



Analysis of Financial Aid Distributed to Undergraduates at Maryland Public Colleges and Universities in Academic Year 2003-04

May 2006

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Introduction

College access for low-income students has been an issue of great concern in Maryland for a number of years stemming in part from Maryland's status as a high tuition – moderate aid state. Further, median family income is increasing at a slower rate than tuition and fee increases making college attendance a greater financial burden on students and families, particularly lower and moderate income families. Maryland's affordability grade as reported in *Measuring Up* (National Center for Public Policy and Higher Education) has steadily declined from a D in 2000 to an F in the 2004 report.

The *Task Force on College Readiness for Capable and Disadvantaged Students* recommended the collection of unit record data on financial aid because comprehensive data was not available to: 1) determine the adequacy of financial aid in addressing the needs of low- and moderate-income students, and 2) analyze the effectiveness of State financial aid programs. The Maryland Higher Education Commission developed this new data collection, the Financial Aid Information System (FAIS), in collaboration with State higher education segments and institutions. This system provides student-based information that is more comprehensive than the aggregate data available to the Commission in the past. As a result, financial aid effectiveness in Maryland will be easier to evaluate.

The FAIS includes information on the types and amount of financial aid students receive each year as well as information that allows the calculation of the financial need of students. Two critical data elements needed to conduct needs analysis are cost of attendance (COA) and expected family contribution (EFC). It was also decided to collect a number of additional data elements in order to have a more comprehensive and understandable profile of students. These include: adjusted gross income (AGI), family size, and dependency status. AGI is the amount reported on the tax return and was selected instead of family income data because of the complexity of calculating family income¹. AGI is used in this report to provide a descriptive profile of the financial aid students received by income range that is easily understood. Throughout this report, income is defined as AGI.

In 2004, all public two- and four-year colleges and universities in the State submitted data for students who received financial aid during academic year 2003-04 (state-aided independent institutions submitted data on Maryland residents who received financial aid the following year and will be included in subsequent reports).

This report provides a profile of undergraduates at Maryland's public two-and four-year colleges and universities who received financial aid in academic year 2003-04. It

¹ To calculate family income accurately from the Federal Application for Student Aid (FAFSA) form could require the inclusion of many variables: the earned income from the student, as well as parents, if the student is dependent; income from the spouse if the student is independent; untaxed income (such as social security benefits, TANF, or child support received); and income exclusions (such as funds paid for college education or child support paid out).

examines their demographic characteristics and analyzes the distribution of financial aid among students from different economic backgrounds. Separate analyses are prepared for students attending community colleges and public four-year institutions. The report focuses on three questions:

1. How are financial aid packages (grants, scholarships, loans and work study) distributed to students from different income levels?
2. How are types of aid (need-based, merit-based and other non-need-based) distributed to students from different income levels?
3. How are sources of financial aid (federal, state and institutional) distributed to students from different income levels?

For 22 percent of the students who received financial aid, no income data was provided². Since the students without income data differed in important respects from their counterparts in terms of the types and sources of aid, a separate analysis of this group is included in the final section of this report.

A discussion of financial aid as it related to the cost of attending college is not included in this report, due to the fact that problems with the 2003-04 institutional COA data prevented analysis. These problems have been resolved and subsequent data sets are more complete. The next report from the Maryland Higher Education Commission using FAIS data will focus on the aid received by students based on their level of need using COA and EFC, which are the factors used to determine the amount of student need and eligibility for need-based aid.

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² Some students and their families are not required to file taxes if their incomes are extremely low - \$8,200 if a filer is single and \$16,400 if married. Therefore, an AGI would not be provided in the FAIS for these students. In addition, certain financial aid programs (including most merit scholarship programs) do not require the submission of a FAFSA, and for these students, AGI would also be missing.

Characteristics of Students Awarded Aid

Community Colleges

In general, the “typical” Maryland community college student awarded aid in 2003-04 was a white or African American woman, financially independent of her parents, with an annual income below \$30,000. She attended classes part-time both spring and fall terms. Her aid award was most likely to consist of about \$2,100 in need-based grants.

Approximately 46 percent of community college students received financial aid in academic year 2003-04. Of the 52,141 community college students awarded aid, 70.6 percent were women. In comparison, women represented 63 percent of the community college student enrollment as a whole for that year.

Whites made up 44.9 percent of all community college students awarded aid (compared to 54.9 percent of the total enrollment). In contrast, African Americans constituted 40.1 percent of the students receiving aid compared to 28.6 percent of the general enrollment. For other racial /ethnic groups, there was little difference in the proportion of those awarded aid compared to their proportion of the overall enrollment.

Table 1. Demographic Characteristics of Community College Students Awarded Aid

		N	%
Gender	Men	15,346	29.4%
	Women	36,745	70.6%
Race/ Ethnicity	African Am	20,889	40.1%
	Native Am	245	0.5%
	Asian Am	2,158	4.1%
	Hispanic	2,009	3.9%
	White	23,409	44.9%
	Foreign	1,015	1.9%
	Other	2,416	4.6%
Dependency Status	Dependent	16,128	30.9%
	Independent	26,840	51.5%
	Unknown	9,173	17.6%

Twenty-seven percent of the students with aid attended classes part-time both the fall and spring terms. Only 20 percent were full-time students both terms. Slightly more than half (51.5 percent) were classified as financially independent from their parents and 44.8 percent lived off-campus, separate from parents. Mean income was \$28,280. Mean expected family contribution (the amount the federal government determines a family can

afford to pay for college) for those who applied for aid using the Free Application for Federal Student Aid (FAFSA) was \$2,607.

Public Four-Year Colleges and Universities

The “typical” Maryland four-year public student awarded aid in 2003-04 was a white woman who lived on campus and was financially dependent on her parents with a mean income over \$50,000. She attended classes full-time both spring and fall terms. Her aid award was most likely to consist of about \$8,400 in loans or a \$10,100 grant- loan combination (with loans making up two-thirds of the package).

Approximately two-thirds of undergraduates were awarded financial aid at Maryland public four-year institutions in academic year 2003-04. Of the 64,599 students awarded aid, 59.5 percent were women. This was about the same gender breakdown as in the general enrollment.

Whites made up less than half (46.9 percent) of all public four-year students awarded aid, compared to over half (52.1 percent) of the total enrollment. African Americans made up 34.7 percent of the students receiving aid compared to 28.8 percent of the general enrollment. For other racial /ethnic groups, there was little difference between the proportion receiving aid and those in the overall student body.

Table 2. Demographic Characteristics of Public 4-Year Undergraduates Awarded Aid

		N	%
Gender	Men	26,155	40.5%
	Women	38,444	59.5%
Race/ Ethnicity	African Am	22,390	34.7%
	Native Am	258	0.4%
	Asian Am	4,574	7.1%
	Hispanic	2,096	3.2%
	White	30,267	46.9%
	Foreign	899	1.4%
	Other	4,115	6.4%
Dependency Status	Dependent	41,088	63.6%
	Independent	17,387	26.9%
	Unknown	6,124	9.5%

Two-thirds of the students with aid were enrolled full-time both fall and spring terms. Sixty-four percent were classified as financially dependent on their parents. Forty percent lived on-campus and 29.3 percent lived off-campus, separate from parents. Mean income was \$56,751. Mean expected family contribution was \$8,651.

Types and Sources of Aid

Community Colleges

Financial aid awarded to Maryland's community college students totaled approximately \$133.1 million dollars in AY 2003-04. The cost of attendance for residents ranged from \$6,145 to \$14,880.³ Most of the financial aid awarded (61.0 percent) was in the form of need-based grants, with an average award of \$2,233 (Table 3). Almost a quarter (23.5%) was in the form of loans (averaging \$3,333). Scholarships made up 7.5 percent of the total (averaging \$1,073).

Figure 1

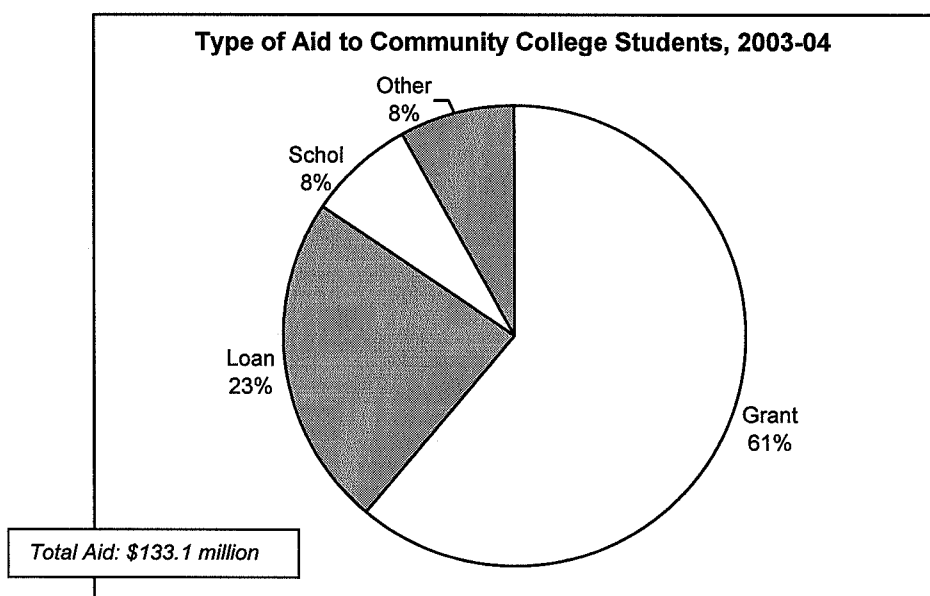


Table 3. Types of Financial Aid Awarded to Community College Students

	N Students	Av Award	% Of Total Award \$	Total \$
Grants	36,370	\$2,233	61.0%	\$81,198,473
Loans	9,370	\$3,333	23.5%	\$31,228,698
Scholarships	9,264	\$1,073	7.5 %	\$9,938,605
All Other	9,658	\$1,113	8.1%	\$10,739,943

Note: All Other includes tuition waivers for students, employees and their dependents and work-study.

³ Total cost of attendance is comprised of tuition and fees, room and board, books and supplies, transportation, and personal expenses. Tuition and fees vary by residency status. Cost allowances supplied for the other items vary by whether the student is financially independent or dependent, and whether they live on-campus, off-campus or with parents.

The federal government provided most (81.4 percent) of the financial aid awarded to community college students (Table 4). Federal aid awards averaged \$2,835 per student. Ten percent of all aid to community college students was provided by the institutions (average award \$887). Five percent came from the State (average award \$731). Private sources were responsible for 3.4 percent (average award \$1,078).

Figure 2

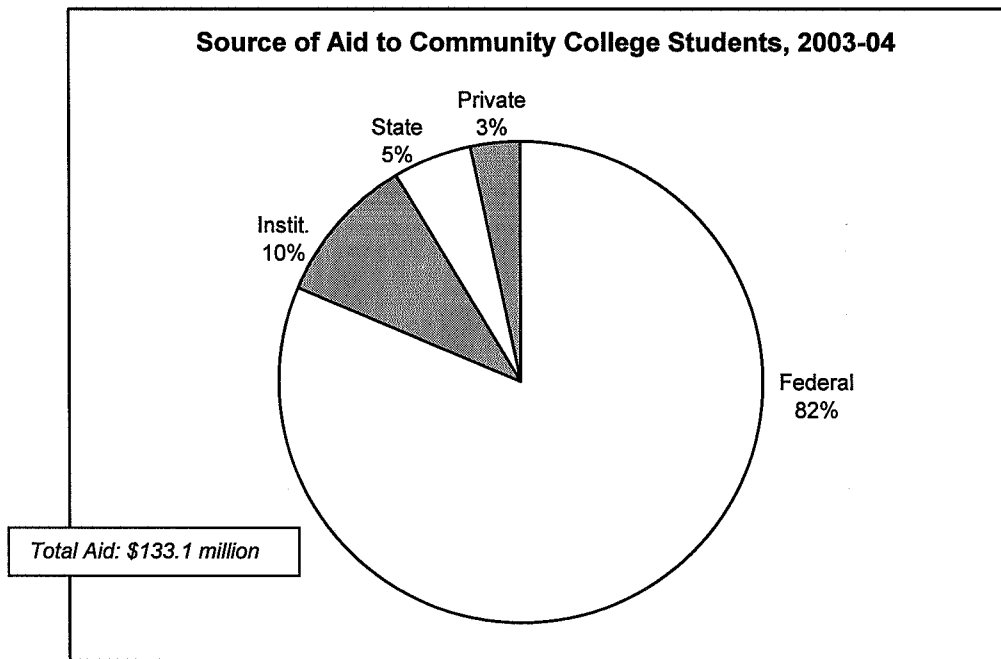


Table 4. Sources of Financial Aid Awarded to Community College Students

	N Students	Av Award	% Of Total Award \$	Total \$
Federal	38,239	\$2,835	81.4%	\$108,405,613
Institutional	15,051	\$887	10.0%	\$13,348,511
State	9,279	\$731	5.1%	\$6,778,934
Private	4,243	\$1,078	3.4%	\$4,572,661

Note: Institutional aid includes tuition waivers for students and employees and their dependents.

Public Four-Year Colleges and Universities

Financial aid awarded to students enrolled at Maryland's public four-year colleges and universities totaled approximately \$563.4 million in AY 2003-04. The cost of attendance for residents ranged from \$8,947 to \$20,798. Most of the financial aid awarded (57.3 percent) was in the form of loans, with an average loan of \$7,332 (Table 5). Need-based grants made up a fifth of all aid (average award: \$3,879); another fifth was in the form of scholarships (average award: \$4,735).

Figure 3

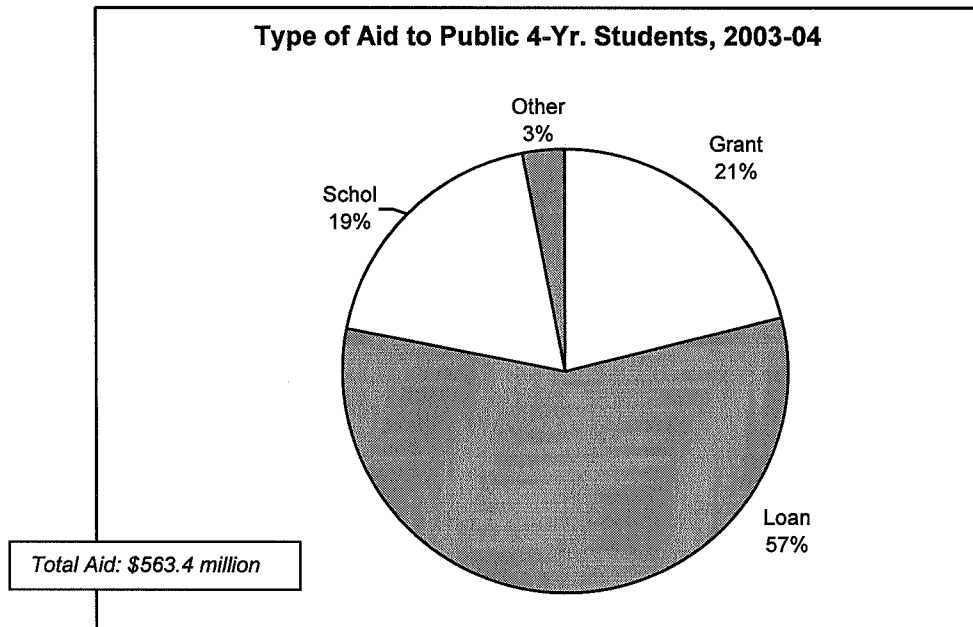


Table 5. Types of Financial Aid Awarded to Public 4-Yr. Students

	N Students	Av Award	% Of Total Award \$	Total \$
Loans	44,001	\$7,332	57.3%	\$322,628,222
Grants	30,168	\$3,879	20.8%	\$117,013,468
Scholarships	22,531	\$4,735	18.9%	\$106,686,138
All Other	7,159	\$2,390	3.0%	\$17,107,845

Note: All Other includes tuition waivers for students, employees and their dependents and work-study.

The federal government was the source of most of the aid awarded to four-year public college students (63.9 percent), with an average award of \$7,333 (Table 6). Institutions provided 15.3 percent of the aid (average award: \$3,576) and private sources were

responsible for 11.4 percent (average award: \$5,121). Just 9.3 percent of the aid received by public four-year college students came from the State (average award: \$2,491).

Figure 4

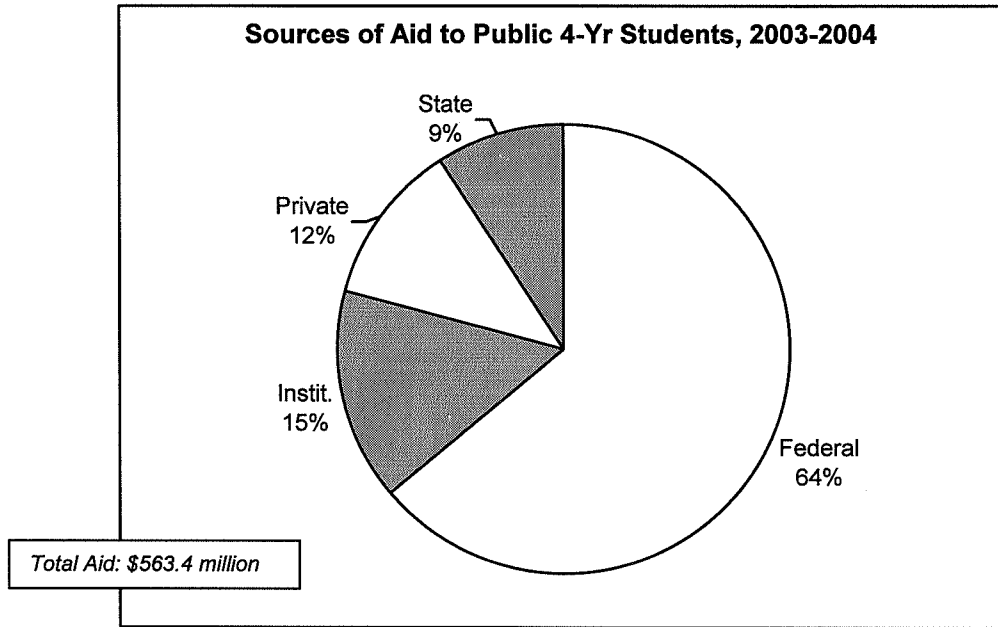


Table 6. Sources of Financial Aid Awarded to Public 4-Yr. Students

	N Students	Av Award	% Of Total Award \$	Av Award
Federal	49,092	\$7,333	63.9%	\$359,973,747
Institutional	24,162	\$3,576	15.3%	\$86,410,066
Private	12,583	\$5,121	11.4%	\$64,437,864
State	21,122	\$2,491	9.3%	\$52,613,996

Note: Institutional aid includes tuition waivers for students and employees and their dependents.

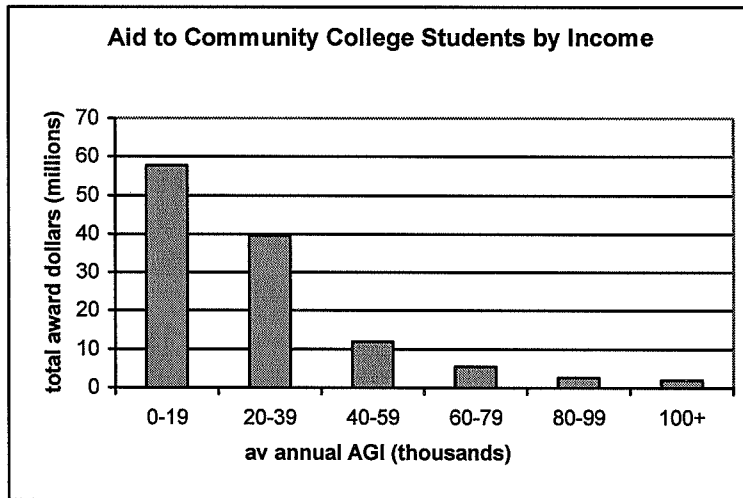
Distribution of Financial Aid by Income

Community Colleges

FAIS contains income data for 77.6 percent of all community college students awarded aid in 2003-04. The following analyses were conducted using data from this subset of students. A separate analysis of students with no income information is included in the final section of this report.

The bulk of aid dollars was directed to the students in the lower income brackets (Table 7). Almost half went to those with incomes under \$20,000. An additional third went to those in the \$20,000 - \$40,000 range. As income increased, the amount of total aid decreased dramatically.

Figure 5



The average award amount varied by income level. The highest average awards went to students at the two lowest categories of the income scale.

Table 7. Aid Awards to Community College Students by Income Level

Adjusted Gross Income	Av Award	N Students	Total \$ Awarded	% Total \$ Awarded
0 thru 19999	\$3,257	17,702	\$57,660,521	48.4%
20000 thru 39999	\$2,816	14,067	\$39,612,079	33.3%
40000 thru 59999	\$2,547	4,673	\$11,902,861	10.0%
60000 thru 79999	\$2,517	2,129	\$5,357,832	4.5%
80000 thru 99999	\$2,426	1,063	\$2,578,607	2.2%
100000 +	\$2,427	831	\$2,017,006	1.7%

Almost all (93.3 percent) of the need-based grant dollars went to students with incomes under \$40,000 (Table 8). These students also received most of the loan (58.7 percent) and over half of all scholarship aid (51.5 percent). The average grant and loan amounts were highest for students with incomes under \$40,000. However, students from families with incomes \$40,000 and above received greater average scholarships awards (which are merit-based) than did those from families with lower incomes.

Table 8. Type of Aid Awards to Community College Students by Income Level

Adjusted Gross Income	Av Award	N Students	Total \$ Awarded	
GRANT				% of Grant \$
0 thru 19999	\$2,650	16,404	\$43,466,234	57.3%
20000 thru 39999	\$2,126	12,858	\$27,336,802	36.0%
40000 thru 59999	\$1,346	3,236	\$4,354,922	5.7%
60000 thru 79999	\$995	604	\$600,765	0.8%
80000 thru 99999	\$1,040	106	\$110,233	0.1%
100000 +	\$1,002	46	\$46,084	0.1%
SCHOLARSHIP				% of Schol \$
0 thru 19999	\$932	1,819	\$1,695,577	26.1%
20000 thru 39999	\$1,080	1,646	\$1,777,103	27.4%
40000 thru 59999	\$1,227	1,070	\$1,312,697	20.2%
60000 thru 79999	\$1,284	692	\$888,738	13.7%
80000 thru 99999	\$1,172	395	\$463,085	7.1%
100000 +	\$1,204	294	\$354,001	5.5%
LOAN				% of Loan \$
0 thru 19999	\$3,805	2,354	\$8,956,620	29.3%
20000 thru 39999	\$3,475	2,581	\$8,967,781	29.4%
40000 thru 59999	\$3,102	1,803	\$5,592,076	18.3%
60000 thru 79999	\$2,934	1,233	\$3,617,520	11.8%
80000 thru 99999	\$2,806	667	\$1,871,475	6.1%
100000 +	\$2,809	548	\$1,539,322	5.0%
ALL OTHER AID				% of Other Aid \$
0 thru 19999	\$1,645	2,153	\$3,542,090	57.3%
20000 thru 39999	\$1,875	816	\$1,530,393	24.8%
40000 thru 59999	\$1,949	330	\$643,166	10.4%
60000 thru 79999	\$1,706	147	\$250,809	4.1%
80000 thru 99999	\$2,059	65	\$133,814	2.2%
100000 +	\$1,805	43	\$77,599	1.3%

Note: All Other includes tuition waivers for students, employees and their dependents and work-study.

Table 9 details the source of financial aid for community college students of various income brackets. Half of all federal aid was awarded to those at the lowest end of the

income scale (under \$20,000), and 83.9 percent went to students with incomes under \$40,000. Three-fourths of all State aid went to those in the under- \$40,000 range, as did 64.5 percent of institutional aid and 56.2 percent of private aid.

The students whose income was in the \$80,000 or more income range received 3.3 percent of federal aid dollars awarded and 4.5 percent of State aid. These individuals received 8 and 10 percent respectively of the aid provided by institutions and private sources.

Table 9. Source of Aid Awards to Community College Students by Income Level

Adjusted Gross Income	Av Award	N Students	Total \$ Awarded	
FEDERAL				% of FED \$
0 thru 19999	\$3,129	16,4930	\$51,613,801	50.1%
20000 thru 39999	\$2,606	13,367	\$34,832,688	33.8%
40000 thru 59999	\$2,412	3,806	\$9,179,283	8.9%
60000 thru 79999	\$2,785	1,416	\$3,943,546	3.8%
80000 thru 99999	\$2,789	682	\$1,901,855	1.8%
100000 +	\$2,748	560	\$1,538,768	1.5%
STATE				% of STATE \$
0 thru 19999	\$737	3,505	\$2,582,763	43.4%
20000 thru 39999	\$669	2,845	\$1,904,205	32.0%
40000 thru 59999	\$679	1,195	\$811,767	13.6%
60000 thru 79999	\$832	459	\$382,105	6.4%
80000 thru 99999	\$833	204	\$169,894	2.9%
100000 +	\$796	121	\$96,281	1.6%
INSTITUTION				% of INSTIT \$
0 thru 19999	\$910	3,049	\$2,775,761	37.3%
20000 thru 39999	\$1,030	1,963	\$2,021,725	27.2%
40000 thru 59999	\$1,133	1,137	\$1,287,697	17.3%
60000 thru 79999	\$1,236	607	\$750,327	10.1%
80000 thru 99999	\$1,261	266	\$335,377	4.5%
100000 +	\$1,250	209	\$261,153	3.5%
PRIVATE				% of PRIV \$
0 thru 19999	\$1,474	467	\$688,196	25.1%
20000 thru 39999	\$1,395	612	\$853,461	31.1%
40000 thru 59999	\$1,269	492	\$624,114	22.8%
60000 thru 79999	\$1,123	251	\$281,854	10.3%
80000 thru 99999	\$1,406	122	\$171,481	6.3%
100000 +	\$1,590	76	\$120,804	4.4%

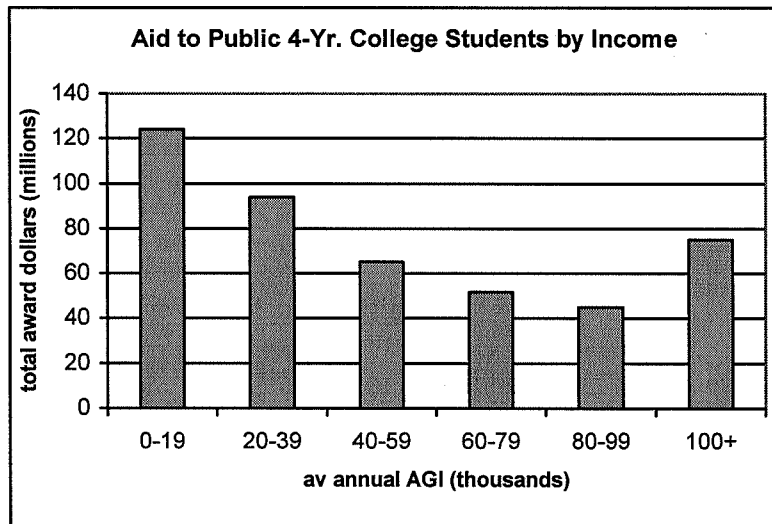
Note: Institutional aid includes tuition waivers for students and employees and their dependents.

Public Four-Year Colleges and Universities

FAIS contains income data for 77 percent of all public four-year undergraduates awarded aid in 2003-04. The following analyses were conducted using data from this subset of students. A separate analysis of students with no income information is included in the final section of this report.

Nearly half (47.9 percent) of the total aid dollars was directed to the students in the lower two income brackets (Table 10).

Figure 6



Just over a quarter (27.3 percent) of the total aid awarded to undergraduates went to students with annual incomes under \$20,000, and an additional 20.6 percent was received by those with incomes between \$20,000 and \$39,999. More than a quarter (26.4 percent) of total aid went to those with incomes over \$80,000. While the highest average award went to those in the under-\$20,000 income range, there was little difference in the average awards at other income levels.

Table 10. Aid Awarded to 4-Yr. Public Students by Income

Adjusted Gross Income	Av Award	N Students	Total \$ Awarded	% Of Total Aid \$
0 thru 19999	\$10,129	12,262	\$124,197,011	27.3%
20000 thru 39999	\$8,928	10,517	\$93,896,927	20.6%
40000 thru 59999	\$8,599	7,578	\$65,164,849	14.3%
60000 thru 79999	\$8,670	5,968	\$51,740,468	11.4%
80000 thru 99999	\$8,890	5,048	\$44,874,970	9.9%
100000 +	\$8,921	8,430	\$75,205,413	16.5%

Over three-quarters of all need-based grant aid was given to students with incomes under \$40,000, and 47.8 percent went to those in the under-\$20,000 income range (Table 11). Forty percent of loan dollars awarded went to students in the under-\$40,000 range, and those who earned less than \$20,000 received 22 percent.

Scholarships were distributed fairly evenly across income categories. The largest percentage (25.1 percent) of scholarship aid went to students with incomes of \$100,000 or more, and 39.1 percent went to those who earned \$80,000 or more. These awards are predominantly merit-based.

Table 11. Type of Aid Awards to Four-Year Public Students by Income

Adjusted Gross Income	Av Award	N Students	Total \$ Awarded	
GRANT				% of GRANT \$
0 thru 19999	\$4,580	10,591	\$48,502,001	47.8%
20000 thru 39999	\$3,798	8,302	\$31,533,434	31.1%
40000 thru 59999	\$2,862	4,673	\$13,372,264	13.2%
60000 thru 79999	\$2,485	1,989	\$4,942,230	4.9%
80000 thru 99999	\$2,386	832	\$1,984,942	2.0%
100000 +	\$2,507	475	\$1,190,788	1.2%
SCHOLARSHIP				% of SCHOL \$
0 thru 19999	\$3,610	2,370	\$8,556,044	16.0%
20000 thru 39999	\$3,502	2,125	\$7,440,746	13.9%
40000 thru 59999	\$3,789	2,147	\$8,135,730	15.2%
60000 thru 79999	\$3,884	2,155	\$8,369,294	15.7%
80000 thru 99999	\$3,899	1,921	\$7,489,561	14.0%
100000 +	\$4,348	3,077	\$13,377,312	25.1%
LOAN				% of LOAN \$
0 thru 19999	\$6,847	9,323	\$63,837,731	21.9%
20000 thru 39999	\$6,425	8,271	\$53,143,563	18.2%
40000 thru 59999	\$6,858	6,187	\$42,427,920	14.5%
60000 thru 79999	\$7,486	5,030	\$37,657,088	12.9%
80000 thru 99999	\$8,162	4,247	\$34,664,574	11.9%
100000 +	\$8,551	7,003	\$59,881,043	20.5%
ALL OTHER				% of OTHER \$
0 thru 19999	\$2,314	1,505	\$3,482,009	36.0%
20000 thru 39999	\$2,110	950	\$2,004,382	20.7%
40000 thru 59999	\$2,090	676	\$1,413,053	14.6%
60000 thru 79999	\$2,175	441	\$959,086	9.9%
80000 thru 99999	\$2,481	357	\$885,820	9.2%
100000 +	\$2,616	354	\$926,086	9.6%

Note: All Other includes tuition waivers for students, employees and their dependents and work-study.

As Table 12 shows, about half of all federal aid was awarded to those with incomes below \$40,000. A majority (54.4 percent) of all State aid was awarded to this group. In contrast, students in the lower two income categories received 40.1 percent of all

institutional aid and 31.6 percent of private aid. More than a quarter of all institutional aid (28.3 percent) and 37.9 percent of private aid went to students with incomes of \$80,000 or more.

Table 12. Source of Aid Awards to Public Four-Year College Students by Income

Adjusted Gross Income	Av Award	N Students	Total \$ Awarded	
FEDERAL				% of FED \$
0 thru 19999	\$8,118	11,637	\$94,463,770	28.8%
20000 thru 39999	\$6,958	10,083	\$70,154,184	21.4%
40000 thru 59999	\$6,480	6,755	\$43,772,418	13.3%
60000 thru 79999	\$6,756	5,081	\$34,324,857	10.5%
80000 thru 99999	\$7,307	4,249	\$31,049,197	9.5%
100000 +	\$7,783	6,960	\$54,168,769	16.5%
STATE				% of STATE \$
0 thru 19999	\$2,566	5,114	\$13,124,502	32.0%
20000 thru 39999	\$2,312	3,983	\$9,209,655	22.4%
40000 thru 59999	\$2,318	3,063	\$7,098,878	17.3%
60000 thru 79999	\$2,312	2,124	\$4,909,789	12.0%
80000 thru 99999	\$2,247	1,330	\$2,988,769	7.3%
100000 +	\$2,490	1,488	\$3,705,454	9.0%
INSTITUTION				% of INSTIT \$
0 thru 19999	\$2,460	4,053	\$9,969,272	21.6%
20000 thru 39999	\$2,423	3,530	\$8,551,642	18.5%
40000 thru 59999	\$2,884	2,858	\$8,241,676	17.8%
60000 thru 79999	\$3,224	1,980	\$6,383,602	13.8%
80000 thru 99999	\$3,703	1,358	\$5,028,758	10.9%
100000 +	\$4,107	1,958	\$8,041,895	17.4%
PRIVATE				% of PRIV \$
0 thru 19999	\$4,251	1,562	\$6,639,467	16.6%
20000 thru 39999	\$4,372	1,368	\$5,981,446	15.0%
40000 thru 59999	\$4,623	1,309	\$6,051,877	15.2%
60000 thru 79999	\$5,123	1,195	\$6,122,220	15.3%
80000 thru 99999	\$5,200	1,117	\$5,808,246	14.6%
100000 +	\$5,513	1,685	\$9,289,295	23.3%

Note: Institutional aid includes tuition waivers for students and employees and their dependents.

Federal Financial Aid by Income

Community Colleges

A substantial majority of community college students who received federal financial aid were the recipients of need-based grants (Table 13). Of the federal need-based grant aid awarded to Maryland community college students in 2003-04, almost all (94.8 percent) went to those with incomes under \$40,000, and 58.6 percent was awarded to those who earned less than \$20,000. Most of the federal scholarship (71.1 percent), work-study (85.5 percent) and loan (58.9 percent) dollars went to those in the lower two income categories.

Table 13. Federal Awards to Community College Students by Type and Income

Adjusted Gross Income	Av Award	N Students	Total \$ Awarded	
FED GRANT				% of FED GRANT \$
0 thru 19999	\$2,523	16,028	\$40,434,458	58.6%
20000 thru 39999	\$2,039	12,245	\$24,971,239	36.2%
40000 thru 79999	\$1,274	2,746	\$3,497,846	5.1%
80000 +	\$2,193	30	\$65,799	0.1
FED SCHOLARSHIP				% of FED SCHOL \$
0 thru 19999	\$2,025	22	\$44,541	42.6%
20000 thru 39999	\$1,990	15	\$29,850	28.5%
40000 thru 79999	\$1,494	17	\$25,401	24.3%
80000 +	\$2413	2	\$4,825	4.6%
FED WORK STUDY				% FED WS \$
0 thru 19999	\$2,278	962	\$2,191,646	60.2%
20000 thru 39999	\$2,002	459	\$919,020	25.3%
40000 thru 79999	\$1,970	256	\$504,283	13.9%
80000 +	\$1,803	13	\$23,434	0.6%
FED LOAN				% FED LOAN \$
0 thru 19999	\$3,802	2,352	\$8,943,156	29.5%
20000 thru 39999	\$3,459	2,577	\$8,912,579	29.4%
40000 thru 79999	\$3,005	3,027	\$9,095,299	30.0%
80000 +	\$2,766	1,210	\$3,346,565	11.0%

Public Four-Year Colleges and Universities

As Table 14 shows, loans represented most of the federal aid provided to students at the public four-year campuses. Most loan assistance (58.6) went to students with incomes of \$40,000 or more. However, 22.8 percent of loan dollars was received by those in the lowest income category.

Over 90 percent of federal need-based grant money awarded to Maryland public four-year undergraduates went to those with incomes under \$40,000, and 56.3 percent was received by those whose income was less than \$20,000. More than two-thirds of work-study aid (68.8 percent) was given to students in the two lowest income categories.

Table 14. Federal Awards to Public 4-Yr. Students by Type and Income

Adjusted Gross Income	Av Award	N Students	total \$ Awarded	
FED GRANT				% of FED GRANT \$
0 thru 19999	\$3,291	9,637	\$31,716,098	56.3%
20000 thru 39999	\$2,630	7,328	\$19,270,975	34.2%
40000 thru 79999	\$1,666	2,951	\$4,915,331	8.7%
80000 +	\$2,905	142	\$412,570	0.7%
FED SCHOLARSHIP				% of FED SCHOL \$
0 thru 19999	\$5,784	7	\$40,485	14.1%
20000 thru 39999	\$1,717	9	\$15,452	5.4%
40000 thru 79999	\$14,604	11	\$160,647	55.8%
80000 +	\$7,107	10	\$71,069	24.7%
FED WORK STUDY				% of FED WS \$
0 thru 19999	\$2,087	871	\$1,817,429	43.2%
20000 thru 39999	\$1,795	599	\$1,075,354	25.6%
40000 thru 79999	\$1,589	623	\$990,003	23.5%
80000 +	\$1,701	189	\$321,439	7.6%
FED LOAN				% of FED LOAN \$
0 thru 19999	\$6,581	9,253	\$60,889,758	22.8%
20000 thru 39999	\$6,049	8,232	\$49,792,403	18.6%
40000 thru 79999	\$6,477	11,121	\$72,031,294	27.0%
80000 +	\$7,582	11,134	\$84,412,888	31.6%

State Financial Aid by Income

Community Colleges

A substantial majority of Maryland community college students who received State financial assistance obtained it in the form of a need-based grant in the Educational Excellence Awards program (Table 15).

The great bulk (85.4 percent) of the State's total need-based grant award dollars to community college students went to students with incomes under \$40,000. Slightly more than half went to those in the lowest income bracket (under \$20,000). A majority (53.3 percent) of the State's career/ workforce-related aid to community college students was awarded to students with incomes under \$40,000, and one-fourth to those in the under \$20,000 income group. There was a similar distribution with respect to State Legislative Scholarship aid. Community college students received only a handful of State merit or other types of scholarships.

Table 15. State Awards to Community College Students by Type and Income

Adjusted Gross Income	Av Award	N Students	Total \$ Awarded	
STATE NEED-BASED				% ST.NEED \$
0 thru 19999	\$668	3,229	\$2,156,941	51.7%
20000 thru 39999	\$571	2,461	\$1,405,422	33.7%
40000 thru 79999	\$521	1,109	\$577,356	13.8%
80000 +	\$561	54	\$30,300	0.7%
STATE CAREER				% ST. CAREER \$
0 thru 19999	\$1,618	85	\$137,525	24.7%
20000 thru 39999	\$1,433	111	\$159,080	28.6%
40000 thru 79999	\$1,530	131	\$200,429	36.0%
80000 +	\$1,569	38	\$59,632	10.7%
STATE LEGIS				% of ST. LEGIS \$
0 thru 19999	\$758	369	\$279,606	23.5%
20000 thru 39999	\$777	416	\$323,067	27.2%
40000 thru 79999	\$793	519	\$411,587	34.6%
80000 +	\$704	247	\$173,802	14.6%

Public Four-Year Colleges and Universities

A large majority of Maryland public four-year students who received State financial aid received it in the form of a need-based grant in the Educational Excellence awards program (Table 16). Of the State need-based grant aid to students at public four-year colleges and universities, 70 percent went to students with incomes under \$40,000, and 42.2 percent was awarded to those in the under- \$20,000 bracket.

Just 23.7 percent of State merit award dollars and 23.8 percent of State career/ workforce aid to students at public four-year campuses went to students in the under-\$40,000 range. In contrast, 53.7 percent of the merit aid and 41.1 percent of career aid went to those with incomes of \$80,000 or over.

Thirty percent of State Legislative Scholarship funds awarded to four-year public college students were received by those with incomes in the under-\$40,000 range, and over a third of those scholarship dollars (34.1 percent) went to those with incomes of \$80,000 or more.

Table 16. State Awards to Public 4-Yr. Students by Type and Income

Adjusted Gross Income	Av Award	N Students	Total \$ Awarded	
STATE NEED-BASED				% ST NEED-BASED \$
0 thru 19999	\$2,382	4,670	\$11,126,046	42.2%
20000 thru 39999	\$2,051	3,574	\$7,329,274	27.8%
40000 thru 79999	\$1,876	3,708	\$6,995,654	26.4%
80000 +	\$1,738	547	\$950,450	3.6%
STATE MERIT				% ST MERIT \$
0 thru 19999	\$4,371	45	\$196,700	15.7%
20000 thru 39999	\$3,024	33	\$99,800	8.0%
40000 thru 79999	\$2,968	95	\$282,000	22.6%
80000 +	\$3,126	215	\$672,500	53.7%
STATE CAREER				% ST CAREER \$
0 thru 19999	\$3,701	259	\$958,685	11.8%
20000 thru 39999	\$3,551	266	\$944,640	11.7%
40000 thru 79999	\$3,802	755	\$2,870,441	35.4%
80000 +	\$4,038	824	\$2,327,660	41.1%
STATE OTHER				% ST OTHER \$
0 thru 19999	\$2,793	71	\$198,304	16.9%
20000 thru 39999	\$3,223	76	\$244,971	20.9%
40000 thru 79999	\$3,321	121	\$401,898	34.3%
80000 +	\$3,813	86	\$327,943	28.0%
LEGISLATIVE SCHOL				% LEGIS SCHOL \$
0 thru 19999	\$1,084	595	\$644,767	15.5%
20000 thru 39999	\$1,028	575	\$590,970	14.2%
40000 thru 79999	\$1,025	1,480	\$1,498,674	36.1%
80000 +	\$1,000	1,519	\$1,416,170	34.1%

Institutional Financial Aid by Income

Community Colleges

A large majority of the grant (64.6 percent), work-study (60.3 percent) and “other” (80.4 percent) dollars in institutional aid awarded to community college students who reported income went to those in the under-\$40,000 income range (Table 17). Over half (54.8 percent) of institutional scholarship aid went to those in the under-\$40,000 group, while only 11.3 percent went to those in the \$80,000 and above group.

Table 17. * Institutional Awards to Community College Students by Type and Income

Adjusted Gross Income	Av Award	N Students	Total \$ Awarded	
INST GRANT				% INST GRANT \$
0 thru 19999	\$692	734	\$508,094	31.8%
20000 thru 39999	\$722	726	\$524,490	32.8%
40000 thru 79999	\$807	657	\$529,899	33.1%
80000 +	\$741	49	\$36,325	2.3%
INST SCHOL				% INST SCHOL \$
0 thru 19999	\$745	1,231	\$916,759	27.9%
20000 thru 39999	\$903	980	\$884,807	26.9%
40000 thru 79999	\$1,110	1,005	\$1,115,926	33.9%
80000 +	\$1,063	350	\$372,051	11.3%
INST WORK STUDY				% INST WORK STUDY\$
0 thru 19999	\$1,543	96	\$148,154	37.3%
20000 thru 39999	\$1,631	56	\$91,344	23.0%
40000 thru 79999	\$1,642	55	\$90,344	22.8%
80000 +	\$1,967	34	\$66,889	16.9%
INST OTHER				% INST OTHER \$
0 thru 19999	\$1,021	1,178	\$1,202,290	56.1%
20000 thru 39999	\$1,566	332	\$520,029	24.3%
40000 thru 79999	\$1,592	188	\$299,358	14.0%
80000 +	\$1,892	64	\$121,090	5.7%

* A majority of the 22 percent of community college students for whom income data was not reported received institutional aid. These students do not appear in the statistics in this table.

Note: INST OTHER consists of tuition waivers and remission of fees for undergraduates who are employees, employee dependants, seniors, disabled, and otherwise undifferentiated students.

Public Four-Year Colleges and Universities

Institutional scholarship aid to students at Maryland public four-year campuses who did report income was spread out fairly evenly among students of all income levels (Table 18). Over half (56.1 percent) of the institutional need-based grant dollars went to those in the under-\$40,000 income range. An overwhelming majority of the institutional work-study (85.6 percent) dollars were received by students whose income was less than \$20,000. In contrast, 15.8 percent of "other" institutional aid went to those in the under-\$20,000 income category, while over a third (34.7 percent) went to those with incomes of over \$80,000.

Table 18. * Institutional Awards to Public 4-Yr. Students by Type and Income

Adjusted Gross Income	Av Award	N Students	Total \$ Awarded	
INST GRANT				% INST GRANT \$
0 thru 19999	\$1,440	2,892	\$4,165,124	27.8%
20000 thru 39999	\$1,569	2,700	\$4,235,993	28.3%
40000 thru 79999	\$1,766	3,123	\$5,512,459	36.8%
80000 +	\$1,710	624	\$1,063,598	7.1%
INST SCHOL				% INST SCHOL \$
0 thru 19999	\$4,520	954	\$4,312,414	26.9%
20000 thru 39999	\$4,251	848	\$3,604,595	22.5%
40000 thru 79999	\$4,399	918	\$4,037,865	25.2%
80000 +	\$4,436	914	\$4,054,331	25.3%
INST WORK STUDY				% INST WORK STUDY \$
0 thru 19999	\$2,121	464	\$983,979	81.7%
20000 thru 39999	\$651	72	\$46,878	3.9%
40000 thru 79999	\$734	79	\$58,010	4.8%
80000 +	\$517	81	\$41,858	3.5%
INST OTHER				% INST OTHER \$
0 thru 19999	\$2,873	174	\$499,827	15.8%
20000 thru 39999	\$2,749	239	\$656,952	20.8%
40000 thru 79999	\$3,343	151	\$504,769	28.8%
80000 +	\$3,501	116	\$406,151	34.7%

* More than half of the 23 percent of public four-year college students for whom income data were not reported received institutional aid. These students do not appear in the statistics in this table.

Note: INST OTHER consists of tuition waivers and remission of fees for undergraduates who are employees, employee dependants, seniors, disabled, and otherwise undifferentiated students.

Aid Packages of Students by Income

Community Colleges

Half of all community college students awarded aid received need-based grants alone (Table 19). Their average grant award was \$2,161. Eighteen percent of all community students awarded aid had loans as part of their total aid package.

Figure 7

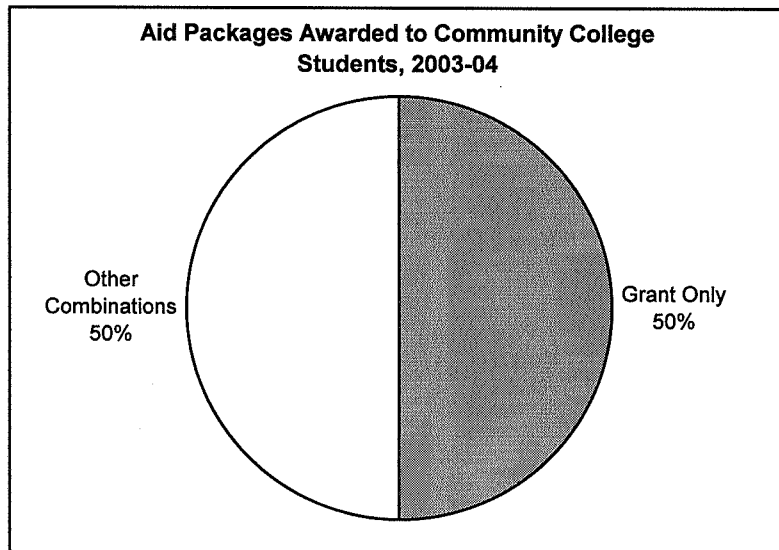


Table 19. Aid Packages Awarded to Community College Students

Aid Package	N Students	%	Av. Award
Grant only	26,148	50.1%	\$2,161
"Other" only	6,581	12.6%	\$723
Scholarship only	4,622	8.9%	\$1,085
Grant + Loan	3,908	7.5%	\$5,761
Loan only	3,859	7.4%	\$3,047
Grant + Scholarship	3,038	5.8%	\$3,126
Grant + Loan + Scholarship	498	1.0%	\$7,515
Loan + Scholarship	410	0.8%	\$4,007
Grant + Loan + Other	397	0.8%	\$8,858
All Other Combinations	2,680	7.5%	\$5,277
Total	52,141	100.0%	\$2,553

For students in the under-\$40,000 income range who were awarded aid, over two-thirds received grants alone (Table 20). For those in the \$40,000-\$79,999 dollar income range, 32.1 percent received grants only and 25.4 percent had loans only. Most of the aid that

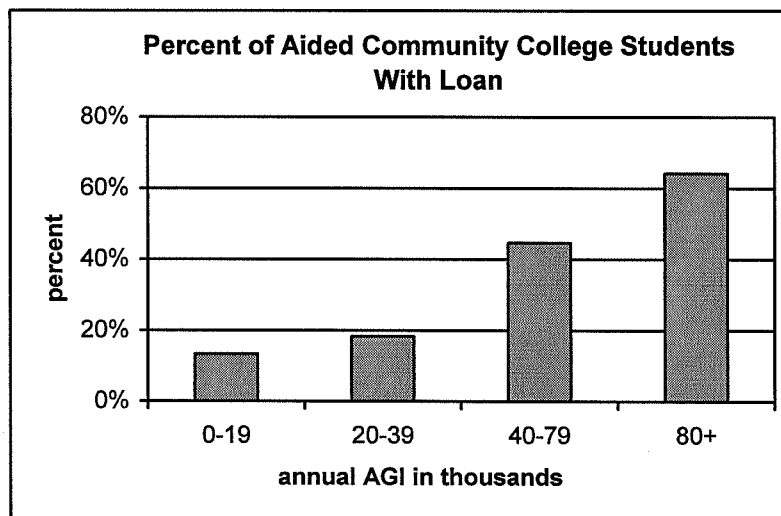
went to students in the \$80,000 or over range consisted of loans only (53.3 percent) or scholarships only (27.4 percent).

Table 20. Aid Packages Awarded to Community College Students by Income

Aid Package	Adjusted Gross Income		
	\$0 thru \$39,999	\$40,000 thru \$79,999	\$80,000 +
Grant only	68.4%	32.1%	3.9%
"Other" only	1.9%	1.5%	2.2%
Scholarship only	2.1%	11.7%	27.4%
Grant + Loan	9.4%	11.6%	2.5%
Loan only	3.4%	25.4%	53.3%
Grant + Scholarship	6.0%	6.9%	0.8%
Grant + Loan + Scholarship	1.1%	1.9%	0.2%
Loan + Scholarship	0.2%	3.3%	6.2%
Grant + Loan + Other	0.9%	1.0%	0.1%
All Other Combinations	6.5%	4.5%	3.5%
	100.0%	100.0%	100.0%

As income rose, the percent of students that had a loan as part of their total aid package rose. Only 13.3 percent of students in the under-\$20,000 income range received loans, compared to 64.1 percent of students in the \$80,000 and above range.

Figure 8



Public Four-Year Colleges and Universities

A quarter of all public four-year college students awarded financial aid received loans alone, with an average loan award amount of \$8,438 (Table 21). An additional quarter received a combination of grants and loans (average total award was \$10,106). The aid package of 15.1 percent of students consisted of scholarships only, and 7.5 percent relied just on need-based grants. More than two-thirds (68 percent) of public four-year college students awarded aid received loans as part of their total aid package.

Figure 9

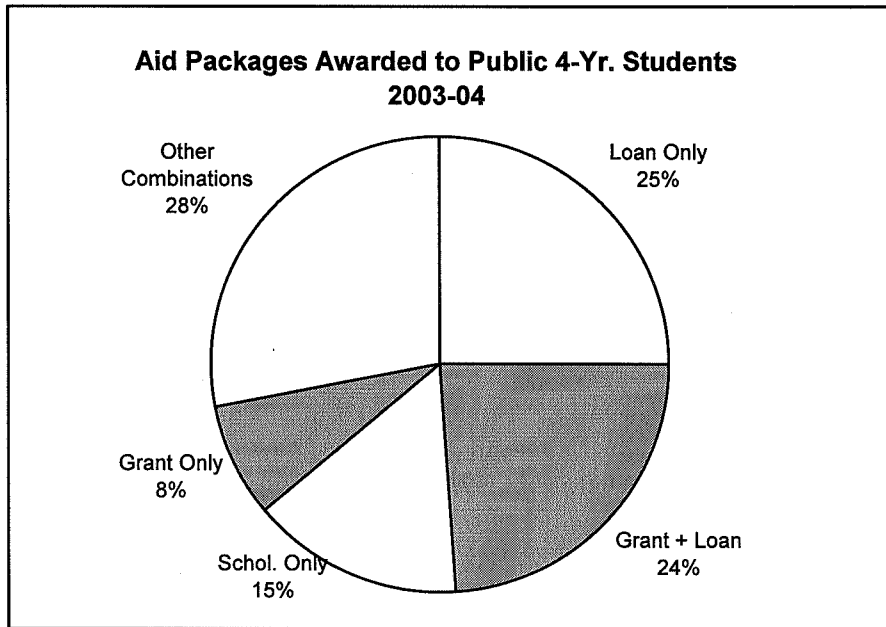


Table 21. Aid Package Combinations Awarded to Public 4-Yr. Students

Aid Package	N Students	%	Av. Award
Loan Only	16,224	25.1%	\$8,438
Grant + Loan	15,759	24.4%	\$10,106
Scholarship only	9,750	15.1%	\$6,236
Grant Only	4,815	7.5%	\$4,035
Loan + Scholarship	4,741	7.3%	\$10,809
Grant + Loan + Scholarship	3,752	5.8%	\$12,797
Grant + Scholarship	2,399	3.7%	\$9,707
"Other" Only	2,197	3.4%	\$2,527
Grant + Loan + Other	1,948	3.0%	\$13,531
All Other Combinations	3,014	4.7%	\$10,813

Almost half (46.3 percent) of the students with incomes under \$40,000 received grant/loan combinations (Table 22). Another 13.4 percent received grants alone, while 12.7 percent received just loans. For students in the \$40,000-\$79,999 dollar income range, one-third received loans only and one-fourth got a combination of grants and loans.

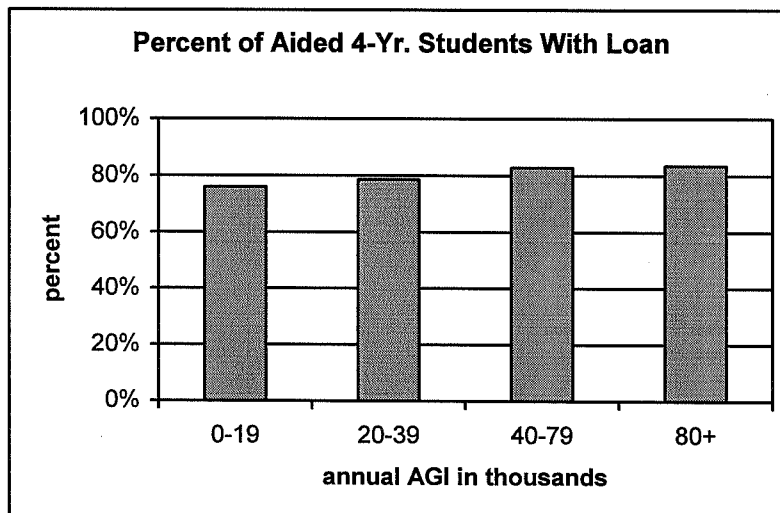
At the highest income level (\$80,000 and over), over half (54.5 percent) of the students who received aid received loans alone. Loan/scholarship combinations went to 19.1 percent, while 13.0 received just scholarships.

Table 22. Aid Package Combinations Awarded to Public 4-Yr. Students by Income

Aid Package	Adjusted Gross Income		
	\$0 thru \$39,999	\$40,000 thru \$79,999	\$80,000 +
Loan Only	12.7%	33.3%	54.5%
Grant + Loan	46.3%	24.7%	4.2%
Scholarship only	1.3%	5.3%	13.0%
Grant Only	13.4%	5.2%	1.0%
Loan + Scholarship	1.8%	9.8%	19.1%
Grant + Loan + Scholarship	8.4%	8.9%	2.0%
Grant + Scholarship	5.3%	4.6%	0.9%
"Other" Only	0.3%	0.4%	0.6%
Grant + Loan + Other	5.5%	2.8%	0.7%
All Other Combinations	4.9%	5.0%	3.9%
	100.0%	100.0%	100.0%

At least three-quarters of public four-year undergraduates at every income range had obtained a loan as part of their total aid package. As income rose, the percent receiving loans increased only slightly. In the under-\$20,000 income range, 76.0 percent of students received loans, compared to 83.4 percent in the \$80,000 and over range.

Figure 10



Financial Aid Awarded to Students

Without Income Data

Community Colleges

About 22 percent of community college students who received financial aid in academic year 2003-04 did not have income information in the data file. They received \$13.9 million dollars in financial aid or about 10 percent of the total amount awarded to community college students.

Of the 11,676 community college students with no income data, the vast majority (87.4 percent) did not submit FAFSA. The following analyses were made on this subset.

The 10,200 community college students who did not submit FAFSA and for whom there was no income data tended to have more men (38 percent) and more white students (65 percent) than the group of aid recipients for whom income figures were available.

Table 23. Demographic Characteristics of Community College Students Without Income Data Who Did Not Submit FAFSA

		N Students	%
Gender	Men	3853	37.8%
	Women	6347	62.2%
Race/ Ethnicity	African Am	1,965	19.3%
	Native Am	43	<1%
	Asian Am	287	2.8%
	Hispanic	237	2.3%
	White	6,587	64.6%
	Foreign	78	<1%
	Other	1,003	9.8%
	Total	10,200	100%

Type of Aid

About 42 percent of the total aid to those students with no FAFSA and no income data were categorized as “all other”, which includes work study, all types of tuition waivers, and diversity grants (Table 24). A third was scholarship aid. In contrast, only five percent of the total dollars that their counterparts (those with income data) received were categorized as “other” and five percent were scholarships.

Table 24. Type of Aid Awarded to Community College Students without Income Data Who Did Not Submit FAFSA

	% Of Total Award \$	Av Award	N Students
Grants	22.6%	\$1,172	1,893
Loans	2.2%	\$3,520	62
Scholarships	32.7%	\$1,041	3,087
All Other	42.6%	\$709	5,902

Note: All Other includes tuition waivers for students, employees and their dependents and work-study.

Source of Aid

The institutions were the source of over half of the aid (55.7 percent) to community college students with no FAFSA and no income data. This is in sharp contrast to the proportion of aid from institutions (six percent) that went to those for whom income data were provided.

Table 25. Source of Aid Awarded to Community College Students without Income Data Who Did Not Submit FAFSA

	% Of Total Award \$	Av Award	N Students
Federal	20.5%	\$2,555	789
State	6.1%	\$888	673
Institution	55.7%	\$735	7,451
Private	17.7%	\$824	2,113

Note: Institutional aid includes tuition waivers for students and employees and their dependents.

Public Four-Year Colleges and Universities

About 23 percent of students at Maryland's public four-year colleges and universities who received financial aid in academic year 2003-04 did not have income in the data file. They received \$61.3 million dollars in financial aid or about 13 percent of the total amount awarded to public four-year students.

Of the 14,796 public four-year undergraduates with no income data, two-thirds did not submit FAFSA. The following analyses were made on this subset.

The 9,781 public four-year students who did not submit FAFSA and for whom there was no income data tended to have more men (45 percent) and more white students (64 percent) than the aid recipients for whom income figures were available (Table 26.).

Table 26. Demographic Characteristics of Public 4-Yr. Students without Income Data Who Did Not Submit FAFSA

		N Students	%
Gender	Men	4,377	44.8%
	Women	5,404	55.3%
Race/ Ethnicity	African Am	1,736	17.7%
	Native Am	41	<1%
	Asian Am	658	6.7%
	Hispanic	241	2.5%
	White	6,224	63.6%
	Foreign	327	3.3%
	Other	554	5.7%
Total		9,781	100%

Type of Aid

Scholarships made up almost three-fourths (73.3 percent) of the aid dollars received by public four-year students with no FAFSA and no income data. Only 12 percent of the aid that went to those with income data was in the form of scholarship aid.

Table 27. Type of Aid Awarded to Public 4-Yr. Students without Income Data Who Did Not Submit FAFSA

	% Of Total Award \$	Av Award	N Students
Grants	2.3%	\$3,093	452
Loans	14.9%	\$10,975	834
Scholarships	73.3%	\$6,463	6,963
All Other	9.5%	\$2,746	2,126

Note: All Other includes tuition waivers for students, employees and their dependents and work-study.

Source of Aid

The institutions were the source of over half (52.6 percent) the aid to public four-year college students with no FAFSA and no income data (Table 28). Only 10 percent of the aid to those with income data came from institutions. Thirty percent of the aid to students with no FAFSA and no income data came from private sources.

Table 28. Source of Aid Awarded to Public 4-Yr. Students without Income Data Who Did Not Submit FAFSA

	% Of Total Award \$	Av Award	N Students
Federal	7.5%	\$9,973	459
State	10.5%	\$3,031	2,119
Institution	52.6%	\$5,457	5,918
Private	29.5%	\$5,562	3,253

Note: Institutional aid includes tuition waivers for students and employees and their dependents.

Appendix

Table 29. Definitions 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 & Occ
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 & Occ
V55 1302 U-Dev Dis		Scholshp	State	Career & Occ
V57 1303 U-Dist. Scholar		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 & Occ
V65 1307 U-Hope General	Y	Scholshp	State	Career & Occ
V67 1308 U-Dist. Scholar Teacher		Scholshp	State	Merit
V69 1309 U-MD Teacher		Scholshp	State	Career & Occ
V71 1310 U-Sharon Christa		Scholshp	State	Career & Occ
V73 1311 U-State Nursing Living Exp ¹	Y	Scholshp	State	Career & Occ
V75 1312 U-Phys. Occup. Thera		Scholshp	State	Career & Occ
V77 1313 U-Science and Tech		Scholshp	State	Career & Occ
V79 1314 U-Ed Conroy		Scholshp	State	Unique Pop
V81 1315 U-Diversity Grants		Other	State	Unique Pop
V83 1316 U-Federal Scholarships		Scholshp	Fed	
V85 1317 U-Inst. Athletic Schol		Scholshp	Instit	
V87 1318 U-Other Inst. Schol		Scholshp	Instit	
V89 1319 U-Private Athletic Schol		Scholshp	Private	
V91 1320 U-Other Private Schol		Scholshp	Private	
V93 1321 U-Tuition Waivers: Emps, 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.