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MARYLAND HIGHER EDUCATION COMMISSION

**Financial Need of Undergraduate Aid Recipients at  
Maryland's Colleges and Universities, 2004-2005**

**November 2006**

**MARYLAND HIGHER EDUCATION COMMISSION**  
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## Executive Summary

This report presents information relevant to the issue of affordability of Maryland's colleges and universities and particularly whether the financial needs of low and moderate income students are being adequately addressed. Using data from the Maryland Higher Education Commission's Financial Aid Information System for the 2004-2005 academic year, it examines the extent to which aid recipients face a gap between their ability to pay for college and the cost of attending and the degree to which there are variations among students from high, middle and low income backgrounds who are attending different types of postsecondary institutions. The study also looks at those students who have enough money to pay for college but are receiving financial aid anyway. The report contains data for all aid recipients attending Maryland two- and four-year public colleges and universities; figures for Maryland state-aided independent colleges and universities represent a small subset of all aid recipients: those who were Maryland residents and received State aid.

A total of 119,266 undergraduates enrolled at Maryland's two- and four-year public colleges and universities received approximately \$750 million in financial aid in academic year 2004-05. A total of 4,044 Maryland residents who were undergraduate State aid recipients at Maryland's state-aided independent colleges and universities received approximately \$78 million in aid. Sources of aid included the federal and State governments, higher education institutions and private funds. Scholarships, grants, loans and work study were the major types of aid awarded.

### **Aid Recipients at Public Colleges and Universities**

Seventy-two percent of all aid recipients demonstrated financial need, according to the federal formula. Eleven percent was determined to have no need. For 17 percent of aid recipients, need could not be calculated (most of these were students who did not fill out an aid application; others had incomes too low to file federal tax forms).

About 77 percent of all aid distributed went to those with financial need. Of all public college aid recipients, those with need received 84 percent of all federal aid distributed, 82 percent of State aid, 57 percent of institutional aid, and 58 percent of private aid.

Of those students with need, 47 percent were enrolled at community colleges and 53 percent at public four-year institutions. Two-thirds were women. Forty-four percent were African American; 38 percent, white. Examining the relationship between adjusted gross income (AGI) and race, students with need received aid on the basis of AGI.

The average cost of attendance at a public college for students with need was \$15,512, and average aid amount was \$6,803. Their average adjusted gross income (AGI) was \$34,900. Over 60 percent of aid went to students with an AGI below \$40,000. Twenty-four percent went to those with an AGI of \$60,000 or higher. Over half received a loan as part of their aid package, with an average loan amount of \$6,740. Seventy-nine percent of public four-year aid recipients with need had loans, compared to only 21 percent of community college aid recipients.

Eighty-three percent of aid recipients with need had unmet need. The average unmet need was \$7,415. Students who did not get a loan had a higher average unmet need than those who did (\$8,007 vs. \$6,670).

#### **Aid Recipients at Community Colleges**

Seventy-six percent of all aid recipients demonstrated financial need. Six percent had no need. For 18 percent of aid recipients, need could not be determined.

Among all students who received aid, those with need received 93 percent of all federal aid distributed, 88 percent of State aid, 56 percent of institutional aid, and 55 percent of private aid.

The average cost of attendance at a community college for students with need was \$11,142, and average aid amount was \$3,101. The average aid award was about 28 percent of total cost. The average AGI for students with need was \$24,564. About 86 percent of aid went to students with an AGI below \$40,000. Only four percent went to those with an AGI of \$60,000 or higher. The majority (79 percent) of aid recipients with need did not receive a loan.

Ninety-four percent of aid recipients with need had unmet need. The average unmet need was \$7,126. Students who did not get a loan had a higher average unmet need than those who did (\$7,620 vs. \$4,795).

#### **Aid Recipients at Public Four-Year Colleges and Universities**

Seventy percent of all aid recipients demonstrated financial need. Fourteen percent had no need. For 16 percent of aid recipients, need could not be determined.

Of all students receiving aid, those with need received 81 percent of federal aid, 81 percent of State aid, 58 percent of institutional aid, and 59 percent of private aid.

The average cost of attendance at a public four-year college for students with need was \$19,392, and average aid amount was \$9,926. The average aid award was about 51 percent of total cost. The average AGI for students with need was \$43,727. Fifty-four percent of aid went to students with an AGI below \$40,000. Twenty-nine percent went to those with an AGI of \$60,000 or higher. The majority (79 percent) of aid recipients with need received a loan, with an average loan amount of \$7,475.

Seventy-three percent of aid recipients with need had unmet need. The average unmet need was \$7,746. Students who did not get a loan had a higher average unmet need than those who did (\$9,477 vs. \$7,170).

### **Aid Recipients who were Maryland Residents at State-Aided Independent Institutions**

Because the data provided by these institutions contain only Maryland residents who received State aid (16 percent of all aid recipients at these campuses), it is not likely representative of all aid recipients at independent institutions.

Eighty-nine percent of Maryland resident aid recipients who received state aid and attended state-aided independent institutions demonstrated financial need, according to the federal formula. Five percent had no need. For another 6 percent of aid recipients, need could not be determined.

About 90 percent of all aid distributed went to those with financial need. Of aid recipients with need, three-quarters were women. Two-thirds were white; 24 percent, African American.

The average cost of attendance of a Maryland independent college or university for students with need was \$28,482 and average aid amount was \$19,422. The average aid award was about 68 percent of total cost. Their average AGI was \$52,725. Thirty-eight percent of aid went to students with an AGI below \$40,000. Forty percent went to those with an AGI of \$60,000 or higher. Three-quarters of aid recipients with need received a loan as part of their aid package, with an average loan amount of \$8,381.

Sixty-one percent of aid recipients with need had unmet need. The average unmet need was \$8,337. Students who did not get a loan had a higher average unmet need than those who did (\$12,354 vs. \$6,436).

## Introduction

The *2004 Maryland State Plan for Postsecondary Education* is based on several guiding principles. The following one was deemed as the most fundamental: “All Maryland residents who can benefit from postsecondary education and desire to attend a college, university or private career school should have a place in postsecondary education and it should be affordable.” Financial aid is central to the State’s efforts to ensure access and reduce financial barriers to postsecondary education, especially for students from low- and moderate income backgrounds. Funding for State need-based aid in Maryland has nearly doubled since FY 2004; over 12,000 additional students are expected to receive awards through these programs in the current fiscal year.

Recent research suggests that paying for college poses a serious challenge for millions of Americans. An analysis by Postsecondary Education Opportunity concluded that undergraduates in the United States had nearly \$32 billion in unmet financial need in 2003-2004 – the gap between college costs and the ability to pay even after factoring in student aid. The difference was greatest for students from low and middle-income backgrounds. The unmet need of students from households with an annual income of \$62,240 or less was \$3,600 – compared to \$4,689 for those from families which earned \$34,288 or below. The statistics suggested that unmet need was greatest for those students with the most modest financial means. A 2006 study by the Southern Regional Education Board reached a similar conclusion: many students at public four-year colleges and universities were found to be unable to cover the cost of college attendance even with the aid they received. The gap was most severe for students from lower-income families. Although its methodology has been controversial, the *State-by State Report Card for Higher Education* has given most states an increasingly low grade in the area of affordability.

This report presents information relevant to the issue of affordability of Maryland’s colleges and universities and particularly whether the financial needs of low and moderate income students are being adequately addressed. Using data from the Maryland Higher Education Commission’s Financial Aid Information System for the 2004-2005 academic year, it examines the extent to which aid recipients face a gap between their ability to pay for college and the cost of attending and the degree to which there are variations among students from high, middle and low income backgrounds who are attending different types of postsecondary institutions. It seeks to determine the percentage of students who are not having their financial need met. The study also looks at those students who have enough money to pay for college but are receiving financial aid anyway. The report contains data for all aid recipients attending Maryland two- and four-year public colleges and universities; figures for Maryland state-aided independent colleges and universities reflect Maryland residents who attained student financial assistance from the State.

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### **Study Parameters**

Only students who received undergraduate aid during academic year 2004-05 were included in the analysis. Those who received both undergraduate and graduate aid during the academic year were intentionally excluded (n = 214).

Also, in the FAIS data file, a student who received aid from more than one institution during academic year 2004-05 was randomly selected from one of the institutions and counted only once to obtain statewide student totals. This random selection process impacted 2,900 students.

### **Types of Financial Aid**

There are five basic types of financial aid to undergraduates (a detailed classification of specific aid award programs in Maryland is presented in the Appendix):

**Grants** do not have to be paid back and are usually based on financial need.

**Scholarships** do not have to be paid back and are usually given to students who are recognized for academic achievement, athletic ability, or other talents.

**Loans** must be paid back with interest. Federal funds provide most of the money used in making educational loans. This report examines only educational loans processed through college financial aid offices (for example, loans processed through banks would not be included).

**Work-study** is part-time employment during the school year, usually at an on-campus job. Work study differs from other forms of part-time employment because it is not counted as income in the federal determination of expected family contribution and therefore is a form of financial aid.

**Tuition Remission** aid is a type of institutional aid that offers tuition remission to college employees, their children, or spouses, as part of employee benefits programs.

### **Definitions**

The following are definitions of terms that are used in this report:

#### **Adjusted Gross Income (AGI)**

AGI is taken from taxpayers' federal tax returns. It is the only income data available in the FAIS database and is used to represent family income. In this report, AGI is used as a proxy for a student's ability to pay for college. It provides a descriptive profile of the financial aid students received by income range that is easily understood.

#### **Cost of Attendance (COA)**

COA is calculated by each institution for each student. Some of the variables in the formula include tuition, fees, books, supplies, room and board, program of study, part-



time vs. full-time status, commuting costs, dependency status and whether the student is living with parents or on their own in an off-campus residence.

### **Expected Family Contribution (EFC)**

EFC represents the federally determined portion of college expenses that the student or family can contribute to college costs. EFC is calculated by the federal government for students who applied for financial aid via the FAFSA. The calculation includes data from the family's federal tax returns and other information such as their assets, liabilities, and number of children in college.

### **Financial Need**

If the difference between a student's cost of college attendance and the federal expected family contribution is greater than zero, the aid applicant is deemed to have financial need. If the difference is less than or equal to zero, the aid applicant is deemed to have no financial need. The equation to determine need follows a two-step process:

Step 1. (Cost of Attendance) less (Expected Family Contribution) = X

Step 2. If  $X \leq 0$ , the student has no need. If  $x > 0$ , the student has need (of amount X).

The concept of financial need could not be applied to all students receiving aid in 2004-05 because certain required data elements were missing for some students. Financial need could not be determined for 20,123 aid recipients (17 percent of the undergraduate aid recipients from public campuses). Most did not apply for financial aid via the FAFSA and were not required to supply financial data.

### **Unmet need**

A figure for unmet need was calculated for each individual student using a two-step process:

Step 1. (Cost of Attendance) less (Expected Family Contribution) less (Total Financial Aid Award) = Remaining Cost to Student

Step 2. If Remaining Cost to Student  $\leq 0$ , all need has been met.  
If Remaining Cost to Student  $> 0$ , the student has unmet need

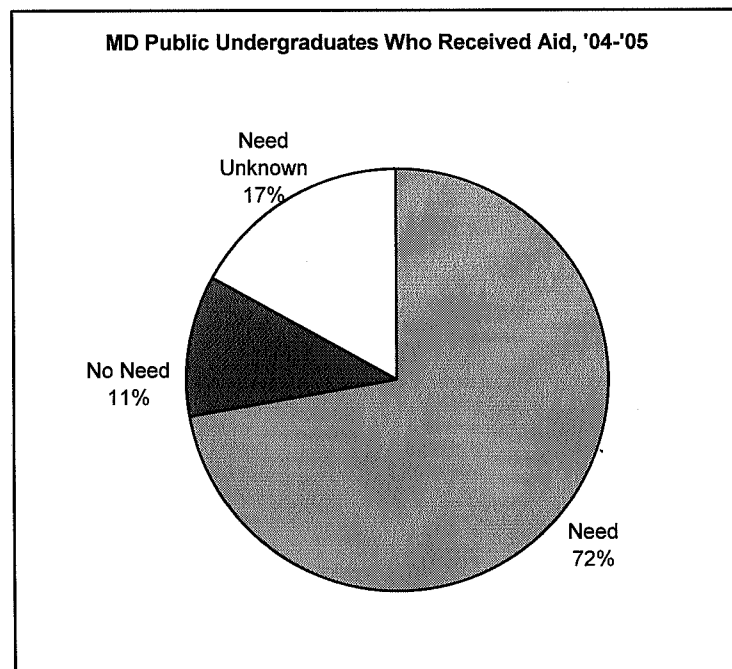
**Public Colleges and Universities:  
Undergraduate Aid Recipients**

In academic year 2004-05, a total of 119,266 undergraduates enrolled at Maryland's two- and four-year public institutions received approximately \$750 million in financial aid.

\* Most (81 percent) of the aid was awarded to those enrolled at the State's public four-year colleges and universities. Nineteen percent went to community college students.

Aid Recipients Enrolled at MD Public Colleges, 2004-05				
	Av Aid Award	N	Total Aid \$	% of Total Aid
2-yr	\$2,689	53,558	\$144,030,526	19.2%
4-yr	\$9,219	65,708	\$605,741,146	80.8%
Total	\$6,287	119,266	\$749,771,672	100.0%

Seventy-two percent of all aid recipients (86,346 students) were designated as having financial need according to the federal formula. Eleven percent had no need. For 17 percent of aid recipients, need could not be determined.



Financial aid totaling almost \$580 million went to Maryland public students with need, about 77 percent of all aid distributed. Approximately \$86 million (12 percent) went to those without need. An additional \$84 million (11 percent) went to those for whom need was not known. This report's discussion of aid to students in terms of financial need takes into account only students for whom financial need was able to be calculated. **Those with unknown need are not discussed.**

Sources of financial aid include the federal government, the State government, higher education institutions (colleges and universities), and private funds. Of federal aid to

Maryland public college students, 84 percent went to students with need. Of State aid, 82 percent went to students with need. Of institutional aid, 57 percent went to students with need. Of private aid, 58 percent went to students with need.

Need Status of Aid to Maryland Public College Students by Source				
Source	Aid to Students with Need	Aid to Students with No Need	Aid to Students-Need Unknown	Total
Federal Aid	\$422,839,268	\$63,517,682	\$17,537,115	\$503,894,065
% of Federal Aid	83.9%	12.6%	3.5%	100.0%
State Aid	\$51,371,869	\$4,119,265	\$7,381,776	\$62,872,910
% of State Aid	81.7%	6.6%	11.7%	100.0%
Institutional Aid	\$59,648,858	\$9,096,349	\$35,351,370	\$104,096,577
% of Institutional Aid	57.3%	8.7%	34.0%	100.0%
Private Aid	\$46,031,211	\$9,319,624	\$23,557,285	\$78,908,120
% of Private Aid	58.3%	11.8%	29.9%	100.0%
Total	\$579,891,208	\$86,052,920	\$83,827,543	\$749,771,672

## Community Colleges

In academic year 2004-05, 53,558 students enrolled at Maryland's community colleges received a total of \$144 million in financial aid. The typical community college aid recipient was a white or African American woman who was financially independent of her parents, lived off-campus, and was enrolled part-time. Her average cost of attendance was \$10,461; average expected family contribution, \$2,681; average adjusted gross income, \$29,366. Her average aid award was \$2,689.

Over three-quarters (40,609, or 76 percent) of community college aid recipients were defined as having need. Their average aid amount was \$3,101. Most (79 percent) did not receive a loan. In contrast, aid recipients with no need received a lower average aid award (\$2,473) and the majority (65 percent) received a loan.

Community College Aid Recipients: Need vs. No-Need					
	N	Av EFC	Av AGI	Av Aid	% with Loan
Need	40,609	\$1,474	\$24,564	\$3,101	21.0%
No Need	3,406	\$17,066	\$83,915	\$2,473	65.0%

Of federal aid to Maryland community college students, 93 percent went to students with need. Of State aid, 88 percent went to students with need. Of institutional aid, 56 percent went to students with need. Of private aid, 55 percent went to students with need.

Need Status of Aid to Maryland Community College Students by Source				
Source	Aid to Students with Need	Aid to Students with No Need	Aid to Students-Need Unknown	Total
Federal Aid	\$107,829,736	\$6,667,371	\$1,724,026	\$116,221,133
% of Federal Aid	92.8%	5.7%	1.5%	100.0%
State Aid	\$7,262,622	\$401,328	\$624,489	\$8,288,439
% of State Aid	87.6%	4.8%	7.5%	100.0%
Institutional Aid	\$8,009,442	\$868,079	\$5,508,783	\$14,386,304
% of Institutional Aid	55.7%	6.0%	38.3%	100.0%
Private Aid	\$2,821,565	\$486,742	\$1,826,343	\$5,134,650
% of Private Aid	55.0%	9.5%	35.6%	100.0%
Total	\$125,923,367	\$8,423,520	\$9,683,638	\$144,030,526

## Public Four-Year Colleges and Universities

In academic year 2004-05, 65,708 students enrolled at Maryland's public four-year colleges and universities received a total of \$606 million in financial aid. The typical public four-year college aid recipient was a white woman who was financially dependent on her parents, lived on-campus, and was enrolled full-time. Her average cost of attendance was \$18,771; average expected family contribution, \$9,569; average adjusted gross income, \$57,638. Her average aid award was \$9,219.

Seventy percent (45,737) of public four-year college aid recipients were defined as having need. Their average aid amount was \$9,926. Over three-quarters (79 percent) received a loan. In contrast, aid recipients with no need got a lower average aid award (\$8,266). Only a slightly lower proportion received a loan (76 percent), however.

Public Four-Year College Aid Recipients: Need vs. No-Need					
	N	Av EFC	Av AGI	Av Aid	% with Loan
Need	45,737	\$5,199	\$43,727	\$9,926	79.0%
No Need	9,391	\$30,852	\$123,867	\$8,266	76.0%

Of federal aid to Maryland public four-year college students, 81 percent went to students with need. Of State aid, 81 percent went to students with need. Of institutional aid, 58 percent went to students with need. Of private aid, 59 percent went to students with need.

Need Status of Aid to Maryland Community College Students by Source				
Source	Aid to Students with Need	Aid to Students with No Need	Aid to Students-Need Unknown	Total
Federal Aid	\$315,009,532	\$56,850,311	\$15,813,089	\$387,672,932
% of Federal Aid	81.3%	14.7%	4.1%	100.0%
State Aid	\$44,109,247	\$3,717,937	\$6,757,287	\$54,584,471
% of State Aid	80.8%	6.8%	12.4%	100.0%
Institutional Aid	\$51,639,416	\$8,228,270	\$29,842,587	\$89,710,273
% of Institutional Aid	57.6%	9.2%	33.3%	100.0%
Private Aid	\$43,209,646	\$8,832,882	\$21,730,942	\$73,773,470
% of Private Aid	58.6%	12.0%	29.5%	100.0%
Total	\$453,967,843	\$77,629,400	\$74,143,902	\$605,741,146

**Public Colleges and Universities:  
Undergraduate Aid Recipients with Need**

A total of 86,346 public college students receiving financial aid in 2004-05 had financial need. Students with need represented 72 percent of all aid recipients that year. Of those students with need, 47 percent were enrolled at community colleges, while 53 percent attended public four-year colleges and universities. Two-thirds were women and one-third, men. Forty-four percent were African American; 38 percent, white.

Men	28,699	33%
Women	57,647	67%
African American	38,187	44%
Asian	5,177	6%
Hispanic	3,426	4%
White	32,746	38%
Other	6,810	8%
Total	86,346	100%

About equal proportions were financially dependent and independent of their parents. The majority lived off-campus and not with their parents. The average expected family contribution (EFC) of students with need was \$3,447; average cost of attendance, \$15,512; and average aid amount, \$6,803. The average adjusted gross income (AGI) was \$34,900. Over 60 percent of total aid to students with need went to those with adjusted gross incomes (AGI) below \$40,000. Students with AGI of \$15,000 and below received 28 percent.

AGI	Av. Aid	N	Total Aid \$	% of Total Aid \$
0 thru 15000	\$6,388	24,991	\$159,654,141	28.3%
15001 thru 39999	\$5,915	31,357	\$185,484,499	32.9%
40000 thru 59999	\$6,993	12,205	\$85,351,374	15.1%
60000 and over	\$9,293	14,392	\$133,745,725	23.7%
* Total	\$6,803	82,945	\$564,235,739	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

### **Loans**

Over half (51 percent) of Maryland public college aid recipients with need received a financial aid package that included a loan. The average loan amount was \$6,740 for the year. Students from the highest income group (AGI of \$60,000 or more) had the highest average loans (\$8,479). Students with an AGI of \$15,000 or under had loans for the year averaging \$6,089.



Loans to Public College Aid Recipients, by AGI		
AGI	Av Loan	N
0 thru 15000	\$6,089	9,985
15001 thru 39999	\$5,945	14,195
40000 thru 59999	\$6,407	8,123
60000 and over	\$8,479	11,793
* Total	\$6,740	44,096

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

The total aid award for those with a loan was almost three times higher than that for students with no loans (\$9,782 vs. \$3,428 in aid). The students who received loans had a higher AGI than the students who received no loans (\$43,050 vs. \$38,849).

### ***Unmet Need***

As discussed in the introduction, a figure for unmet need was derived for each individual student using a two-step process:

Step 1. (Cost of Attendance) less (Expected Family Contribution) less (Total Financial Aid Award) = Remaining Cost to Student

Step 2. If Remaining Cost to Student  $\leq 0$ , all need has been met.  
If Remaining Cost to Student  $> 0$ , the student has unmet need.

Example: Tanika was a full-time undergraduate at a Maryland public four-year university in 2004-05. Her cost of attendance was \$18,822. Her expected family contribution was \$2,268. Her financial need was \$16,554. Her total aid award was \$7,700. Applying the formula, Tanika's remaining cost was \$8,854 ( $\$18,822 - \$2,268 - \$7,700 = \$8,854$ ). Greater than zero, Tanika had an unmet need of \$8,854. This is the amount that Tanika and her family still had to come up with in order for her to attend the college of her choice.

Another example: Sean was a part-time student at a Maryland community college in 2004-05. His cost of attendance was \$4,947. His expected family contribution was \$4,757. His total need was \$190. His total aid award was \$600. Applying the formula, Sean's remaining cost was less than zero ( $\$4,947 - \$4,757 - \$600 = \$ - 410$ ). Therefore, Sean had all of his need met—in fact, he was awarded \$410 more than he needed. Sean is an aid recipient whose need was met completely by financial aid.

The value of each variable in the equation is unique to each student. Each student has a unique value for need and unmet need. In this report, discussions of need and unmet need are based on averages of need and unmet need for various subsets of students.

**Using the definitions discussed above, 83 percent of aid recipients at Maryland colleges and universities with need had unmet need. The average unmet need was \$7,415.**

Almost all (95 percent) of the aid recipients who did not receive a loan had unmet need. Of those who received a loan, 71 percent had unmet need. The average unmet need for those awarded a loan was lower than it was for those who had no loans (\$6,670 vs. \$8,007 in unmet need).

Unmet Need of Students who Received Loan vs. those with No Loans			
	N	% with Unmet Need	Av Unmet Need
Total with Need	86,346	82.6%	\$7,415
Received No Loan	41,664	95.3%	\$8,007
Received Loan	44,682	70.7%	\$6,670

***Sources of Aid***

The federal government provided almost three-fourths (73 percent) of all aid to Maryland public students with need. Ten percent came from institutions, 9 percent from the State, and 8 percent from private sources.

## Aid Recipients with Need Enrolled at Community Colleges

### Aid Recipients with Need

In academic year 2004-05, 53,558 students enrolled at Maryland's community colleges received a total of \$144 million in financial aid. Of these students, 44,015 provided sufficient data for financial need to be determined. Of all community college students receiving aid, over three-fourths (40,609, or 76 percent) were designated as having financial need, according to the federal formula. Six percent had no need (the need status of the rest was undetermined).

Of community college students with need, 73 percent were women and almost half (47 percent) were African American.

Community College Aid Recipients with Need: Demographics		
	N	% of total
Men	11,144	27%
Women	29,465	73%
African American	18,972	47%
Asian	1,864	5%
Hispanic	1,774	4%
White	15,475	38%
Other	2,524	6%
Total	40,609	100%

The majority was financially independent of their parents (61 percent). Two-thirds lived off-campus, not with parents. Their average expected family contribution (EFC) was \$1,474; average cost of attendance, \$11,142; average aid amount was \$3,172. The average adjusted gross income (AGI) of community college aid recipients with need was \$24,564. About 86 percent of total aid to those at community colleges with need went to those with AGI below \$40,000. Students with an AGI of \$15,000 and below received 41 percent. Highest average award amounts went to students at the lowest income level.

Aid to Community College Aid Recipients with Need, by AGI				
AGI	Av Aid	N	Total Aid \$	% of Total \$
0 thru 15000	\$3,479	14,171	\$49,303,376	40.7%
15001 thru 39999	\$3,061	17,906	\$54,818,328	45.2%
40000 thru 59999	\$2,716	4,369	\$11,865,856	9.8%
60000 and over	\$2,952	1,760	\$5,195,123	4.3%
* Total	\$3,172	38,206	\$121,182,683	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

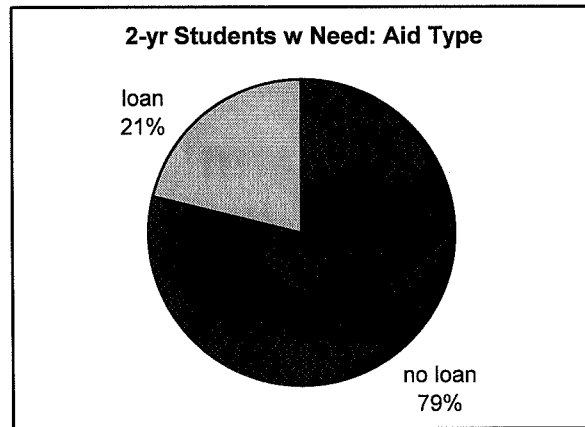
Looking at income and race for community college students with need, aid varied by income but not by race. For example, of aid recipients in the lowest income group (AGI \$0-15,000), 50 percent were African American. And, of the total aid given to these students in the lowest income group, 50 percent went to African Americans. Whites made up 36 percent of the \$15,000 and below AGI group and were awarded 35 percent of the aid that went to all students in that AGI category. In other words, the proportion of aid distributed to students of each race was distributed according to their proportion in each income category. This pattern can be seen in community college students with need in all race categories at every level of income, suggesting that students with need received aid on the basis of income.

Aid by Race and AGI to Community College Aid Recipients with Need					
AGI \$0 thru 15,000					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$3,500	7,019	\$24,567,083	49.5%	49.8%
Asian	\$3,717	648	\$2,408,745	4.6%	4.9%
Hispanic	\$3,311	489	\$1,619,202	3.5%	3.3%
White	\$3,453	5,037	\$17,394,626	35.5%	35.3%
Other	\$3,388	978	\$3,313,720	6.9%	6.7%
Total	\$3,479	14,171	\$49,303,376	100.0%	100.0%
AGI \$15001 thru 39999					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$2,939	9,265	\$27,226,961	51.7%	49.7%
Asian	\$3,407	812	\$2,766,735	4.5%	5.0%
Hispanic	\$3,146	896	\$2,818,550	5.0%	5.1%
White	\$3,199	5,888	\$18,838,021	32.9%	34.4%
Other	\$3,032	1,045	\$3,168,061	5.8%	5.8%
Total	\$3,061	17,906	\$54,818,328	100.0%	100.0%
AGI \$40000 thru 59999					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$2,690	1,494	\$4,019,564	34.2%	33.9%
Asian	\$2,512	241	\$605,287	5.5%	5.1%
Hispanic	\$2,456	252	\$618,905	5.8%	5.2%
White	\$2,806	2,130	\$5,977,067	48.8%	50.4%
Other	\$2,560	252	\$645,033	5.8%	5.4%
Total	\$2,716	4,369	\$11,865,856	100.0%	100.0%
AGI \$60000 and over					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$2,945	460	\$1,354,644	26.1%	26.1%
Asian	\$3,172	87	\$275,997	4.9%	5.3%
Hispanic	\$2,162	90	\$194,551	5.1%	3.7%
White	\$2,989	1,019	\$3,045,410	57.9%	58.6%
Other	\$3,120	104	\$324,521	5.9%	6.2%
Total	\$2,952	1,760	\$5,195,123	100.0%	100.0%

\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.

### ***Loans***

The vast majority (79 percent) of community college aid recipients with need got aid packages that did not include loans.



The average aid award was higher for students with loans, compared to those without loans (\$5,556 vs. \$3,101). Average AGI of students with loans was higher than that of those without loans (\$32,738 vs. \$22,270).

### ***Unmet Need***

Ninety-four percent of community college aid recipients with need had unmet need. Virtually all of the students who did not have a loan had remaining unmet need. Seventy-eight percent of the students with loans had unmet need. The average unmet need was \$7,126. The average unmet need was lower for students with loans, compared to those without loans (\$4,795 vs. \$7,620).

Unmet Need of Community College Aid Recipients			
	N	% with Unmet Need	Av Unmet Need
Total with Need	40,609	94.0%	\$7,126
Received No Loan	32,078	97.9%	\$7,620
Received Loan	8,531	78.1%	\$4,795

### ***Sources of Aid***

Over 85 percent of aid to community college students with need came from the federal government. Six percent came from institutions, six percent from the State, and two percent from private sources.

Source of Aid to Community College Students with Need				
	Av Aid	N	Total Aid \$	% of Total aid \$
Federal	\$2,965	36,368	\$107,829,736	85.6%
State	\$757	9,600	\$7,262,622	5.8%
Institution	\$944	8,486	\$8,009,442	6.4%
Private	\$1,488	1,896	\$2,821,565	2.2%
			125,923,365	100.0%

Of federal aid to community college students with need, 42 percent went to those with an AGI of \$15,000 or below. The bulk (87.6 percent) of federal aid went to those with an AGI below \$40,000. Four percent went to those with an AGI of \$60,000 and over.

Over two-thirds of federal aid to these students was grant aid; 29 percent came in the form of loans.

Federal Aid to Community College Students with Need by AGI				
AGI	Av Aid	N	Total Aid \$	% of Federal Aid
0 thru 15000	\$3,246	13,444	\$43,645,486	41.7%
15001 thru 39999	\$2,813	17,050	\$47,959,545	45.9%
40000 thru 59999	\$2,525	3,611	\$9,118,270	8.7%
60000 and over	\$3,116	1,229	\$3,829,501	3.7%
Total	\$2,959	35,334	\$104,552,802	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

Of State aid to community college students with need, 37 percent went to those with an AGI of \$15,000 or below. The majority (82 percent) of State aid went to those with an AGI below \$40,000. Five percent went to those with an AGI of \$60,000 and over. All of the State aid to these students came in the form of grants or scholarships.

State Aid to Community College Students with Need by AGI				
AGI	Av Aid	N	Total Aid \$	% of State Aid
0 thru 15000	\$788	3,303	\$2,603,886	37.1%
15001 thru 39999	\$725	4,296	\$3,116,634	44.4%
40000 thru 59999	\$734	1,312	\$963,624	13.7%
60000 and over	\$817	417	\$340,894	4.9%
Total	\$753	9,328	\$7,025,038	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

Of institutional aid to community college students with need, 35 percent went to those with an AGI of \$15,000 or below. The majority (72 percent) of institutional aid went to those with an AGI below \$40,000. Eleven percent went to those with an AGI of \$60,000

and over. The highest average amount of institutional aid went to students in the top two income categories.

Grants and scholarships made up two-thirds of institutional aid to these students. The other third was tuition remission to students who were community college employees, their children, or spouses, as part of employee benefits programs.

Institutional Aid to Community College Students with Need by AGI				
AGI	Av Aid	N	Total Aid \$	% of Instit. Aid
0 thru 15000	\$915	2,680	\$2,452,412	34.9%
15001 thru 39999	\$922	2,794	\$2,576,515	36.7%
40000 thru 59999	\$1,117	1,112	\$1,242,399	17.7%
60000 and over	\$1,287	586	\$753,970	10.7%
Total	\$980	7,172	\$7,025,296	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

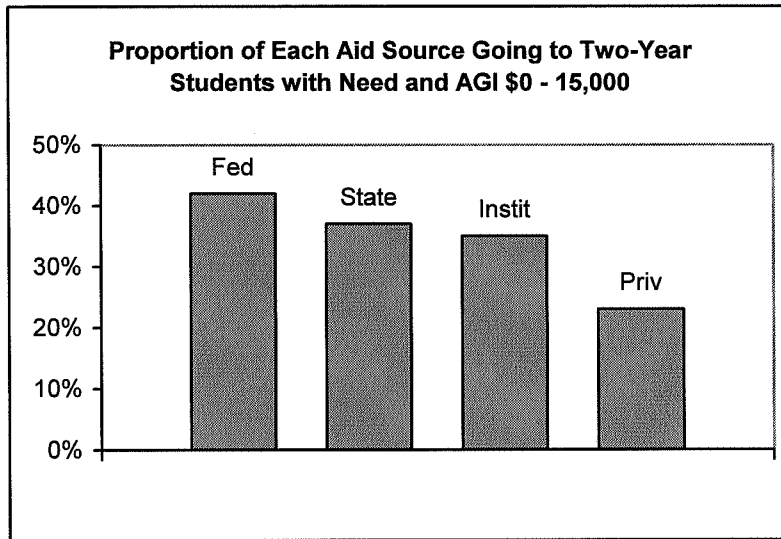
Of private aid to community college students with need, 23 percent went to those with an AGI below \$15,001. The majority (69 percent) of private aid went to those with an AGI below \$40,000. Eleven percent went to those with an AGI of \$60,000 and over.

Ninety percent of private aid to these students was grant or scholarship; ten percent came in the form of loans.

Private Aid to Community College Students with Need by AGI				
AGI	Av Aid	N	Total Aid \$	% of Private Aid
0 thru 15000	\$1,523	395	\$601,592	23.3%
15001 thru 39999	\$1,498	778	\$1,165,634	45.2%
40000 thru 59999	\$1,414	383	\$541,563	21.0%
60000 and over	\$1,504	180	\$270,758	10.5%
Total	\$1,486	1,736	\$2,579,547	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

The following graph shows the proportion of each source of aid going to community college students with the lowest adjusted gross incomes.



### Aid Recipients with Need Who Did Not Receive a Loan

The majority (79 percent) of community college students with need did not receive a loan as part of their aid package. Their average aid award was \$2,514.

The average AGI of community college aid recipients with need who did not receive a loan was \$22,270. Forty-six percent of the aid to students with need who did not receive a loan went to those in the lowest income bracket (AGI below \$15,001). Almost all (92 percent) went to those with an AGI below \$40,000. The highest award amounts went to those with the lowest AGI; as AGI increased, award amounts decreased.

AGI	Av Award	N	Total Aid \$	% of Total Aid \$
0 thru 15000	\$2,841	12,148	\$34,513,892	46.0%
15001 thru 39999	\$2,414	14,363	\$34,672,468	46.2%
40000 thru 59999	\$1,766	2,626	\$4,637,854	6.2%
60000 and over	\$1,679	699	\$1,173,798	1.6%
Total	\$2,514	29,836	\$74,998,012	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*



Virtually all (98 percent) of the community college students with need who did not receive a loan had unmet need. The average unmet need—the remaining amount of total college cost the student still had to pay after taking into account all financial aid-- was \$7,368. Students at the lowest income level had the highest amount of unmet need (\$7,988).

AGI	Av Unmet Need	N
0 thru 15000	\$7,988	12,148
15001 thru 39999	\$7,391	14,363
40000 thru 59999	\$5,567	2,626
60000 and over	\$2,877	699
Total	\$7,368	29,836

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

Just about two percent (639) of students with need who did not receive a loan as part of their aid package had their need met entirely by financial aid. Most (62 percent) were in the under-\$40,000 AGI bracket. Twenty-one percent had AGI of \$60,000 and above.

AGI	Av Aid	N
0 thru 15000	\$6,398	137
15001 thru 39999	\$4,056	262
40000 thru 59999	\$3,413	108
60000 and over	\$2,469	132
Total	\$4,121	639

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

Over 82 percent of aid to community college students with need who did not receive loans came from the federal government. Eight percent came from institutions, seven percent from the State, and two percent from private sources.

	Av award	N	Total Aid \$	% of Total Aid \$
Federal	\$2,322	27,855	\$64,688,175	82.4%
State	\$734	7,780	\$5,712,646	7.3%
Institutional	\$915	7,098	\$6,495,767	8.3%
Private	\$1,288	1,262	\$1,625,727	2.1%
			\$78,522,315	100.0%

## Aid Recipients with Need Who Received a Loan

Twenty-one percent of community college students with need received a loan as part of their aid package. Their average AGI was \$32,738. Their average aid award was \$5,518. Their average loan amount was \$3,626.

The average AGI of community college aid recipients with need who received a loan was \$32,738. Thirty-two percent of the aid to students with need who received a loan went to those in the lowest income bracket (AGI of \$15,000 or below). About three-quarters went to those with AGI below \$40,000. The highest award amounts went to those with the lowest AGI; as AGI increased, award amounts decreased.

For students in all AGI categories, loans made up over half of the total aid awarded. The highest average loan amounts (\$ 4,021) went to those with the lowest AGI.

AGI	Av Award	Av loan	N	Total Aid \$	% of Aid \$
0 thru 15000	\$7,311	\$4,021	2,023	\$14,789,484	32.0%
15001 thru 39999	\$5,686	\$3,689	3,543	\$20,145,860	43.6%
40000 thru 59999	\$4,147	\$3,230	1,743	\$7,228,002	15.7%
60000 and over	\$3,790	\$3,309	1,061	\$4,021,325	8.7%
* Total	\$5,518	\$3,626	8,370	\$46,184,671	100.0%

*\*This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

Over three-fourths (78 percent) of community college students with need who had loans had unmet need. Their average unmet need was \$ 4,812. Students at the lowest income levels had the highest unmet need.

AGI	Av Unmet Need	N
0 thru 15000	\$5,747	1,823
15001 thru 39999	\$4,931	2,858
40000 thru 59999	\$3,966	1,273
60000 and over	\$3,104	568
* Total	\$4,812	6,522

*\* Note: This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

Almost all (91 percent) aid to community college students with need who received loans came from the federal government. Three percent came from each of the other sources: institutions, the State, and private sources.

Source of Aid to Community College Students with Need Who Received a Loan				
	Av Aid	N	Total Aid \$	% of Total Aid \$
Federal	\$5,067	8,513	\$43,141,561.0	91.0%
State	\$851	1,820	\$1,549,976.0	3.3%
Institutional	\$1,090	1,388	\$1,513,675.0	3.2%
Private	\$1,886	634	\$1,195,838.0	2.5%
			\$47,401,050.0	100.0%

## Public Four-Year Colleges: Undergraduate Aid Recipients with Need

A total of 65,708 undergraduates enrolled at Maryland's public four-year colleges and universities received \$605.7 million in financial aid. Of all public four-year college students receiving aid, 70 percent (45,737) were designated as having financial need, according to the federal formula. Fourteen percent had no need. For 16 percent, need could not be calculated.

Of aid recipients with need, 62 percent were women. African Americans represented 42 percent of the total; 38 percent were white.

	N	% of total
Men	17,555	38%
Women	28,182	62%
African American	19,215	42%
Asian	3,313	7%
Hispanic	1,652	4%
White	17,271	38%
Other	4,286	9%
Total	45,737	100%

The majority was financially dependent of their parents (63 percent). The same proportion lived on and off campus. Their average expected family contribution (EFC) was \$5,199; average cost of attendance, \$19,392; average aid amount was \$9,903. The average AGI of aid recipients with need was \$43,727. The largest percentage (30 percent) of aid dollars went to those with average AGI between \$15,000 and \$40,000. About a quarter of the aid went to those in the lowest income category (\$15,000 or below AGI). Twenty-nine percent went to those with an AGI of \$60,000 and above.

AGI	Av Aid	N	Total Aid \$	% of Total Aid \$
0 thru 15000	\$10,199	10,820	\$110,350,765	24.9%
15001 thru 39999	\$9,714	13,451	\$130,666,171	29.5%
40000 thru 59999	\$9,378	7,836	\$73,485,518	16.6%
60000 and over	\$10,177	12,632	\$128,550,602	29.0%
Total	\$9,903	44,739	\$443,053,056	100%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

Looking at both income and race for public four-year aid recipients with need, aid varied by income but not by race. For example, of aid recipients in the lowest income group (AGI \$15,000 and under), 51.7 percent were African American. And, of the total aid

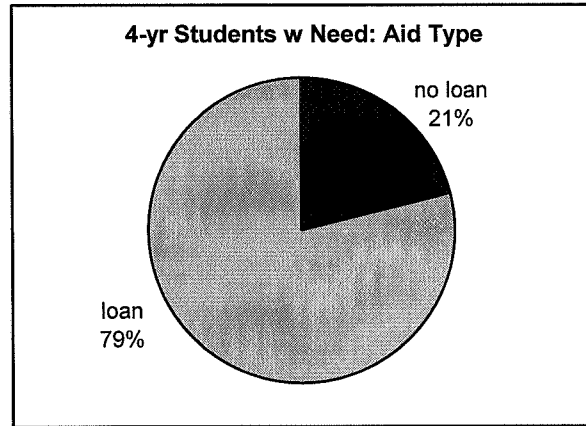
given to these students in the lowest income group, 51.9 percent went to African Americans. Whites made up 25.3 percent of the \$15,000 and under AGI group and were awarded 25.9 percent of the aid that went to all students in that AGI category. In general, the proportion of aid distributed to students of each race was distributed according to their proportion in each income category. This suggests that aid recipients with need received aid on the basis of income.

Aid by Race and AGI to Public Four-Year College Aid Recipients with Need					
AGI \$0 thru 15,000					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$10,228	5,597	\$57,247,023	51.7%	51.9%
Asian	\$10,031	697	\$6,991,369	6.4%	6.3%
Hispanic	\$10,084	294	\$2,964,622	2.7%	2.7%
White	\$10,409	2,741	\$28,531,810	25.3%	25.9%
Other	\$9,803	1,491	\$14,615,941	13.8%	13.2%
Total	\$10,199	10,820	\$110,350,765	100.0%	100.0%
AGI \$15,001 thru 39,999					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$9,899	6,580	\$65,135,519	48.9%	49.8%
Asian	\$9,192	1,179	\$10,837,475	8.8%	8.3%
Hispanic	\$9,254	547	\$5,061,983	4.1%	3.9%
White	\$9,655	3,932	\$37,963,984	29.2%	29.1%
Other	\$9,618	1,213	\$11,667,210	9.0%	8.9%
Total	\$9,714	13,451	\$130,666,171	100.0%	100.0%
AGI \$40,000 thru 59,999					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$9,866	2,990	\$29,497,866	38.2%	40.1%
Asian	\$7,945	650	\$5,164,530	8.3%	7.0%
Hispanic	\$8,729	333	\$2,906,659	4.2%	4.0%
White	\$9,318	3,273	\$30,498,747	41.8%	41.5%
Other	\$9,183	590	\$5,417,716	7.5%	7.4%
Total	\$9,378	7,836	\$73,485,518	100.0%	100.0%
AGI \$60,000 and over					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$10,355	3,150	\$32,619,645	24.9%	25.4%
Asian	\$8,099	773	\$6,260,747	6.1%	4.9%
Hispanic	\$9,661	470	\$4,540,649	3.7%	3.5%
White	\$10,330	7,291	\$75,317,650	57.7%	58.6%
Other	\$10,350	948	\$9,811,911	7.5%	7.6%
Total	\$10,177	12,632	\$128,550,602	100.0%	100.0%

\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.

### ***Loans***

Over three-quarters (79 percent) of public four-year college aid recipients with need had at least one loan as part of their financial aid package. The average loan amount total was \$7,475.



Students with a loan had higher average aid awards than did those without loans (\$10,779 vs. \$6,607). Students who received a loan also had a higher average AGI (\$45,465 vs. \$36,838 for those with no loan).

### ***Unmet Need***

Seventy-three percent of public four-year college aid recipients with need had unmet need. The average unmet need was \$7,746. Of those who received a loan, 69 percent had unmet need, with an average unmet need of \$7,171. In contrast, a higher percentage of those who did not get a loan had unmet need (86 percent). Those without a loan also had a higher average unmet need (\$9,477).

Unmet Need of Aid Recipients at Public 4-yr Institutions			
	N	% with Unmet Need	Av Unmet Need
Total with Need	45,737	72.6%	\$7,746
Recvd No Loan	9,586	86.4%	\$9,477
Recvd Loan	36,151	69.0%	\$7,170

### ***Sources of Aid***

Almost 70 percent of aid to public four-year college students with need came from the federal government. Eleven percent came from institutions, 10 percent from the State, and 10 percent from private sources.

Source of Aid to Public 4-yr College Aid Recipients with Need				
	Av Aid	N	Total Aid \$	% of total Aid \$
Federal	\$7,655	41,150	\$315,009,532	69.4%
State	\$2,543	17,348	\$44,109,247	9.7%
Institutional	\$3,126	16,517	\$51,639,416	11.4%
Private	\$5,424	7,966	\$43,209,646	9.5%
			\$453,967,841	100.0%

Of federal aid to public four-year college students with need, 27 percent went to those with an AGI of \$15,000 and below. Over half (57 percent) of federal aid went to those with an AGI below \$40,000. Twenty-eight percent went to those with an AGI of \$60,000 and over.

Over three-quarters (78 percent) of federal aid to these students was in the form of loans. Twenty-one percent was grant or scholarship; one percent was work study.

Federal Aid to Public 4-yr College Students with Need, by AGI				
AGI	Av Aid	N	Total Aid \$	% Total Aid \$
0 thru 15000	\$8,200	10,018	\$82,144,652	26.5%
15001 thru 39999	\$7,356	12,858	\$94,580,385	30.5%
40000 thru 59999	\$6,849	7,005	\$47,974,466	15.5%
60000 and over	\$7,963	10,748	\$85,585,189	27.6%
Total			\$310,284,692	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

Of State aid to public four-year college students with need, 28 percent went to those with an AGI of \$15,000 or below. Sixty-one percent of State aid went to those with an AGI below \$40,000. Twenty percent went to those with an AGI of \$60,000 and over. The highest average award amounts went to those with the lowest AGI; as AGI increased, average aid declined. Virtually all State aid (98 percent) to these students was grant or scholarship.

State Aid to Public 4-yr College Students with Need, by AGI				
AGI	Av Aid	N	Total Aid \$	% Total Aid \$
0 thru 15000	\$2,624	4,668	\$12,246,752	28.2%
15001 thru 39999	\$2,602	5,511	\$14,340,032	33.0%
40000 thru 59999	\$2,511	3,306	\$8,301,497	19.1%
60000 and over	\$2,349	3,645	\$8,561,283	19.7%
			\$43,449,564	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

Of institutional aid to public four-year college students with need, 20 percent went to those with an AGI of \$15,000 or below. Under half (47 percent) of institutional aid went to those with an AGI below \$40,000. One third went to those with an AGI of \$60,000

and over. The greatest average amount of institutional aid was provided to students in the top two income categories.

Eighty-nine percent of the institutional aid to these students was grant or scholarship. Four percent was work study. Seven percent was tuition remission to students who were public college employees, their children, or spouses, as part of employee benefits programs.

Institutional Aid to Public 4-yr College Students with Need, by AGI				
AGI	Av Aid	N	Total Aid \$	% Total Aid \$
0 thru 15000	\$2,623	3,647	\$9,567,495	20.2%
15001 thru 39999	\$2,594	4,847	\$12,571,008	26.6%
40000 thru 59999	\$3,006	3,212	\$9,656,598	20.4%
60000 and over	\$3,540	4,377	\$15,492,933	32.8%
			\$47,288,034	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

Of private aid to public four-year college students with need, 16 percent went to those with an AGI of \$15,000 or below. Thirty-nine percent of institutional aid went to those with an AGI below \$40,000. The largest amount of the private aid (43 percent) went to those with an AGI of \$60,000 and over.

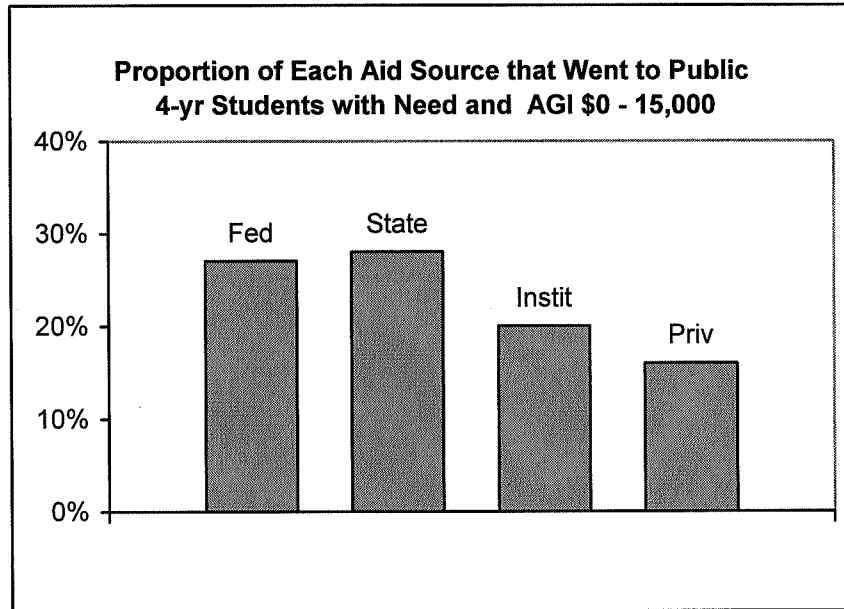
Of all the private aid to these students, 60 percent came in the form of loans. Forty percent were grants or scholarships.

Private Aid to Public 4-yr College Students with Need, by AGI				
AGI	Av Aid	N	Total Aid \$	% Total Aid \$
0 thru 15000	\$3,907	1,790	\$6,993,458	15.7%
15001 thru 39999	\$3,799	2,722	\$10,340,380	23.2%
40000 thru 59999	\$4,460	1,815	\$8,094,520	18.1%
60000 and over	\$6,125	3,132	\$19,181,955	43.0%
			\$44,610,313	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*



The following graph shows the percent of each source of aid to public four-year college students that went to those with the lowest adjusted gross incomes.



### Aid Recipients with Need Who Did Not Receive a Loan

Twenty-one percent of public four-year college aid recipients with need got aid that did not include a loan. Their average aid amount was \$6,531.

The average AGI of public four-year college aid recipients with need who did not receive a loan was \$36,838. Sixty-four percent of the aid to these students went to those with an average AGI below \$40,000. The highest average aid award (\$6,689) went to those at the lowest income levels.

AGI	Av Aid	N	Total Aid \$	% Total Aid \$
0 thru 15000	\$6,689	2,858	\$19,118,545	32.5%
15001 thru 39999	\$6,595	2,799	\$18,460,197	31.4%
40000 thru 59999	\$6,112	1,456	\$8,899,349	15.1%
60000 and over	\$6,519	1,900	\$12,385,427	21.0%
* Total	\$6,531	9,013	\$58,863,518	100.0%

\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.

Most (86 percent) of aid recipients who did not receive a loan had unmet need. Average unmet need for these students was \$9,547. Students in the lowest income categories had the highest average unmet need. For those with an AGI of \$15,000 or under, the average unmet need was \$10,291. For those in the highest income category, unmet need was \$6,848.

Unmet Need of Public 4-yr Aid Recipients w Need w No Loan		
AGI	Av Unmet Need	N
0 thru 15000	\$10,291	2,639
15001 thru 39999	\$10,318	2,616
40000 thru 59999	\$8,952	1,289
60000 and over	\$6,848	1,191
* Total	\$9,547	7,735

\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.

Fourteen percent of aid recipients with need who did not receive a loan had their need met entirely by financial aid. Forty percent were in the under-\$40,000 AGI bracket. Forty-five percent had an AGI of \$60,000 and above. However, the greatest amount of average aid went to students to with an AGI below \$40,000.

Aid to Public 4-Yr College Students with Need Whose Need was Met without a Loan, by AGI				
AGI	Av Aid	N	Total Aid \$	% Total Aid \$
0 thru 15000	\$17,319	219	\$3,792,777	21.7%
15001 thru 39999	\$17,825	183	\$3,262,033	18.7%
40000 thru 59999	\$15,736	167	\$2,627,838	15.1%
60000 and over	\$10,948	709	\$7,762,233	44.5%
* Total	\$13,650	1,278	\$17,444,881	100.0%

\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.

Institutions represented 37 percent of the total aid to students who received no loans. Twenty-seven percent came from the federal government, 24 percent from the State, and 12 percent from private funding.

Source of Aid to Public 4-yr Aid Recipients with Need Who Did Not Receive a Loan				
	Av Award	N	Total Aid \$	% of Total Aid \$
Federal	\$3,242	5,345	\$17,326,207	26.9%
State	\$3,002	5,219	\$15,665,033	24.4%
Institutional	\$4,522	5,217	\$23,591,388	36.7%
Private	\$4,007	1,925	\$7,713,527	12.0%
			\$64,296,155	100.0%

## Aid Recipients with Need Who Received a Loan

The vast majority (79 percent) of public four-year college aid recipients with need received a loan as part of their financial aid. Their average aid amount was \$10,754.

The average AGI of public four-year college aid recipients with need who received a loan was \$45,465. Just over half (53 percent) of aid to these students went to those with an average AGI below \$40,000. Almost one third (30 percent) went to those with an average AGI of \$60,000 and over. The highest average aid award amount (\$11,458) went to those at the lowest income level.

Aid to Public Four-Year College Aid Recipients w Need w Loan				
AGI	Av Aid	N	Total aid \$	% of Total Aid \$
0 thru 15000	\$11,458	7,962	\$91,232,220	23.7%
15001 thru 39999	\$10,534	10,652	\$112,205,974	29.2%
40000 thru 59999	\$10,123	6,380	\$64,586,169	16.8%
60000 and over	\$10,824	10,732	\$116,165,175	30.2%
* Total	\$10,754	35,726	\$384,189,538	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

The average loan was \$ 7,470. The lowest average loan (\$6,614) went to students with an AGI of \$15,000 or below. Those with an AGI of \$60,000 and over received the highest average loan amounts (\$8,990).

Av Loan of Public 4-yr Aid Recipients		
AGI	Av Loan	N
0 thru 15000	\$6,614	7,962
15001 thru 39999	\$6,695	10,652
40000 thru 59999	\$7,275	6,380
60000 and over	\$8,990	10,732
* Total	\$7,470	35,726

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

Average unmet need for these aid recipients with loans was \$7,173. Those in the lowest adjusted gross income categories had the highest unmet need; those in the highest category had the least amount of unmet need.

Unmet Need of Public 4-yr Aid Recipients with Need Who Received a Loan		
AGI	Av Unmet Need	N
0 thru 15000	\$7,262	6,613
15001 thru 39999	\$7,999	8,880
40000 thru 59999	\$7,145	4,551
60000 and over	\$5,443	4,512
* Total	\$7,173	24,556

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

The federal government provided over three-quarters of the aid to students with need who received loans. Nine percent of aid came from private sources. Seven percent came from State and institutional sources each.

Source of Aid to Public 4-yr Aid Recipients with Need who Received a Loan				
	Av aid	N	Total aid \$	% of Total Aid \$
Federal	\$8,314.0	35,805	\$297,683,325.0	76.4%
State	\$2,345.1	12,129	\$28,444,214.0	7.3%
Institutional	\$2,482.1	11,300	\$28,048,028.0	7.2%
Private	\$5,875.9	6,041	\$35,496,119.0	9.1%
			\$389,671,686.0	100.0%

**Public Colleges and Universities:  
Undergraduate Aid Recipients with No Need**

A total of 12,797 aid recipients enrolled at Maryland’s public two-and four-year colleges and universities in 2004-05 did not have financial need, according to the federal formula. As explained in the introduction, if the difference between the student’s cost of college attendance and the federal expected family contribution is less than or equal to zero, the aid applicant is deemed to have no financial need.

Students without need represented 11 percent of all Maryland aid recipients in 2004-05, and they received about 12 percent of all aid distributed that year. Twenty-seven percent were enrolled at community colleges, while 73 percent attended public four-year colleges and universities.

**Community Colleges: No-Need Aid Recipients**

A total of 3,406 aid recipients at community colleges did not have need. Sixty-five percent were women. A majority was white (62 percent), and 28 percent were African American.

No-Need Community College Aid Recipients: Demographics		
Men	1,184	35%
Women	2,222	65%
African American	942	28%
Asian	70	2%
Hispanic	118	4%
White	2,122	62%
Other	154	5%
Total	3,406	100%

Most (70 percent) were financially dependent on their parents and lived with their parents as well. The average expected family contribution (EFC) of “no-need” community college aid recipients was \$17,066; average cost of attendance, \$8,536. Their average aid award was \$2,475.

The average AGI of aid recipients with no need was \$83,915. Only 11 percent of aid to community college students with no need went to those with an average AGI below \$40,000. A quarter went to those with an AGI over \$100,000. The highest average aid awards (\$ 2,671) went to students with an AGI of 40,000 through 59,999.

Aid to Community College Students with No Need				
AGI	Av Aid	N	Total Aid \$	% Total Aid \$
0 thru 15000	\$1,360	39	\$53,035	0.6%
15001 thru 39999	\$2,290	397	\$908,946	10.8%
40000 thru 59999	\$2,671	427	\$1,140,493	13.6%
60000 thru 79999	\$2,503	889	\$2,225,489	26.5%
80000 thru 99999	\$2,478	775	\$1,920,637	22.8%
100000 thru 199999	\$2,488	836	\$2,080,332	24.7%
200000 and over	\$2,308	34	\$78,466	0.9%
* Total	\$2,475	3,397	\$8,407,398	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

Among community college aid recipients without need, there was little difference between the ethnic breakdown of students in each income group and the distribution of aid to students on the basis of race. It can be concluded, therefore, that aid varied by income, not by race.

Aid by Race and AGI to No-Need Community College Students					
0 thru 15000					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$1,426	16	\$22,817	41.0%	43.0%
Asian	\$300	2	\$600	5.1%	1.1%
White	\$1,410	21	\$29,618	53.8%	55.8%
Total	\$1,360	39	\$53,035	100.0%	100.0%
15001 thru 39999					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$2,470	196	\$484,217	49.4%	53.3%
Asian	\$1,347	10	\$13,474	2.5%	1.5%
Hispanic	\$1,004	16	\$16,067	4.0%	1.8%
White	\$2,178	164	\$357,218	41.3%	39.3%
Other	\$3,452	11	\$37,970	2.8%	4.2%
Total	\$2,290	397	\$908,946	100.0%	100.0%
40000 thru 59999					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$2,852	119	\$339,431	27.9%	29.8%
Asian	\$2,177	10	\$21,766	2.3%	1.9%
Hispanic	\$1,923	18	\$34,611	4.2%	3.0%
White	\$2,646	261	\$690,488	61.1%	60.5%
Other	\$2,852	19	\$54,197	4.4%	4.8%
Total	\$2,671	427	\$1,140,493	100.0%	100.0%
60000 and over					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$2,698	609	\$1,643,268	24.0%	26.1%
Asian	\$2,405	47	\$113,013	1.9%	1.8%
Hispanic	\$2,554	83	\$212,019	3.3%	3.4%
White	\$2,387	1671	\$3,987,970	65.9%	63.3%
Other	\$2,812	124	\$348,654	4.9%	5.5%
Total	\$2,488	2534	\$6,304,924	100.0%	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

### **Loans**

Sixty-five percent of aid recipients with no need got aid that included a loan (2,202 students). Average AGI was \$86,935 and average aid award totaled \$3,112. Average loan amount was \$1,806.

Compared to those with loans, the minority of no-need aid recipients who did not get a loan had a lower average AGI and also a lower total aid award (\$1,305).



### ***Sources of Aid***

The federal government provided 79 percent of all aid to community college students without need. Ten percent came from institutions, 6 percent from private sources, and 5 percent from the State.

Sources of Aid to No-Need Community College Students				
	Av Aid	N	Total Aid \$	% of Total Aid \$
Federal	\$2,846	2,343	\$6,667,371	79.2%
State	\$843	476	\$401,328	4.8%
Institutional	\$1,141	761	\$868,079	10.3%
Private	\$1,326	367	\$486,742	5.8%
			\$8,423,520	100.0%

Of federal aid to no-need community college students, 13 percent went to those with an AGI below \$40,000. A quarter went to those with an AGI of \$100,000 and over, and nearly half (47 percent) were received by those with an AGI of at least \$80,000. The highest average aid award (\$3,183) went to those with an AGI of \$40,000 through 59,999.

Almost all federal aid (96 percent) to no-need community college students was in the form of loans. Four percent were grants and scholarships.

Federal Aid to No-Need Community College Students				
AGI	Av Aid	N	Total Aid \$	% of Total Aid \$
0 thru 15000	\$1,853	21	\$38,923	0.6%
15001 thru 39999	\$2,685	297	\$797,476	12.0%
40000 thru 59999	\$3,183	295	\$938,955	14.1%
60000 thru 79999	\$2,833	609	\$1,725,097	25.9%
80000 thru 99999	\$2,803	525	\$1,471,687	22.1%
100000 thru 199999	\$2,867	565	\$1,620,011	24.3%
200000 and over	\$2,584	26	\$67,188	1.0%
Total	\$2,848	2,338	\$6,659,337	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

Of State aid to no-need community college students, eight percent went to those with an AGI below \$40,000. A quarter went to those with an AGI of \$100,000 and over. Half went to those whose AGI was at least \$80,000. Regardless of the income category, the average amount of State aid to this group of students was less than \$1,000. All State aid to these students was in the form of grants or scholarships.

State Aid to No-Need Community College Students				
AGI	Av Aid	N	Total Aid \$	% of Total Aid \$
0 thru 15000	\$595	5	\$2,975	0.7%
15001 thru 39999	\$669	43	\$28,762	7.2%
40000 thru 59999	\$840	59	\$49,571	12.5%
60000 thru 79999	\$990	119	\$117,834	29.6%
80000 thru 99999	\$790	128	\$101,160	25.4%
100000 thru 199999	\$821	118	\$96,826	24.3%
200000 and over	\$450	2	\$900	0.2%
Total	\$840	474	\$398,028	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

Of institutional aid to no-need community college students, seven percent went to those with an AGI below \$40,000. Twenty-six percent went to those with an AGI of \$100,000 and over. A majority (53 percent) went to those whose AGI was \$80,000 or more. The greatest amount of average institutional aid (\$1,730) was awarded to students whose AGI was \$200,000 or above.

Grants and scholarships made up almost a quarter (74 percent) of institutional aid to these students. Eight percent was work study; 18 percent was tuition remission to students who were community college employees, their children, or spouses, as part of employee benefits programs.

Institutional Aid to No-Need Community College Students				
AGI	Av Aid	N	Total Aid \$	% of Total Aid \$
0 thru 15000	\$661	13	\$8,587	1.0%
15001 thru 39999	\$752	72	\$54,112	6.3%
40000 thru 59999	\$946	97	\$91,747	10.6%
60000 thru 79999	\$1,247	200	\$249,433	28.9%
80000 thru 99999	\$1,296	180	\$233,295	27.0%
100000 thru 199999	\$1,154	187	\$215,739	25.0%
200000 and over	\$1,730	6	\$10,378	1.2%
Total	\$1,143	755	\$863,291	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

Of private aid to no-need community college students, six percent went to those with an AGI below \$40,000. Thirty percent went to those with AGI of \$100,000 and over. and 54 percent to those with an AGI of \$80,000 or more. The largest amount of private aid (\$1,970) was received by students whose AGI was at least \$100,000.

Eighty-three percent of private aid to these students was awarded as grants and scholarships; 17 percent was in the form of loans.

Private Aid to No-Need Community College Aid Students				
AGI	Av Aid	N	Total Aid \$	% of Total Aid \$
0 thru 15000	\$364	7	\$2,550	0.5%
15001 thru 39999	\$773	37	\$28,596	5.9%
40000 thru 59999	\$1,158	52	\$60,220	12.4%
60000 thru 79999	\$1,233	108	\$133,125	27.4%
80000 thru 99999	\$1,301	88	\$114,495	23.5%
100000 and over	\$1,970	75	\$147,756	30.4%
Total	\$1,326	367	\$486,742	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

### **Public Four-Year Colleges and Universities: No-Need Aid Recipients**

A total of 9,391 aid recipients at public four-year colleges did not have need. Fifty-five percent were women. A majority was white (65 percent). Twenty-one percent were African American.

No-Need Public 4-yr College Aid Recipients: Demographics		
Men	4,186	45%
Women	5,205	55%
African American	2,013	21%
Asian	366	4%
Hispanic	239	3%
White	6,056	65%
Other	717	7%
Total	9,391	100%

Most (92 percent) were financially dependent on their parents. They were enrolled full-time and lived on-campus. The average expected family contribution (EFC) of no-need public four-year college aid recipients was \$30,852; average cost of attendance, \$17,570. Their average aid award was \$8,270.

The average AGI of aid recipients with no need was \$123,867. Just five percent of aid to those with no need went to students with an average AGI below \$40,000. Seventy-two percent went to those with an AGI of \$100,000 or more. The highest average aid awards (\$9,184) went to students with an AGI of \$200,000 and over.

Aid to No-Need Public 4-yr College Aid Recipients, by AGI				
AGI	Av Aid	N	Total Aid \$	% of Total Aid \$
0 thru 15000	\$7,299	364	\$2,656,888	3.4%
15001 thru 39999	\$5,809	183	\$1,062,979	1.4%
40000 thru 59999	\$6,121	265	\$1,622,065	2.1%
60000 thru 79999	\$6,335	700	\$4,434,725	5.7%
80000 thru 99999	\$7,580	1,602	\$12,143,613	15.7%
100000 thru 199999	\$8,844	5,580	\$49,348,414	63.6%
200000 and over	\$9,184	686	\$6,300,117	8.1%
* Total	\$8,270	9,380	\$77,568,801	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

With respect to public aid recipients without need, there was little difference between the ethnic breakdown of students in each income group and the distribution of aid to students on the basis of race. Hence, it can be concluded that aid varied by income rather than by race.

Aid by Race and AGI to No-Need Public 4-yr College Students					
AGI 0 thru 15000					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$7,508	201	\$1,509,152	55.2%	56.8%
Asian	\$5,847	5	\$29,234	1.4%	1.1%
Hispanic	\$12,768	5	\$63,839	1.4%	2.4%
White	\$6,736	44	\$296,372	12.1%	11.2%
Other	\$6,957	109	\$758,291	29.9%	28.5%
Total	\$7,299	364	\$2,656,888	100.0%	100.0%
15001 thru 39999					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$5,541	77	\$426,653	42.1%	40.1%
Asian	\$7,821	13	\$101,676	7.1%	9.6%
Hispanic	\$7,879	8	\$63,034	4.4%	5.9%
White	\$5,565	73	\$406,231	39.9%	38.2%
Other	\$5,449	12	\$65,385	6.6%	6.2%
Total	\$5,809	183	\$1,062,979	100.0%	100.0%
40000 thru 59999					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$6,462	74	\$478,190	27.9%	29.5%
Asian	\$5,852	5	\$29,260	1.9%	1.8%
Hispanic	\$7,388	10	\$73,880	3.8%	4.6%
White	\$6,036	157	\$947,578	59.2%	58.4%
Other	\$4,903	19	\$93,157	7.2%	5.7%
Total	\$6,121	265	\$1,622,065	100.0%	100.0%
60000 and over					
	Av Aid	N	Total Aid \$	% of Students	% of Aid
African American	\$8,888	1654	\$14,701,548	19.3%	20.4%
Asian	\$7,753	342	\$2,651,532	4.0%	3.7%
Hispanic	\$8,090	216	\$1,747,529	2.5%	2.4%
White	\$8,332	5779	\$48,150,043	67.4%	66.7%
Other	\$8,624	577	\$4,976,217	6.7%	6.9%
Total	\$8,430	8568	\$72,226,869	100.0%	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

### **Loans**

The vast majority (80 percent) of public four-year college aid recipients with no need got aid that included a loan (7,533 students). Average AGI was \$123,788 and average aid award totaled \$9,018. Average loan amount was \$5,857.

Those who did not get a loan had about the same average AGI, but their total average aid award was much lower (\$5,217).

### ***Sources of Aid***

The federal government provided 73 percent of all aid to public four-year college students without need. Eleven percent came from institutions, 11 percent from private sources, and 5 percent from the State.

Source of Aid to No-Need Public 4-yr College Students				
	Av Aid	N	Total Aid \$	% of Total Aid \$
Federal	\$7,594	7486	\$56,850,311	73.2%
State	\$2,170	1713	\$3,717,937	4.8%
Institutional	\$3,964	2076	\$8,228,270	10.6%
Private	\$4,924	1794	\$8,832,882	11.4%
			\$77,629,400	100.0%

Of federal aid to no-need public four-year college students, five percent went to those with AGI below \$40,000. More than 70 percent went to students with an AGI of \$100,000 or more. The highest average aid award (\$8,721) went to those with an AGI of \$200,000 and over. Virtually all (99 percent) of the federal aid to these students was in the form of loans.

Federal Aid to No-Need Public 4-yr College Students, by AGI				
AGI	Av Aid	N	Total Aid \$	% of Total Aid \$
0 thru 15000	\$7,311	267	\$1,951,940	3.4%
15001 thru 39999	\$5,525	156	\$861,852	1.5%
40000 thru 59999	\$6,028	222	\$1,338,291	2.4%
60000 thru 79999	\$5,923	550	\$3,257,570	5.7%
80000 thru 99999	\$6,876	1,309	\$9,000,102	15.8%
100000 thru 199999	\$8,046	4,445	\$35,764,030	62.9%
200000 and over	\$8,721	533	\$4,648,401	8.2%
Total	\$7,595	7,482	\$56,822,186	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

Of State aid to no-need public four-year college students, 6 percent went to those with an AGI below \$60,000. More than two thirds (68 percent) went to those with an AGI of \$100,000 or more . The highest average aid award (\$2,868) went to those with an AGI of \$200,000 and over. All State aid to these students was in the form of grants and scholarships.

State Aid to No-Need Public 4-yr College Students, by AGI				
AGI	Av Aid	N	Total Aid \$	% of Total Aid \$
0 thru 15000	\$1,683	60	\$101,004	2.7%
15001 thru 39999	\$2,136	26	\$55,546	1.5%
40000 thru 59999	\$1,428	50	\$71,403	1.9%
60000 thru 79999	\$1,982	137	\$271,545	7.3%
80000 thru 99999	\$2,002	353	\$706,605	19.0%
100000 thru 199999	\$2,268	1,004	\$2,277,008	61.4%
200000 and over	\$2,868	79	\$226,576	6.1%
Total	\$2,171	1,709	\$3,709,687	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

Of institutional aid to no-need public four-year college students, 8 percent went to those with an AGI below \$60,000. More than 70 percent went to those with an AGI of \$100,000 or more. The highest average aid award (\$4,233) went to those with AGI of \$200,000 and over.

Grants and scholarships made up eighty-eight percent of institutional aid to these students. Three percent was work-study. Nine percent was tuition remission to students who were public college employees, their children, or spouses, as part of employee benefits programs.

Institutional Aid to No-Need Public 4-yr College Students, by AGI				
AGI	Av Aid	N	Total Aid \$	% of Total Aid \$
0 thru 15000	\$3,365	132	\$444,147	5.4%
15001 thru 39999	\$3,093	30	\$92,788	1.1%
40000 thru 59999	\$1,925	47	\$90,472	1.1%
60000 thru 79999	\$3,088	148	\$456,999	5.6%
80000 thru 99999	\$3,868	323	\$1,249,355	15.2%
100000 thru 199999	\$4,221	1,235	\$5,212,506	63.4%
200000 and over	\$4,233	160	\$677,279	8.2%
Total	\$3,963	2,075	\$8,223,546	100.0%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

Of private aid to no-need public four-year college students, 8 percent went to those with an AGI below \$80,000. More than three-quarters (78 percent) went to those with AGI of \$100,000 or more. The highest amounts of average aid went to the two top income groups.

Sixty percent of private aid to these students was in the form of loans; forty percent was grants and scholarships.

Private Aid to No-Need Public 4-yr College Students, by AGI				
AGI	Av Aid	N	Total Aid \$	% of Total Aid \$
0 thru 15000	\$4,097	39	\$159,797	1.8%
15001 thru 39999	\$3,771	14	\$52,793	0.6%
40000 thru 59999	\$2,973	41	\$121,899	1.4%
60000 thru 79999	\$3,738	120	\$448,611	5.1%
80000 thru 99999	\$4,067	292	\$1,187,551	13.5%
100000 thru 199999	\$5,342	1,141	\$6,094,870	69.2%
200000 and over	\$5,230	143	\$747,861	8.5%
Total	\$4,924	1,790	\$8,813,382	100.0%

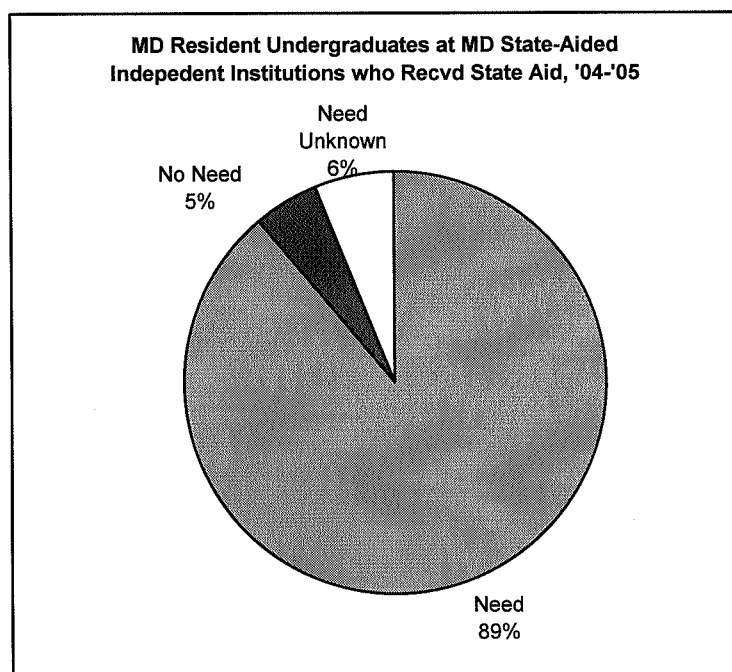
*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*



**State-Aided Independent Colleges and Universities:  
Maryland Resident Undergraduate Aid Recipients  
Who Received State Aid**

In 2004-05, there were 4,044 Maryland resident undergraduates at Maryland's state-aided independent colleges and universities who received State financial assistance; these students received approximately \$78 million in financial aid. Because the data set contains only Maryland residents who received State aid (a small subset—only 16 percent—of total aid recipients at Maryland independent institutions), it is not likely representative of all aid recipients at independent institutions. Therefore, figures from the independent institutions presented in this report cannot be compared to those from the public campuses, since the latter includes all undergraduate aid recipients.

The vast majority of aid recipients (3,601 or 89 percent) were designated as having financial need according to the federal formula. Five percent had no need. Need could not be determined for another six percent.



Approximately \$70 million went to students with need, representing 90 percent of all aid distributed to Maryland residents who received State aid attending state-aided independent institutions. An additional \$3 million went to those without need. Five million dollars went to those for whom need could not be calculated.

### **Aid recipients with Need**

A total of 3,601 Maryland resident aid recipients enrolled as undergraduates who received State aid at Maryland's state-aided independent institutions had financial need.

About three-quarters were women. Almost two-thirds were white; 24 percent were African American.

MD Residents at State-Aided Independent Institutions with Need who Received State Aid		
Men	937	26%
Women	2,664	74%
African American	855	24%
Asian	148	4%
Hispanic	82	2%
White	2,341	65%
Other	175	5%
Total	3,601	100%

Most were financially dependent on their parents and lived on campus. The average expected family contribution (EFC) of students with need was \$6,579; average cost of attendance, \$28,482 and average aid amount, \$19,422. The average adjusted gross income (AGI) was \$52,725. Eleven percent of total aid to students with need went to those in the lowest income category (\$15,000 or below). Thirty-eight percent went to those with an AGI below \$40,000. The highest award amounts went to those with an AGI of \$40,000 or above.

Aid to MD Resident Undergraduates with Need Who Received State Aid and Attended MD Independent Institutions				
AGI	Av Aid	N	Total Aid \$	% Total Aid \$
0 thru 15000	\$15,236	507	\$7,724,620	11%
15001 thru 39999	\$18,740	1,010	\$18,927,069	27%
40000 thru 59999	\$20,972	728	\$15,267,402	22%
60000 and over	\$20,664	1,354	\$27,979,095	40%
Total	\$19,422	3,599	\$69,898,186	100%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.*

### **Loans**

Three-quarters of Maryland resident aid recipients enrolled as undergraduates at Maryland's state-aided independent institutions who received State aid and had need received a loan as part of their financial aid. Average loan amount was \$8,381. Students from the highest AGI category (\$60,000 plus) had the highest average loan amounts (\$9,804).

Loans to MD Residents with Need Who Received State Aid and Attended MD State-Aided Independent Institutions, by AGI		
AGI	Av Loan	N
0 thru 15000	\$7,370	272
15001 thru 39999	\$7,087	807
40000 thru 59999	\$8,081	583
60000 and over	\$9,804	1,051
* Total	\$8,381	2,713

\* This table contains figures only for students who provided AGI data, which does not represent all of those with need.

The total aid award for students with a loan was much higher than for those without a loan: \$21,806 vs. \$12,153.

### ***Unmet Need***

Sixty-one percent of Maryland resident aid recipients enrolled as undergraduates at Maryland's state-aided independent institutions with need who received State aid had unmet need. Their average unmet need was \$8,337. Of students who received a loan, 55 percent had unmet need, with an average unmet need of \$6,436. Of those who did not receive a loan, a much higher proportion (80 percent) had unmet need, with an average of \$12,354.

### ***Sources of Aid***

The independent institutions and the federal government were the main sources of aid to these students. Forty percent came from the institutions; 38 percent was from the federal government. In addition, 17 percent came from the State and 6 percent was from private sources.

Sources of Aid to MD Residents with Need Who Received State Aid and Attended MD State-Aided Independent Institutions				
	Av Aid	N	Total Aid \$	% Total Aid \$
Federal	\$8,949	2,941	\$26,320,472	38%
State	\$3,229	3,601	\$11,628,355	17%
Institutional	\$10,483	2,675	\$28,040,999	40%
Private	\$5,380	740	\$3,981,019	6%
			\$69,970,845	100%

Of federal aid, 44 percent went to students with an AGI below \$40,000. More than a third (36 percent) went to those with an AGI of \$60,000 and over. The highest average aid award (\$9,767) went to those in the lowest income category.

Federal Aid to MD Residents with Need who Received State Aid and Attended MD State-Aided Independent Institutions				
AGI	Av Aid	N	Total Aid \$	% Total Aid \$
0 thru 15000	\$9,767	319	\$3,115,518	12%
15001 thru 39999	\$9,212	919	\$8,465,957	32%
40000 thru 59999	\$8,210	632	\$5,188,796	20%
60000 and over	\$8,915	1,069	\$9,529,968	36%
Total	\$8,949	2,939	\$26,300,239	100%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

Of State aid, 47 percent went to those with an AGI below \$40,000. A third went to those with an AGI of \$60,000 and over. The highest average aid award (\$3,837) went to students in the lowest income category.

State Aid to MD Residents with Need who Received State Aid and Attended MD State-Aided Independent Institutions				
AGI	Av Aid	N	Total Aid \$	% Total Aid \$
0 thru 15000	\$3,837	507	\$1,945,522	17%
15001 thru 39999	\$3,480	1,010	\$3,514,941	30%
40000 thru 59999	\$3,176	728	\$2,312,314	20%
60000 and over	\$2,836	1,354	\$3,839,678	33%
Total	\$3,227	3,599	\$11,612,455	100%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

Of institutional aid, 30 percent went to students with an AGI below \$40,000. Forty-four percent went to those with an AGI of \$60,000 and over. The highest average aid awards went to those with an AGI of \$40,000 or more.

Institutional Aid to MD Residents with Need who Received State Aid and Attended MD State-Aided Independent Institutions				
AGI	Av Aid	N	Total Aid \$	% Total Aid \$
0 thru 15000	\$8,802	270	\$2,376,432	8%
15001 thru 39999	\$9,625	641	\$6,169,906	22%
40000 thru 59999	\$11,381	615	\$6,999,609	25%
60000 and over	\$10,864	1,147	\$12,461,526	44%
Total	\$10,478	2,673	\$28,007,473	100%

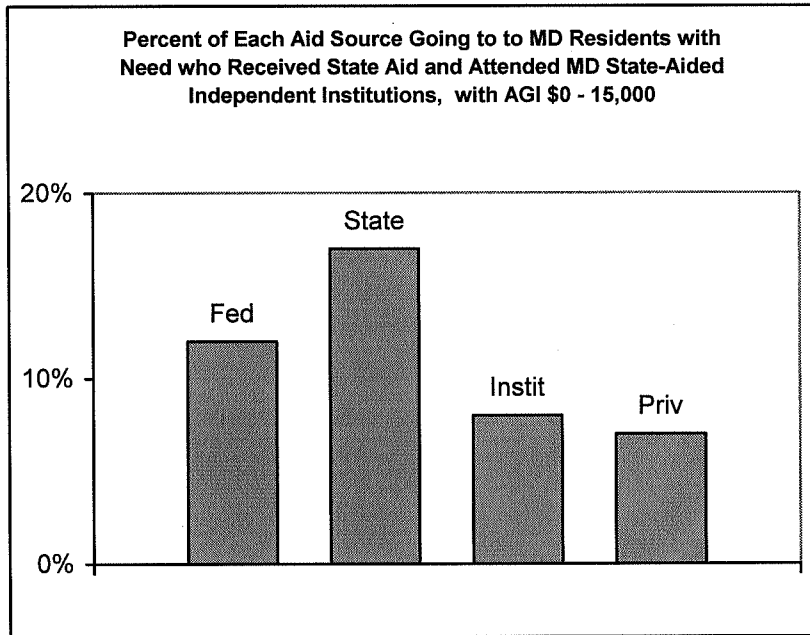
*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

Of private aid, 27 percent went to those with an AGI below \$40,000. Fifty-four percent went to students with an AGI of \$60,000 and over. The highest average aid award (\$6,280) went to those in the highest income bracket.

Private Aid to MD Residents with Need who Received State Aid and Attended MD State-Aided Independent Institutions				
AGI	Av Aid	N	Total Aid \$	% Total Aid \$
0 thru 15000	\$5,522	52	\$287,148	7%
15001 thru 39999	\$4,540	171	\$776,265	20%
40000 thru 59999	\$4,406	174	\$766,683	19%
60000 and over	\$6,280	342	\$2,147,923	54%
Total	\$5,383	739	\$3,978,019	100%

*\* This table contains figures only for students who provided AGI data, which does not represent all of those with need*

The following graph shows the proportion of each source of aid to Maryland residents at Maryland state-aided independent institutions that went to students with the lowest adjusted gross incomes.



**Aid recipients with Need Who Did Not Receive a Loan**

A quarter of Maryland resident aid recipients enrolled as undergraduates who received State aid at Maryland’s state-aided independent institutions got aid that did not include a loan. Their average aid amount was \$12,153.

The average AGI of aid recipients who did not receive a loan was \$46,452. Forty-six percent of aid to these students went to those with an average AGI below \$40,000. Thirty-six percent went to students with an AGI of \$60,000 or over. The highest average aid award went to those in the AGI range of \$40,000 - \$59,999.

Aid to MD Residents with Need who Received State Aid and Attended MD State-Aided Independent Institutions and Did Not Receive a Loan				
AGI	Aid \$	N	Total Aid \$	% of Total Aid \$
0 thru 15000	\$10,472	235	\$2,460,869	23%
15001 thru 39999	\$12,426	203	\$2,522,546	23%
40000 thru 59999	\$13,416	145	\$1,945,347	18%
60000 and over	\$12,668	303	\$3,838,487	36%
Total	\$12,153	886	\$10,767,249	100.0%

Most (80 percent) of the aid recipients who did not receive a loan had unmet need, with an average unmet need of \$12,354. Students in the lowest income categories had the highest average unmet need. For those with an AGI of \$15,000 or under, the average unmet need was \$15,550. For those in the highest AGI category, unmet need was \$8,128.

Unmet Need of MD Residents with Need who Received State Aid and Attended MD State-Aided Independent Institutions and Did Not Receive a Loan		
AGI	Av Unmet Need	N
0 thru 15000	\$15,550	225
15001 thru 39999	\$13,244	179
40000 thru 59999	\$11,179	129
60000 and over	\$8,128	172
Total	\$12,354	705

Twenty percent of aid recipients with need who did not receive a loan had their need met entirely by aid. About two-thirds were in the \$60,000-plus AGI bracket. Only six percent of students whose need was met had an AGI of \$15,000 or below. The highest average aid award, though, went to students in the AGI range of \$15,001 - \$39,000.

Aid to MD Residents with Need who Received State Aid and Attended MD State-Aided Independent Institutions Whose Need was Met Without a Loan				
AGI	Aid \$	N	Total Aid \$	% of Total Aid \$
0 thru 15000	\$21,433	10	\$214,325	6%
15001 thru 39999	\$23,636	24	\$567,257	16%
40000 thru 59999	\$23,018	16	\$368,294	10%
60000 and over	\$18,504	131	\$2,424,006	68%
Total	\$19,745	181	\$3,573,882	100.0%

The source of over half (55 percent) of all aid to students who did not receive loans was the independent institutions. Thirty-one percent of aid came from the State, 8 percent from the federal government, and 6 percent from private sources.

Sources of Aid to MD Residents with Need Who Received State Aid and Attended MD State-Aided Independent Institutions and who Did Not Receive a Loan				
	Aid \$	N	Total Aid \$	% of Total Aid \$
Federal	\$3,851	233	\$897,291	8%
State	\$3,805	886	\$3,371,596	31%
Institutional	\$11,233	524	\$5,886,214	55%
Private	\$4,637	132	\$612,148	6%
			\$10,767,249	100.0%

### Aid recipients with Need Who Received a Loan

Three-quarters of Maryland resident aid recipients enrolled as undergraduates who received State aid at Maryland's state-aided independent institutions and had need received a loan as part of their financial aid. Their average aid amount was \$21,795.

The average AGI of aid recipients with need at independent institutions who received a loan was \$54,773. Thirty-seven percent of aid to these students went to those with an average AGI below \$40,000. Forty-one percent went to those with an average AGI of \$60,000 and over. The highest average aid award amount (\$22,969) went to those at the highest AGI level.

Aid to MD Residents with Need Who Received State Aid and Attended MD State-Aided Independent Institutions and Received a Loan				
AGI	Aid \$	N	Total Aid \$	% of Total Aid \$
0 thru 15000	\$19,352	272	\$5,263,751	9%
15001 thru 39999	\$20,328	807	\$16,404,523	28%
40000 thru 59999	\$22,851	583	\$13,322,055	22%
60000 and over	\$22,969	1,051	\$24,140,608	41%
Total	\$21,795	2,713	\$59,130,937	100.0%

The average loan was \$8,381. The lowest average loan (\$7,087) went to students in the \$15,001 - \$39,999 AGI bracket. Those with an AGI of \$60,000 and over received the highest average loan amounts.

Average Loan to MD Residents with Need Who Received State Aid and Attended MD State-Aided Independent Institutions		
AGI	Aid \$	N
0 thru 15000	\$7,370	272
15001 thru 39999	\$7,087	807
40000 thru 59999	\$8,081	583
60000 and over	\$9,804	1,051
Total	\$8,381	2,713



About 55 percent of students who received a loan had unmet need. Their average unmet need was \$6,438. Those in the lowest AGI categories had the highest unmet need; those in the highest category had the least amount of unmet need.

Unmet Need of MD Residents with Need who Received State Aid and Attended MD State-Aided Independent Institutions and Received a Loan		
AGI	Av Unmet Need	N
0 thru 15000	\$8,876	226
15001 thru 39999	\$7,679	654
40000 thru 59999	\$4,749	328
60000 and over	\$3,562	281
Total	\$6,438	1,489

The federal government provided 43 percent of all aid to students with need who received loans. Thirty-seven percent came from the institutions. Fourteen percent came from the State and six percent came from private sources.

Source of Aid to MD Residents with Need Who Received State Aid and Attended MD State-Aided Independent Institutions and Received a Loan				
	Aid \$	N	Total Aid \$	% of Total Aid \$
Federal	\$9,388	2708	\$25,423,181	42.9%
State	\$3,041	2715	8256759	13.9%
Institutional	\$10,300	2151	\$22,154,785	37.4%
Private	\$5,541	608	\$3,368,871	5.7%
			\$59,203,596	100.0%

## Appendix 1. Classification of Undergraduate Financial Aid Programs

Fin Aid Descriptor	FAFSA Req.	* Type	Source	State Aid Types
V21 1101 U-Federal Pell Grant	Y	Grant	Fed	
V23 1102 U-FSEOG Grant	Y	Grant	Fed	
V25 1103 U-Other Federal Grant	Y	Grant	Fed	
V27 1104 U-Educational Assistance Grant	Y	Grant	State	Need Based
V29 1105 U-Guaranteed Access Grant	Y	Grant	State	Need Based
V31 1106 U-Part-Time Grant	Y	Grant	State	Need Based
V33 1107 U-Grants from Private Sources		Grant	Private	
V35 1108 U-Institutional Grants		Grant	Instit	
V37 1109 U-Jack F. Tolbert Grant	Y	Grant	State	Career & Occupational
V39 1201 U-Federal Perkins Loan	Y	Loan	Fed	
V41 1202 U-Federal Subsidized Stafford Loan	Y	Loan	Fed	
V43 1203 U-Federal Unsubsidized Stafford Loan	Y	Loan	Fed	
V45 1204 U-PLUS Loans	Y	Loan	Fed	
V47 1205 U-Other Federal Loans	Y	Loan	Fed	
V49 1206 U-Institutional Loans		Loan	Instit	
V51 1207 U-Loans from Private Sources		Loan	Private	
V53 1301 U-Child Care Provider		Scholshp	State	Career & Occupational
V55 1302 U-Dev Disabilities		Scholshp	State	Career & Occupational
V57 1303 U-Distinguished Scholar Scholarship		Scholshp	State	Merit
V59 1304 U-Delegate Scholarship	Y	Scholshp	State	Legislative
V61 1305 U-Senatorial Scholarship	Y	Scholshp	State	Legislative
V63 1306 U-Hope CCT	Y	Scholshp	State	Career & Occupational
V65 1307 U-Hope General	Y	Scholshp	State	Career & Occupational
V67 1308 U-Dist. Scholar Teacher		Scholshp	State	Merit
V69 1309 U-MD Teacher		Scholshp	State	Career & Occupational
V71 1310 U-Sharon Christa		Scholshp	State	Career & Occupational
V73 1311 U-State Nursing Living Expenses	Y	Scholshp	State	Career & Occupational
V75 1312 U-Physical Occupational Therapy		Scholshp	State	Career & Occupational
V77 1313 U-Science and Tech		Scholshp	State	Career & Occupational
V79 1314 U-Ed Conroy		Scholshp	State	Unique Population
V81 1315 U-Diversity Grants		Other	State	Unique Population
V83 1316 U-Federal Scholarships		Scholshp	Fed	
V85 1317 U-Inst. Athletic Scholarship		Scholshp	Instit	
V87 1318 U-Other Inst. Scholarship		Scholshp	Instit	
V89 1319 U-Private Athletic Scholarship		Scholshp	Private	
V91 1320 U-Other Private Scholarship		Scholshp	Private	
V93 1321 U-Tuition Waivers: Employees, Dependants		Fringe	Instit	
V95 1322 U-Tuition Waivers: Seniors, Disabled		Other	Instit	
V97 1323 U-Tuition Waivers: Students		Other	Instit	
V99 1324 U-Inst. Scholarships (PCS)		Scholshp	Instit	
V101 1325 U-Scholarships from Private (PCS)		Scholshp	Private	
V103 1401 U-Federal Work-Study	Y	Wkstudy	Fed	
V105 1402 U-Inst. Work-Study		Wkstudy	Instit	

\* Grant = Need Based Aid, Scholarship = Merit Based Aid, Work= Work Study, Fringe= Fringe Benefit, Other = Misc.