowance of \$400. <sup>4</sup> For this reason, as Table 7A indicates, few recipients had costs below \$1,500--the sum of the \$400 books and supplies allowance and the \$1,100 off campus allowance. The recipients in this very low cost

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

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

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

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

<sup>4</sup> The Higher Education Amendments of 1986 established a new cost of attendance provision for the Pell Grant program. Beginning with the 1988-89 award year, a student's educational cost for Pell awarding purposes includes standard allowances for room, board, books, and supplies for all students, plus additional allowances such as provisions for child care and handicapped student costs.

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 66 percent of the zero SAI recipients attended institutions with educational costs over \$3,300 as compared to 65 percent of the recipients with indexes between 0 and 1,400 and 68 percent of recipients with SAIs over 1,400. Neither does

the percentage of recipients attending lower income schools vary greatly by SAI. Nearly 11 percent of the zero SAI recipients were enrolled in schools with costs less than \$2,400 as compared to 11 percent of the recipients with indexes between 0 and 1,400 and 7 percent of recipients with SAIs over 1,400.

Figure 6
Distribution of Pell Grant Recipients By Educational Cost

Award Period 1987-88

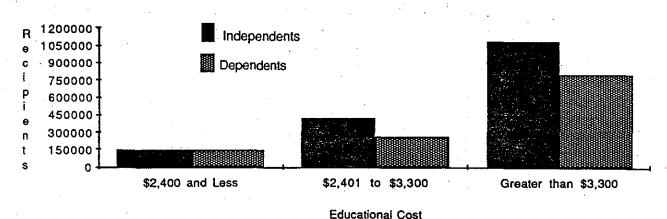


Table 7-A

# DISTRIBUTION OF PELL GRANT RECIPIENTS BY STUDENT AID INDEX AND EDUCATIONAL COST <u>ALL RECIPIENTS</u> - AWARD YEAR 1987-88

				<u> </u>	OCATION						_
TOTAL	OVER \$3,500	\$3,301 - 3,500	\$3,001 - 3,300	\$2,701 - 3,000	\$2,401 - 2,700	\$2,101 - 2,400	\$1,801 - 2,100	\$1,501 - 1,800	\$400 - 1,500	UNDER \$400	TUDENT AID INDEX
1,640,364	963,475	118,887	119,648	162,327	101,404	86,741	59,241	18,257	10,158	226	0
100.00	58.74	7.25	7.29	9.90	6.18	5.29	3.61	1.11	0.62	0.01	R%
56.93	57.50	56.06	54.10	55.15	56.59	54.73	60.04	59.56	92.44	55.94	C%
214,743	121,605	16,013	16,779	22,693	12,964	13,507	7,486	3,410	253	33	1 - 200
100.00	56.63	7.46	7.81	10.57	6.04	6.29	3.49	1.59	0.12	0.02	R%
7.4	7.26	7.55	7.59	7.71	7.23	8.52	7.59	11.12	2.30	8.17	С%
160,07	89,597	11,828	13,018	17,270	10,342	10,033	5,609	2,156	192	26	201 - 400
100.00	55.97	7.39	8.13	10.79	6.46	6.27	3.50	1.35	0.12	0.02	R%
5.50	5.35	5.58	5.89	5.87	5.77	6.33	5.68	7.03	1.75	6.44	C%
148,19	83,101	10,999	12,203	16,084	9,839	8,949	5,125	1,740	137	18	401 - 600
100.0	56.08	7.42	8.23	10.85	6.64	6.04	3.46	1.17	0.09	0.01	R%
5.1	4.96	5.19	5.52	5.46	5.49	5.65	5.19	5.68	1.25	4.46	C%
139,519	78,428	10,580	11,354	15,014	9,277	8,564	4,673	1,508	107	14	601 - 800
100.0	56.21	7.58	8.14	10.76	6.65	6.14	3.35	1.08	0.08	0.01	R%
4.8	4.68	4.99	5.13	5.10	5.18	5.40	4.74	4.92	0.97	3.47	C%
130,06 <sup>-</sup>	73,732	9,657	10,778	14,068	8,346	7,674	4,424	1,286	76	20	801 - 1,000
100.0	56.69	7.42	8.29	10.82	6.42	5.90	3.40	0.99	0.06	0.02	R%
4.5	4.40	4.55	4.87	4.78	4.66	4.84	4.48	4.20	0.69	4.95	C%
122,619	70,323	9,172	10,129	13,083	7,902	6,956	3,938	1,063	37	16	1,001 - 1,200
100.00	57.35	7.48	8.26	10.67	6.44	5.67	3.21	0.87	0.03	0.01	R%
4.26	4.20	4.32	4.58	4.44	4.41	4.39	3.99	3.47	0.34	3.96	С%
106,582	61,884	8,131	8,940	11,323	6,620	5,610	3,211	819	24	20	1,201 - 1,400
100.00	58.06	7.63	8.39	10.62	6.21	5.26	3.01	0.77	0.02	0.02	R%
3.70	3.69	3.83	4.04	3.85	3.69	3.54	3.25	2.67	0.22	4.95	C%
96,901	57,542	7,402	8,066	10,122	5,871	4,876	2,601	406	3	12	1,401 - 1,600
100.00	59.38	7.64	8.32	10.45	6.06	5.03	2.68	0.42	0.00	0.01	R%
3.30	3.43	3.49	3.65	3.44	3.28	3.08	2.64	1.32	0.03	2.97	C%
122,490	75,912	9,406	10,238	12,348	6,633	5,567	2,357	8	2	19	1,601 - 1,900
100.00	61.97	7.68	8.36	10.08	5.42	4.54	1.92	0.01	0.00	0.02	R%
4.25	4.53	4.44	4.63	4.20	3.70	3.51	2.39	0.03	0.02	4.70	C%
2,881,545	1,675,599	212,075	221,153	294,332	179,198	158,477	98,665	30,653	10,989	404	TOTAL
100.00	58.15	7.36	7.67	10.21	6.22	5.50	3.42	1.06	0.38	0.01	R%
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	C%

Table 7-B

## DISTRIBUTION OF PELL GRANT RECIPIENTS BY STUDENT AID INDEX AND EDUCATIONAL COST <u>DEPENDENT RECIPIENTS</u> - AWARD YEAR 1987-88

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

Table 7-C

# DISTRIBUTION OF PELL GRANT RECIPIENTS BY STUDENT AID INDEX AND EDUCATIONAL COST INDEPENDENT RECIPIENTS - AWARD YEAR 1987-88

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

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

Award Period 1987-88

8A - Total 8B - Dependent 8C - Independent

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

Table 8A indicates no noticeable relationship between income and educational cost. Low cost schools attracted low income students at approximately the same rate as high income students. For example, 9.5 percent of all recipients with incomes of \$6,000 or less attended institutions where costs were \$2,400 or less. By comparison, 10 percent of recipients with incomes greater than \$15,000 had costs in this low range. Likewise, higher cost schools appeared to attract recipients from both income groups at the same rate. For example, 67.3 percent of the \$6,000 or less income group had costs greater than \$3,300; 66.5 percent of re-

cipients with incomes greater than \$15,000 had costs above this level.

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

TABLE 8-A

# DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND EDUCATIONAL COST ALL RECIPIENTS - AWARD YEAR 1987-88

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

TABLE 8-B

# DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND EDUCATIONAL COST <u>DEPENDENT RECIPIENTS</u> - AWARD YEAR 1987-88

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

TABLE 8-C

# DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND EDUCATIONAL COST INDEPENDENT RECIPIENTS - AWARD YEAR 1987-88

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

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

Award Period 1987-88

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

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

Net assets in these tables equals the sum of the market value of the recipient's (for independents) or parent's (for dependents) home, real estate, investments, business, farm, cash, and savings, minus the sum of the unpaid debts on these items. The formula used to calculate a Pell Grant Student Aid Index includes a series of asset reserves to "protect" a portion of the student's or parent's assets. These asset reserves are applied against the various categories of assets and allow each applicant a portion of his or her reported assets from which no contribution is required. In 1987-88, the asset reserves were included for all applicants except single independent students with no dependents (i.e., those with a family size of one). The level of the reserves ranged from \$25,000 for home assets to a total of \$100,000 for those reporting farm or business assets.

Table 9A shows that Pell Grants are directed toward students with few assets. In 1987-88, three of every four (77 percent) recipients reported net assets of \$7,500 or less (see Figure 7). As Tables 9B and 9C indicate, independents predominated in this low asset

group. In fact, 95 percent of all independents had net assets of \$7,500 or less; by comparison, 52 percent of dependent recipients were in this asset range. Only about one in nine recipients (11.3 percent) reported net assets that exceeded \$25,000. Approximately 93 percent of these students were dependent. Given the size of the asset reserves, and the fact that few had assets above \$25,000, reported assets rarely played a part in determining grant size in 1987-88.

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

The tables also show that Pell Grants are targeted toward recipients who report both low net assets and low family incomes. In 1987-88, 41 percent of all Pell Grant awards went to students with net assets of \$7,500 or less and incomes of \$6,000 or less. About 86 percent of this low asset and income group were independent.

Likewise, few students received grants who reported both a relatively large amount of net assets and income. Students with net assets over \$25,000 and income exceeding \$15,000 con-

stituted 5.3 percent of all Pell Grant recipients. Almost all of these recipients (97 percent) were dependent.

Figure 7
Distribution of Pell Grant Recipients By Net Assets

Award Period 1987-88

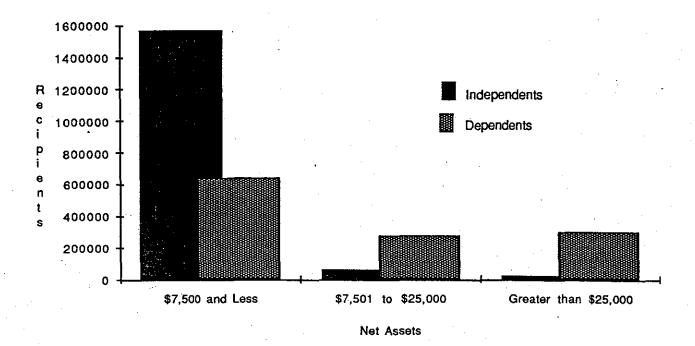


TABLE 9-A **DISTRIBUTION OF PELL GRANT RECIPIENTS** 

### BY FAMILY INCOME AND NET ASSET LEVEL ALL RECIPIENTS - AWARD YEAR 1987-88

#### **NET ASSET LEVEL**

FAMILY INCOME	\$0	\$1 - 7,500	\$7,501 - 15,000	\$15,001 - 25,000	\$25,001 - 35,000	\$35,001 - 50,000	\$50,001 - 75,000	\$75,001 - \$100,000	\$100,000+	TOTAL
LESS THAN \$1,001	149,583	60,294	4,794	4,012	2,939	3,057	3,359	2,010	4,596	234,644
R%	63.75	25.70	2.04	1.71	1.25	1.30	1.43	0.86	1.96	100.00
C%	11.90	6.29	2.80	2.36	2.40	3.02	5.36	9.59	25.15	8.14
\$1,001 - 3,000	219,550	100,853	9,039	5,654	3,062	2,608	2,221	1,058	1,667	345,712
R%	63.51	29.17	2.61	1.64	0.89	0.75	0.64	0.31	0.48	100.00
C%	17.47	10.52	5.28	3.33	2.50	2.58	3.55	5.05	9.12	12.00
\$3,001 - 6,000	408,193	232,625	21,379	15,349	8,949	7,320	5,759	2,428	2,919	704,921
R%	57.91	33.00	3.03	2.18	1.27	1.04	0.82	0.34	0.41	100.00
C%	32.48	24.26	12.49	9.05	7.31	7.24	9.19	11.58	15.97	24.46
\$6,001 - 9,000	208,310	170,585	22,552	18,916	11,952	10,598	7,949	2,989	2,859	456,710
R%	45.61	37.35	4.94	4.14	2.62	2.32	1.74	0.65	0.63	100.00
C%	16.58	17.79	13.18	11.15	9.77	10.49	12.69	14.25	15.65	15.85
\$9,001 - 15,000	167,161	198,446	42,251	40,148	28,633	25,868	17,151	5,400	3,426	528,484
R%	31.63	37.55	7.99	7.60	5.42	4.89	3.25	1.02	0.65	100.00
C%	13.30	20.70	24.69	23.66	23.40	25.59	27.38	25.75	18.75	18.34
\$15,001 - 20,000	62,834	108,896	30,907	33,238	25,887	22,436	11,922	3,382	1,514	301,016
R%	20.87	36.18	10.27	11.04	8.60	7.45	3.96	1.12	0.50	100.00
C%	5.00	11.36	18.06	19.59	21.16	22.20	19.03	16.13	8.28	10.45
\$20,001 - 30,000	37,339	78,035	34,546	43,723	33,910	24,226	11,982	3,208	1,154	268,123
R%	13.93	29.10	12.88	16.31	12.65	9.04	4.47	1.20	0.43	100.00
C%	2.97	8.14	20.19	25.77	27.71	23.97	19.13	15.30	6.31	9.30
<b>\$30,001</b> +	3,629	9,132	5,651	8,613	7,026	4,960	2,292	495	139	41,937
R%	8.65	21.78	13.47	20.54	16.75	11.83	5.47	1.18	0.33	100.00
C%	0.29	0.95	3.30	5.08	5.74	4.91	3.66	2.36	0.76	1.46
TOTAL	1,256,599	958,866	171,119	169,653	122,358	101,073	62,635	20,970	18,274	2,881,547
R%	43.61	33.28	5.94	5.89	4.25	3.51	2.17	0.73	0.63	100.00
C%	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 9-B

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

#### **NET ASSET LEVEL**

FAMILY INCOME	<b>\$0</b>	\$1 - 7,500	\$7,501 - 15,000	\$15,001 - 25,000	\$25,001 - 35,000	\$35,001 - 50,000	\$50,001 - 75,000	\$75,001 - \$100,000	\$100,000+	TOTAL
LESS THAN \$1,001	15,306	6,681	2,648	2,856	2,399	2,668	3,030	1,896	4,427	41,911
R%	36.52	15.94	6.32	6.81	5.72	6.37	7.23	4.52	10.56	100.00
C%	4.47	2.23	1.97	1.96	2.17	2.84	5.13	9.43	25.07	3.42
\$1,001 - 3,000	30,813	10,586	5,962	4,293	2,470	2,192	1,973	975	1,608	60,872
R%	50.62	17.39	9.79	7.05	4.06	3.60	3.24	1.60	2.64	100.00
C%	9.00	3.53	4.43	2.94	2.23	2.33	3.34	4.85	9.10	4.97
\$3,001 - 6,000	78,897	29,066	15,761	11,971	7,300	6,252	5,102	2,274	2,795	159,418
R%	49.49	18.23	9.89	7.51	4.58	3.92	3.20	1.43	1.75	100.00
C%	23.05	9.69	11.71	8.21	6.60	6.65	8.65	11.31	15.82	13.02
\$6,001 - 9,000	61,451	35,840	16,376	14,719	9,871	9,112	7,134	2,825	2,731	160,059
R%	38.39	22.39	10.23	9.20	6.17	5.69	4.46	1.76	1.71	100.00
C%	17.95	11.95	12.17	10.09	8.92	9.69	12.09	14.05	15.46	13.07
\$9,001 - 15,000	77,687	75,951	30,722	32,261	24,525	23,473	16,078	5,151	3,331	289,179
R%	26.86	26.26	10.62	11.16	8.48	8.12	5.56	1.78	1.15	100.00
C%	22.70	25.31	22.83	22.11	22.17	24.96	27.24	25.63	18.86	23.62
\$15,001 - 20,000	40,560	62,260	24,630	28,925	23,862	21,505	11,566	3,305	1,483	218,096
R%	18.60	28.55	11.29	13.26	10.94	9.86	5.30	1.52	0.68	100.00
C%	11.85	20.75	18.31	19.83	21.57	22.86	19.60	16.44	8.40	17.82
\$20,001 - 30,000	33,980	70,633	32,850	42,298	33,212	23,911	11,847	3,182	1,149	253,062
R%	13.43	27.91	12.98	16.71	13.12	9.45	4.68	1.26	0.45	100.00
C%	9.93	23.54	24.41	28.99	30.02	25.42	20.07	15.83	6.51	20.67
\$30,001 +	3,584	9,016	5,601	8,566	6,990	4,946	2,284	493	138	41,618
R%	8.61	21.66	13.46	20.58	16.80	11.88	5.49	1.18	0.33	100.00
C%	1.05	3.01	4.16	5.87	6.32	5.26	3.87	2.45	0.78	3.40
TOTAL	342,278	300,033	134,550	145,889	110,629	94,059	59,014	20,101	17,662	1,224,215
R%	27.96	24.51	10.99	11.92	9.04	7.68	4.82	1.64	1.44	100.00
C%	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 9-C

# DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND NET ASSET LEVEL INDEPENDENT RECIPIENTS - AWARD YEAR 1987-88

#### **NET ASSET LEVEL**

FAMILY INCOME	<b>\$0</b>	\$1 - 7,500	\$7,501 - 15,000	\$15,001 - 25,000	\$25,001 - 35,000	\$35,001 - 50,000	\$50,001 - 75,000	\$75,001 - \$100,000	\$100,000+	TOTAL
LESS THAN \$1,001	134,277	53,613	2,146	1,156	540	389	329	114	169	192,733
R%	69.67	27.82	1.11	0.60	0.28	0.20	0.17	0.06	0.09	100.00
C%	14.69	8.14	5.87	4.86	4.60	5.55	9.09	13.12	27.61	11.63
\$1,001 - 3,000	188,737	90,267	3,077	1,361	592	416	248	83	59	284,840
R%	66.26	31.69	1.08	0.48	0.21	0.15	0.09	0.03	0.02	100.00
C%	20.64	13.70	8.41	5.73	5.05	5.93	6.85	9.55	9.64	17.19
\$3,001 - 6,000	329,296	203,559	5,618	3,378	1,649	1,068	657	154	124	545,503
R%	60.37	37.32	1.03	0.62	0.30	0.20	0.12	0.03	0.02	100.00
C%	36.02	30.90	15.36	14.21	14.06	15.23	18.14	17.72	20.26	32.91
\$6,001 - 9,000	146,859	134,745	6,176	4,197	2,081	1,486	815	164	128	296,651
R%	49.51	45.42	2.08	1.41	0.70	0.50	0.27	0.06	0.04	100.00
C%	16.06	20.45	16.89	17.66	17.74	21.19	22.51	18.87	20.92	17.90
\$9,001 - 15,000	89,474	122,495	11,529	7,887	4,108	2,395	1,073	249	95	239,305
R%	37.39	51.19	4.82	3.30	1.72	1.00	0.45	0.10	0.04	100.00
C%	9.79	18.59	31.53	33.19	35.02	34.15	29.63	28.65	15.52	14.44
\$15,001 - 20,000	22,274	46,636	6,277	4,313	2,025	931	356	77	31	82,920
R%	26.86	56.24	7.57	5.20	2.44	1.12	0.43	0.09	0.04	100.00
C%	2.44	7.08	17.16	18.15	17.26	13.27	9.83	8.86	5.07	5.00
\$20,001 - 30,000	3,359	7,402	1,696	1,425	698	315	135	26	5	15,061
R%	22.30	49.15	11.26	9.46	4.63	2.09	0.90	0.17	0.03	100.00
C%	0.37	1.12	4.64	6.00	5.95	4.49	3.73	2.99	0.82	0.91
\$30,001 +	45	116	50	47	36	14	8	2	1	319
R%	14.11	36.36	15.67	14.73	11.29	4.39	2.51	0.63	0.31	100.00
C%	0.00	0.02	0.14	0.20	0.31	0.20	0.22	0.23	0.16	0.02
TOTAL	914,321	658,833	36,569	23,764	11,729	7,014	3,621	869	612	1,657,332
R%	55.17	39.75	2.21	1.43	0.71	0.42	0.22	0.05	0.04	100.00
C%	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

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

Award Period 1987-88

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

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

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

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

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

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

The relationship between age and family income that is illustrated in Table 10A closely reflects the relationship between family income and dependency status. As the table shows, recipients in the younger age groups, most of whom are dependent and report their parent's income, had relatively large family incomes. Older recipients, all of whom are independent, tended to have less family income. For example, 32 percent of the 23 years and younger group and 7 percent of the over 24 group had family incomes over \$15,000. Approximately 34 percent of the 23 years and younger group and 58 percent of the over 24 group reported having an income of \$6,000 or less.

### TABLE 10-A **DISTRIBUTION OF PELL GRANT RECIPIENTS BY AGE AND FAMILY INCOME** *ALL RECIPIENTS* - AWARD YEAR 1987-88

		OMF

AGE		LESS THAN \$1,001	\$1,001 - 3,000	\$3,001 - 6,000	\$6,001 - 9,000	\$9,001 - 15,000			\$30,001+	TOTAL
UNDER 1	7	227	456	932	814	902	476	472	68	4,347
	R%	5.2	10.5	21.4	18.7	20.7	11.0	10.9	1.6	100.0
47	C%	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
17	R%	<b>1,313</b> 8.2	<b>1,700</b> 10.7	<b>3,818</b> 23.9	<b>2,668</b> 16.7	<b>3,084</b> 19.3	<b>1,575</b> 9.9	<b>1,560</b> 9.8	<b>224</b> 1.4	<b>15,942</b> 100.0
	C%	0.6	0.5	0.5	0.6	0.6	0.5	0.6	0.5	0.6
18		8,717	11,408	25,188	22,313	38,707	29,953	35,844	5,328	177,458
	R%	4.9	6.4	14.2	12.6	21.8	16.9	20.2	3.0	100.0
40	C%	3.7	3.3	3.6	4.9	7.3	10.0	13.4	12.7	6.2
19	R%	<b>18,997</b> 5.2	<b>25,618</b> 7.1	<b>52,613</b> 14.5	<b>44,360</b> 12.2	<b>79,134</b> 21.8	<b>60,465</b> 16.7	<b>71,600</b> 19.7	<b>10,299</b> 2.8	<b>363,086</b> 100.0
	C%	5.2 8.1	7.1	7.5	9.7	15.0	20.1	26.7	2.6 24.6	12.6
20		18,310	28,854	57,822	43,301	69,803	49,119	55,971	9,177	332,357
	R%	5.5	8.7	17.4	13.0	21.0	14.8	16.8	2.8	100.0
	C%	7.8	8.3	8.2	9.5	13.2	16.3	20.9	21.9	11.5
21		16,382	27,226	60,554	41,393	58,009	39,428	43,217	7,893	294,102
	R% C%	5.6 7.0	9.3 7.9	20.6 8.6	14.1 9.1	19.7 11.0	13.4 13.1	14.7 16.1	2.7 18.8	100.0 10.2
22	C /6	14,677	25,266	60,819	39,596	45,945	28,434	28,470	<b>5,469</b>	248,676
	R%	5.9	10.2	24.5	15.9	18.5	11.4	11.4	2.2	100.0
	C%	6.3	7.3	8.6	8.7	8.7	9.4	10.6	13.0	8.6
23		11,526	21,395	53,974	33,141	32,457	16,926	13,810	2,614	185,843
	R%	6.2	11.5	29.0	17.8	17.5	9.1	7.4	1.4	100.0
24	C%	4.9	6.2	7.7	7.3	6.1	5.6	5.2	6.2	6.4
24	R%	<b>18,721</b> 12.2	<b>27,782</b> 18.1	<b>50,714</b> 33.0	<b>26,917</b> 17.5	<b>18,574</b> 12.1	<b>7,370</b> 4.8	<b>3,046</b> 2.0	<b>547</b> 0.4	<b>153,671</b> 100.0
	C%	8.0	8.0	7.2	5.9	3.5	2.4	1.1	1.3	5.3
25		18,797	25,960	43,163	22,246	13,890	4,564	454	4	129,078
	R%	14.6	20.1	33.4	17.2	10.8	3.5	0.4	0.0	100.0
	C%	8.0	7.5	6.1	4.9	2.6	1.5	0.2	0.0	4.5
26		13,944	20,193	34,963	18,795	13,296	4,720	446	1	106,358
	R% C%	13.1 5.9	19.0 5.8	32.9 5.0	17.7 4.1	12.5 2.5	4.4 1.6	0.4 0.2	0.0 0.0	100.0 3.7
27	0 70	11,511	16,303	30,224	16,644	12,835	4,492	596	2	92,607
	R%	12.4	17.6	32.6	18.0	13.9	4.9	0.6	0.0	100.0
	C%	4.9	4.7	4.3	3.6	2.4	1.5	0.2	0.0	3.2
28		9,684	13,770	26,054	14,716	12,309	4,581	613	0	81,727
	R% C%	11.8	16.8	31.9	18.0	15.1 2.3	5.6	0.8	0.0	100.0 2.8
29	C%	4.1 <b>8,314</b>	4.0 <b>11,967</b>	3.7 <b>23,352</b>	3.2 <b>13,633</b>	2.3 11,762	1.5 <b>4,489</b>	0.2 <b>641</b>	0.0 <b>2</b>	74,160
23	R%	11.2	16.1	31.5	18.4	15.9	6.1	0.9	0.0	100.0
	C%	3.5	3.5	3.3	3.0	2.2	1.5	0.2	0.0	2.6
30		7,396	10,743	21,420	12,632	11,597	4,443	753	2	68,986
	R%	10.7	15.6	31.0	18.3	16.8	6.4	1.1	0.0	100.0
24.40	C%	3.2	3.1	3.0	2.8	2.2	1.5	0.3	0.0	2.4
31-40	R%	<b>41,670</b> 10.0	<b>57,593</b> 13.8	<b>120,340</b> 28.9	<b>79,011</b> 19.0	<b>80,242</b> 19.3	<b>30,638</b> 7.4	<b>7,217</b> 1.7	<b>116</b> 0.0	<b>416,827</b> 100.0
	C%	17.8	16.7	17.1	17.3	15.2	10.2	2.7	0.3	14.5
OVER 40		14,458	19,478	38,971	24,530	25,938	9,343	3,413	191	136,322
	R%	10.6	14.3	28.6	18.0	19.0	6.9	2.5	0.1	100.0
	C%	6.2	5.6	5.5	5.4	4.9	3.1	1.3	0.5	4.7
UNKNOW		0	0	0	0	0	0	0	0	0
	R% C%	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
TOTAL		234,644	345,712	704,921	456,710	528,484	301,016	268,123	41,937	2,881,547
	R%	8.1	12.0	24.5	15.8	18.3	10.4	9.3	1.5	100.0
	C%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

### TABLE 10-B **DISTRIBUTION OF PELL GRANT RECIPIENTS BY AGE AND FAMILY INCOME**<u>DEPENDENT RECIPIENTS</u> - AWARD YEAR 1987-88

<b>FAMILY</b>	INCOME

AGE			\$1,001 - 3,000	\$3,001 - 6,000	\$6,001 - 9,000	\$9,001 - 15,000	\$15,001 - 20,000	\$20,001 - 30,000	\$30,001+	TOTAL
UNDER 1	17	46	338	836	790	888	476	472	68	3,91
	R%	1.2	8.6	21.4	20.2	22.7	12.2	12.1	1.7	100
	C%	0.1	0.6	0.5	0.5	0.3	0.2	0.2	0.2	0
17		273	928	2,963	2,512	3,014	1,571	1,559	224	13,04
	R% C%	2.1 0.7	7.1 1.5	22.7 1.9	19.3 1.6	23.1 1.0	12.0 0.7	12.0 0.6	1.7 0.5	100 1
18	C 76	4,276	7,035	20,394	21,249	38,179	29,889	<b>35,840</b>	5,328	162,19
.0	R%	2.6	4.3	12.6	13.1	23.5	18.4	22.1	3.3	100
	C%	10.2	11.6	12.8	13.3	13.2	13.7	14.2	12.8	13
19		10,373	14,311	38,647	40,815	76,811	60,115	71,593	10,299	322,96
	R%	3.2	4.4	12.0	12.6	23.8	18.6	22.2	3.2	100
	C%	24.8	23.5	24.2	25.5	26.6	27.6	28.3	24.7	26
20		9,536	13,514	34,753	35,315	64,518	48,033	55,944	9,177	270,79
	R%	3.5	5.0	12.8	13.0	23.8	17.7	20.7	3.4	100
24	C%	22.8 <b>7,904</b>	22.2 <b>10,649</b>	21.8	22.1 <b>26,860</b>	22.3 <b>48,929</b>	22.0 <b>37,304</b>	22.1 <b>43,130</b>	22.1 <b>7,893</b>	22 <b>209,86</b>
21	R%	7, <b>904</b> 3.8	5.1	<b>27,196</b> 13.0	12.8	23.3	37,304 17.8	20.6	7, <b>693</b> 3.8	100
	C%	18.9	17.5	17.1	16.8	16.9	17.0	17.0	3.6 19.0	17
22		5,614	7,831	19,317	18,782	33,785	25,126	28,292	5,469	144,21
	R%	3.9	5.4	13.4	13.0	23.4	17.4	19.6	3.8	100
	C%	13.4	12.9	12.1	11.7	11.7	11.5	11.2	13.1	11
23		3,107	4,893	11,987	10,985	18,600	12,749	13,544	2,614	78,47
	R%	4.0	6.2	15.3	14.0	23.7	16.2	17.3	3.3	100
	C%	7.4	8.0	7.5	6.9	6.4	5.8	5.4	6.3	6
24		782	1,367	3,308	2,739	4,437	2,827	2,677	546	18,68
	R% C%	4.2 1.9	7.3 2.2	17.7 2.1	14.7 1.7	23.7 1.5	15.1 1.3	14.3 1.1	2.9 1.3	100
25	C /6	0	0	0	0	0	0	0	0	1
23	R%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	C
	C%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
26		0	0	0	0	0	0	0	0	
	R%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	C
	C%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(
27		0	0	0	0	0	0	0	0	
	R%	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	(
28		0	0	0	0	0	0	0	0	
	R% C%	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	(
29	C 70	<b>0</b> .0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	,
23	R%	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	(
30		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	(
	C%	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	
	R%	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	(
OVER 4		0	6	17	12	18	6	11	0	
	R% C%	0.0 0.0	8.6 0.0	24.3 0.0	17.1 0.0	25.7 0.0	8.6 0.0	15.7 0.0	0.0 0.0	100
JNKNOV		<b>0</b> .0	<b>0</b> .0	<b>0</b> .0	0.0 <b>0</b>	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	(
	C%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
TOTAL		41,911	60,872	159,418	160,059	289,179	218,096	253,062	41,618	1,224,21
. <u>-</u>	R%	3.4	5.0	13.0	13.1	23.6	17.8	20.7	3.4	100
	C%	100.0	100.0	100.0	100.0	100.0	100.0			100

### TABLE 10-C **DISTRIBUTION OF PELL GRANT RECIPIENTS BY AGE AND FAMILY INCOME**<u>INDEPENDENT RECIPIENTS</u> - AWARD YEAR 1987-88

FAMILY INCOME

AGE		LESS THAN \$1,001	\$1,001 - 3,000	\$3,001 - 6,000	\$6,001 - 9,000	\$9,001 - 15,000	\$15,001 - 20,000	\$20,001 - 30,000	\$30,001+	TOTAL
UNDER 1	7	181	118	96	24	14	0	0	0	433
	R%	41.8	27.3	22.2	5.5	3.2	0.0	0.0	0.0	100.0
	C%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	Do.	1,040	772	855	156	70	4	1	0	2,898
	R% C%	35.9 0.5	26.6 0.3	29.5 0.2	5.4 0.1	2.4 0.0	0.1 0.0	0.0 0.0	0.0 0.0	100.0 0.2
18	0,0	4,441	4,373	4,794	1,064	528	64	4	0	15,268
	R%	29.1	28.6	31.4	7.0	3.5	0.4	0.0	0.0	100.0
	C%	2.3	1.5	0.9	0.4	0.2	0.1	0.0	0.0	0.9
19		8,624	11,307	13,966	3,545	2,323	350	7	0	40,122
	R%	21.5	28.2	34.8	8.8	5.8	0.9	0.0	0.0	100.0
20	C%	4.5	4.0	2.6	1.2	1.0	0.4	0.0	0.0	2.4
20	R%	8,774	<b>15,340</b> 24.9	23,069	<b>7,986</b> 13.0	5,285	1,086	<b>27</b> 0.0	0	<b>61,567</b> 100.0
	C%	14.3 4.6	5.4	37.5 4.2	2.7	8.6 2.2	1.8 1.3	0.0	0.0 0.0	3.7
21	0,0	8,478	16,577	33,358	14,533	9,080	2,124	87	0	84,237
	R%	10.1	19.7	39.6	17.3	10.8	2.5	0.1	0.0	100.0
	C%	4.4	5.8	6.1	4.9	3.8	2.6	0.6	0.0	5.1
22		9,063	17,435	41,502	20,814	12,160	3,308	178	0	104,460
	R%	8.7	16.7	39.7	19.9	11.6	3.2	0.2	0.0	100.0
	C%	4.7	6.1	7.6	7.0	5.1	4.0	1.2	0.0	6.3
23		8,419	16,502	41,987	22,156	13,857	4,177	266	0	107,364
	R% C%	7.8 4.4	15.4 5.8	39.1 7.7	20.6 7.5	12.9 5.8	3.9 5.0	0.2 1.8	0.0 0.0	100.0 6.5
24	C /6	17,939	26,415	47,406	24,178	14,137	<b>4,543</b>	369	0.0 <b>1</b>	134,988
24	R%	13.3	19.6	35.1	17.9	10.5	3.4	0.3	0.0	100.0
	C%	9.3	9.3	8.7	8.2	5.9	5.5	2.5	0.3	8.1
25		18,797	25,960	43,163	22,246	13,890	4,564	454	4	129,078
	R%	14.6	20.1	33.4	17.2	10.8	3.5	0.4	0.0	100.0
	C%	9.8	9.1	7.9	7.5	5.8	5.5	3.0	1.3	7.8
26		13,944	20,193	34,963	18,795	13,296	4,720	446	1	106,358
	R%	13.1	19.0	32.9	17.7	12.5	4.4	0.4	0.0	100.0
27	C%	7.2	7.1 46 202	6.4	6.3	5.6	5.7	3.0 <b>596</b>	0.3 <b>2</b>	6.4 <b>92,607</b>
27	R%	<b>11,511</b> 12.4	<b>16,303</b> 17.6	<b>30,224</b> 32.6	<b>16,644</b> 18.0	<b>12,835</b> 13.9	<b>4,492</b> 4.9	0.6	0.0	100.0
	C%	6.0	5.7	5.5	5.6	5.4	5.4	4.0	0.6	5.6
28		9,684	13,770	26,054	14,716	12,309	4,581	613	0	81,727
	R%	11.8	16.8	31.9	18.0	15.1	5.6	0.8	0.0	100.0
	C%	5.0	4.8	4.8	5.0	5.1	5.5	4.1	0.0	4.9
29		8,314	11,967	23,352	13,633	11,762	4,489	641	2	74,160
	R%	11.2	16.1	31.5	18.4	15.9	6.1	0.9	0.0	100.0
	C%	4.3	4.2	4.3	4.6	4.9	5.4	4.3	0.6	4.5
30	D0/	7,396	10,743	21,420	12,632	11,597	4,443	753	2	68,986
	R% C%	10.7 3.8	15.6 3.8	31.0 3.9	18.3 4.3	16.8 4.8	6.4 5.4	1.1 5.0	0.0 0.6	100.0 4.2
31-40	0,0	41,670	57,593	120,340	79,011	80,242	30,638	7,217	116	416,827
	R%	10.0	13.8	28.9	19.0	19.3	7.4	1.7	0.0	100.0
	C%	21.6	20.2	22.1	26.6	33.5	36.9	47.9	36.4	25.2
OVER 40	)	14,458	19,472	38,954	24,518	25,920	9,337	3,402	191	136,252
	R%	10.6	14.3	28.6	18.0	19.0	6.9	2.5	0.1	100.0
	C%	7.5	6.8	7.1	8.3	10.8	11.3	22.6	59.9	8.2
UNKNOW		0	0	0	0	0	0	0	0	0
	R% C%	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
TOTAL	U /0	192,733	284,840	545,503	296,651	239,305	82,920	15,061	319	1,657,332
IOIAL	R%	192,733	<b>204,040</b> 17.2	32.9	<b>290,031</b> 17.9	<b>239,303</b> 14.4	<b>62,920</b> 5.0	0.9	0.0	100.0
	C%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

# CHAPTER 3 MISCELLANEOUS

Award Period 1987-88

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

Award Period 1987-88

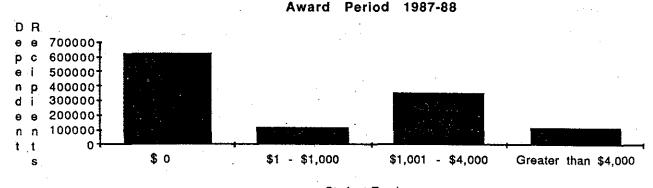
Table 11 presents a distribution of dependent Pell Grant recipients by family income and student earnings. The dependent student earnings for this table equal the sum of the student's (and spouse's) 1986 taxable and nontaxable income, minus the amount of 1986 Federal taxes paid. Dependent recipients who did not report any 1986 earnings--about 51 percent of all dependents--are not included in the table.

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

between \$1,000 and \$4,000 (see Figure 8 below).

A comparison of Table 11 with other End-of-Year Report tables that display distributions of recipients by family income indicates that dependent recipients whose parents had relatively large incomes were more likely to report earnings than dependents whose parents had little income. For example, of the 512,776 dependent recipients whose parents had incomes greater than \$15,000, 56 percent reported earnings in 1986 (and therefore are included in Table 11). Of the 262,201 dependents with family incomes of \$6,000 and less, 40 percent reported student earnings.

Figure 8
Distribution of Dependent Pell Grant Recipients By Student Earnings



Student Earnings

TABLE 11

DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND DEPENDENT STUDENT EARNINGS

AWARD YEAR 1987-88

**DEPENDENT STUDENT EARNINGS** \$501 -\$1,001 -\$1,001 -\$2,001 -\$3,201 -\$4,001 -\$5,000 -\$7,501 -**FAMILY INCOME** \$1 - 500 \$10,000 + TOTAL 1,000 1,500 3,200 4,000 7,500 10,000 2,000 5,000 2,773 473 207 **LESS THAN \$1,001** 2,046 2,606 2,340 4,609 2.297 1,923 1,921 21,195 2.23 R% 9.65 13.08 12.30 11.04 21.75 10.84 9.07 9.06 0.98 100.00 C% 4.39 3.87 3.59 3.30 3.23 3.15 3.48 4.03 0.00 3.94 3.56 3,024 2,912 5,178 2,536 490 202 23,569 \$1,001 - 3,000 2,111 3,068 2,002 2,046 R% 8.96 13.02 12.83 12.36 21.97 10.76 8.49 8.68 2.08 0.86 100.00 C% 4.53 4.29 4.16 4.11 3.63 3.48 3.62 4.29 0.00 3.84 3.95 \$3,001 - 6,000 5,216 7,789 7,232 6,650 12,672 6,922 5,564 1,265 432 59,519 5,777 R% 8.76 13.09 21.29 9.35 9.71 2.13 100.00 12.15 11.17 11.63 0.73 C% 10.88 9.99 11.19 9.95 9.39 8.88 9.49 10.07 12.12 0.00 8.22 \$6,001 - 9,000 5,385 8,259 8,006 7,342 14,663 7,791 6,315 6,672 1,529 450 66,412 R% 12.44 22.08 9.51 10.05 2.30 100.00 8.11 12.06 11.06 11.73 0.68 C% 11.55 11.54 10.36 10.28 13.99 0.00 8.56 11.14 11.01 10.68 11.42 \$9,001 - 15,000 10,438 16,607 16,685 16,238 32,963 17,259 14,317 12,030 2,663 1,502 140,702 R% 7.42 11.80 11.86 11.54 23.43 12.27 10.18 8.55 1.89 1.07 100.00 C% 22.39 23.20 22.95 22.92 23.10 23.67 25.90 25.23 0.00 28.58 23.60 \$15,001 - 20,000 8,842 13,548 14,087 14,256 28,939 14,801 11,439 8,371 1,795 1,173 117,251 R% 7.54 11.55 12.01 12.16 24.68 12.62 9.76 7.14 1.53 1.00 100.00 C% 18.97 18.93 19.38 20.12 20.28 20.30 20.69 17.56 0.00 22.32 19.67 10,804 16,745 18,013 17,960 37,091 18,122 11,808 9,208 2,005 1,097 142,853 \$20,001 - 30,000 R% 7.56 11.72 12.61 12.57 25.96 12.69 8.27 6.45 1.40 0.77 100.00 C% 23.18 23.40 24.78 25.35 25.99 24.85 21.36 19.31 0.00 20.88 23.97 \$30,001 + 1,771 2,784 6,575 327 24,579 3,036 3,141 3,196 1,907 1,650 192 R% 7.21 11.33 12.35 12.78 26.75 13.00 7.76 6.71 1.33 0.78 100.00 C% 3.80 3.89 4.18 4.43 4.61 4.38 3.45 3.46 0.00 3.65 4.12 TOTAL 71,573 47,675 10,547 596,080 46,613 72,689 70,839 142,690 72,924 55,275 5,255 R% 7.82 12.01 12.19 11.88 23.94 12.23 9.27 8.00 1.77 0.88 100.00 C% 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 0.00 100.00 100.00

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

Award Period 1987-88

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

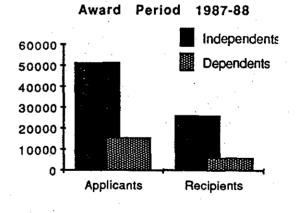
During award period 1987-88, 66,955 students, constituting approximately 1.1 percent of all Pell Grant applicants, reported receiving these Veteran's benefits on an official application. Three of every four applicants reporting Veteran's benefits (77 percent) were independent<sup>6</sup> (see Figure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

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

Veterans were selected for institutional verification at the same rate as the general population. Approximately 47.4 percent of eligible veterans were selected compared to 45 percent of all eligible Pell Grant applicants. The selection rate for eligible dependent applicants reporting Veteran's benefits (53 percent) was slightly higher than the rate for their independent counterparts (46 percent).

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

Figure 9
Applicants/Recipients
Reporting VA Benefits



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

TABLE 12
SUMMARY STATISTICS FOR PELL GRANT APPLICANTS
REPORTING VETERAN'S BENEFITS

**AWARD YEAR 1987-88** 

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

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

Award Period 1987-88

Table 13 presents a distribution of Pell Grant applicants by eligibility status and income range. Unlike other tables in the End-of-Year Report, Table 13 is based on data from the Management Information System of the Pell Grant Application Processing System. It also employs family income categories which differ from the other tables in this report (although the definition of family income is the same).

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

Income explains the differences in eligibility rates. As the table shows, most independent applicants reported little income. For example, 60 percent reported having a family income of \$7,500 or less in 1986. By comparison, 15 percent of the nearly 3 million dependent applicants were in this low income range.

Low income applicants-both independent and dependent-were much more likely to qualify for a grant than their higher income counterparts. For example, more than 99 percent of all applicants with family incomes of \$7,500 and less qualified, while 32 percent of applicants

with incomes exceeding \$15,000 qualified. The very small group of low income applicants who did not qualify most likely reported sizable assets. Those in the high income group who qualified most likely had a large family, more than one family member in postsecondary education, few liquid assets, high medical and dental expenses, a large amount of tuition paid for a child attending elementary or secondary school, or a combination of the above.

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

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

TABLE 13

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

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

DEPENDENT APPLICANTS		INCOME RANGE										
	\$0 - 4,000	\$4,001 - 7,500	\$7,501 - 10,000	\$10,001 - 12,000	\$12,001 - 15,000	\$15,001 - 20,000	\$20,001 - 25,000	\$25,001 - 30,000	\$30,001 - 35,000	\$35,000 +	TOTAL	
TOTAL QUALIFIED APPLICANTS	182,584	239,058	155,066	117,046	168,377	261,640	203,342	105,973	37,877	15,149	1,486,112	
PERCENT OF TOTAL QUALIFIED APPLICANTS	12.3	16.1	10.4	7.9	11.3	17.6	13.7	7.1	2.5	1.0	100.0	
TOTAL APPLICANTS	184,326	242,415	161,742	125,923	188,087	314,315	292,234	269,999	240,029	853,145	2,872,215	
PERCENT OF TOTAL APPLICANTS	6.4	8.4	5.6	4.4	6.5	10.9	10.2	9.4	8.4	29.7	100.0	

INDEPENDENT APPLICANTS	INCOME RANGE										
	\$0 - 4,000	\$4,001 - 7,500	\$7,501 - 10,000	\$10,001 - 12,000	\$12,001 - 15,000	\$15,001 - 20,000	\$20,001 - 25,000	\$25,001 - 30,000	\$30,001 - 35,000	\$35,000 +	TOTAL
TOTAL QUALIFIED APPLICANTS	913,170	774,721	224,537	117,682	139,276	120,392	21,024	2,533	455	157	2,313,947
PERCENT OF TOTAL QUALIFIED APPLICANTS	39.5	33.5	9.7	5.1	6.0	5.2	0.9	0.1	0.0	0.0	100.0
TOTAL APPLICANTS	915,854	781,871	302,858	176,368	194,999	199,738	107,010	64,294	36,582	45,553	2,825,127
PERCENT OF TOTAL APPLICANTS	32.4	27.7	10.7	6.2	6.9	7.1	3.8	2.3	1.3	1.6	100.0

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

Award Period 1987-88

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

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

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

Attendance patterns varied considerably by whether the school was public, private, non-profit, or profit-making. Of total full-time recipients, 55 percent attended public schools, 19 percent attended private, non-profit schools, and 26 percent attended profit-making schools. Part-time recipients were more likely to attend

public schools. Sixty-one percent of threequarter time students attended public institutions, 16 percent were enrolled in private, nonprofit schools, and 23 percent attended profitmaking schools. Of the half-time students, 64 percent were enrolled in public institutions, 14 percent attended private, non-profit institutions, and 22 percent were enrolled in profitmaking schools.

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

On the other hand, institutions where commuters make up a large portion of the student body attracted part-time students at a slightly greater rate. For example, schools offering programs 2 to 3 years in length--most of which are 2-year community colleges--had 71 percent full-time, 3.8 percent three-quarter time, and 5.6 percent half-time recipients. (There was no enrollment status on file for the remaining 19 percent.)

TABLE 14

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

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

#### **CHAPTER 4**

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

Award Period 1987-88

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

Award Period 1987-88

Table 15 examines the relationship of family income to grant level for verified recipients during 1987-88. Recipients who were not selected for verification--72 percent of the population--are not included on the table.

A comparison of this table with other tables in the End-of-Year Report that show family income for all 1987-88 Pell Grant recipients suggests that low income students were less likely to be selected for verification than those reporting a high income. For example, 36 percent of all verified recipients reported family incomes of \$6,000 or less. By comparison, 48 percent of non-verified recipients had incomes in this range. Likewise, the proportion of verified students reporting incomes greater than \$15,000 (25 percent) was greater than the proportion of non-verified students (20 percent) with incomes in this range.

Verified recipients appeared to be awarded grants that were, on average, similar in size to their non-verified counterparts. For example, Table 15 shows that 15 percent of the verified population received the maximum grant of \$2,100 compared with 18 percent of the non-verified group. Grants of less than \$900 were awarded to 29.8 percent of the verified population and to 28.6 percent of the non-verified group.

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

TABLE 15

DISTRIBUTION OF VALIDATED PELL GRANT RECIPIENTS BY FAMILY INCOME AND GRANT LEVEL

<u>ALL VERIFIED RECIPIENTS</u> - AWARD YEAR 1987-88

**GRANT LEVEL FAMILY INCOME** \$1 - 299 \$300 - 599 \$600 - 899 \$900 - 1,199 \$1,200 - 1,499 \$1,500 - 1,799 \$1,800 - 2,099 \$2,100 **TOTAL LESS THAN \$1,001** 1,114 3,396 5,001 6,955 5,835 6,222 6,480 12,948 47,951 R% 2.32 7.08 10.43 14.50 12.17 12.98 13.51 27.00 100.00 C% 3.20 4.42 5.86 10.55 5.93 3.65 5.35 4.98 7.04 \$1,001 - 3,000 1,051 4,914 8,355 12,789 10,033 9,732 9,695 22,964 79,533 R% 10.51 16.08 12.24 28.87 100.00 1.32 6.18 12.61 12.19 C% 3.02 5.29 7.39 9.84 8.57 9.16 10.53 18.71 9.83 \$3,001 - 6,000 2,143 9,997 17,542 25,521 20,897 21,533 21,524 42,633 161,790 R% 1.32 6.18 10.84 15.77 12.92 13.31 13.30 26.35 100.00 C% 6.16 10.76 15.51 19.64 17.85 20.26 23.37 34.74 20.00 6,531 15,746 18,077 21,092 17,569 \$6,001 - 9,000 17,220 15,213 24,646 136,094 R% 4.80 11.57 13.28 15.50 12.65 11.18 12.91 18.11 100.00 C% 18.76 16.94 15.99 16.23 14.71 14.32 19.08 20.08 16.82 \$9,001 - 15,000 5,582 18,743 25,878 27,215 27,942 31,443 28,160 17,257 182,220 R% 3.06 10.29 14.20 14.94 15.33 17.26 15.45 9.47 100.00 C% 16.03 20.17 22.88 20.95 23.87 29.59 30.58 14.06 22.53 \$15,001 - 20,000 7.581 16,257 16,765 18,487 20.992 15,598 7,038 1.821 104,539 R% 7.25 15.55 16.04 17.68 20.08 14.92 6.73 1.74 100.00 C% 21.77 17.49 14.83 14.23 17.93 14.68 7.64 1.48 12.92 \$20,001 - 30,000 8.580 19,715 18,687 16,227 397 84,717 13,277 6,266 1.568 R% 10.13 23.27 22.06 19.15 15.67 7.40 1.85 0.47 100.00 C% 24.64 21.21 16.52 12.49 5.90 0.32 10.47 11.34 1.70

1,637

13.59

1.26

16.06

100.00

129,923

862

7.16

0.74

14.47

100.00

117,058

256

2.13

0.24

13.14

100.00

106,263

\$30.001 +

TOTAL

R%

C%

R%

C%

2,235

18.56

6.42

4.30

100.00

34,817

4,162

34.56

4.48

92,930

11.49

100.00

2,780

23.08

13.98

100.00

113,085

2.46

50

0.42

0.04

15.17

100.00

122,716

12,044

100.00

808,888

100.00

100.00

1.49

62

0.51

0.07

92,096

11.39

100.00

#### **CHAPTER 5**

### SUMMARY STATISTICS FOR THE MULTIPLE DATA ENTRY SYSTEM

Award Period 1987-88

#### Multiple Data Entry Summary Statistics

Award Period 1987-88

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

During 1987-88, students could apply for a Pell Grant using one of five applications: The U.S. Department of Education's Application for Federal Student Aid (Pell); American 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 beginning in 1987-88, the Illinois State Scholarship Commission (ISSC) form. This arrangement is called Multiple Data Entry.

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

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

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

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

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

Another group of applicants filed applications that had sufficient data but were determined to be non-qualified based upon financial need. The proportion of non-qualified applicants differed substantially by application source. Over onethird of the students submitting ACT, CSS, or PHEAA forms did not qualify for a grant. A little less than one quarter of the students submitting ISSC forms did not qualify for a grant. Students using the Federal Pell form, however, were much more successful: only 14 percent of the applicants in this group were non-qualified. Table 17 suggests that, as in 1986-87, students using the Federal form tended to have lower incomes than other applicants, a likely explanation for the high rate at which they qualified.

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

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

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

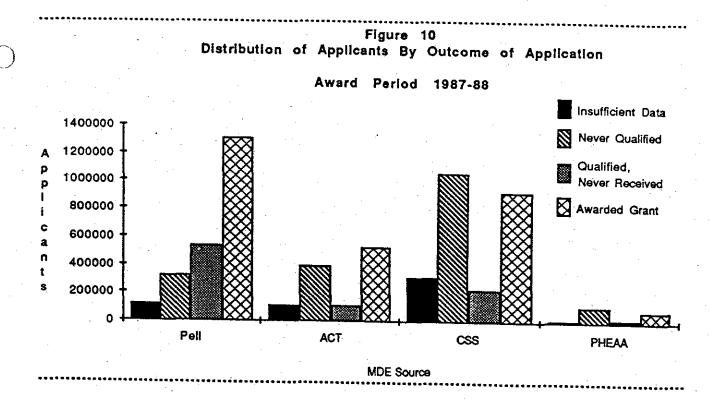


TABLE 16

MULTIPLE DATA ENTRY SUMMARY STATISTICS

ALL APPLICANTS - AWARD YEAR 1987-88

	PELL	ACT	CSS	PHEAA	ISSC	TOTAL
NUMBER OF APPLICANTS						
SUBMITTING OFFICIAL APPLICATIONS	2,280,904	1,151,426	2,519,020	234,970	111,278	6,297,598
NUMBER OF APPLICANTS						
SUBMITTING VALID APPLICATIONS	2,156,761	1,037,352	2,200,586	219,420	100,075	5,714,194
NUMBER AND PERCENT OF						
QUALIFIED	1,837,526	643,664	1,148,341	109,000	74,293	3,812,824
APPLICANTS	80.56	55.90	45.59	46.39	66.76	60.54
NUMBER AND PERCENT OF						
NON-QUALIFIED	319,235	393,688	1,052,245	110,420	25,792	1,901,380
APPLICANTS	14.00	34.19	41.77	46.99	23.18	30.19
NUMBER AND PERCENT OF APPLICATIONS RETURNED FOR	124,143	114,074	318,434	15,550	11,203	583,404
INSUFFICIENT DATA						
NEVER RE-SUBMITTED FOR PROCESSING	5.44	9.91	12.64	6.62	10.07	9.26
NUMBER OF APPLICANTS						
SUBMITTING UNOFFICIAL APPLICATIONS	122,826	52,737	102,012	32,315	10,303	320,193
NUMBER OF APPLICANTS						
SELECTED FOR VALIDATION	605,663	292,044	720,123	52,816	27,500	1,698,146
NUMBER OF PELL GRANT						
RECIPIENTS	1,302,356	527,706	917,456	84,612	49,417	2,881,547
TOTAL EXPENDITURES	\$1,712,177,196	\$681,106,062	\$1,188,938,838	\$111,935,825	\$60,171,560	\$3,754,329,481
AVERAGE GRANT	\$1,315	\$1,291	\$1,296	\$1,323	\$1,218	\$1,303

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

Award Period 1987-88

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

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

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

Dependency status also varied by application source. Students using the Federal or ISSC form were mostly independent, while the majority of recipients processed by ACT, CSS, and PHEAA were dependent. Independents comprised 70 percent of all recipients using the Federal form, 71 percent of ISSC recipients, 49.6 percent of ACT recipients, 45 percent of CSS recipients, and 38 percent of PHEAA recipients.

Table 17A shows that Federal and ISSC filers, most of whom are independent, were most likely to report a low family income and least likely to report a relatively high income. For example, 55 percent of recipients using the Federal form and 58.3 percent using ISSC's form, reported a family income of \$6,000 or less; only 11.7 percent of Federal recipients and 15.5 percent of ISSC recipients reported an income that exceeded \$15,000.

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

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

TABLE 17-A

# DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND MULTIPLE DATA ENTRY APPLICATION ALL RECIPIENTS - AWARD YEAR 1987-88

**MULTIPLE DATA ENTRY APPLICATION** 

		MULI	IPLE DATA ENTI	RT APPLICATION		
FAMILY INCOME	PELL	ACT	CSS	PHEAA	ISSC	TOTAL
LESS THAN \$1,001	125,992	38,379	62,060	4,671	3,542	234,64
R%	53.69	16.36	26.45	1.99	1.51	100.0
C%	9.67	7.27	6.76	5.52	7.17	8.1
\$1,001 - 3,000	205,245	47,946	76,385	6,117	10,019	345,71
R%	59.37	13.87	22.09	1.77	2.90	100.0
C%	15.76	9.09	8.33	7.23	20.27	12.0
\$3,001 - 6,000	388,902	101,804	181,650	17,197	15,368	704,92
R%	55.17	14.44	25.77	2.44	2.18	100.0
C%	29.86	19.29	19.80	20.32	31.10	24.4
\$6,001 - 9,000	214,604	81,789	143,263	11,008	6,046	456,71
R%	46.99	17.91	31.37	2.41	1.32	100.0
C%	16.48	15.50	15.62	13.01	12.23	15.8
\$9,001 - 15,000	212,824	109,910	183,255	15,825	6,670	528,48
R%	40.27	20.80	34.68	2.99	1.26	100.0
C%	16.34	20.83	19.97	18.70	13.50	18.3
\$15,001 - 20,000	92,048	69,642	122,857	12,496	3,973	301,01
R%	30.58	23.14	40.81	4.15	1.32	100.0
C%	7.07	13.20	13.39	14.77	8.04	10.4
\$20,001 - 30,000	56,636	67,374	126,233	14,670	3,210	268,12
R%	21.12	25.13	47.08	5.47	1.20	100.0
C%	4.35	12.77	13.76	17.34	6.50	9.3
\$30,001 +	6,105	10,862	21,753	2,628	589	41,93
R%	14.56	25.90	51.87	6.27	1.40	100.0
C%	0.47	2.06	2.37	3.11	1.19	1.4
TOTAL	1,302,356	527,706	917,456	84,612	49,417	2,881,54
R%	45.20	18.31	31.84	2.94	1.71	100.0
C%	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 17-B

# DISTRIBUTION OF PELL GRANT RECIPIENTS BY FAMILY INCOME AND MULTIPLE DATA ENTRY APPLICATION <u>DEPENDENT RECIPIENTS</u> - AWARD YEAR 1987-88

**MULTIPLE DATA ENTRY APPLICATION** 

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

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

#### **MULTIPLE DATA ENTRY APPLICATION**

		MOLI		VI ALLEGATION		
FAMILY INCOME	PELL	ACT	css	PHEAA	ISSC	TOTAL
LESS THAN \$1,001	115,441	25,680	44,912	3,547	3,153	192,733
R%	59.90	13.32	23.30	1.84	1.64	100.00
C%	12.61	9.81	10.89	10.92	9.04	11.63
\$1,001 - 3,000	174,415	37,563	59,258	4,618	8,986	284,840
R%	61.23	13.19	20.80	1.62	3.15	100.00
C%	19.05	14.36	14.36	14.21	25.75	17.19
\$3,001 - 6,000	309,900	77,149	133,291	12,174	12,989	545,503
R%	56.81	14.14	24.43	2.23	2.38	100.00
C%	33.84	29.48	32.31	37.47	37.22	32.9
\$6,001 - 9,000	148,440	52,730	85,133	5,855	4,493	296,651
R%	50.04	17.78	28.70	1.97	1.51	100.00
C%	16.21	20.15	20.64	18.02	12.88	17.90
\$9,001 - 15,000	121,621	46,886	62,912	4,266	3,620	239,30
R%	50.82	19.59	26.29	1.78	1.51	100.00
C%	13.28	17.92	15.25	13.13	10.37	14.4
\$15,001 - 20,000	39,000	18,143	22,752	1,680	1,345	82,920
R%	47.03	21.88	27.44	2.03	1.62	100.00
C%	4.26	6.93	5.52	5.17	3.85	5.00
\$20,001 - 30,000	6,812	3,430	4,180	336	303	15,06
R%	45.23	22.77	27.75	2.23	2.01	100.00
C%	0.74	1.31	1.01	1.03	0.87	0.9
\$30,001 +	113	78	105	15	8	319
R%	35.42	24.45	32.92	4.70	2.51	100.00
C%	0.01	0.03	0.03	0.05	0.02	0.02
TOTAL	915,742	261,659	412,543	32,491	34,897	1,657,332
R%	55.25	15.79	24.89	1.96	2.11	100.00
C%	100.00	100.00	100.00	100.00	100.00	100.00

### **CHAPTER 6**

## INSTITUTIONS PARTICIPATING IN THE PELL GRANT PROGRAM: SUMMARY INFORMATION

Award Period 1987-88

### Summary Statistics By Type of Institution

Award Period 1987-88

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

Table 18 shows that participation in the Pell Grant program varies considerably by the length of the educational program offered by the institution (see Figure 11). The 2,112 schools which offered programs of 2 to 3 years in duration represented 30 percent of all participating schools, the largest number of any one type of institution. Many of these schools are publically-funded 2-year community colleges. Private 2-year junior colleges are also represented in this category. Institutions with 6 month to 1 year programs constituted the second largest category. These schools, which tend to be profit-making institutions offering vocational programs, represented 22 percent of all participants. Schools offering 1 year but less 2 year programs ranked third, representing 20 percent of all schools in the Pell Grant program. Schools in this category also tend to be proprietary institutions offering a vocational course of study.

The number of recipients at each type of school varied substantially. Although constituting only 12 percent of all institutions, 5 year schools attracted 34 percent of all Pell Grant recipients. Many of the institutions in this category are large, state-funded universities. An average of 1,199 recipients were enrolled at these 5 year schools. This compares with an average of 422 recipients at each 4 year school without a graduate program, 80 at each 3 to 4 year school, 480 at each 2 to 3 year school, 192 at each 1 to 2 year school, 188 at each less than 1 year school.

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

The distribution of total Pell Grant funds by institutional type mirrors the distribution of recipients. Five year schools attracted the most recipients of any of the institutional categories and as a result received the most program funds. Total disbursements to students enrolled in 5 year schools in 1987-88 totalled nearly \$1.4 billion, representing 37 percent of all Pell Grant expenditures. Two to three year schools received the next largest amount of Pell Grant funds (28 percent) followed by 4 year schools (15 percent).

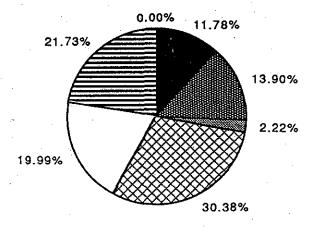
A comparison with last year's data shows a .7 percent increase in the total number of institutions participating in the program, from 6,907 in 1986-87 to 6,952 in 1987-88. The 1 year to 2 year category experienced the greatest increase. In 1986-87, 1,195 schools offering programs of this duration were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

The cross-year comparison also shows that the average number of Pell Grant recipients per participating institution increased along with the program-wide increase in the number of students receiving Pell Grants and the overall rise in the number of participating schools. In

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

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

Award Period 1987-88



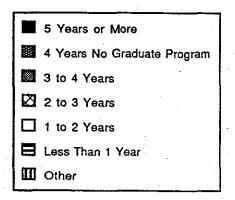


TABLE 18

SUMMARY STATISTICS BY TYPE OF INSTITUTION

AWARD PERIOD 1987-88

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

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

Award Period 1987-88

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

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

Table 19 shows that the majority of Pell Grant recipients (57 percent) attended postsecondary institutions that were publically-funded. Almost one in four recipients (25 percent) attended profit-making schools. The remainder (18 percent) were enrolled in institutions classified as private, non-profit (see Figure 12). The distribution of recipients by dependency status varied by these three institutional groups. A higher percentage of dependent than independent recipients--57 percent as opposed to 43 percent--were enrolled in private, non-profit schools. Independents at other schools. Independents

comprised 53 percent of the recipient population at public institutions and 77 percent at proprietary schools.

An examination of Table 19 shows that the number of recipients varied by length of program at public, private, non-profit, and proprietary schools. There were 773,906 recipients enrolled in public schools with programs of 5 years or more, comprising the largest group of recipients attending any type of public institution. By comparison, the largest group of recipients enrolled in private, non-profit schools went to 4 year institutions without graduate programs (244,818). Most recipients in private, profit-making schools were enrolled in institutions having programs 6 months to 1 year in length (275,417).

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

Figure 12 Distribution of Recipients By Control of Institution

Award Period 1987-88

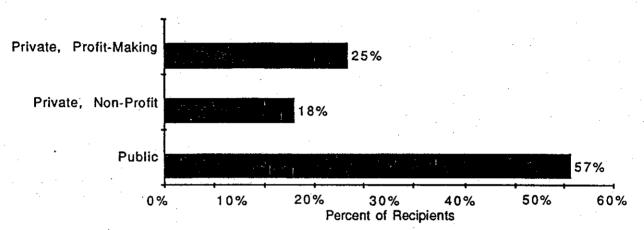


TABLE 19

PELL GRANT EXPENDITURES, RECIPIENTS, & AVERAGE GRANT BY TYPE & CONTROL OF INSTITUTION

ALL INSTITUTIONS - AWARD PERIOD 1987-88

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

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

Award Period 1987-88

20A - Total 20B - Dependent 20C - Independent

Tables 20A, 20B, and 20C present the distribution of Pell Grant recipients by grant level and type of institution, first for all recipients, then for dependents and independents, respectively. Grant levels are presented in \$300 ranges, up to the maximum award of \$2,100. The average grant for the recipients in each cell is also shown. (The reader should note that the averages in the \$2,100 grant row exceed \$2,100. Recipients who were erroneously awarded grants greater than \$2,100 were placed in these cells.)

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

Just as the average grant by institutional type varied, so did the distribution of the maximum award. Recipients in the 1 to 2 year

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

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

#### TABLE 20-A

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

#### TYPE OF INSTITUTION

TOTAL	OTHER	SIX MONTHS BUT LESS THAN ONE YEAR	ONE YEAR BUT LESS THAN TWO YEARS	TWO YEARS BUT LESS THAN THREE YEARS	THREE YEARS BUT LESS THAN FOUR YEARS	FOUR-YEAR NO GRADUATE	FIVE YEARS OR MORE	GRANT LEVEL
117,833	0	8,041	8,057	52,649	649	14,035	34,402	<b>\$1 - 299</b>
100.00	0.00	6.82	6.84	44.68	0.55	11.91	29.20	R%
4.09	0.00	2.83	3.02	5.67	5.27	3.45	3.50	C%
\$210	\$0	\$209	\$196	\$204	\$206	\$219	\$220	AVE-GRANT
313,825	0	20,320	20,346	138,118	1,586	40,597	92,858	\$300 - 599
100.00	0.00	6.47	6.48	44.01	0.51	12.94	29.59	R%
10.89	0.00	7.14	7.64	14.86	12.88	9.97	9.46	C%
\$454	\$0	\$463	\$458	\$451	\$456	\$457	\$454	AVE-GRANT
401,187	0	38,061	37,942	165,932	1,827	45,030	112,395	\$600 - 899
100.00	0.00	9.49	9.46	41.36	0.46	11.22	28.02	R%
13.92	0.00	13.38	14.24	17.85	14.84	11.06	11.45	C%
\$745	\$0	\$741	\$730	\$744	\$729	\$751	\$751	AVE-GRANT
478,635	0	67,993	57,824	158,259	1,876	61,244	131,439	\$900 - 1,199
100.00	0.00	14.21	12.08	33.06	0.39	12.80	27.46	R%
16.61	0.00	23.89	21.71	17.03	15.24	15.04	13.39	C%
\$1,040	\$0	\$1,040	\$1,041	\$1,040	\$1,043	\$1,040	\$1,038	AVE-GRANT
406,510	0	45,025	39,919	156,411	1,626	42,626	120,903	\$1,200 - 1,499
100.00	0.00	11.08	9.82	38.48	0.40	10.49	29.74	R%
14.11	0.00	15.82	14.99	16.83	13.21	10.47	12.32	C%
\$1,354	\$0	\$1,382	\$1,385	\$1,343	\$1,365	\$1,351	\$1,347	AVE-GRANT
360,575	0	18,574	15,891	123,016	978	54,385	147,731	\$1,500 - 1,799
100.00	0.00	5.15	4.41	34.12	0.27	15.08	40.97	R%
12.51	0.00	6.53	5.97	13.24	7.94	13.35	15.05	C%
\$1,648	\$0	\$1,651	\$1,644	\$1,644	\$1,646	\$1,651	\$1,651	AVE-GRANT
311,234	0	14,819	14,825	57,152	932	56,043	167,463	\$1,800 - 2,099
100.00	0.00	4.76	4.76	18.36	0.30	18.01	53.81	R%
10.80	0.00	5.21	5.57	6.15	7.57	13.76	17.06	C%
\$1,952	\$0	\$1,949	\$1,957	\$1,948	\$1,945	\$1,955	\$1,952	AVE-GRANT
491,748	0	71,717	71,563	77,798	2,838	93,312	174,520	\$2,100
100.00	0.00	14.58	14.55	15.82	0.58	18.98	35.49	R%
17.07	0.00	25.20	26.87	8.37	23.05	22.91	17.78	C%
\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	AVE-GRANT
2,881,547	0	284,550	266,367	929,335	12,312	407,272	981,711	TOTAL
100.00	0.00	9.87	9.24	32.25	0.43	14.13	34.07	R%
100.00	0.00	100.00	100.00	100.00	100.00	100.00	100.00	C%

#### TABLE 20-B

#### DISTRIBUTION OF PELL GRANT RECIPIENTS AND AVERAGE GRANT BY GRANT LEVEL AND TYPE OF INSTITUTION <u>DEPENDENT RECIPIENTS</u> - AWARD YEAR 1987-88

#### TYPE OF INSTITUTION

			11011011	TIFE OF INST				
TOTAL	OTHER	SIX MONTHS BUT LESS THAN ONE YEAR	ONE YEAR BUT LESS THAN TWO YEARS	TWO YEARS BUT LESS THAN THREE YEARS	THREE YEARS BUT LESS THAN FOUR YEARS	FOUR-YEAR NO GRADUATE	FIVE YEARS OR MORE	GRANT LEVEL
50,461	0	1,677	2,039	16,303	226	8,213	22,003	\$1 - 299
100.00	0.00	3.32	4.04	32.31	0.45	16.28	43.60	R%
32.19	0.00	14.35	13.98	89.18	39.72	21.52	29.96	C%
\$219	\$0	\$208	\$204	\$209	\$215	\$227	\$227	AVE-GRANT
136,561	0	4,425	4,968	43,682	557	22,965	59,964	\$300 - 599
100.00	0.00	3.24	3.64	31.99	0.41	16.82	43.91	R%
87.13	0.00	37.87	34.06	238.95	97.89	60.16	81.64	C%
\$453	\$0	\$460	\$460	\$451	\$455	\$453	\$453	AVE-GRANT
169,321	0	7,343	8,204	54,792	610	27,387	70,985	\$600 - 899
100.00	0.00	4.34	4.85	32.36	0.36	16.17	41.92	R%
13.83	0.00	13.64	13.40	18.14	15.15	12.17	12.28	C%
\$747	\$0	\$742	\$725	\$744	\$726	\$753	\$749	AVE-GRANT
191,674	0	12,023	12,529	56,972	629	31,124	78,397	\$900 - 1,199
100.00	0.00	6.27	6.54	29.72	0.33	16.24	40.90	R%
15.66	0.00	22.34	20.47	18.86	15.62	13.84	13.56	C%
\$1,040	\$0	\$1,033	\$1,038	\$1,038	\$1,041	\$1,042	\$1,041	AVE-GRANT
186,852	0	7,484	8,132	59,299	556	28,583	82,798	\$1,200 - 1,499
100.00	0.00	4.01	4.35	31.74	0.30	15.30	44.31	R%
15.26	0.00	13.91	13.29	19.63	13.81	12.71	14.32	C%
\$1,345	\$0	\$1,372	\$1,372	\$1,335	\$1,356	\$1,350	\$1,344	AVE-GRANT
171,952	0	4,248	4,624	36,378	411	34,973	91,318	\$1,500 - 1,799
100.00	0.00	2.47	2.69	21.16	0.24	20.34	53.11	R%
14.05	0.00	7.89	7.56	12.04	10.21	15.55	15.80	C%
\$1,651	\$0	\$1,647	\$1,653	\$1,651	\$1,654	\$1,658	\$1,649	AVE-GRANT
160,655	0	4,930	6,122	16,387	469	33,533	99,214	\$1,800 - 2,099
100.00	0.00	3.07	3.81	10.20	0.29	20.87	61.76	R%
13.12	0.00	9.16	10.00	5.42	11.65	14.91	17.16	C%
\$1,960	\$0	\$1,957	\$1,966	\$1,952	\$1,953	\$1,963	\$1,961	AVE-GRANT
156,739	0	11,686	14,585	18,281	569	38,171	73,447	\$2,100
100.00	0.00	7.46	9.31	11.66	0.36	24.35	46.86	R%
12.80	0.00	21.71	23.83	6.05	14.13	16.97	12.70	C%
\$2,100	\$0	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	AVE-GRANT
1,224,215	0	53,816	61,203	302,094	4,027	224,949	578,126	TOTAL
100.00	0.00	4.40	5.00	24.68	0.33	18.37	47.22	R%
100.00	0.00	100.00	100.00	100.00	100.00	100.00	100.00	C%
\$1,291	\$0	\$1,337	\$1,364	\$1,103	\$1,230	\$1,370	\$1,346	AVE-GRANT

#### TABLE 20-C

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

#### TYPE OF INSTITUTION

			ITOTION	TIFE OF INST				
TOTAL	OTHER	SIX MONTHS BUT LESS THAN ONE YEAR	ONE YEAR BUT LESS THAN TWO YEARS	TWO YEARS BUT LESS THAN THREE YEARS	THREE YEARS BUT LESS THAN FOUR YEARS	FOUR-YEAR NO GRADUATE	FIVE YEARS OR MORE	GRANT LEVEL
67,372	0	6,364	6,018	36,346	423	5,822	12,399	\$1 - 299
100.00	0.00	9.45	8.93	53.95	0.63	8.64	18.40	R%
4.07	0.00	2.76	2.93	5.79	5.11	3.19	3.07	C%
\$203	\$0	\$210	\$193	\$201	\$202	\$208	\$209	AVE-GRANT
177,264	0	15,895	15,378	94,436	1,029	17,632	32,894	\$300 - 599
100.00	0.00	8.97	8.68	53.27	0.58	9.95	18.56	R%
10.70	0.00	6.89	7.50	15.06	12.42	9.67	8.15	C%
\$455	\$0	\$464	\$457	\$451	\$457	\$462	\$456	AVE-GRANT
231,866	0	30,718	29,738	111,140	1,217	17,643	41,410	\$600 - 899
100.00	0.00	13.25	12.83	47.93	0.52	7.61	17.86	R%
13.99	0.00	13.31	14.49	17.72	14.69	9.68	10.26	C%
\$743	\$0	\$741	\$729	\$743	\$730	\$748	\$753	AVE-GRANT
286,961	0	55,970	45,295	101,287	1,247	30,120	53,042	\$900 - 1,199
100.00	0.00	19.50	15.78	35.30	0.43	10.50	18.48	R%
17.31	0.00	24.26	22.08	16.15	15.05	16.52	13.14	C%
\$1,040	\$0	\$1,041	\$1,042	\$1,042	\$1,044	\$1,039	\$1,033	AVE-GRANT
219,658	0	37,541	31,787	97,112	1,070	14,043	38,105	\$1,200 - 1,499
100.00	0.00	17.09	14.47	44.21	0.49	6.39	17.35	R%
13.25	0.00	16.27	15.49	15.48	12.91	7.70	9.44	C%
\$1,361	\$0	\$1,384	\$1,389	\$1,348	\$1,369	\$1,353	\$1,354	AVE-GRANT
188,623	0	14,326	11,267	86,638	567	19,412	56,413	\$1,500 - 1,799
100.00	0.00	7.60	5.97	45.93	0.30	10.29	29.91	R%
11.38	0.00	6.21	5.49	13.81	6.84	10.65	13.98	C%
\$1,646	\$0	\$1,652	\$1,640	\$1,641	\$1,640	\$1,638	\$1,655	AVE-GRANT
150,579	0	9,889	8,703	40,765	463	22,510	68,249	\$1,800 - 2,099
100.00	0.00	6.57	5.78	27.07	0.31	14.95	45.32	R%
9.09	0.00	4.29	4.24	6.50	5.59	12.35	16.91	C%
\$1,843	\$0	\$1,945	\$1,950	\$1,946	\$1,936	\$1,944	\$1,940	AVE-GRANT
335,009	0	60,031	56,978	59,517	2,269	55,141	101,073	\$2,100
100.00	0.00	17.92	17.01	17.77	0.68	16.46	30.17	R%
20.21	0.00	26.02	27.77	9.49	27.39	30.24	25.04	C%
\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	AVE-GRANT
1,657,332	0	230,734	205,164	627,241	8,285	182,323	403,585	TOTAL
100.00	0.00	13.92	12.38	37.85	0.50	11.00	24.35	R%
100.00								
100.00	0.00	100.00	100.00	100.00	100.00	100.00	100.00	C%

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

Award Period 1987-88

21A - Total 21B - Dependent 21C - Independent

Tables 21A, 21B, and 21C present the distribution of Pell Grant recipients by educational cost and grant level, first for all recipients, then for dependents and independents, respectively.

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

Table 21A shows that, consistent with Pell award determination rules, the higher the recipient's educational cost, the greater the potential for receiving a large Pell Grant. For example, of the recipients with educational costs greater than

\$3,300, 47 percent received a grant of \$1,500 or greater, while 24 percent were awarded a grant less than \$900. By comparison, of the recipients with educational costs of \$3,000 or less, only 23 percent were awarded a grant of \$1,500 or greater, while 42 percent were given a grant of less than \$900.

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

TABLE 21-A

#### DISTRIBUTION OF PELL GRANT RECIPIENTS BY EDUCATIONAL COST AND GRANT LEVEL <u>ALL RECIPIENTS</u> - AWARD YEAR 1987-88

#### **GRANT LEVEL**

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

TABLE 21-B

# DISTRIBUTION OF PELL GRANT RECIPIENTS BY EDUCATIONAL COST AND GRANT LEVEL <u>DEPENDENT RECIPIENTS</u> - AWARD YEAR 1987-88

#### **GRANT LEVEL**

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

TABLE 21-C

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

#### **GRANT LEVEL**

					010,011 22122				
EDUCATIONAL COST	\$1 - 299	\$300 - 599	\$600 - 899	\$900 - 1,199	\$1,200 - 1,499	\$1,500 - 1,799	\$1,800 - 2,099	\$2,100	TOTAL
LESS THAN \$400	23	31	37	27	16	18	12	40	204
R%	11.27	15.20	18.14	13.24	7.84	8.82	5.88	19.61	100.0
C%	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.0
\$400 - 1,500	4,135	3,121	1,051	437	3	7	1	1	8,75
R%	47.22	35.64	12.00	4.99	0.03	0.08	0.01	0.01	100.0
C%	6.14	1.76	0.45	0.15	0.00	0.00	0.00	0.00	0.5
\$1,501 - 1,800	1,445	2,689	1,638	2,562	6	1	5	0	8,34
R%	17.31	32.22	19.63	30.70	0.07	0.01	0.06	0.00	100.0
C%	2.14	1.52	0.71	0.89	0.00	0.00	0.00	0.00	0.5
\$1,801 - 2,100	4,919	11,987	13,542	11,620	16,386	24	9	4	58,49
R%	8.41	20.49	23.15	19.87	28.01	0.04	0.02	0.01	100.0
C%	7.30	6.76	5.84	4.05	7.46	0.01	0.01	0.00	3.5
\$2,101 - 2,400	4,954	14,765	15,837	11,598	24,592	58	41	14	71,85
R%	6.89	20.55	22.04	16.14	34.22	0.08	0.06	0.02	100.0
C%	7.35	8.33	6.83	4.04	11.20	0.03	0.03	0.00	4.3
\$2,401 - 2,700	6,519	20,486	23,523	15,706	17,062	29,590	101	105	113,09
R%	5.76	18.11	20.80	13.89	15.09	26.16	0.09	0.09	100.0
C%	9.68	11.56	10.15	5.47	7.77	15.69	0.07	0.03	6.8
\$2,701 - 3,000	8,325	24,149	34,946	16,619	19,779	71,769	1,721	206	177,51
R%	4.69	13.60	19.69	9.36	11.14	40.43	0.97	0.12	100.0
C%	12.36	13.62	15.07	5.79	9.00	38.05	1.14	0.06	10.7
\$3,001 - 3,300	5,268	14,283	13,760	22,666	13,965	11,726	52,906	340	134,91
R%	3.90	10.59	10.20	16.80	10.35	8.69	39.21	0.25	100.0
C%	7.82	8.06	5.93	7.90	6.36	6.22	35.14	0.10	8.1
\$3,301 - 3,500	4,371	11,981	11,926	21,360	9,940	12,436	44,780	6,944	123,73
R%	3.53	9.68	9.64	17.26	8.03	10.05	36.19	5.61	100.0
C%	6.49	6.76	5.14	7.44	4.53	6.59	29.74	2.07	7.4
\$3,501 +	27,413	73,772	115,606	184,366	117,909	62,994	51,003	327,355	960,418
R%	2.85	7.68	12.04	19.20	12.28	6.56	5.31	34.08	100.0
C%	40.69	41.62	49.86	64.25	53.68	33.40	33.87	97.72	57.9
TOTAL	67,372	177,264	231,866	286,961	219,658	188,623	150,579	335,009	1,657,33
R%	4.07	10.70	13.99	17.31	13.25	11.38	9.09	20.21	100.0
C%	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.0

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

Award Period 1987-88

Tables 22 presents the distribution of Pell Grant recipients by state and control of institution.

The number of Pell Grant recipients enrolled in postsecondary institutions varied greatly from state to state. In general, the larger the population of a state, the larger the number of Pell recipients enrolled in institutions within that state. For example, New York and California together had 512,322 recipients attending schools within their boundaries, or 18 percent of the total number of Pell Grant recipients. In contrast, the following nine states had fewer than 10,000 recipients each, and together accounted for 2 percent of all recipients: Alaska, Hawaii, Maine, Nevada, New Hampshire, Rhode Island, Vermont, and Wyoming.

An examination of the general enrollment pattern shows that approximately 57 percent of the total recipient population attended public institutions, 18 percent attended private, non-profit institutions, and 25 percent were enrolled in profit-making schools. However, there was considerable variety among states in the type of school most often attended by Pell Grant recipients. In nine states, over three-fourths of the recipients were enrolled in public institutions. These states were Minnesota,

Mississippi, Montana, Nebraska, New Mexico, North Dakota, Oregon, Wisconsin, and Wyoming.

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

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

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

Number of Pell Grant Recipients By State of Institution Attended

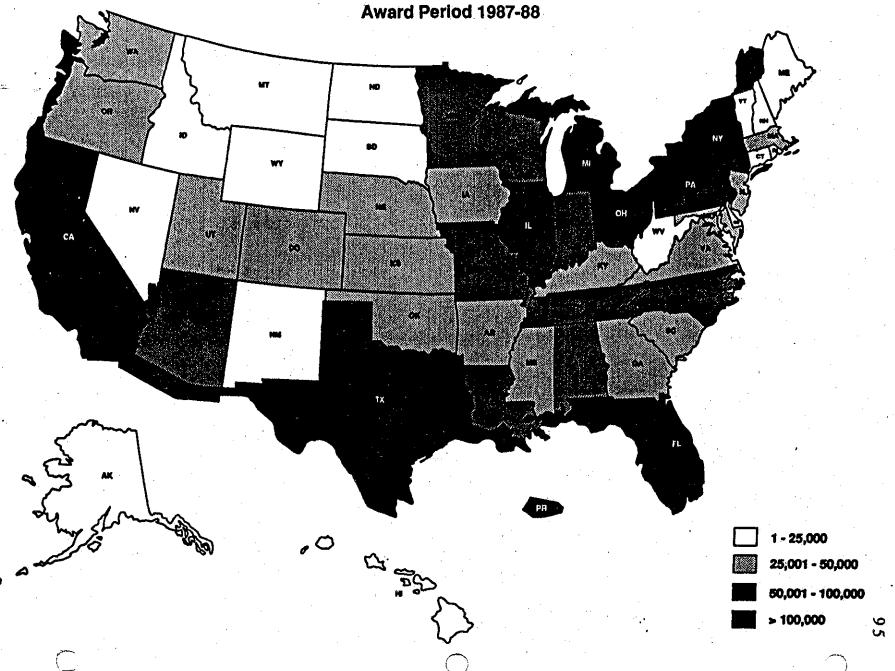


TABLE 22 DISTRIBUTION OF PELL GRANT RECIPIENTS BY STATE AND CONTROL OF INSTITUTION **AWARD YEAR 1987-88** 

	PUBLIC		PRIVATE NON-PROFIT		PRIVATE PROFIT-MAKING		TOTAL	
	RECIPS	AWARDS	RECIPS	AWARDS	RECIPS	AWARDS	RECIPS	AWARDS
ALABAMA	40,034	\$44,786,139	6,851	\$10,073,147	16,371	\$24,493,039	63,256	\$79,352,325
ALASKA	1,504	1,895,593	218	322,791	614	905,902	2,336	3,124,286
ARIZONA	23,436	27,828,247	1,318	2,050,103	37,490	44,674,815	62,244	74,553,165
ARKANSAS	22,239	27,477,606	3,539	5,218,342	10,312	14,938,619	36,090	47,634,567
CALIFORNIA	134,138	150,557,885	22,467	31,805,849	71,953	104,685,439	228,558	287,049,173
COLORADO	24,764	32,599,245	1,385	1,830,322	9,954	12,936,147	36,103	47,365,714
CONNECTICUT	5,818	7,002,448	3,033	4,165,069	8,260	10,121,913	17,111	21,289,430
DELAWARE	2,727	3,203,457	490	606,055	16,009	16,270,019	19,226	20,079,531
DISTRICT OF COLUMBIA	714	750,582	4,492	6,399,116	6,712	10,098,360	11,918	17,248,058
FLORIDA	53,897	60,465,986	15,087	21,579,936	44,556	62,313,261	113,540	144,359,183
GEORGIA	25,414	29,806,073	9,252	12,711,307	12,265	15,606,063	46,931	58,123,443
HAWAII	2,956	3,423,223	1,118	1,669,667	696	874,247	4,770	5,967,137
IDAHO	9,626	12,702,129	2,830	3,939,383	954	1,284,729	13,410	17,926,241
ILLINOIS	74,832	89,077,352	26,051	35,745,834	29,977	43,193,692	130,860	168,016,878
INDIANA	36,059	44,273,734	8,958	11,850,558	9,578	12,550,377	54,595	68,674,669
IOWA	29,157	38,105,007	12,131	17,083,600	5,284	7,194,592	46,572	62,383,199
KANSAS	24,065	29,528,724	9,843	11,018,305	3,627	4,919,343	37,535	45,466,372
KENTUCKY	28,400	34,945,931	7,326	10,770,313	13,048	18,253,710	48,774	63,969,954
LOUISIANA	45,082	59,426,536	4,514	6,641,427	24,080	35,101,237	73,676	101,169,200
MAINE	6,619	8,822,094	1,577	2,101,925	900	1,191,210	9,096	12,115,229
MARYLAND	22,996	27,255,516	2,592	3,707,587	6,640	8,644,613	32,228	39,607,716
MASSACHUSETTS	23,591	29,349,677	17,135	23,364,353	4,042	5,271,399	32,226 44,768	57,985,429
MICHIGAN	70,937	84,756,318	20,432				109,173	
MINNESOTA			8,828	27,632,678	17,804	25,786,578	•	138,175,574 85,621,228
MISSISSIPPI	51,343	68,681,063		11,724,955 5,545,894	4,241	5,215,210	64,412	
	33,457	45,253,740	3,605		4,222	5,870,810	41,284	56,670,444
MISSOURI	33,196	40,908,690	14,046	18,171,718	17,627	25,508,150	64,869	84,588,558
MONTANA	11,251	14,869,162	1,552	2,023,931	528	712,395	13,331	17,605,488
NEBRASKA	19,357	23,780,901	3,726	5,097,851	2,188	2,905,031	25,271	31,783,783
NEVADA	3,396	3,658,791	83	127,917	4,663	6,337,793	8,142	10,124,501
NEW HAMPSHIRE	2,600	3,372,915	1,593	1,988,144	509	594,047	4,702	5,955,106
NEW JERSEY	25,537	33,291,177	5,823	8,409,610	14,897	19,158,945	46,257	60,859,732
NEW MEXICO	16,971	20,660,999	513	739,639	2,021	3,013,720	19,505	24,414,358
NEW YORK	126,509	170,986,250	68,386	103,943,912	88,869	108,310,485	283,764	383,240,647
NORTH CAROLINA	34,408	38,576,028	10,647	15,194,290	8,344	11,183,929	53,399	64,954,247
NORTH DAKOTA	11,506	16,283,774	1,766	2,558,175	740	999,575	14,012	19,841,524
OHIO	68,765	84,748,133	19,752	27,734,395	41,577	55,531,369	130,094	168,013,897
OKLAHOMA	33,832	40,449,532	4,855	6,906,439	9,959	14,156,137	48,646	61,512,108
OREGON	26,452	34,438,720	3,276	4,759,244	4,045	5,581,700	33,773	44,779,664
PENNSYLVANIA	59,101	76,937,375	27,784	37,294,694	31,586	44,289,564	118,471	158,521,633
RHODE ISLAND	4,101	5,150,821	3,256	4,329,495	1,271	1,619,628	8,628	11,099,944
SOUTH CAROLINA	20,359	23,606,882	6,606	9,878,263	6,305	8,455,399	33,270	41,940,544
SOUTH DAKOTA	10,805	15,414,912	2,234	3,113,325	3,409	4,937,931	16,448	23,466,168
TENNESSEE	30,505	36,133,710	12,458	18,093,453	12,918	18,063,077	55,881	72,290,240
TEXAS	108,000	116,128,414	14,119	20,044,078	59,866	85,351,211	181,985	221,523,703
UTAH	17,792	22,203,655	8,192	13,922,548	3,151	4,207,887	29,135	40,334,090
VERMONT	2,864	3,449,236	1,916	2,568,852	93	136,412	4,873	6,154,500
VIRGINIA	28,631	34,598,340	7,131	9,953,711	6,580	8,697,178	42,342	53,249,229
WASHINGTON	35,089	43,659,756	5,540	8,041,990	7,807	11,019,095	48,436	62,720,841
WEST VIRGINIA	14,467	18,585,102	2,693	3,809,537	4,571	5,823,804	21,731	28,218,443
WISCONSIN	47,095	62,122,325	6,702	9,212,735	2,734	3,684,552	56,531	75,019,612
WYOMING	5,247	6,449,360	0	0	1,166	1,648,395	6,413	8,097,755
ALL OTHERS	40,015	49,390,924	86,917	146,065,400	36,240	54,634,697	163,172	250,091,021
TOTAL	1,631,656	\$2,001,830,189	516,638	\$753,541,862	733,253	\$998,957,430	2,881,547	\$3.754.329.481

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

Award Period 1987-88

Table 23 presents the distribution of Pell Grant recipients by the recipient's state of legal residence and the control of the institution (public, private, non-profit, or proprietary) the recipient attended in 1987-88.

The table shows that the larger a state's population, the larger the number of Pell Grant recipients residing in that state. Eight large states accounted for 50 percent of the total number of Pell Grant recipients: California, Florida, Illinois, Michigan, New York, Ohio, Pennsylvania, Texas, plus the "All Others" category, most of whom reside in Puerto Rico. Over 100,000 recipients resided in each of these eight states.

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

A comparison with the recipient data from Table 22 gives a rough indication of the ability of certain states to attract recipients from outside their boundaries. For example, over 10 percent more recipients were enrolled in institutions in

each of the following states than recipients resided in them: Arizona, Arkansas, Connecticut, Delaware, the District of Columbia, Kansas, Kentucky, Massachusetts, New Hampshire, North Carolina, Rhode Island, Tennessee, and Utah.

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

A comparison with 1986-87 data shows that in 48 states the number of recipients increased, and in only 2 the number declined.

TABLE 23

DISTRIBUTION OF PELL GRANT RECIPIENTS

BY RECIPIENTS' STATE OF LEGAL RESIDENCE AND CONTROL OF INSTITUTION

AWARD YEAR 1987-88

	PUBLIC		PRIVATE NON-PROFIT		PRIVATE PROFIT-MAKING		TOTAL	
	RECIPS	AWARDS	RECIPS	AWARDS	RECIPS	AWARDS	RECIPS	AWARDS
ALABAMA	37,785	\$41,869,680	5,720	\$8,275,488	18,028	\$25,722,130	61,533	\$75,867,298
ALASKA	2,825	3,629,803	790	1,170,721	831	1,174,808	4,446	5,975,332
ARIZONA	21,710	25,459,217	2,375	3,514,843	14,814	20,030,946	38,899	49,005,006
ARKANSAS	20,808	25,624,828	3,399	4,874,509	7,655	10,015,569	31,862	40,514,906
CALIFORNIA	134,289	150,931,562	23,244	33,433,224	77,998	112,465,537	235,531	296,830,323
COLORADO	24,233	31,812,716	2,908	4,039,241	11,076	14,223,548	38,217	50,075,505
CONNECTICUT	6,244	7,540,805	3,834	5,054,558	4,362	6,474,846	14,440	19,070,209
DELAWARE	2,277	2,591,248	619	785,294	737	892,626	3,633	4,269,168
DISTRICT OF COLUMBIA	1,482	1,805,206	1,346	1,944,363	4,622	6,458,954	7,450	10,208,523
FLORIDA	54,789	61,589,729	16,170	23,159,279	38,152	51,884,984	109,111	136,633,992
GEORGIA	26,029	30,741,290	8,155	11,135,531	16,980	22,866,194	51,164	64,743,015
HAWAII	3,110	3,666,983	1,155	1,693,501	894	1,105,563	5,159	6,466,047
IDAHO	9,907	13,026,871	2,696	3,912,184	1,566	2,054,937	14,169	18,993,992
ILLINOIS	78,255	94,582,558	29,012	39,981,170	33,396	48,501,092	140,663	183,064,820
INDIANA	35,505	43,508,893	8,289	11,004,730	11,206	14,320,204	55,000	68,833,827
IOWA	29,657	38,672,169	11,278	15,757,688	5,056	6,738,330	45,991	61,168,187
KANSAS	22,768	27,719,156	4,575	6,142,744	4,654	6,414,999	31,997	40,276,899
KENTUCKY	27,558	33,538,440	7,187	10,409,143	10,498	13,549,546	45,243	57,497,129
LOUISIANA	43,436	56,863,812	4,587	6,810,345	31,210	44,376,965	79,233	108,051,122
MAINE	6,721	8,946,286	2,337	3,092,109	1,115	1,441,506	10,173	13,479,901
MARYLAND	19,607	24,373,759	4,105	5,818,710	12,251	16,729,185	35,963	46,921,654
MASSACHUSETTS	23,699	29,482,039	13,041	17,649,242	3,948	5,041,460	40,688	52,172,741
MICHIGAN	71,723	85,925,753	22,786	30,738,929	20,886	28,910,580	115,395	145,575,262
MINNESOTA	50,356	67,404,795	7,964	10,647,434	4,498	5,624,067	62,818	83,676,296
MISSISSIPPI	32,500	43,798,548	3,895	5,994,262	9,275	12,538,416	45,670	62,331,226
MISSOURI	32,988	40,447,140	11,442	14,774,428	15,392	21,617,676	59,822	76,839,244
MONTANA	11,674	15,385,447	2,364	3,215,409	1,160	1,553,950	15,198	20,154,806
NEBRASKA	19,616	24,086,977	3,489	4,827,426	2,449	3,236,498	25,554	32,150,901
NEVADA	3,480	3,729,136	486	698,172	5,283	7,100,171	9,249	11,527,479
NEW HAMPSHIRE	2,277	2,951,782	1,440	1,822,843	485	555,158	4,202	5,329,783
NEW JERSEY	27,693	36,132,265	10,143	14,265,030	17,318	21,333,726	55,154	71,731,021
NEW MEXICO	16,733	20,484,770	1,130	1,547,874	4,509	6,116,505	22,372	28,149,149
NEW YORK	129,343	174,573,357	69,480	105,613,418	82,442	102,865,378	281,265	383,052,153
NORTH CAROLINA	32,504	36,039,840	8,157	11,573,772	7,278	9,375,229	47,939	56,988,841
NORTH DAKOTA	10,818	15,192,432	1,549	2,167,287	823	1,091,496	13,190	18,451,215
OHIO	69,066	85,148,094	20,509	28,407,054	47,143	62,348,279	136,718	175,903,427
OKLAHOMA	32,893	39,068,253	4,027	5,602,279	11,684	16,279,204	48,604	60,949,736
OREGON	25,466	33,007,796	3,897	5,554,200	4,635	6,266,533	33,998	44,828,529
PENNSYLVANIA	59,873	77,729,598	28,237	37,948,586	29,740	39,079,033	117,850	154,757,217
RHODE ISLAND	4,086	5,101,539	2,058	2,742,481	1,174	1,468,575	7,318	9,312,595
SOUTH CAROLINA	19,910	23,222,000	7,163	10,707,893	7,742	10,548,079	34,815	44,477,972
SOUTH DAKOTA	11,196	15,962,178	2,453	3,417,290	1,592	2,223,920	15,241	21,603,388
TENNESSEE	29,509	34,642,080	8,952	12,843,644	12,360	16,123,660	50,821	63,609,384
TEXAS	106,395	114,424,137	17,223	22,957,330	63,423	88,873,094	187,041	226,254,561
UTAH	16,920	20,995,194	4,934	8,254,811	3,211	4,223,441	25,065	33,473,446
VERMONT	2,874	3,458,914	1,767	2,356,558	193	259,596	4,834	6,075,068
VIRGINIA	27,051	32,362,839	5,923	8,337,357	8,670	11,270,605	41,644	51,970,801
WASHINGTON	35,218	43,775,716	6,266	9,138,280	8,975	12,415,918	50,459	65,329,914
WEST VIRGINIA	13,081	16,601,092	2,680	3,761,752	4,041	5,168,656	19,802	25,531,500
WISCONSIN	46,174	60,770,167	7,276	10,001,379	3,512	4,613,493	56,962	75,385,039
WYOMING	5,219	6,399,895	406	593,197	791	1,149,843	6,416	8,142,935
ALL OTHERS	52,326	65,031,405	91,720	153,372,870	41,520	62,242,722	185,566	280,646,997
TOTAL	1 631 656	\$2 001 830 189	516 638	\$753 541 862	733 253	\$998 957 430	2 881 547	\$3 754 329 481

TOTAL 1,631,656 \$2,001,830,189 516,638 \$753,541,862 733,253 \$998,957,430 2,881,547 \$3,754,329,481

### **GLOSSARY OF TERMS**

#### Glossary

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

Average Grant: The sum of all grant awards divided by the number of Pell Grant recipients.

**Award Period:** The period of time from July 1 of one year to June 30 of the next year. The award period covered in this 1987-88 End-of-Year Report is July 1, 1987 to June 30, 1988.

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

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

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

**Eligible Applicant:** Individual who has submitted an official application for a Pell Grant and has been determined eligible to receive a grant because of sufficient financial need. An eligible applicant in 1987-88 had an SAI of 1,900 or less. Also known as a "qualified" applicant.

**Expenditures:** Funds awarded to Pell Grant recipients through the Regular Disbursement System for an award period.

Family Income: One of the primary factors considered in determining eligibility for a Pell Grant. In this report, family income is considered to be the sum of a family's adjusted gross income, non-taxable income (including non-educational Social Security benefits and AFDC), the amount deducted on the 1986 Federal tax return for being a working married couple, and one-half of any GI Bill or Dependents Education Assistance Program (DEAP) benefits received by the student.

**Independent Recipient:** An individual receiving a Pell Grant who is not dependent on his or her parent for financial support. To be considered independent during the 1987-88 award year, the student ....

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

Ineligible Applicant: Individual who has submitted an official application for a Pell Grant but, for purposes of this report, has been determined ineligible to receive a grant because of insufficient financial need. An ineligible applicant in 1987-88 had an SAI greater than 1,900. Also known as a "non-qualified" applicant.

MDE: Multiple Data Entry. Process by which an individual in 1987-88 could apply for a Pell Grant using any one of the following five different application forms in addition to the U.S. Department of Education's Application for Student Financial Aid:

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

These five forms are known as Multiple Data Entry forms because a student may use them to apply for a Pell Grant as well as other kinds of Federal, state or institutional student aid.

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

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

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

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

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

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

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

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

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

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

The above classifications are also known as "institutional type."

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

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

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