

**San Diego Community College District
Degree and Certificate Report
2003 Awards**

Prepared by the Office of Institutional Research and Planning
San Diego Community College District

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San Diego Community College District Degree and Certificate Report 2003 Awards

Introduction

The purpose of this report is to provide a descriptive analysis of the degree and certificate recipients in the San Diego Community College District (SDCCD). In 2003¹, nearly 4,000 associate degrees and certificates were awarded by the three community colleges in the district. The number of degrees and certificates described in this report may differ slightly from what is reported for the colleges in the Partnerships for Excellence (PFE) Report produced by the State Chancellor's Office. The primary reason for this discrepancy is the timing of the official submission of data.

The associate degree program has a 60-unit requirement and includes both the associate in arts and the associate in science degrees. The associate in arts degree is awarded in the social sciences, humanities, the arts, and similar disciplines. The associate in science degree is awarded in engineering, physical and biological sciences, and occupational curricula (see college catalog for a list of degree programs).

The colleges award two types of certificates, the "certificate of achievement" and the "certificate of completion". The certificate of achievement program is designed for students with specific personal or occupational goals. Certificate of achievement programs are issued based on the number of units required: 60 or more units, 30 to 59 units, and 18 to 29 units. For this report, two types of certificates of achievement are reported: "certificates of achievement (30+ units)", (combining those that are 60+ units and those that are 30+ units), and "certificates of achievement (18+ units)", which include programs that require between 18 and 29 units.

Certificate of completion programs are not routinely recorded on the database system and therefore currently unavailable for this report. Note that throughout this report, the term "certificate" refers only to certificates of achievement.

Awards vs. Recipients

In 2003, City, Mesa, and Miramar colleges awarded a total of 3,784 associate degrees and certificates to 3,064 recipients. Some recipients obtained more than one award. The analyses in this report are divided into two parts. The first part will focus on the awards and the second part will provide a profile of the award recipients.

¹ Reflects degrees and certificates awarded at the end of 2003.

Part 1: Awards

The focus of analysis in this section is the 3,784 associate degrees and certificates awarded in 2003. It should be noted that the data assessed in this section are duplicated. Descriptive analyses were conducted in the following three areas:

- A. ***Total Awards***: The total number of associate in arts degrees, associate in science degrees, certificates of achievement (30+ units) and certificates of achievement (18 + units) awarded in 2003 was compared to comparable data in 2003.
- B. ***Awards by Major***: The most popular majors for which degrees and certificates were awarded in 2003 were summarized by award category. For this section, the associate in arts and the associate in science degree awards were combined as “associate degree awards”.
- C. ***Awards by Ethnicity***: The proportion of degrees and certificates awarded in 2003 by ethnic group was compared to the: (1) comparable ethnic proportion of the fall 2003 student population, and (2) comparable ethnic proportion of degrees and certificates awarded in 2003.

Part 2: Profile of Recipients

This section provides an analysis of the demographic background of the 3,064 award recipients in 2003. The data reported in this section are unduplicated. Descriptive analyses include:

- A. ***Recipient Demographics***: The 2003 degree and certificate recipients were described in terms of gender and ethnicity.
- B. ***Single² and Multiple³ Award Recipients***: This section consisted of demographic comparisons between single and multiple award recipients in 2003. In addition, single and multiple award recipients in 2003 were described in terms of the number of awards they received and the type (or combination of types) of awards they received.
- C. ***Previous Award Status***: Demographic information of award recipients with additional degrees and certificates received prior to 2003 (1950 to 2003) were compared to recipients with no previous awards.

² Single award recipients are defined as those who received only one award (degree and/or certificate) in 2003 as indicated on their student record.

³ Multiple award recipients are defined as those who received more than one award (degree and/or certificate) in 2003 as indicated on their student record.

D. *Average Number of Completed Units and Semesters:* The average number of units and semesters completed by recipients was evaluated in terms of ethnicity. However, since the average number of completed units and semesters is affected by the number of awards received, only those who received a single SDCCD award in 2003 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2003) were included in the analysis.

Results of the analyses were summarized separately for the district and each of the three colleges and are provided in the following four sections:

- Section I – Districtwide Summary
- Section II – City College Summary
- Section III – Mesa College Summary
- Section IV – Miramar College Summary

Section I

Districtwide Summary

Part 1: Awards

A. TOTAL AWARDS - Districtwide

(Note: Data in this section are Duplicated)

1. Total Number of Degrees and Certificates Awarded – 2002 vs. 2003 (Table 1)

- The total number of degrees and certificates awarded districtwide in 2003 was 3,784, slightly more than the previous year (3,705 awards in 2002).
- In comparison to 2002, in 2003 there was a six percent (6%) increase in the number of associate in arts degrees awarded, a two percent increase (2%) in the number of associate in science degrees awarded, and a six percent (6%) increase in the number of certificates of achievement (18+ units) awarded. However, the number of certificates of achievement (30+ units) awarded decreased by eleven percent (11%).

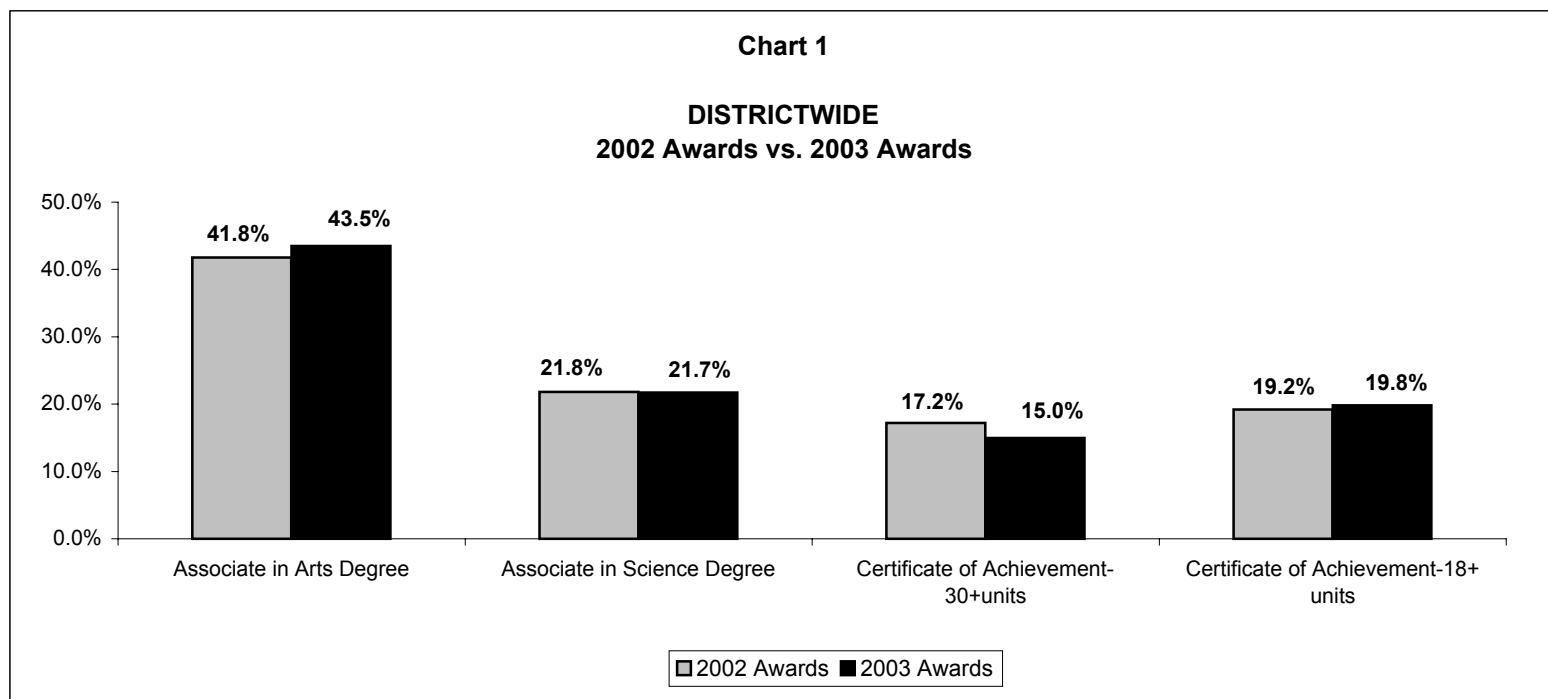
2. Total Number of Degrees and Certificates Awarded in 2003 (Chart 1)

- Forty-four percent (44%) of all degrees and certificates awarded districtwide in 2003 were associate in arts degrees, 22% were associates in science degrees, 15% were certificates of achievement (30+ units), and 20% were certificates of achievement (18+ units).

Table 1

**Total Number of Degrees and Certificates Awarded¹ - DISTRICTWIDE
2002 Awards vs. 2003 Awards**

	2002		2003		Change	% Change
Districtwide						
Associate in Arts Degree	1,547	41.8%	1,645	43.5%	98	6.3%
Associate in Science Degree	809	21.8%	822	21.7%	13	1.6%
Certificate of Achievement ² - 30+Units	638	17.2%	567	15.0%	-71	-11.1%
Certificate of Achievement ³ - 18+ units	711	19.2%	750	19.8%	39	5.5%
TOTAL	3,705	100.0%	3,784	100.0%	79	2.1%



Note 1: Data reflect duplicated recipient counts.

Note 2: Includes only certificate of achievement programs that require 30 or more units.

Note 3: Includes only certificate of achievement programs that require between 18 and 29 units.

Note 4: % Change = (2003 Awards - 2002 Awards) / 2002 Awards.

B. AWARDS BY MAJOR - Districtwide

(Note: Data in this section are Duplicated)

1. Associate Degree

- The Transfer Studies CSU major represented 31% of the total number of associate degrees awarded in 2003 followed by the Liberal Arts – Option I – CSU General Education major, which represented 8% of the associate degree awards. The percentage of associate degree awards in each of the remaining majors did not exceed 7% of the total.

Table 2
2003 Associate Degree Awards by Major*

Major	Frequency	Percent
TRANSFER STUDIES CSU	770	31.2%
LIBERAL ARTS-OPTION I	205	8.3%
TRANSFER STUDIES-T.A.G. - UC	167	6.8%
SELECTED STUDIES	105	4.3%
TRANSFER STUDIES IGETC UC	89	3.6%
BUSINESS ADMINISTRATION	85	3.4%
CHILD DEVELOPMENT	80	3.2%
TRANSFER STUDIES OTHER	55	2.2%
NURSING EDUCATION RN	54	2.2%
BIOLOGY - ALLIED HEALTH	37	1.5%
PSYCHOLOGY	32	1.3%
COMPUTER/INFORMATION SCIENCE	32	1.3%
ANIMAL HEALTH TECHNOLOGY	28	1.1%
BUS STUDIES SDSU BUSINESS ADM	27	1.1%
BEHAVIORAL SCI-ALCOHOL & DRUG	24	1.0%
COMP BUS TECH-ADMIN ASSISTANT	24	1.0%
FIPT FIRE TECHNOLOGY	24	1.0%
HEALTH INFORMATION TECHNOLOGY	23	0.9%
BEHAVIORAL SCIENCE-PSYCHOLOGY	22	0.9%
MATHEMATICS	21	0.9%
Other Majors	563	22.8%
TOTAL	2467	100.0%

* This table includes disaggregated data for the top 20 most popular majors districtwide only. A complete listing of associate degree awards by major is provided in Appendix A.

B. AWARDS BY MAJOR - Districtwide (continued)

(Note: Data in this section are Duplicated)

2. Certificate of Achievement (30+ Units)

- Of the total number of certificate of achievement (30+ units) awards given in 2003, 12% were in Cosmetology, followed by 9% in Behavioral Science-Alcohol and Drug, and 7% in Business Administration. The percentage of certificate of achievement (30+ units) awards in each of the remaining majors did not exceed 6% of the total.

Table 3
2003 Certificate of Achievement (30+ Units) Awards by Major*

Major	Frequency	Percent
COSMETOLOGY	69	12.2%
BEHAVIORAL SCI-ALCOHOL & DRUG	53	9.3%
BUSINESS ADMINISTRATION	37	6.5%
RADIOLOGIC TECHNOLOGY	32	5.6%
COMPUTER/INFORMATION SCIENCE	31	5.5%
BLDG TRDS-ELECTRICAL TRADE OPT	30	5.3%
AVIATION MAINT TECH-AIRFRAME	22	3.9%
AVIATION MAINT TECH-POWERPLANT	21	3.7%
SDG&E APPRENTICE LINEMAN	18	3.2%
PIPEFITTING APPRENTICE	13	2.3%
AMERICAN SIGN LANGUAGE INTERP	12	2.1%
CHILD DEVELOPMNT MASTER TEACHR	12	2.1%
LEGAL ASSISTANT	12	2.1%
CONS TRDS-PLUMBING TRADE OPT	10	1.8%
AIR CONDITIONING/REFRIGERATION	10	1.8%
CONS TRDS-ELECTRICAL TRADE OPT	9	1.6%
BLDG TRDS-PLUMBING TRADE OPT	9	1.6%
ELECTRONICS TECH-COMMUNICATION	9	1.6%
INTERIOR DESIGN	9	1.6%
FASHION-FASHION MERCHANDISING	8	1.4%
Other Majors	141	24.9%
TOTAL	567	100.0%

* This table includes disaggregated data for the top 20 most popular majors districtwide only. A complete listing of certificate of achievement (30+ units) awards by major is provided in Appendix B.

B. AWARDS BY MAJOR - Districtwide (continued)

(Note: Data in this section are Duplicated)

3. Certificate of Achievement (18+ Units)

- Of the certificates of achievement (18+ units) awarded in 2003, Child Development Teacher was the most popular major (11%), followed by Child Development Associate Teacher (10.5%) and Administration of Justice – Law Enforcement Technician (10%). The percentage of certificate of achievement (18+ units) awards in each of the remaining majors did not exceed 10% of the total.

Table 4
2003 Certificate of Achievement (18+ Units) Awards by Major*

Major	Frequency	Percent
CHILD DEVELOPMENT TEACHER	83	11.1%
CHILD DEVELOPMNT ASSOC TEACHER	79	10.5%
ADM OF JUST-LAW ENFO TECH	72	9.6%
BUSINESS ADMINISTRATION	53	7.1%
CERT PHYS ED-FITNESS SPECIALST	35	4.7%
COMP BUS TECH-ADMIN ASSISTANT	24	3.2%
AUTO TECH - AUTO BRAKES & SUSP	21	2.8%
AUTO TECH - AUTO TRANSMISSION	21	2.8%
ACCOUNTING	21	2.8%
FIPT FIRE TECHNOLOGY	20	2.7%
ADMIN OF JUST-INVESTIGATIONS	19	2.5%
INTERIOR DESIGN	18	2.4%
AUTO TECH - AUTO ENGINE	16	2.1%
AUTO TECH - AUTO ELECTRIC	16	2.1%
REAL ESTATE	15	2.0%
ELECTRICITY	14	1.9%
HEAT/AC/VENT & AC/DESIGN	13	1.7%
BLDG CONST TECH-INSPECTION	12	1.6%
DENTAL ASSISTING	12	1.6%
FOOD SERVICE OCCUPATIONS	11	1.5%
ELECTRONICS TECHNOLOGY	11	1.5%
CMP BUS TECH MICROCMPUTER APPL	11	1.5%
Other Majors	153	20.4%
Total	750	100.0%

* This table includes disaggregated data for the top 20 most popular majors districtwide only. A complete listing of certificate of achievement (18+ units) awards by major is provided in Appendix C.

C. AWARDS BY ETHNICITY – Districtwide

(Note: Data in this section are Duplicated)

1. 2003 Degrees and Certificates Awarded by Ethnicity (Table 5)

- Of all degrees and certificates awarded in 2003, the ethnic distribution of recipients included: 44% whites, 14% Latinos, 14% Asians, 8% African Americans, and 8% Filipinos. By comparison, the ethnic distribution of certificate of achievement (30+ units) recipients showed higher percentages of African American, white, and Latino award recipients (African American, 11%; white, 46%; Latino, 18%). For certificate of achievement (18+ units) awards, the percentage of Latino recipients was higher (22%), while the percentage of white recipients was lower (39%). There was no significant change in the ethnic group percentages for associate degree awards.

2. Comparisons of Ethnicities of 2003 Degree and Certificate Recipients and Fall 2003 Student Population (Chart 2, Chart 3, and Chart 4)

- Of the number of associate degrees and certificates awarded in 2003, the proportions of Asian recipients were generally higher than the corresponding proportions of Asians in the fall 2003 district student population (associate degree, 14% of awards vs. 12% of population; certificate of achievement (30+ units), 11% of awards vs. 9 % of population; certificate of achievement (18+ units), 14% of awards vs. 12% of population).
- The proportion of certificate of achievement (18+ units) awards that were received by whites was slightly lower than the corresponding proportion of whites in the fall 2003 district student population (39% of awards vs. 41% of population). By comparison, the proportions of associate degree and certificate of achievement (30+ units) awards received by whites were higher than the corresponding proportion of whites in the fall 2003 district student population.

3. Comparisons of Ethnicities of Degree and Certificate Recipients: 2002 Awards vs. 2003 Awards (Chart 5, Chart 6, and Chart 7)

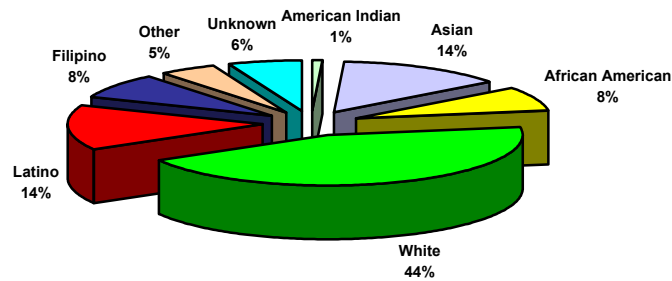
- In 2003, the percentages of associate degree and certificate of achievement (18+ units) awards that were received by Asians decreased notably from the previous year (associate degree, 16% of 2002 awards vs. 14% of 2003 awards; certificate of achievement (30+ units), 15% of 2002 awards vs. 12% of 2003 awards; certificate of achievement (18+ units), 16% of 2002 awards vs. 13% of 2003 awards). In contrast, the percentage of associate degree awards received by whites in 2003 increased from the previous year (43% of 2002 awards vs. 44% of 2003 awards), as did the percentage of certificate of achievement (18+ units) awards received by Latinos (18% of 2002 awards vs. 22% of 2003 awards).

Table 5

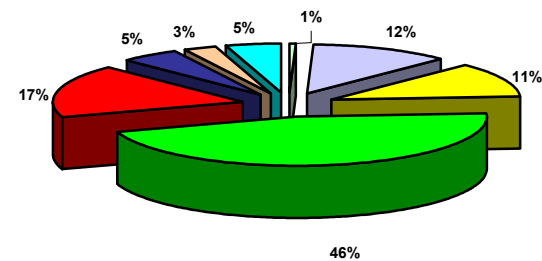
2003 Degree and Certificate Awards by Ethnicity - DISTRICTWIDE

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT 30+units		CERTIFICATE OF ACHIEVEMENT 18+ units		TOTAL AWARDS	
	2003 AWARDS		2003 AWARDS		2003 AWARDS			
	N	%	N	%	N	%	N	%
American Indian	23	0.9%	3	0.5%	1	0.1%	27	0.7%
Asian	341	13.8%	68	12.0%	108	14.4%	517	13.7%
African American	194	7.9%	64	11.3%	89	11.9%	347	9.2%
White	1090	44.2%	262	46.2%	294	39.2%	1,646	43.5%
Latino	352	14.3%	99	17.5%	164	21.9%	615	16.3%
Filipino	200	8.1%	29	5.1%	33	4.4%	262	6.9%
Other	118	4.8%	15	2.6%	30	4.0%	163	4.3%
Unknown	149	6.0%	27	4.8%	31	4.1%	207	5.5%
TOTAL	2,467	100.0%	567	100.0%	750	100.0%	3,784	100.0%

Associate Degree



Certificate of Achievement 30+ Units



Certificate of Achievement 18+ Units

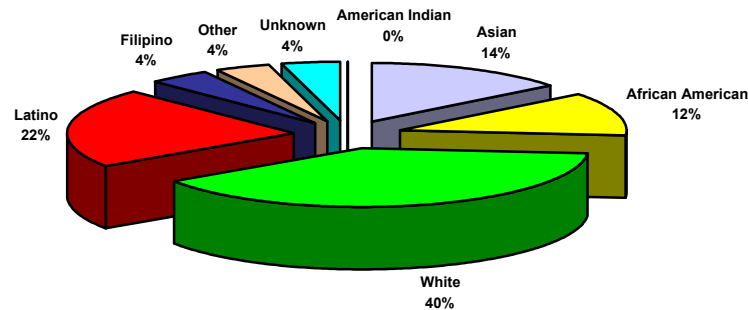


Chart 2

DISTRICTWIDE
Comparisons of Ethnicities of 2003 Associate Degree Recipients and
Fall 2003 Student Population

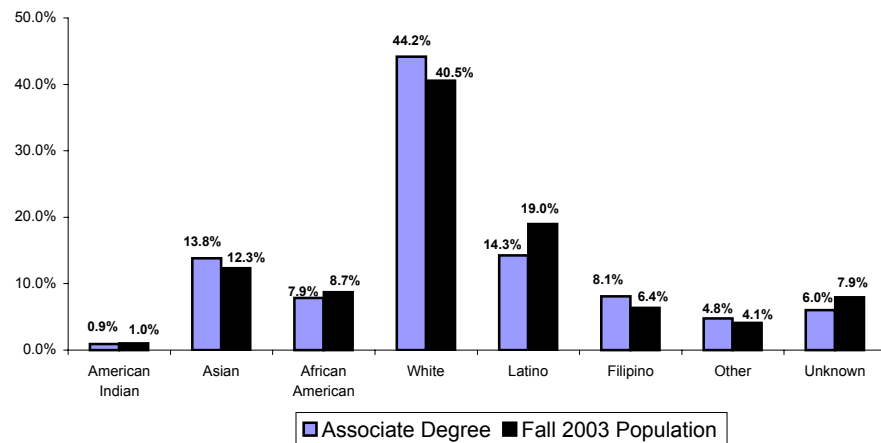


Chart 3

DISTRICTWIDE
Comparisons of Ethnicities of 2003 Certificate of
Achievement 30+ Units Recipients and Fall 2003 Student Population

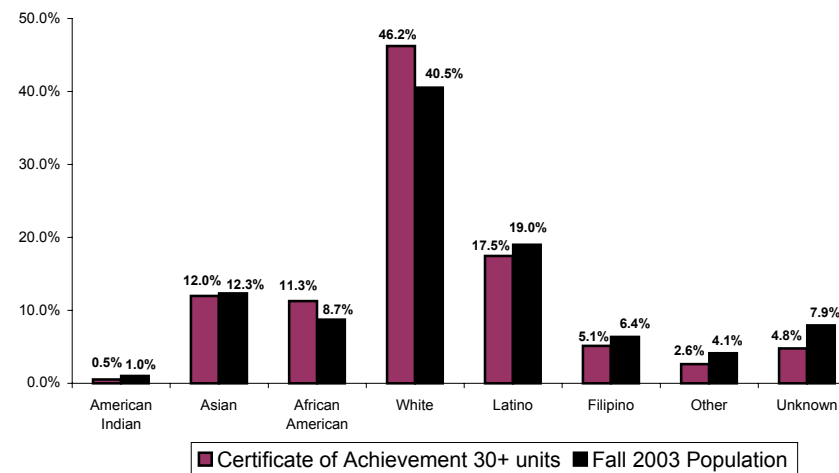


Chart 4

DISTRICTWIDE
Comparisons of Ethnicities of 2003 Certificate of Achievement 18+
Units Recipients and Fall 2003 Student Population

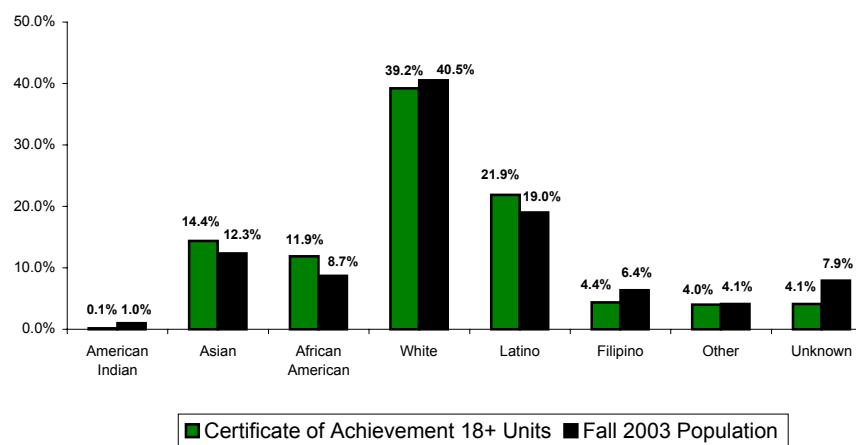


Chart 5

DISTRICTWIDE
Comparisons of Ethnicities of Associate Degree Recipients: 2002
Awards vs. 2003 Awards

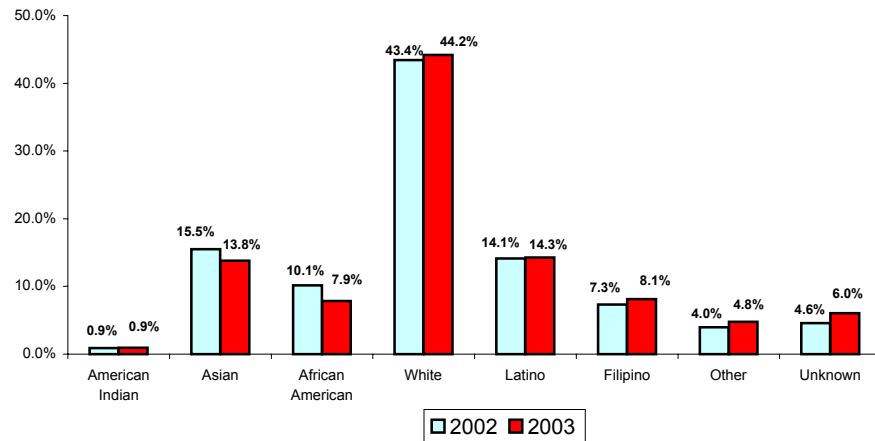


Chart 6

DISTRICTWIDE
Comparisons of Ethnicities of Certificate of Achievement 30+ Units
Recipients
2002 Awards vs. 2003 Awards

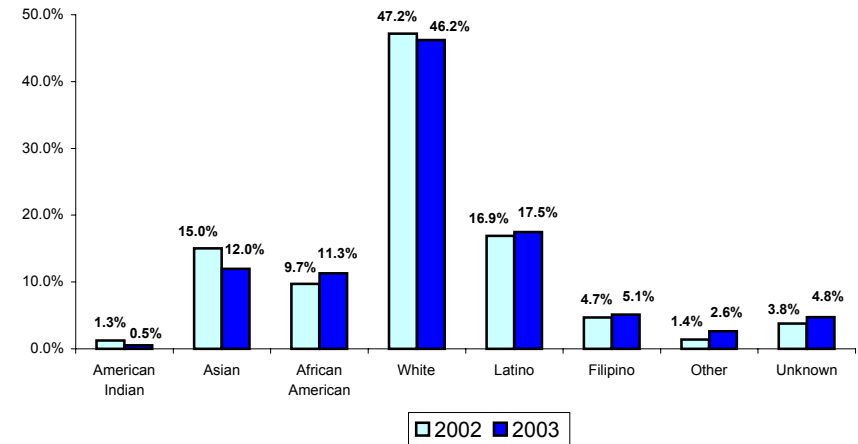
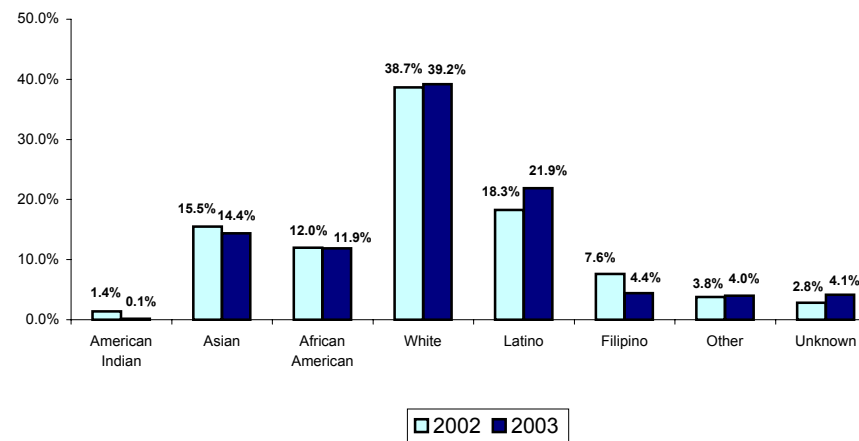


Chart 7

DISTRICTWIDE
Comparisons of Ethnicities of Certificate of Achievement 18+ Units
Recipients
2002 Awards vs. 2003 Awards



Part 2: Profile of Recipients

A. RECIPIENT DEMOGRAPHICS - Districtwide

(Note: Data in this section are Unduplicated)

1. 2003 Degree and Certificate Award Recipients by Ethnicity (Table 6)

- Of all award recipients in 2003, 45% were white, 16% were Latino, 13% were Asian, 9% were African American, and 7% were Filipino.

2. 2003 Degree and Certificate Award Recipients by Gender (Table 7)

- In 2003, females constituted a majority of the 3,064 award recipients (54%).

Table 6

2003 Degree and Certificate Award Recipients by Ethnicity - DISTRICTWIDE

ETHNICITY	N	%
American Indian	23	0.8%
Asian	402	13.1%
African American	261	8.5%
White	1376	44.9%
Latino	483	15.8%
Filipino	212	6.9%
Other	135	4.4%
Unknown	172	5.6%
TOTAL	3,064	100.0%

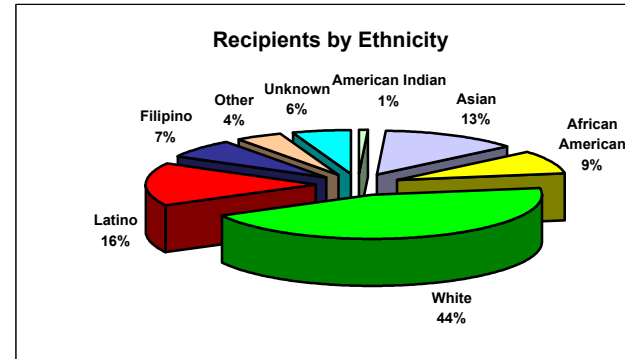
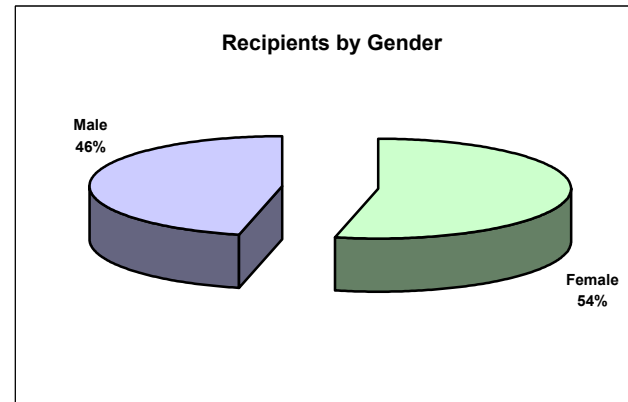


Table 7

2003 Degree and Certificate Award Recipients by Gender - DISTRICTWIDE

GENDER	N	%
Female	1641	53.6%
Male	1423	46.4%
TOTAL	3064	100.0%



B. SINGLE AND MULTIPLE AWARD RECIPIENTS - Districtwide

(Note: Data in this section are Unduplicated)

1. 2003 Single and Multiple Award Recipients by Number of Awards Received (Table 8)

- In 2003, 81% of the award recipients received one award, 15% received two awards, 3% received three awards, and the remaining 1% received four or more awards.

2. 2003 Single and Multiple Award Recipients by Award Type (Table 9)

- Of the recipients who received one award in 2003, 74% of them received an associate degree, while 13% received a certificate of achievement (30+ units) and another 13% received a certificate of achievement (18+ units).
- Of the 466 students who received two awards in 2003, 34% received an associate degree and a certificate of achievement (30+ units), while 35% received an associate degree and a certificate of achievement (18+ units).
- About 47% of the recipients with three awards received a combination of associate degrees and certificates of achievement (18+ units).

Table 8

2003 Single and Multiple Award Recipients by Number of Awards Received - DISTRICTWIDE

Number of Awards Received in 2003	N	%
One Award	2,492	81.3%
Two Awards	466	15.2%
Three Awards	78	2.5%
Four Awards	20	0.7%
Five Awards	5	0.2%
Six Awards	3	0.1%
TOTAL	3,064	100.0%

Table 9

2003 Single and Multiple Award Recipients by Award Type - DISTRICTWIDE

Number of Awards Received in 2003	Associate Degrees Only		Certificates of Achievement 30+ Units Only		Certificates of Achievement 18+ Units Only		Combination of Assoc. Deg. & C.of A. 30+ units		Combination of Assoc. Deg. & C.of A. 18+ units		Combination of C.of A. 30+ units & C.of A. 18+ units		Combination Assoc. Deg., C.of A. 30+ units & C.of A. 18+ units		TOTAL
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
One Award	1,845	74.0%	327	13.1%	320	12.8%									2,492
Two Awards	89	19.1%	8	1.7%	33	7.1%	156	33.5%	165	35.4%	15	3.2%			466
Three Awards	2	2.6%	0	0.0%	8	10.3%	19	24.4%	37	47.4%	4	5.1%	8	10.3%	78
Four Awards	-	0.0%	0	0.0%	12	60.0%	0	0.0%	4	20.0%	0	0.0%	4	20.0%	20
Five Awards	-	0.0%	0	0.0%	0	0.0%	1	20.0%	1	20.0%	2	40.0%	1	20.0%	5
Six Awards	-	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	66.7%	1	33.3%	3
TOTAL	1,936	63.2%	335	10.9%	373	12.2%	176	5.7%	207	6.8%	23	0.8%	14	0.5%	3,064

C. PREVIOUS AWARD STATUS⁴ - Districtwide

(Note: Data in this section are Unduplicated)

1. 2003 Award Recipients: No Previous Awards vs. Previous Awards by Ethnicity (Table 10 and Chart 8)

- African American and Latino recipients represented a higher percentage of recipients with previous awards than their corresponding percentage among all 2003 award recipients (African American, 15% of previous award recipients vs. 9% of all award recipients; Latino, 18% of previous award recipients vs. 16% of all award recipients).

2. 2003 Award Recipients: No Previous Awards vs. Previous Awards by Gender (Table 11 and Chart 9)

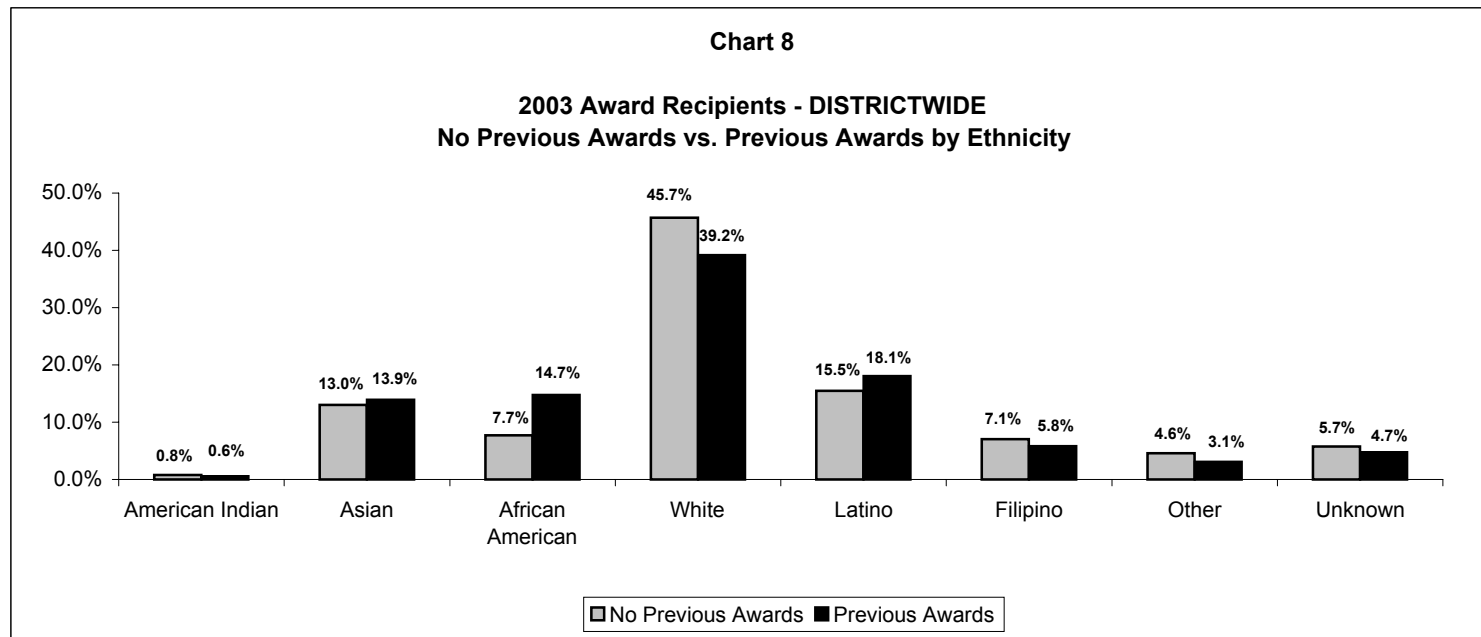
- Females represented 58% of the 2003 award recipients with previous awards, but represented only 54% of all 2003 award recipients.

⁴ Recipients with previous awards include those with additional degrees and certificates received prior to 2003 (1950 to 2002).

Table 10

**2003 Award Recipients - DISTRICTWIDE
No Previous Awards¹ vs. Previous Awards by Ethnicity**

	No Previous Awards		Previous Awards		TOTAL	
	N	%	N	%	N	%
American Indian	21	0.8%	2	0.6%	23	0.8%
Asian	352	13.0%	50	13.9%	402	13.1%
African American	208	7.7%	53	14.7%	261	8.5%
White	1235	45.7%	141	39.2%	1,376	44.9%
Latino	418	15.5%	65	18.1%	483	15.8%
Filipino	191	7.1%	21	5.8%	212	6.9%
Other	124	4.6%	11	3.1%	135	4.4%
Unknown	155	5.7%	17	4.7%	172	5.6%
TOTAL	2,704	100.0%	360	100.0%	3,064	100.0%

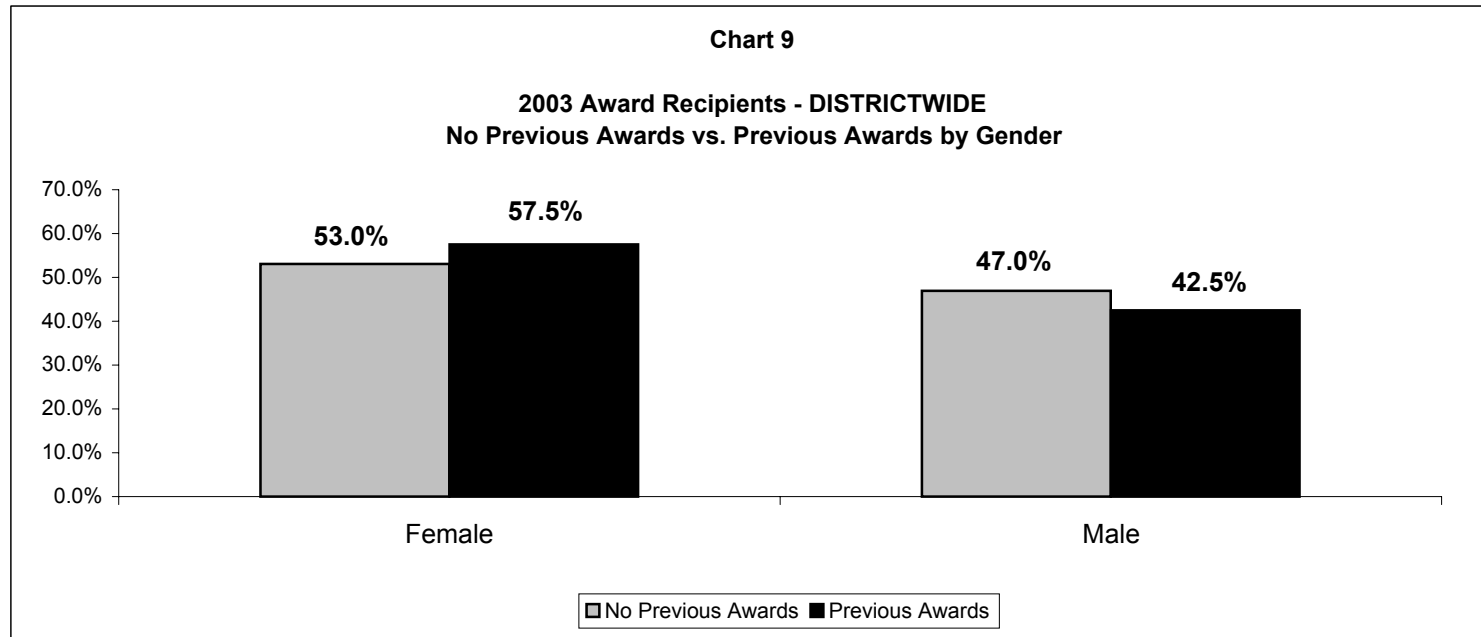


Note 1: Award recipients with additional degrees and certificates received prior to 2003 (1950 to 2002).

Table 11

**2003 Award Recipients - DISTRICTWIDE
No Previous Awards¹ vs. Previous Awards by Gender**

	No Previous Awards		Previous Awards		TOTAL	
	N	%	N	%	N	%
Female	1434	53.0%	207	57.5%	1,641	53.6%
Male	1270	47.0%	153	42.5%	1,423	46.4%
TOTAL	2,704	100.0%	360	100.0%	3,064	100.0%



Note 1: Award recipients with additional degrees and certificates received prior to 2003 (1950 to 2002).

D. AVERAGE NUMBER OF COMPLETED UNITS AND SEMESTERS⁵ - Districtwide

(Note: Data in this section are Unduplicated)

1. 2003 Award Recipients: Average Number of Units Completed by Ethnic Group (Table 12)

- Of the 2,222 single award recipients⁵ in 2003, 1,630 were associate degree recipients, 304 were certificates of achievement (30+ units), and 288 were certificate of achievement (18+ units) recipients.
- Associate degree recipients completed an average of 66 units, slightly higher than the 60 unit requirement for associate degrees. As expected, the average was lower (51 units) for certificate of achievement (30+ units) recipients given that only 30 units or more are required for this certificate. Although certificate of achievement (18+ units) requires no more than 29 units, first-time recipients of this type of award completed an average of 45 units.
- Comparisons by ethnic group showed Asian recipients with the highest average number (76 units) of completed units for associate degree and certificate of achievement (30+ units) awards was 59 units. By comparison, white recipients had the lowest average number of completed units for associate degree recipients (61 units).

2. 2003 Award Recipients: Average Number of Semesters Completed by Ethnic Group (Table 13)

- Of the single award recipients⁵ in 2003, associate degree recipients completed an average of 8 semesters, while certificate of achievement (30+ units) recipients completed an average of 7 semesters and certificate of achievement (18+ units) recipients completed an average of 7 semesters.
- Analysis by ethnic group showed African American associate degree recipients with the higher average number of completed semesters (10 semesters), as compared with other ethnic groups.

⁵ Only those who received a single SDCCD award in 2003 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2002) were included in the analysis.

Table 12
2003 Award Recipients - DISTRICTWIDE
Average Number of Units Completed by Ethnic Group¹

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT ² 30+ Units		CERTIFICATE OF ACHIEVEMENT ³ 18+ Units	
	2003 Recipients		2003 Recipients		2003 Recipients	
	Average # of Units	N	Average # of Units	N	Average # of Units	N
American Indian	70.4	14	39.5	2	23.0	1
Asian	75.7	216	59.4	25	42.4	34
African American	72.3	91	51.9	36	51.8	29
White	61.1	758	49.0	149	44.4	132
Latino	68.5	219	49.9	62	42.9	62
Filipino	71.1	137	55.2	7	39.5	10
Other	68.6	89	49.4	7	53.8	9
Unknown	60.3	106	55.4	16	52.0	11
TOTAL	65.9	1,630	50.8	304	44.9	288

Note 1: Only those who received a single SDCCD award in 2003 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2002) were included in the analysis.

Note 2: Includes only certificate of achievement programs that require 30 or more units.

Note 3: Includes only certificate of achievement programs that require between 18 and 29 units.

Table 13
2003 Award Recipients - DISTRICTWIDE
Average Number of Semesters Completed by Ethnic Group¹

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT ² 30+ Units		CERTIFICATE OF ACHIEVEMENT ³ 18+ Units	
	2003 Recipients		2003 Recipients		2003 Recipients	
	Average # of Semesters	N	Average # of Semesters	N	Average # of Semesters	N
American Indian	11	14	7	2	12	1
Asian	9	216	7	25	5	34
African American	10	91	7	36	8	29
White	7	758	7	149	7	132
Latino	9	219	7	62	7	62
Filipino	9	137	8	7	5	10
Other	8	89	6	7	7	9
Unknown	8	106	8	16	8	11
TOTAL	8	1,630	7	304	7	288

Note 1: Only those who received a single SDCCD award in 2003 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2002) were included in the analysis.

Note 2: Includes only certificate of achievement programs that require 30 or more units.

Note 3: Includes only certificate of achievement programs that require between 18 and 29 units.

Section II

City College Summary

Part 1: Awards

A. TOTAL AWARDS – City College

(Note: Data in this section are Duplicated)

1. Total Number of Degrees and Certificates Awarded – 2002 vs. 2003 (Table 14)

- The total number of degrees and certificates awarded by City College in 2003 was 1,171, 62 fewer awards than the previous year (1,233 awards in 2002).
- In comparison to 2002, there were decreases in certificate awards in 2003. The number of certificates of achievement (30+ units) and certificates of achievement (18+ units) awarded decreased by 11% and 20% respectively. The number of associate in science degrees decreased by 1%; however, the number of associate in arts degree awards increased by 9% in 2003.

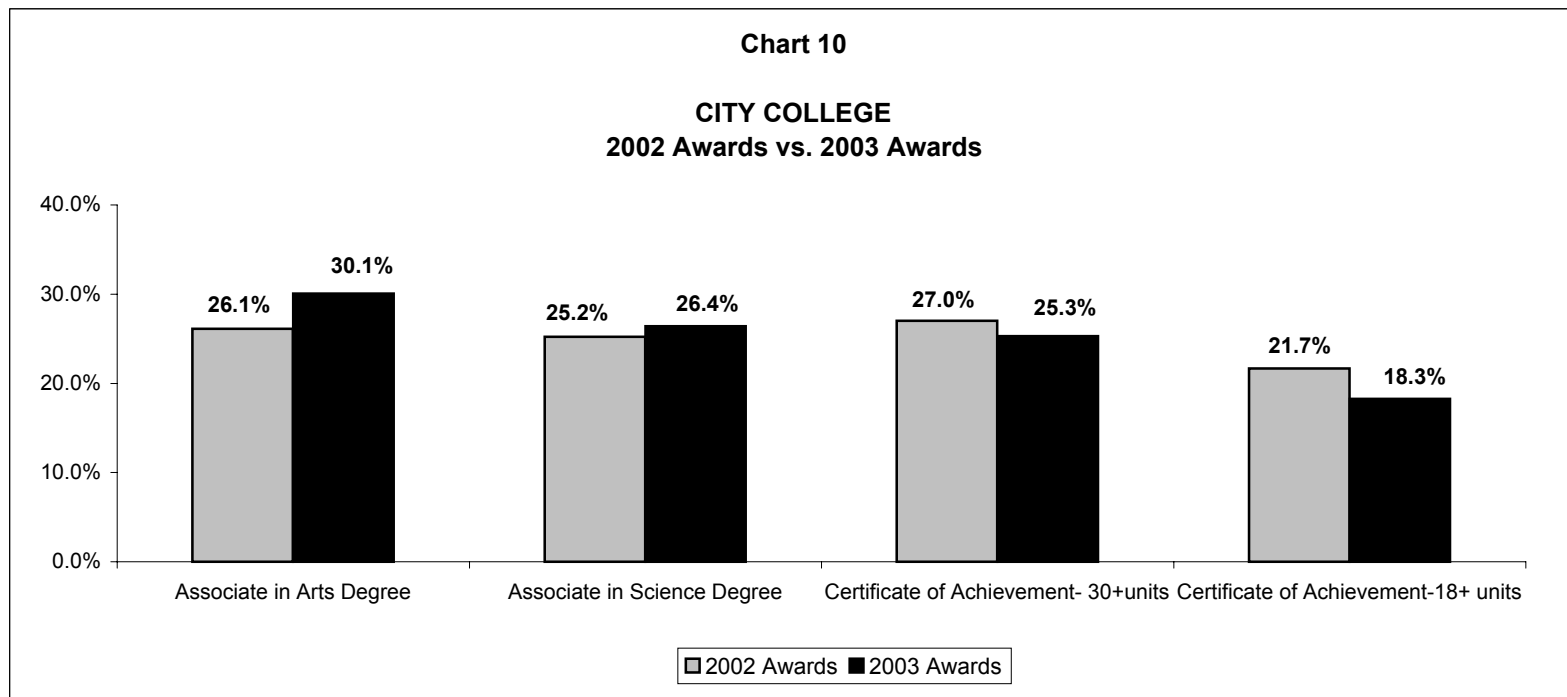
2. Total Number of Degrees and Certificates Awarded in 2003 (Chart 10)

- Thirty percent (30%) of all degrees and certificates awarded by City College in 2003 were associate in arts degrees, 26% were associate in science degrees, 25% were certificates of achievement (30+ units), and 18% were certificates of achievement (18+ units).

Table 14

**Total Number of Degrees and Certificates Awarded¹ - CITY COLLEGE
2002 Awards vs. 2003 Awards**

	2002		2003		Change	% Change
City College						
Associate in Arts Degree	322	26.1%	352	30.1%	30	9.3%
Associate in Science Degree	311	25.2%	309	26.4%	-2	-0.6%
Certificate of Achievement ² 30+ Units	333	27.0%	296	25.3%	-37	-11.1%
Certificate of Achievement ³ 18+ Units	267	21.7%	214	18.3%	-53	-19.9%
TOTAL	1,233	100.0%	1,171	100.0%	-62	-5.0%



Note 1: Data reflect duplicated recipient counts.

Note 2: Includes only certificate of achievement programs that require 30 or more units.

Note 3: Includes only certificate of achievement programs that require between 18 and 29 units.

Note 4: % Change = (2003 Awards - 2002 Awards) / 2002 Awards

B. AWARDS BY MAJOR – City College

(Note: Data in this section are Duplicated)

1. Associate Degree

- Of the associate degrees awarded in 2003, 17% were Liberal Arts – Option I major, 13% were Transfer Studies CSU, 8% were Nursing Education RN, 7% were Child Development majors. The percentage of associate degree awards in each of the remaining majors did not exceed 5% of the total.

Table 15
2003 Associate Degree Awards by Major*

Major	Frequency	Percent
LIBERAL ARTS-OPTION I	110	16.6%
TRANSFER STUDIES CSU	84	12.7%
NURSING EDUCATION RN	54	8.2%
CHILD DEVELOPMENT	48	7.3%
BUS STUDIES SDSU BUSINESS ADM	27	4.1%
BEHAVIORAL SCI-ALCOHOL & DRUG	24	3.6%
BEHAVIORAL SCIENCE-PSYCHOLOGY	22	3.3%
BIOLOGY - ALLIED HEALTH	18	2.7%
SELECTED STUDIES	16	2.4%
BEHAVIORAL SCIENCE-SOCIOLOGY	14	2.1%
ENGLISH	11	1.7%
ELECTRONICS TECH-COMMUNICATION	10	1.5%
BEHAVIORAL SCI-SOCIAL WORK	10	1.5%
TRANSFER STUDIES IGETC UC	10	1.5%
COMP & INFO SYS-MICROCOMPUTER	9	1.4%
TRANSFER STUDIES-T.A.G. - UC	9	1.4%
COMP BUS TECH-ADMIN ASSISTANT	9	1.4%
ELECTRICITY	8	1.2%
COMPUTER INFORMATION SYSTEMS	8	1.2%
LIBERAL ARTS-OPTION II	7	1.1%
MATHEMATICS	7	1.1%
VIS & PERF ART-ART GRAPHIC DES	7	1.1%
COMM RTV-VIDEO/FILM	7	1.1%
BUS STUDIES SM-BUS ACCOUNTING	7	1.1%
Other Majors	125	18.9%
TOTAL	661	100.0%

* This table includes disaggregated data for the top 20 most popular majors at City College only. A complete listing of associate degree awards by major is provided in Appendix D.

B. AWARDS BY MAJOR – City College (continued)

(Note: Data in this section are Duplicated)

2. Certificate of Achievement (30+ Units)

- Of the total number certificate of achievement (30+ units) awards given in 2003, 23% were in Cosmetology, followed by 18% in Behavioral Sciences – Alcohol & Drug, and 10% in Building Trades – Electrical Trades. The percentage of certificate of achievement (30+ units) awards in each of the remaining majors did not exceed 7% of the total.

Table 16
2003 Certificate of Achievement (30+ Units) Awards by Major*

Major	Frequency	Percent
COSMETOLOGY	69	23.3%
BEHAVIORAL SCI-ALCOHOL & DRUG	53	17.9%
BLDG TRDS-ELECTRICAL TRADE OPT	30	10.1%
SDG&E APPRENTICE LINEMAN	18	6.1%
PIPEFITTING APPRENTICE	13	4.4%
AIR CONDITIONING/REFRIGERATION	10	3.4%
CONS TRDS-PLUMBING TRADE OPT	10	3.4%
ELECTRONICS TECH-COMMUNICATION	9	3.0%
CONS TRDS-ELECTRICAL TRADE OPT	9	3.0%
BLDG TRDS-PLUMBING TRADE OPT	9	3.0%
APPRENTICE PLUMBER	7	2.4%
ELRN MICROPROC/CONTR DESIGN	6	2.0%
MACHINE TECHNOLOGY-CAM	6	2.0%
CHILD DEVELOPMNT MASTER TEACHR	6	2.0%
ELECTRICITY - ELEC LNMN	5	1.7%
LIGHT RAIL VEHICLE LINEMAN	5	1.7%
BLDG TRDS-SHEET METAL TRD OPT	5	1.7%
AIRCOND/REF/HOSP/GEN MAINT TEC	4	1.4%
BUS STUDIES LEGAL ASSISTANT	4	1.4%
SDG&E APP-ELEC REP SHOP MECH	3	1.0%
Other Majors	15	5.1%
TOTAL	296	100.0%

* This table includes disaggregated data for the top 20 most popular majors at City College only. A complete listing of certificate of achievement (30+ units) awards by major is provided in Appendix E.

B. AWARDS BY MAJOR – City College (continued)

(Note: Data in this section are Duplicated)

3. Certificate of Achievement (18+ Units)

- Of 2003 certificate of achievement (18+ units) recipients, Child Development Teacher was the most frequent major (26%), followed by Child Development Associate Teacher (23%), and Certificate Physical Education-Fitness Specialist (8%). The percentage of certificate of achievement (18+ units) awards in each of the remaining majors did not exceed 7% of the total.

Table 17
2003 Certificate of Achievement (18+ Units) Awards by Major*

Major	Frequency	Percent
CHILD DEVELOPMENT TEACHER	55	25.7%
CHILD DEVELOPMNT ASSOC TEACHER	50	23.4%
CERT PHYS ED-FITNESS SPECIALST	18	8.4%
ELECTRICITY	14	6.5%
HEAT/AC/VENT & AC/DESIGN	13	6.1%
COMP BUS TECH-ADMIN ASSISTANT	13	6.1%
ELECTRONICS TECHNOLOGY	11	5.1%
VIS & PERF ART-ART GRAPHIC DES	10	4.7%
MACHINE TECHNOLOGY-CNC	7	3.3%
VIS & PERF ART-PHOTOGRAPHY	6	2.8%
COMP & INFO SYS-MICROCOMPUTER	6	2.8%
CHILD DEVELOPMENT	4	1.9%
CMP BUS TECH MICROCMPTER APPL	4	1.9%
COMPUTER TECH ILLUSTRATION	2	0.9%
ENGINEERING DRAFTING	1	0.5%
TOTAL	214	100.0%

* This table includes disaggregated data for all majors at City College only. This listing of certificate of achievement (18+ units) awards by major is also provided in Appendix F.

C. AWARDS BY ETHNICITY – City College

(Note: Data in this section are Duplicated)

1. 2003 Degrees and Certificates Awarded by Ethnicity (Table 18)

- Of the 1,171 degrees and certificates awarded by City College in 2003, 33% of the recipients were white, 26% were Latino, 18% were African American, 10% were Asian, and 4% were Filipino. By comparison, the ethnic distribution of certificate of achievement (30+ units) recipients indicated a higher percentage of whites (43%), while the percentage of white recipients was lower (19%) among certificate of achievement (18+ units) recipients. Latinos represented a higher percent of certificate of achievement (18+ units) recipients (36%). There was no significant change in the ethnic group percentages for associate degree recipients.

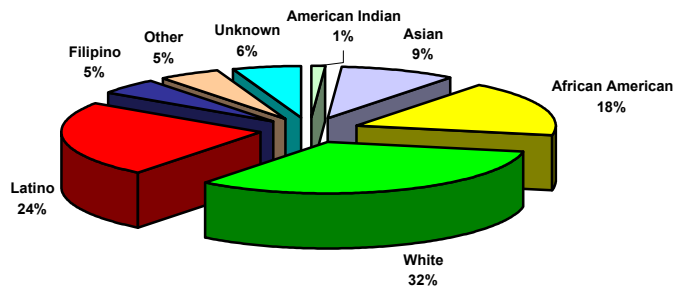
2. Comparisons of Ethnicities of 2003 Degree and Certificate Recipients and Fall 2003 Student Population (Chart 11, Chart 12, and Chart 13)

- The proportions of Asian recipients in 2003 across all three award types were notably lower than the corresponding proportion of Asians in the fall 2003 City College student population (associate degree, 9% of award recipients vs. 7% of population; certificate of achievement (30+ units), 10% of award recipients vs. 7 % of population; certificate of achievement (18+ units), 12% of award recipients vs. 7% of population).
- For African American recipients in 2003, the proportions of associate degree recipients and certificate of achievement (18+ units recipients) were higher than the proportion of African Americans in the fall 2002 City College student population (associate degree, 18% of award recipients vs. 15% of population; certificate of achievement (18+ units), 23% of award recipients vs. 15% of population). However, the proportion of African American certificate of achievement (30+ units) recipients in 2003 was slightly lower than the corresponding proportion of African Americans in the 2003 City College student population (14% of award recipients vs. 15% of population).
- In 2003, the proportions of Latino associate degree and certificate of achievement (30+ units) recipients were lower than the corresponding proportion of Latinos in the 2003 City College student population; however, Latinos represented a higher percent of certificate of achievement (18+ units) recipients (associate degree, 24% of award recipients vs. 28% of population; certificate of achievement (30+ units), 25% of award recipients vs. 28% of population; certificate of achievement (18+ units), 36% of award recipients vs. 28% of population).

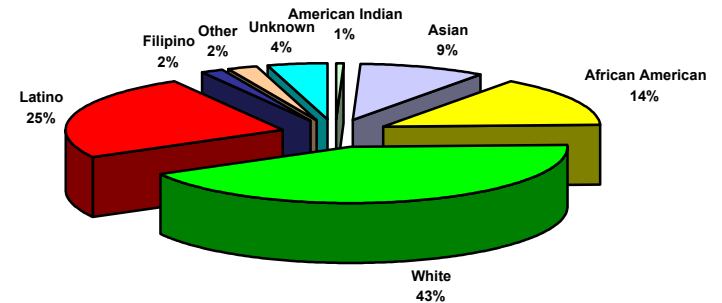
Table 18
2003 Degree and Certificate Awards by Ethnicity - CITY COLLEGE

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT 30+units		CERTIFICATE OF ACHIEVEMENT 18+ units		TOTAL AWARDS	
	2003 AWARDS		2003 AWARDS		2003 AWARDS			
	N	%	N	%	N	%	N	%
American Indian	7	1.1%	2	0.7%	0	0.0%	9	0.8%
Asian	62	9.4%	28	9.5%	26	12.1%	116	9.9%
African American	116	17.5%	42	14.2%	50	23.4%	208	17.8%
White	215	32.5%	126	42.6%	41	19.2%	382	32.6%
Latino	158	23.9%	73	24.7%	76	35.5%	307	26.2%
Filipino	33	5.0%	5	1.7%	4	1.9%	42	3.6%
Other	33	5.0%	7	2.4%	12	5.6%	52	4.4%
Unknown	37	5.6%	13	4.4%	5	2.3%	55	4.7%
TOTAL	661	100.0%	296	100.0%	214	100.0%	1,171	100.0%

Associate Degree



Certificate of Achievement 30+ Units



Certificate of Achievement 18+ Units

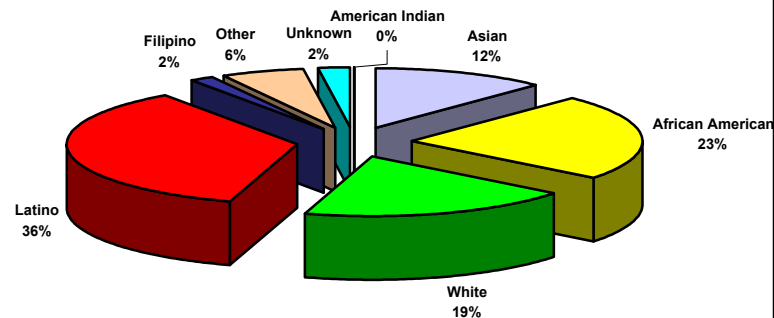


Chart 11

CITY COLLEGE
Comparisons of Ethnicities of 2003 Associate Degree Recipients and
Fall 2003 Student Population

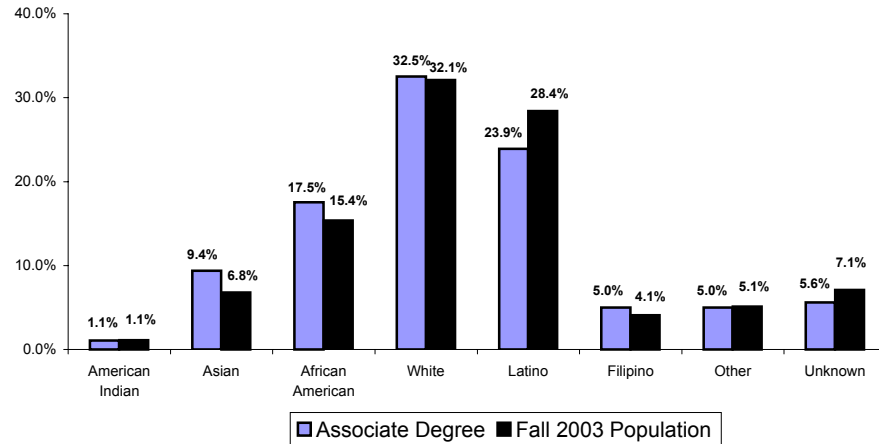


Chart 12

CITY COLLEGE
Comparisons of Ethnicities of 2003 Certificate of Achievement 30+
Units Recipients and Fall 2003 Student Population

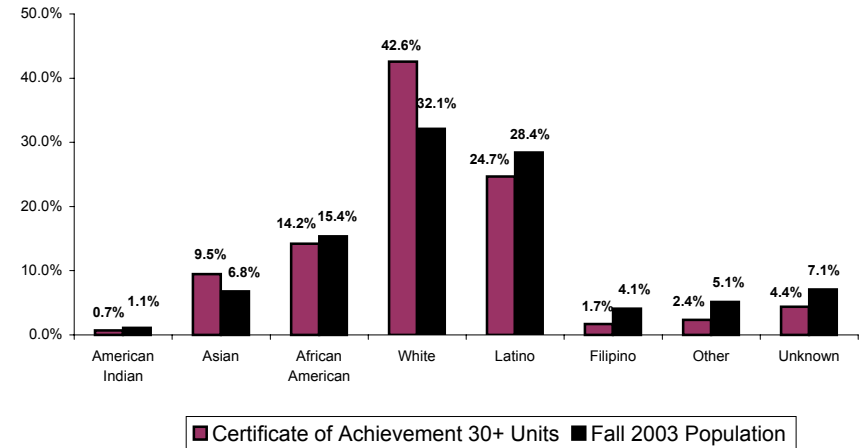
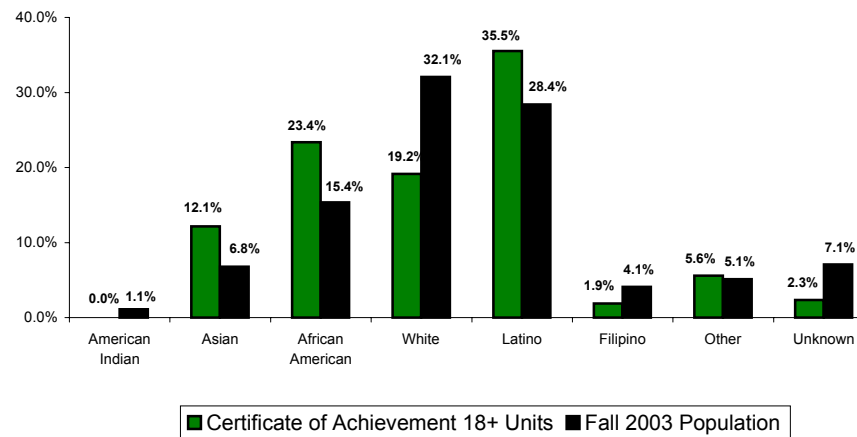


Chart 13

CITY COLLEGE
Comparisons of Ethnicities of 2003 Certificate of Achievement 18+
Units Recipients and Fall 2003 Student Population



C. AWARDS BY ETHNICITY – City College (continued)

(Note: Data in this section are Duplicated)

- Compared to the proportion of whites in the 2003 City College student population, the proportion of certificate of achievement (30+ units) recipients in 2003 was lower; however, the proportion of white certificate of achievement (30+ units) recipients in 2003 was higher than the corresponding proportion of whites in the fall 2002 City College student population (associate degree, 33% of award recipients vs. 32% of population; certificate of achievement (30+ units), 43% of award recipients vs. 32% of population; certificate of achievement (18+ units), 19% of award recipients vs. 32% of population).

3. Comparisons of Ethnicities of Degree and Certificate Recipients: 2002 Awards vs. 2003 Awards (Chart 14, Chart 15, and Chart 16)

- The percent of Asian degree and certificate recipients in 2003 decreased across all types of awards, as compared to 2002 awards.
- The percentage of African American associate degree recipients in 2003 decreased from the previous year (24% of 2002 award recipients vs. 18% of 2003 award recipients). In contrast, the percentage of African American certificate of achievement (30+ units) and (18+ units) recipients in 2003 had increased from the previous year (12% of 2002 certificate of achievement (30+ units) award recipients vs. 14% of 2003 award recipients; 22% of 2002 certificate of achievement (30+ units) award recipients vs. 23% of 2003 award recipients).
- For Latino recipients in 2003, the percentage of degree and certificate recipients was higher than the previous year across all types of awards.
- The percentage of white associate degree recipients in 2003 was higher than the previous year (27% of 2002 award recipients vs. 33% of 2003 award recipients). However, for certificate of achievement (30+ units) and (18+ units) recipients, the percentage of white recipients was lower than the previous year (44% of 2002 certificate of achievement (30+ units) award recipients vs. 43% of 2002 award recipients; 27% of 2002 certificate of achievement (18+ units) award recipients vs. 19% of 2003 award recipients).

Chart 14

CITY COLLEGE
Comparisons of Ethnicities of Associate Degree Recipients:
2002 Awards vs. 2003 Awards

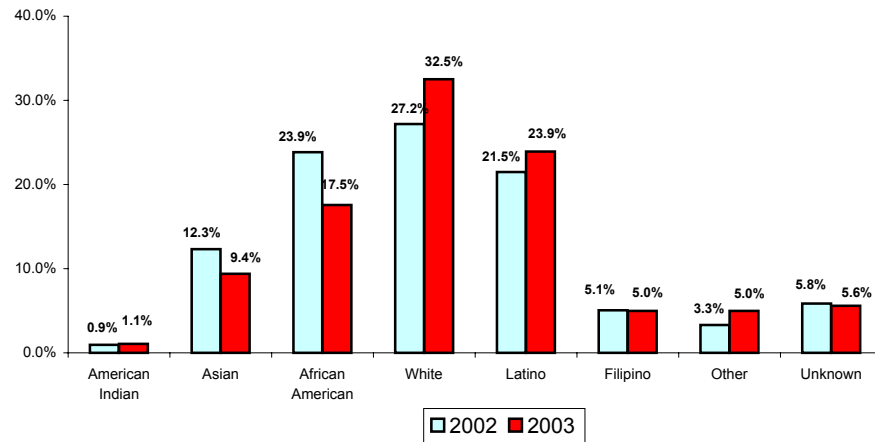


Chart 15

CITY COLLEGE
Comparisons of Ethnicities of Certificate of Achievement
30+ Units Recipients: 2002 Awards vs 2003 Awards

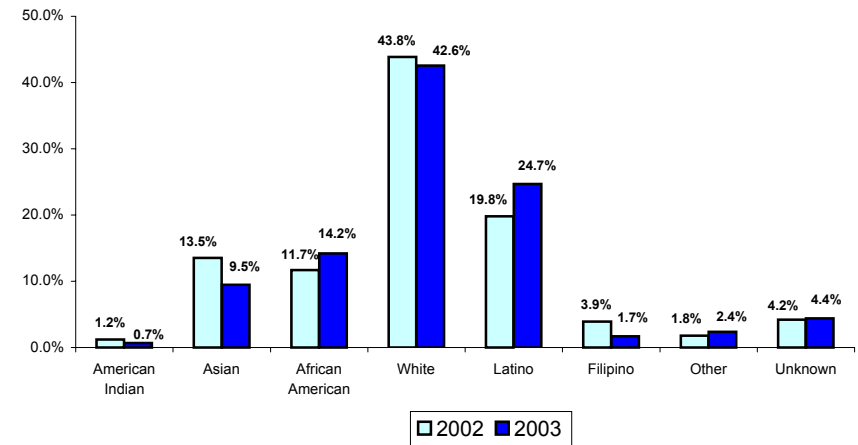
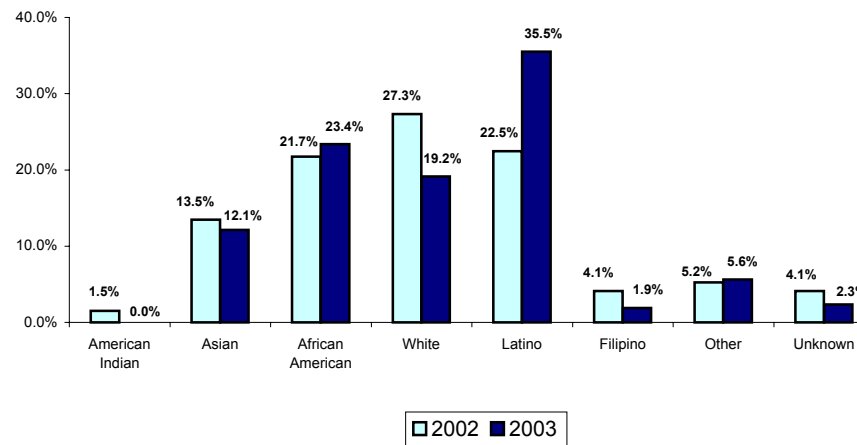


Chart 16

CITY COLLEGE
Comparisons of Ethnicities of Certificate of Achievement
18+ Units Recipients: 2002 Awards vs. 2003 Awards



Part 2: Profile of Recipients

A. RECIPIENT DEMOGRAPHICS – City College

(Note: Data in this section are Unduplicated)

1. 2003 Degree and Certificate Award Recipients by Ethnicity (Table 19)

- Of all award recipients in 2003, 35% were white, 25% were Latino, 17% were African American, 9% were Asian, and 4% were Filipino.

2. 2003 Degree and Certificate Award Recipients by Gender (Table 20)

- In 2003, females constituted a slight majority (55%) of the 949 award recipients.

Table 19

2003 Degree and Certificate Award Recipients by Ethnicity - CITY COLLEGE

ETHNICITY	N	%
American Indian	7	0.7%
Asian	87	9.2%
African American	165	17.4%
White	329	34.7%
Latino	235	24.8%
Filipino	35	3.7%
Other	42	4.4%
Unknown	49	5.2%
TOTAL	949	100.0%

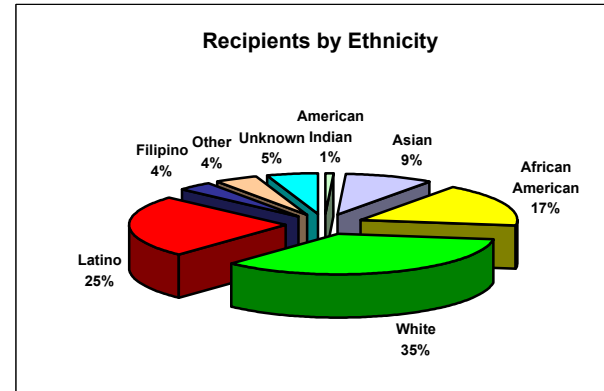
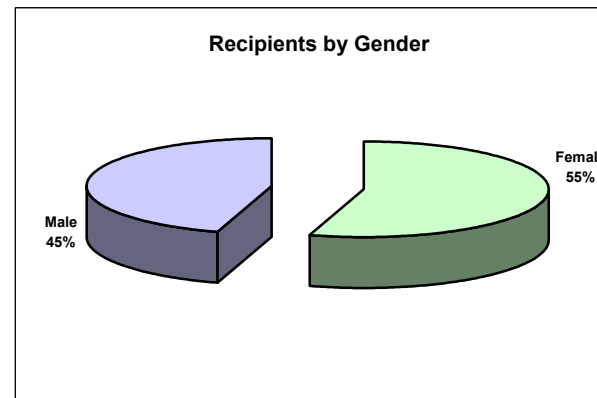


Table 20

2003 Degree and Certificate Award Recipients by Gender - CITY COLLEGE

GENDER	N	%
Female	520	54.8%
Male	429	45.2%
TOTAL	949	100.0%



B. SINGLE AND MULTIPLE AWARD RECIPIENTS – City College

(Note: Data in this section are Unduplicated)

1. 2003 Single and Multiple Award Recipients by Number of Awards Received (Table 21)

- In 2003, 81% of the award recipients received one award, 15% received two awards, 3% received three awards, and the remaining 1% received four or more awards.

2. 2003 Single and Multiple Award Recipients by Award Type (Table 22)

- Of the recipients who received one award in 2003, 58% of them received an associate degree, while 30% received a certificate of achievement (30+ units) and 12% received a certificate of achievement (18+ units).
- Of the 145 students who received two awards in 2003, 35% received associate degrees, 25% received an associate degree and a certificate of achievement (30+ units), and 26% received an associate degree and a certificate of achievement (18+ units).
- Over 70% of the recipients with three awards received a combination of associate degrees and certificates of achievement (18+ units).

Table 21

2003 Single and Multiple Award Recipients by Number of Awards Received - CITY COLLEGE

Number of Awards Received in 2003	N	%
One Award	771	81.2%
Two Awards	145	15.3%
Three Awards	26	2.7%
Four Awards	6	0.6%
Five Awards	1	0.1%
TOTAL	949	100.0%

Table 22

2003 Multiple Award Recipients by Award Type - CITY COLLEGE

Number of Awards Received in 2003	Associate Degrees Only		Certificates of Achievement 30+ Units Only		Certificates of Achievement 18+ Units Only		Combination of Assoc. Deg. & C.of A. 30+ units		Combination of Assoc. Deg. & C.of A. 18+ units		Combination of C.of A. 30+ units & C.of A. 18+ units		Combination Assoc. Deg., C.of A. 30+ units & C.of A. 18+ units		TOTAL
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
One Award	448	58.1%	233	30.2%	90	11.7%									771
Two Awards	51	35.2%	0	0.0%	12	8.3%	36	24.8%	38	26.2%	8	5.5%			145
Three Awards	0	0.0%	0	0.0%	0	0.0%	1	3.8%	19	73.1%	2	7.7%	4	15.4%	26
Four Awards	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	33.3%	0	0.0%	4	66.7%	6
Five Awards	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%	1
TOTAL	499	52.6%	233	24.6%	102	10.7%	37	3.9%	59	6.2%	10	1.1%	9	0.9%	949

C. PREVIOUS AWARD STATUS⁶ - City College

(Note: Data in this section are Unduplicated)

1. 2003 Award Recipients: No Previous Awards vs. Previous Awards by Ethnicity (Table 23 and Chart 17)

- Asian and African American recipients represented a higher percentage of recipients with previous awards than their corresponding percentage among all 2003 award recipients (Asian, 15% of previous award recipients vs. 9% of all award recipients; African American, 23% of previous award recipients vs. 17% of all award recipients).

2. 2003 Award Recipients: No Previous Awards vs. Previous Awards by Gender (Table 24 and Chart 18)

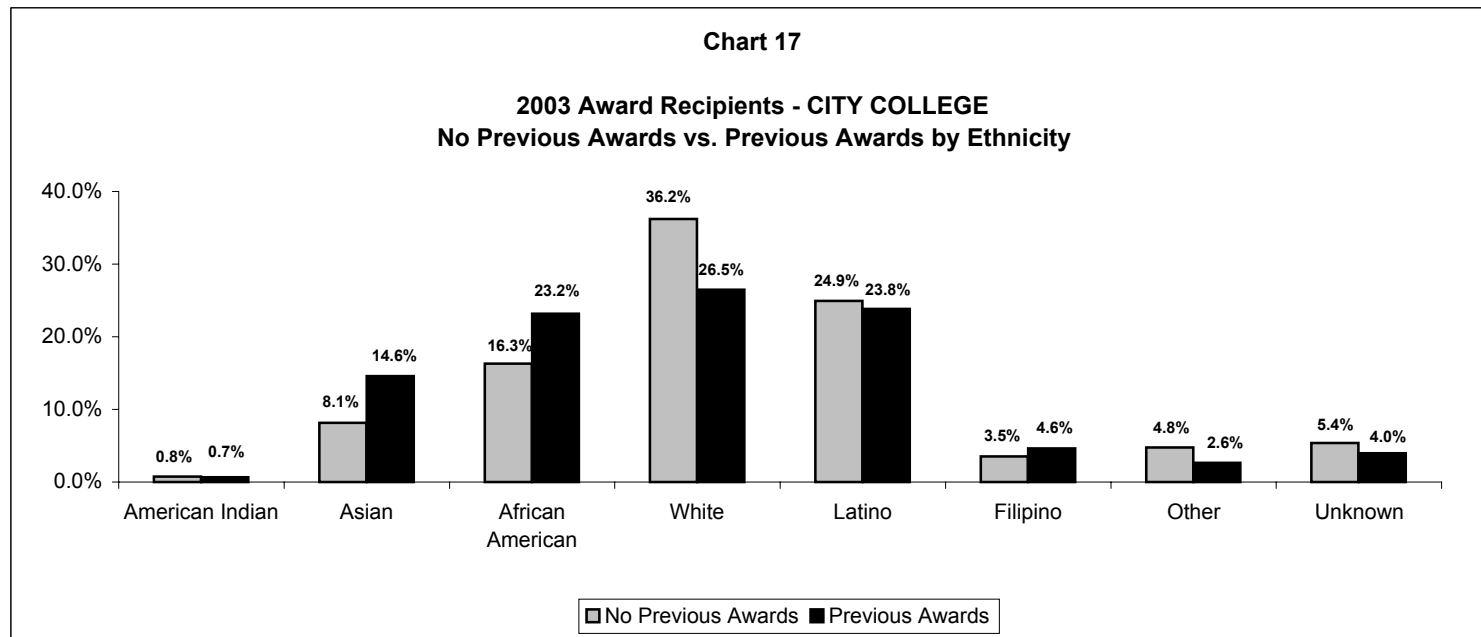
- Females represented 59% of the 2003 award recipients with previous awards, but represented only 55% of all 2003 award recipients.

⁶ Recipients with previous awards include those with additional degrees and certificates received prior to 2003 (1950 to 2002).

Table 23

**2003 Award Recipients - CITY COLLEGE
No Previous Awards¹ vs. Previous Awards by Ethnicity**

	No Previous Awards		Previous Awards		TOTAL	
	N	%	N	%	N	%
American Indian	6	0.8%	1	0.7%	7	0.7%
Asian	65	8.1%	22	14.6%	87	9.2%
African American	130	16.3%	35	23.2%	165	17.4%
White	289	36.2%	40	26.5%	329	34.7%
Latino	199	24.9%	36	23.8%	235	24.8%
Filipino	28	3.5%	7	4.6%	35	3.7%
Other	38	4.8%	4	2.6%	42	4.4%
Unknown	43	5.4%	6	4.0%	49	5.2%
TOTAL	798	100.0%	151	100.0%	949	100.0%

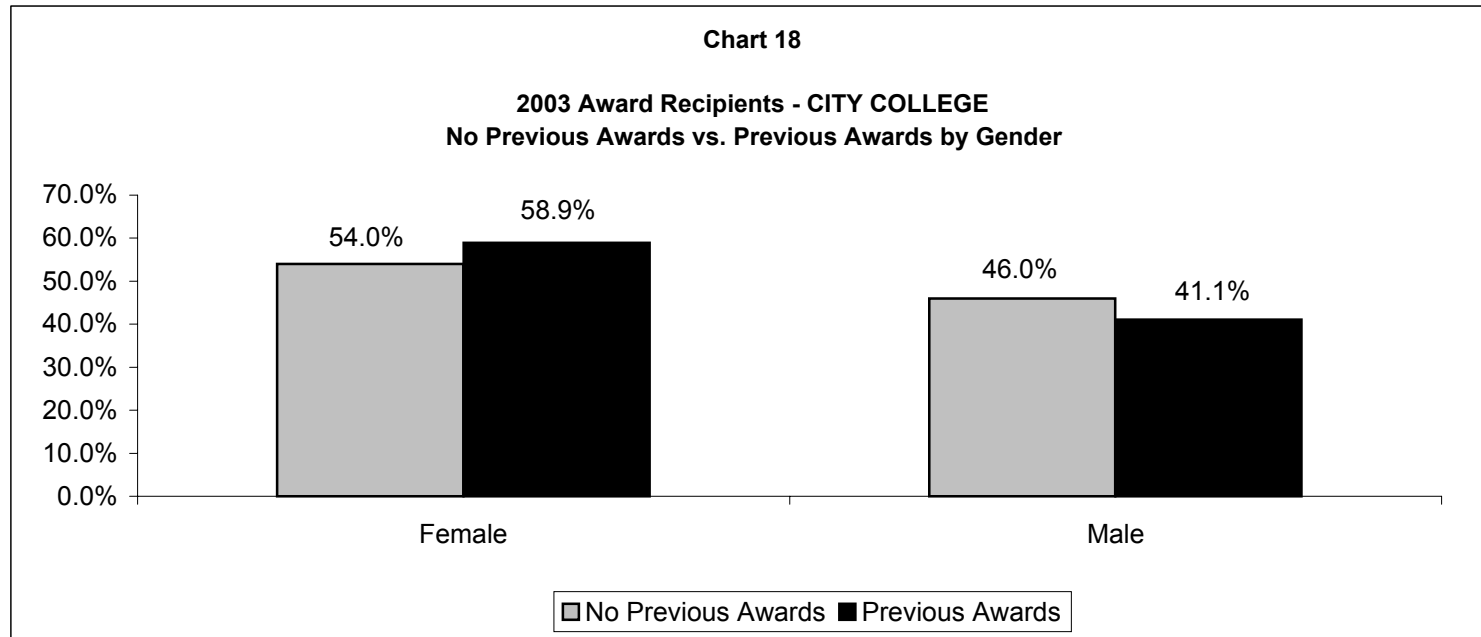


Note 1: Award recipients with additional degrees and certificates received prior to 2003 (1950 to 2002).

Table 24

**2003 Award Recipients - CITY COLLEGE
No Previous Awards¹ vs. Previous Awards by Gender**

	No Previous Awards		Previous Awards		TOTAL	
	N	%	N	%	N	%
Female	431	54.0%	89	58.9%	520	54.8%
Male	367	46.0%	62	41.1%	429	45.2%
TOTAL	798	100.0%	151	100.0%	949	100.0%



Note 1: Award recipients with additional degrees and certificates received prior to 2003 (1950 to 2002).

D. AVERAGE NUMBER OF COMPLETED UNITS AND SEMESTERS⁷ – City College

(Note: Data in this section are Unduplicated)

1. 2003 Award Recipients: Average Number of Units Completed by Ethnic Group (Table 25)

- Of the 655 single award recipients⁸ in 2003, 349 were associate degree recipients, 227 were certificate of achievement (30+ units) recipients, and 79 were certificate of achievement (18+ units) recipients.
- Associate degree recipients completed an average of 69 units, notably higher than the 60 unit requirement for associate degrees. Since certificates of achievement (30+ units) require 30 or more units, it was not surprising that certificate of achievement (30+ units) recipients completed an average of 48 units. Certificate of achievement (18+ units) recipients completed an average of 48 units, even though certificates of achievement (18+ units) require no more than 29 units.
- Comparisons by ethnic group showed Asian and African American degree and certificate of achievement (30+ units) recipients with the highest average number of completed units (Asian degree recipients, 76 units; Asian certificate achievement (30+ units) recipients, 59 units; African American degree recipients, 78 units; African American certificate of achievement (30+ units) recipients, 51 units. The number of certificate of achievement (18+ units) recipients was too small to make adequate comparisons by ethnicity.

2. 2003 Award Recipients: Average Number of Semesters Completed by Ethnic Group (Table 26)

- Of the single award recipients⁸ in 2003, associate degree recipients completed an average of 9 semesters. The averages for certificate of achievement (30+ units) and certificate of achievement (18+ units) recipients were 7 and 8 semesters respectively.
- Analysis by ethnic group showed African American and Latino associate degree recipients with the highest average number of completed semesters (11 and 10 semesters respectively). No notable difference was found among different ethnic groups in terms of average semester completed by certificate of achievement (30+units) recipients. The number of certificate of achievement (18+ units) recipients was too small to make adequate comparisons by ethnicity.

⁷ Only those who received a single SDCCD award in 2003 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2002) were included in the analysis.

Table 25
2003 Award Recipients - CITY COLLEGE
Average Number of Units Completed by Ethnic Group¹

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT ² 30+ Units		CERTIFICATE OF ACHIEVEMENT ³ 18+ Units	
	2003 Recipients		2003 Recipients		2003 Recipients	
	Average # of Units	N	Average # of Units	N	Average # of Units	N
American Indian	70.5	3	40.5	1	.	0
Asian	76.1	25	58.6	16	49.4	8
African American	78.4	49	51.0	34	54.0	18
White	62.4	126	44.9	105	44.3	20
Latino	74.1	80	47.3	52	45.2	24
Filipino	66.0	19	41.5	2	28.5	3
Other	70.7	22	45.1	5	54.0	3
Unknown	63.1	25	49.6	12	59.8	3
TOTAL	69.1	349	47.5	227	47.7	79

Note 1: Only those who received a single SDCCD award in 2003 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2002) were included in the analysis.

Note 2: Includes only certificate of achievement programs that require 30 or more units.

Note 3: Includes only certificate of achievement programs that require between 18 and 29 units.

Table 26
2003 Award Recipients - CITY COLLEGE
Average Number of Semesters Completed by Ethnic Group¹

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT ² 30+ Units		CERTIFICATE OF ACHIEVEMENT ³ 18+ Units	
	2003 Recipients		2003 Recipients		2003 Recipients	
	Average # of Semesters	N	Average # of Semesters	N	Average # of Semesters	N
American Indian	13	3	5	1		0
Asian	9	25	7	16	7	8
African American	11	49	7	34	9	18
White	8	126	7	105	8	20
Latino	10	80	7	52	8	24
Filipino	8	19	5	2	6	3
Other	8	22	6	5	7	3
Unknown	9	25	7	12	12	3
TOTAL	9	349	7	227	8	79

Note 1: Only those who received a single SDCCD award in 2003 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2002) were included in the analysis.

Note 2: Includes only certificate of achievement programs that require 30 or more units.

Note 3: Includes only certificate of achievement programs that require between 18 and 29 units.

Section III

Mesa College Summary

Part 1: Awards

A. TOTAL AWARDS – Mesa College

(Note: Data in this section are Duplicated)

1. Total Number of Degrees and Certificates Awarded – 2002 vs. 2003 (Table 27)

- The total number of degrees and certificates awarded by Mesa College in 2003 was 1,582, slightly higher than the previous year (1,527 awards in 2002).
- In comparison to 2002, in 2003 there was a nineteen percent (19%) increase in the number of certificates of achievement (18+ units) awarded, while the number of associate in arts and associate in science degrees increased by 7% and 1% respectively. In contrast, the number of certificates of achievement (30+ units) decreased by a notable 23%.

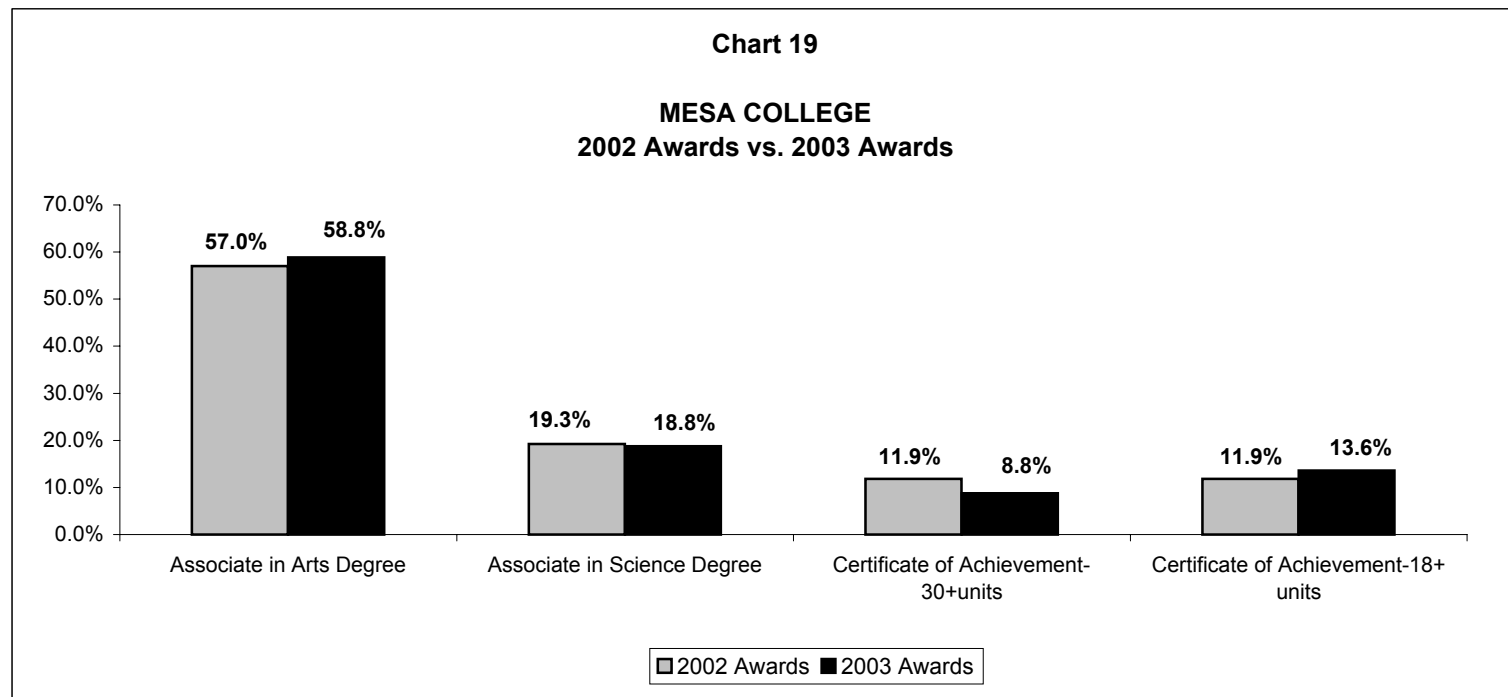
2. Total Number of Degrees and Certificates Awarded in 2003 (Chart 19)

- More than half (59%) of all degrees and certificates awarded by Mesa College in 2003 were associate in arts degrees, 19% were associate in science degrees, 9% were certificates of achievement (30+ units), and another 14% were certificates of achievement (18+ units).

Table 27

**Total Number of Degrees and Certificates Awarded¹ - MESA COLLEGE
2002 Awards vs. 2003 Awards**

	2002		2003		Change	% Change
Mesa College						
Associate in Arts Degree	871	57.0%	931	58.8%	60	6.9%
Associate in Science Degree	294	19.3%	297	18.8%	3	1.0%
Certificate of Achievement ² 30+ Units	181	11.9%	139	8.8%	-42	-23.2%
Certificate of Achievement ³ 18+ Units	181	11.9%	215	13.6%	34	18.8%
TOTAL	1,527	100.0%	1,582	100.0%	55	3.6%



Note 1: Data reflect duplicated recipient counts.

Note 2: Includes only certificate of achievement programs that require 30 or more units.

Note 3: Includes only certificate of achievement programs that require between 18 and 29 units.

Note 4: % Change = (2003 Awards - 2002 Awards) / 2002 Awards

B. AWARDS BY MAJOR – Mesa College

(Note: Data in this section are Duplicated)

1. Associate Degree

- The Transfer Studies CSU major represented 39% of the total number of associate degrees awarded in 2003 followed by Transfer Studies – T.A. G. - UC, representing 10% of the associate degree awards. The percentage of associate degree awards in each of the remaining majors did not exceed 7% of the total.

Table 28
2003 Associate Degree Awards by Major*

Major	Frequency	Percent
TRANSFER STUDIES CSU	473	38.5%
TRANSFER STUDIES-T.A.G. - UC	126	10.3%
SELECTED STUDIES	75	6.1%
TRANSFER STUDIES IGETC UC	59	4.8%
BUSINESS ADMINISTRATION	50	4.1%
LIBERAL ARTS-OPTION I	47	3.8%
TRANSFER STUDIES OTHER	47	3.8%
ANIMAL HEALTH TECHNOLOGY	28	2.3%
PSYCHOLOGY	25	2.0%
HEALTH INFORMATION TECHNOLOGY	23	1.9%
COMPUTER/INFORMATION SCIENCE	19	1.5%
REAL ESTATE	16	1.3%
MULTIMEDIA	13	1.1%
CHILD DEVELOPMENT	12	1.0%
INTERIOR DESIGN	12	1.0%
RADIOLOGIC TECHNOLOGY	10	0.8%
MATHEMATICS	9	0.7%
ACCOUNTING	9	0.7%
TRANSFER STUDIES IGETC CSU	9	0.7%
COMP BUS TECH-ADMIN ASSISTANT	9	0.7%
Other Majors	157	12.8%
TOTAL	1,228	100.0%

* This table includes disaggregated data for the top 20 most popular majors at Mesa College only. A complete listing of associate degree awards by major is provided in Appendix G.

B. AWARDS BY MAJOR – Mesa College (continued)

(Note: Data in this section are Duplicated)

2. Certificate of Achievement (30+ Units)

- Of the total number of certificate of achievement (30+ units) awards given in 2003, 23% were in Radiologic Technology, followed by 14% in Business Administration, and 13% in Computer/Information Science. The percentage of certificate of achievement (30+ units) awards in each of the remaining majors did not exceed 9% of the total.

Table 29
2003 Certificate of Achievement (30+ Units) Awards by Major*

Major	Frequency	Percent
RADIOLOGIC TECHNOLOGY	32	23.0%
BUSINESS ADMINISTRATION	19	13.7%
COMPUTER/INFORMATION SCIENCE	18	12.9%
AMERICAN SIGN LANGUAGE INTERP	12	8.6%
INTERIOR DESIGN	9	6.5%
FASHION-FASHION MERCHANDISING	8	5.8%
MEDICAL ASSISTING	7	5.0%
HOTEL-MOTEL MANAGEMENT	6	4.3%
PHYSICAL SCIENCE-PHYSICS	3	2.2%
BUSINESS MANAGEMENT	3	2.2%
MARKETING	3	2.2%
ARCHITECTURE	3	2.2%
MULTIMEDIA INTERACT MEDIA PROD	3	2.2%
PHYS SCIENCE-CHEMISTRY	2	1.4%
FASHION-FASHION DESIGN	2	1.4%
ARCHITECTURE-LANDSCAPE	2	1.4%
CHILD DEVELOPMNT MASTER TEACHR	2	1.4%
REAL ESTATE	1	0.7%
DENTAL ASSISTING	1	0.7%
ARCHITECTURE SURVY	1	0.7%
ARCHITECTURE TECHNICIAN	1	0.7%
ARCHITECTURE LANDSCAPE ARCH	1	0.7%
TOTAL	139	100.0%

* This listing of certificate of achievement (30+ units) awards by major is also provided in Appendix H.

B. AWARDS BY MAJOR – Mesa College (continued)

(Note: Data in this section are Duplicated)

3. Certificate of Achievement (18+ Units)

- Of the certificate of achievement (18+ units) recipients in 2003, Business Administration was the most popular major (14%), followed by Accounting (9%) and Interior Design (8%). The percentage of certificate of achievement (18+ units) awards in each of the remaining majors did not exceed 8% of the total.

Table 30
2003 Certificate of Achievement (18+ Units) Awards by Major*

Major	Frequency	Percent
BUSINESS ADMINISTRATION	31	14.4%
ACCOUNTING	20	9.3%
INTERIOR DESIGN	18	8.4%
CERT PHYS ED-FITNESS SPECIALST	17	7.9%
REAL ESTATE	15	7.0%
BLDG CONST TECH-INSPECTION	12	5.6%
DENTAL ASSISTING	12	5.6%
FOOD SERVICE OCCUPATIONS	11	5.1%
CHILD DEVELOPMENT TEACHER	11	5.1%
TRAVEL AIRLINE TRAVEL AGENCY	8	3.7%
COMP BUS TECH-ADMIN ASSISTANT	8	3.7%
WATER/WASTEWTR TEC DIS/COL SYS	7	3.3%
CHILD DEVELOPMNT ASSOC TEACHER	7	3.3%
WATER/WASTE WATER TEC-WATER TR	6	2.8%
ARCHITECTURE CONSTRUCTION MGT	5	2.3%
COMPUTER/INFORMATION SCIENCE	3	1.4%
WATER/WASTE WATER TEC OPERATOR	3	1.4%
CBTE MEDICL TRANSCRIPTION SPEC	3	1.4%
CBTE INFO MANAGEMENT TECH	3	1.4%
CMP BUS TECH MICROCOMPUTER APPL	3	1.4%
Other Majors	12	5.6%
TOTAL	215	100.0%

* This table includes disaggregated data for the top 20 most popular majors at Mesa College only. A complete listing of certificate of achievement (18+ units) awards by major is provided in Appendix I.

C. AWARDS BY ETHNICITY – Mesa College

(Note: Data in this section are Duplicated)

1. 2003 Degrees and Certificates Awarded by Ethnicity (Table 31)

- The ethnicity of all degree and certificate recipients in 2003 included: 50% whites, 16% Asians, 12% Latinos, 5% African Americans, and 5% Filipinos. By comparison, the ethnic distribution of certificate of achievement (30+ units) recipients showed a higher percentage of Asian recipients (21%) and a lower percentage of Latinos (9%). For certificate of achievement (18+ units) recipients, the percentages of Asians and Latinos were relatively higher (Asian, 19%; Filipino, 16%), while the percentages of whites were lower (45%). There was no significant change in the ethnic group percentages for associate degree recipients.

2. Comparisons of Ethnicities of 2003 Degree and Certificate Recipients and Fall 2003 Student Population (Chart 20, Chart 21, and Chart 22)

- The proportions of Asian certificate of achievement (30+ units) and (18+ units) recipients in 2003 was higher than the corresponding proportion of Asians in the fall 2003 Mesa College student population (certificate of achievement (30+ units), 21% of award recipients vs. 15% of population; certificate of achievement (18+ units), 19% of award recipients vs. 15% of population).
- The proportion of Latino associate degree and certificate of achievement (18+ units) recipients was lower than the corresponding proportion of Latinos in the Mesa College student population (12% of associate degree recipients vs. 15% of population; 9% of certificate of achievement (18+ units) award recipients vs. 15% of population).
- Compared to the proportion of whites in the 2003 Mesa College student population, the proportion of white associate degree and certificate of achievement (30+ units) recipients was higher (51% of associate degree award recipients vs. 45% of population; 51% of certificate of achievement (30+ units) award recipients vs. 45% of population).

3. Comparisons of Ethnicities of Degree and Certificate Recipients: 2002 Awards vs. 2003 Awards (Chart 23, Chart 24, and Chart 25)

- In 2003, the percentages of white recipients of certificate of achievement (30+ units) and (18+ units) had increased slightly from the previous year (certificate of achievement (30+ units), 49% of 2002 award recipients vs. 51% of 2003 award recipients; certificate of achievement (18+ units), 43% of 2002 award recipients vs. 45% of 2003 award recipients).

- The percentage of Asian certificate of achievement (18+ units) recipients in 2003 decreased from the previous year (27% of 2002 award recipients vs. 19% of 2003 award recipients).

C. AWARDS BY ETHNICITY – Mesa College (continued)

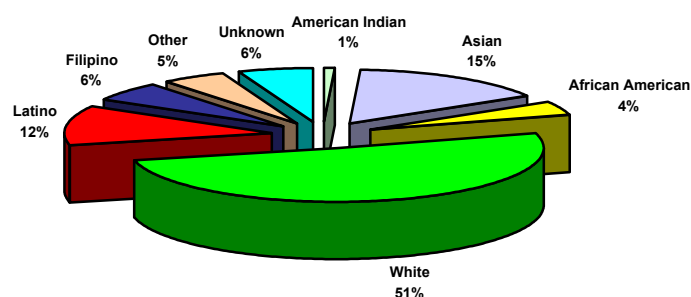
(Note: Data in this section are Duplicated)

- In comparison with 2002, 2003 Latino certificate of achievement (30+ units) recipients decreased (16% of 2002 recipients vs. 9% of 2003 recipients); however, Latino certificate of achievement (18+ units) recipients increased (8% of 2002 recipients vs. 16% of 2003 recipients).

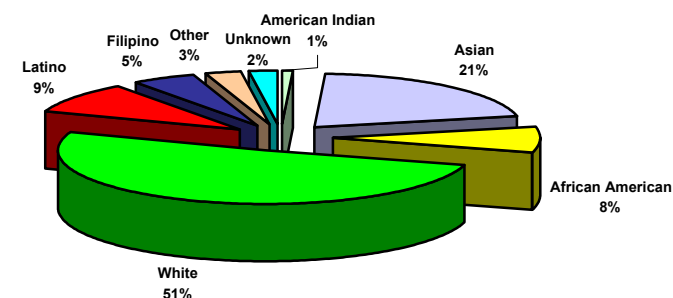
Table 31
2003 Degree and Certificate Awards by Ethnicity - MESA COLLEGE

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT 30+units		CERTIFICATE OF ACHIEVEMENT 18+ units		TOTAL AWARDS	
	2003 AWARDS		2003 AWARDS		2003 AWARDS			
	N	%	N	%	N	%	N	%
American Indian	11	0.9%	1	0.7%	0	0.0%	12	0.8%
Asian	189	15.4%	29	20.9%	40	18.6%	258	16.3%
African American	53	4.3%	11	7.9%	19	8.8%	83	5.2%
White	625	50.9%	71	51.1%	97	45.1%	793	50.1%
Latino	146	11.9%	13	9.4%	34	15.8%	193	12.2%
Filipino	70	5.7%	7	5.0%	6	2.8%	83	5.2%
Other	63	5.1%	4	2.9%	10	4.7%	77	4.9%
Unknown	71	5.8%	3	2.2%	9	4.2%	83	5.2%
TOTAL	1,228	100.0%	139	100.0%	215	100.0%	1,582	100.0%

Associate Degree



Certificate of Achievement 30+ Units



Certificate of Achievement 18+ Units

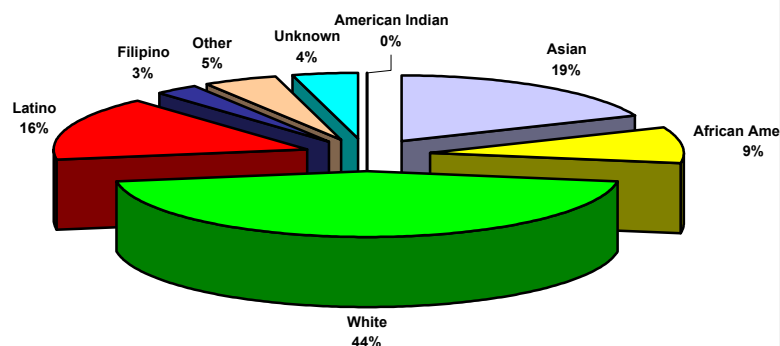


Chart 20

MESA COLLEGE
Comparisons of Ethnicities of 2003 Associate Degree Recipients and
Fall 2003 Student Population

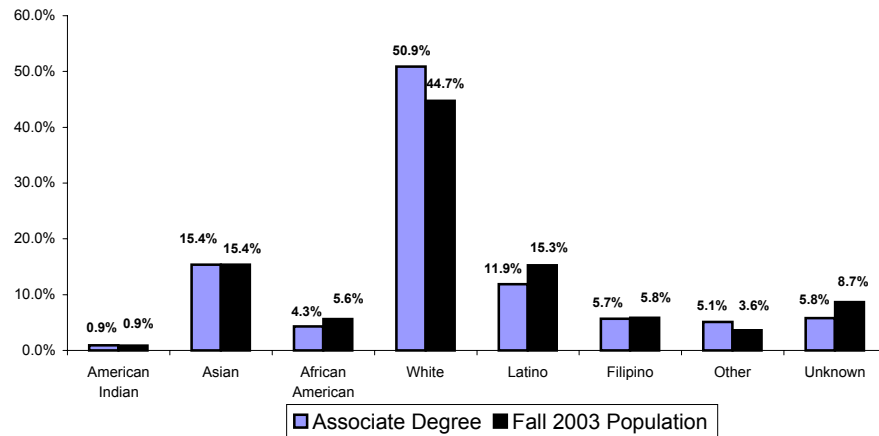


Chart 21

MESA COLLEGE
Comparisons of Ethnicities of 2003 Certificate of Achievement 30+
Units Recipients and Fall 2003 Student Population

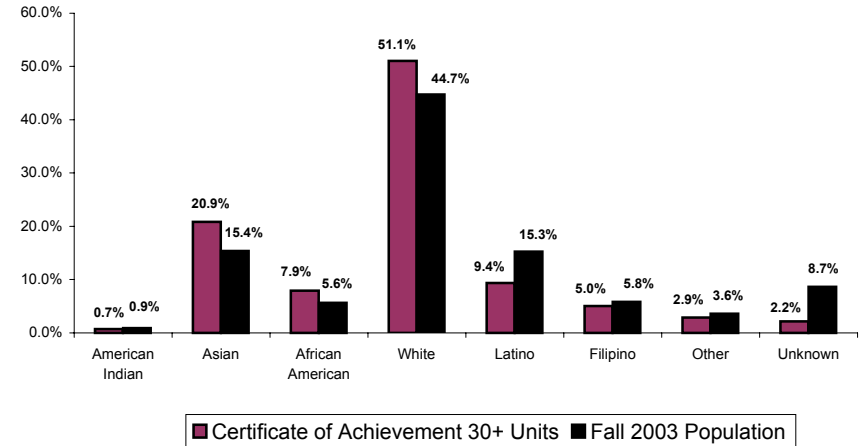


Chart 22

MESA COLLEGE
Comparisons of Ethnicities of 2003 Certificate of Achievement 18+
Units Recipients and Fall 2003 Student Population

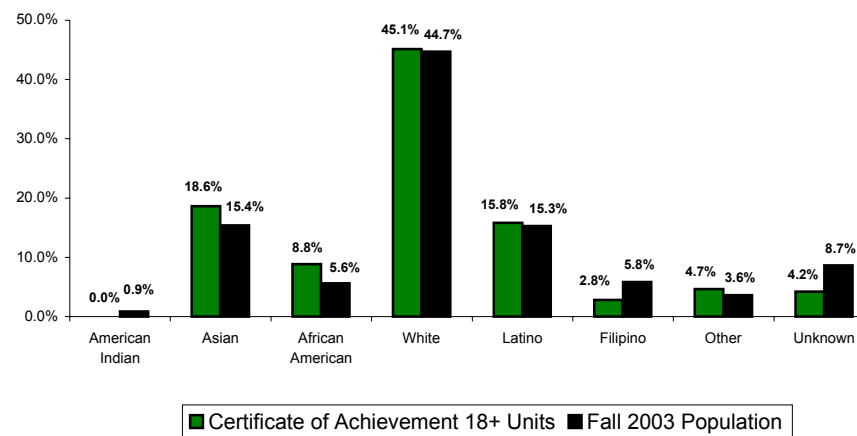


Chart 23

MESA COLLEGE
Comparisons of Ethnicities of Associate Degree Recipients:
2002 Awards vs. 2003 Awards

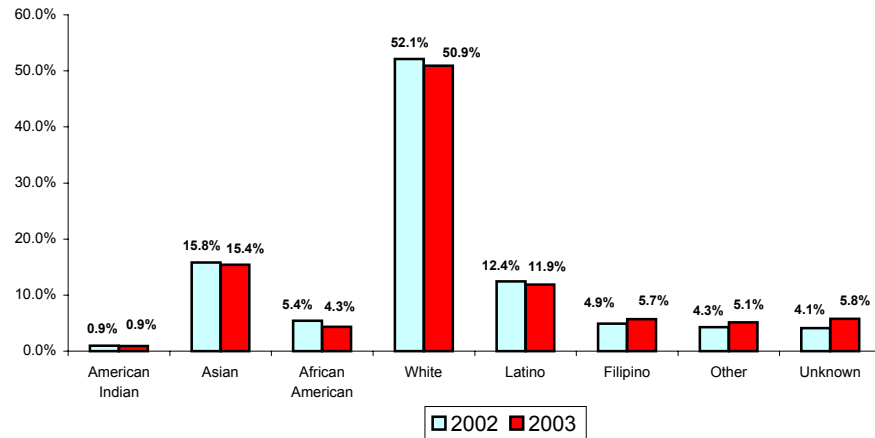


Chart 24

MESA COLLEGE
Comparisons of Ethnicities of Certificate of Achievement
30+ Units Recipients: 2002 Awards vs. 2003 Awards

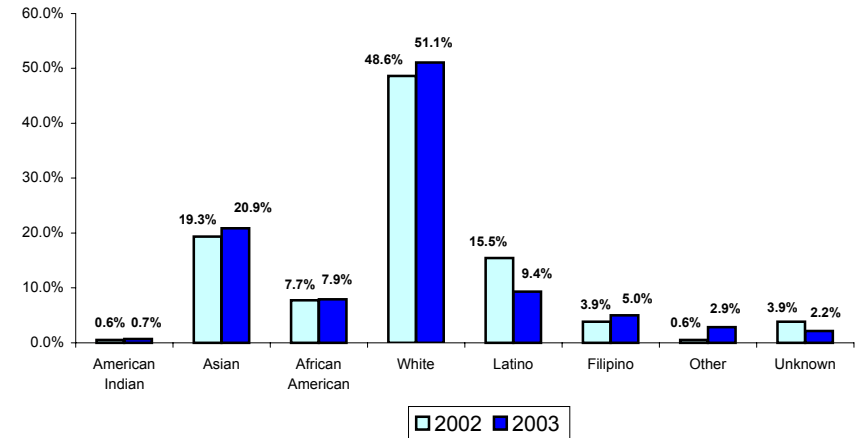
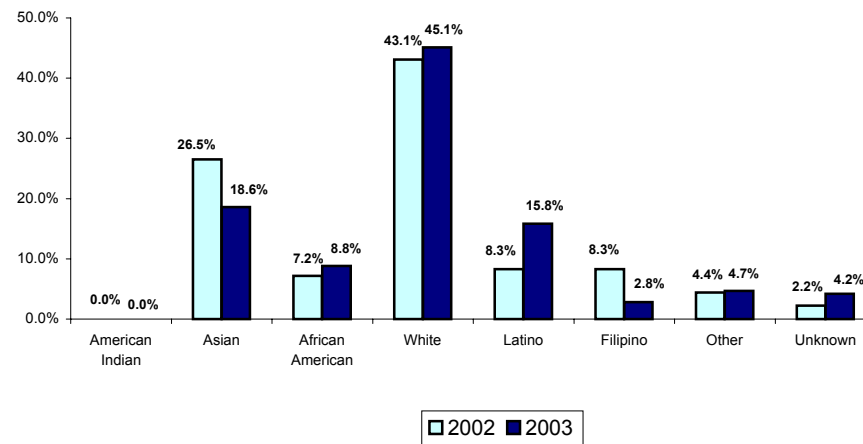


Chart 25

MESA COLLEGE
Comparisons of Ethnicities of Certificate of Achievement
18+ Units Recipients: 2002 Awards vs. 2003 Awards



Part 2: Profile of Recipients

A. RECIPIENT DEMOGRAPHICS – Mesa College

(Note: Data in this section are Unduplicated)

1. 2003 Degree and Certificate Award Recipients by Ethnicity (Table 32)

- Of all award recipients in 2003, 51% were white, 15% were Asian, 13% were Latino, 5% were African American, and 5% were Filipino.

2. 2003 Degree and Certificate Award Recipients by Gender (Table 33)

- In 2003, females constituted a notable majority (59%) of the 1,347 award recipients.

Table 32

2003 Degree and Certificate Award Recipients by Ethnicity - MESA COLLEGE

ETHNICITY	N	%
American Indian	11	0.8%
Asian	207	15.4%
African American	63	4.7%
White	687	51.0%
Latino	168	12.5%
Filipino	72	5.3%
Other	66	4.9%
Unknown	73	5.4%
TOTAL	1,347	100.0%

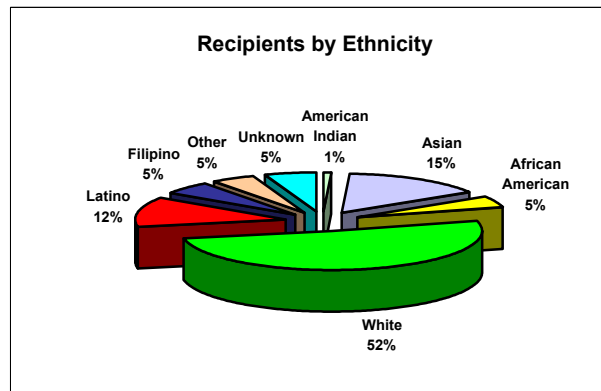
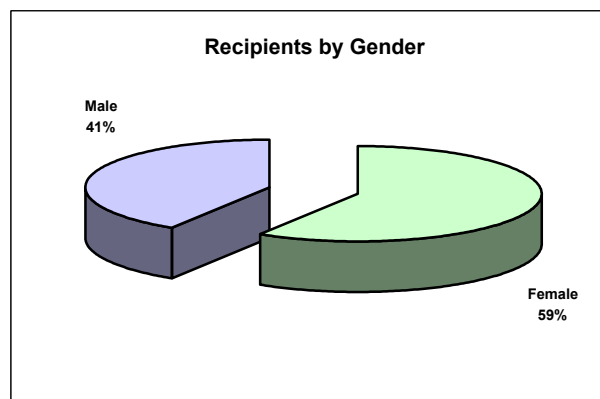


Table 33

2003 Degree and Certificate Award Recipients by Gender - MESA COLLEGE

GENDER	N	%
Female	793	58.9%
Male	554	41.1%
TOTAL	1,347	100.0%



B. SINGLE AND MULTIPLE AWARD RECIPIENTS – Mesa College

(Note: Data in this section are Unduplicated)

1. 2003 Single and Multiple Award Recipients by Number of Awards Received (Table 34)

- In 2003, 85% of the award recipients received one award, 14% received two awards, 1% received three awards, and less than 1% received four or more awards.

2. 2003 Single and Multiple Award Recipients by Award Type (Table 35)

- Of the recipients who received one award in 2003, 87% of them received an associate degree, while 4% received a certificate of achievement (30+ units) and 9% received a certificate of achievement (18+ units).
- Of the 192 students who received two awards in 2003, nearly half (46%) received an associate degree and a certificate of achievement (18+ units), while 43% received an associate degree and a certificate of achievement (30+ units).
- Forty-seven (47%) of the recipients with three awards received a combination of associate degrees and certificates of achievement (30+ units).

Table 34

2003 Multiple Award Recipients by Number of Awards Received - MESA COLLEGE

Number of Awards Received in 2003	N	%
One Award	1,138	84.5%
Two Awards	192	14.3%
Three Awards	15	1.1%
Four Awards	1	0.1%
Five Awards	1	0.1%
TOTAL	1,347	100.0%

Table 35

2003 Multiple Award Recipients by Award Type - MESA COLLEGE

Number of Awards Received in 2003	Associate Degrees Only		Certificates of Achievement 30+ Units Only		Certificates of Achievement 18+ Units Only		Combination of Assoc. Deg. & C.of A. 30+ units		Combination of Assoc. Deg. & C.of A. 18+ units		Combination of C.of A. 30+ units & C.of A. 18+ units		Combination Assoc. Deg., C.of A. 30+ units & C.of A. 18+ units		TOTAL
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
One Award	989	86.9%	48	4.2%	101	8.9%									1,138
Two Awards	19	9.9%	0	0.0%	2	1.0%	82	42.7%	89	46.4%	0	0.0%			192
Three Awards	0	0.0%	0	0.0%	1	6.7%	7	46.7%	6	40.0%	0	0.0%	1	6.7%	15
Four Awards	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%	0	0.0%	0	0.0%	1
Five Awards	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%	1
TOTAL	1008	74.8%	48	3.6%	104	7.7%	89	6.6%	96	7.1%	0	0.0%	2	0.1%	1,347

C. PREVIOUS AWARD STATUS⁸ - Mesa College

(Note: Data in this section are Unduplicated)

1. 2003 Award Recipients: No Previous Awards vs. Previous Awards by Ethnicity (Table 36 and Chart 26)

- African American and Latino recipients represented a higher percentage of recipients with previous awards than their corresponding percentage among all 2003 award recipients (African American, 11% of previous award recipients vs. 5% of all award recipients; Latino, 17% of previous award recipients vs. 13% of all award recipients).

2. 2003 Award Recipients: No Previous Awards vs. Previous Awards by Gender (Table 37 and Chart 27)

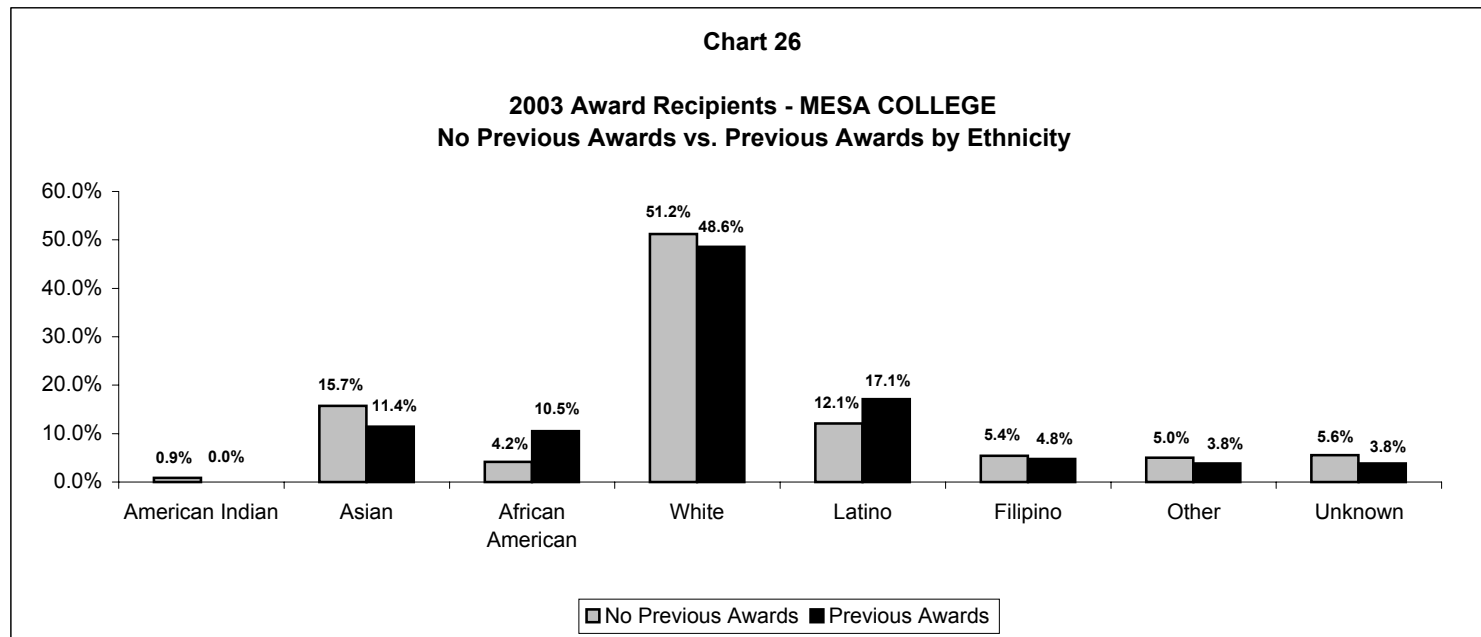
- Females represented 66% of the 2003 award recipients with previous awards, but represented only 59% of all 2003 award recipients.

⁸ Recipients with previous awards include those with additional degrees and certificates received prior to 2003 (1950 to 2002).

Table 36

**2003 Award Recipients - MESA COLLEGE
No Previous Awards¹ vs. Previous Awards by Ethnicity**

	No Previous Awards		Previous Awards		TOTAL	
	N	%	N	%	N	%
American Indian	11	0.9%	0	0.0%	11	0.8%
Asian	195	15.7%	12	11.4%	207	15.4%
African American	52	4.2%	11	10.5%	63	4.7%
White	636	51.2%	51	48.6%	687	51.0%
Latino	150	12.1%	18	17.1%	168	12.5%
Filipino	67	5.4%	5	4.8%	72	5.3%
Other	62	5.0%	4	3.8%	66	4.9%
Unknown	69	5.6%	4	3.8%	73	5.4%
TOTAL	1,242	100.0%	105	100.0%	1,347	100.0%

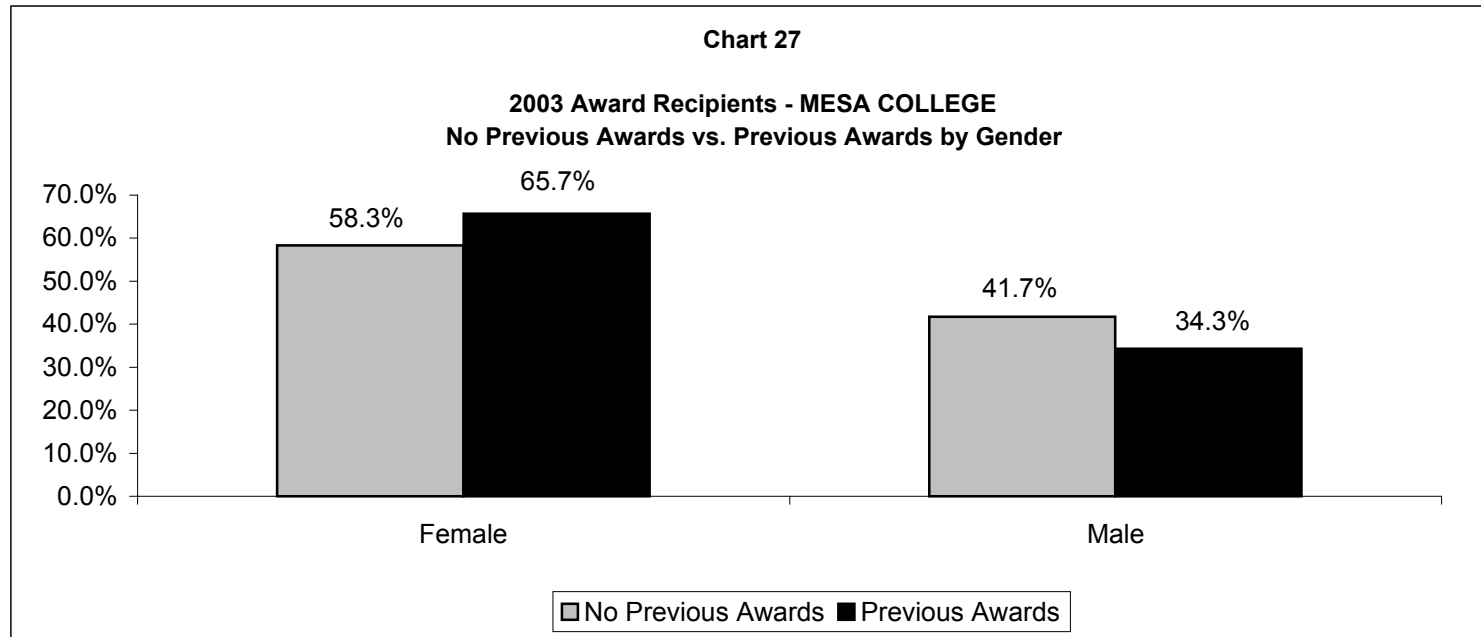


Note 1: Award recipients with additional degrees and certificates received prior to 2003 (1950 to 2002).

Table 37

**2003 Award Recipients - MESA COLLEGE
No Previous Awards¹ vs. Previous Awards by Gender**

	No Previous Awards		Previous Awards		TOTAL	
	N	%	N	%	N	%
Female	724	58.3%	69	65.7%	793	58.9%
Male	518	41.7%	36	34.3%	554	41.1%
TOTAL	1,242	100.0%	105	100.0%	1,347	100.0%



Note 1: Award recipients with additional degrees and certificates received prior to 2003 (1950 to 2002).

D. AVERAGE NUMBER OF COMPLETED UNITS AND SEMESTERS⁹ – Mesa College

(Note: Data in this section are Unduplicated)

1. 2003 Award Recipients: Average Number of Units Completed by Ethnic Group (Table 38)

- Of the 1,064 single award recipients¹⁰ in 2003, 929 were associate degree recipients, 44 received certificates of achievement (30+ units) and 91 were certificate of achievement (18+ units) recipients.
- Associate degree recipients completed an average of 64 units, slightly higher than the 60 unit requirement for associate degrees. The average of 63 units was similar for certificate of achievement (30+ units) recipients even though only 30 or more units are required for this certificate. In addition, although certificates of achievement (18+ units) require no more than 29 units, single award recipients of this type completed an average of 45 units.
- Comparisons by ethnic group showed Asian associate degree recipients with the highest average number of completed units (77 units). The numbers of certificate of achievement (30+ units) and certificate of achievement (18+ units) recipients were too small to make sufficient comparisons by ethnicity.

2. 2003 Award Recipients: Average Number of Semesters Completed by Ethnic Group (Table 39)

- Of the single award recipients¹⁰ in 2003, associate degree recipients completed an average of 8 semesters, certificate of achievement (30+ units) and (18+ units) recipients completed an average of 9 and 7 semesters respectively.
- Analysis by ethnic group showed African American associate degree recipients with the highest average number of completed semesters (10 semesters). The numbers of certificate of achievement (30+ units) and certificate of achievement (18+ units) recipients were too small to make adequate comparisons by ethnicity.

⁹ Only those who received a single SDCCD award in 2003 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2002) were included in the analysis.

Table 38
2003 Award Recipients - MESA COLLEGE
Average Number of Units Completed by Ethnic Group¹

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT ² 30+ Units		CERTIFICATE OF ACHIEVEMENT ³ 18+ Units	
	2003 Recipients		2003 Recipients		2003 Recipients	
	Average # of Units	N	Average # of Units	N	Average # of Units	N
American Indian	71.9	9	38.5	1		0
Asian	77.4	130	61.5	7	38.7	15
African American	67.9	29	67.5	2	54.3	7
White	60.4	486	59.3	25	43.8	44
Latino	65.7	113	83.6	4	50.4	18
Filipino	71.3	54	82.0	3	30.5	1
Other	64.1	51	50.0	1	66.5	2
Unknown	57.2	57	68.0	1	45.3	4
TOTAL	64.4	929	63.3	44	45.5	91

Note 1: Only those who received a single SDCCD award in 2003 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2002) were included in the analysis.

Note 2: Includes only certificate of achievement programs that require 30 or more units.

Note 3: Includes only certificate of achievement programs that require between 18 and 29 units.

Table 39
2003 Award Recipients - MESA COLLEGE
Average Number of Semesters Completed by Ethnic Group¹

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT ² 30+ Units		CERTIFICATE OF ACHIEVEMENT ³ 18+ Units	
	2003 Recipients		2003 Recipients		2003 Recipients	
	Average # of Semesters	N	Average # of Semesters	N	Average # of Semesters	N
American Indian	11	9	9	1		0
Asian	9	130	8	7	5	15
African American	10	29	9	2	8	7
White	7	486	8	25	7	44
Latino	8	113	15	4	8	18
Filipino	9	54	10	3	4	1
Other	8	51	6	1	7	2
Unknown	7	57	14	1	7	4
TOTAL	8	929	9	44	7	91

Note 1: Only those who received a single SDCCD award in 2002 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2001) were included in the analysis.

Note 2: Includes only certificate of achievement programs that require 30 or more units.

Note 3: Includes only certificate of achievement programs that require between 18 and 29 units.

Section IV

Miramar College Summary

Part 1: Awards

A. TOTAL AWARDS – Miramar College

(Note: Data in this section are Duplicated)

1. Total Number of Degrees and Certificates Awarded – 2002 vs. 2003 (Table 40)

- The total number of degrees and certificates awarded by Miramar College in 2003 was 1,031, more than the previous year (945 awards in 2002).
- The number of associate in science degrees awarded slightly increased (1% increase from 2002). In comparison to 2002, in 2003 there was a six percent (6%) increase in the number of associate in arts degrees awarded. The number of certificates of achievement (30+ units) and certificates of achievement (18+ units) awarded also increased by 7% and 22% respectively.

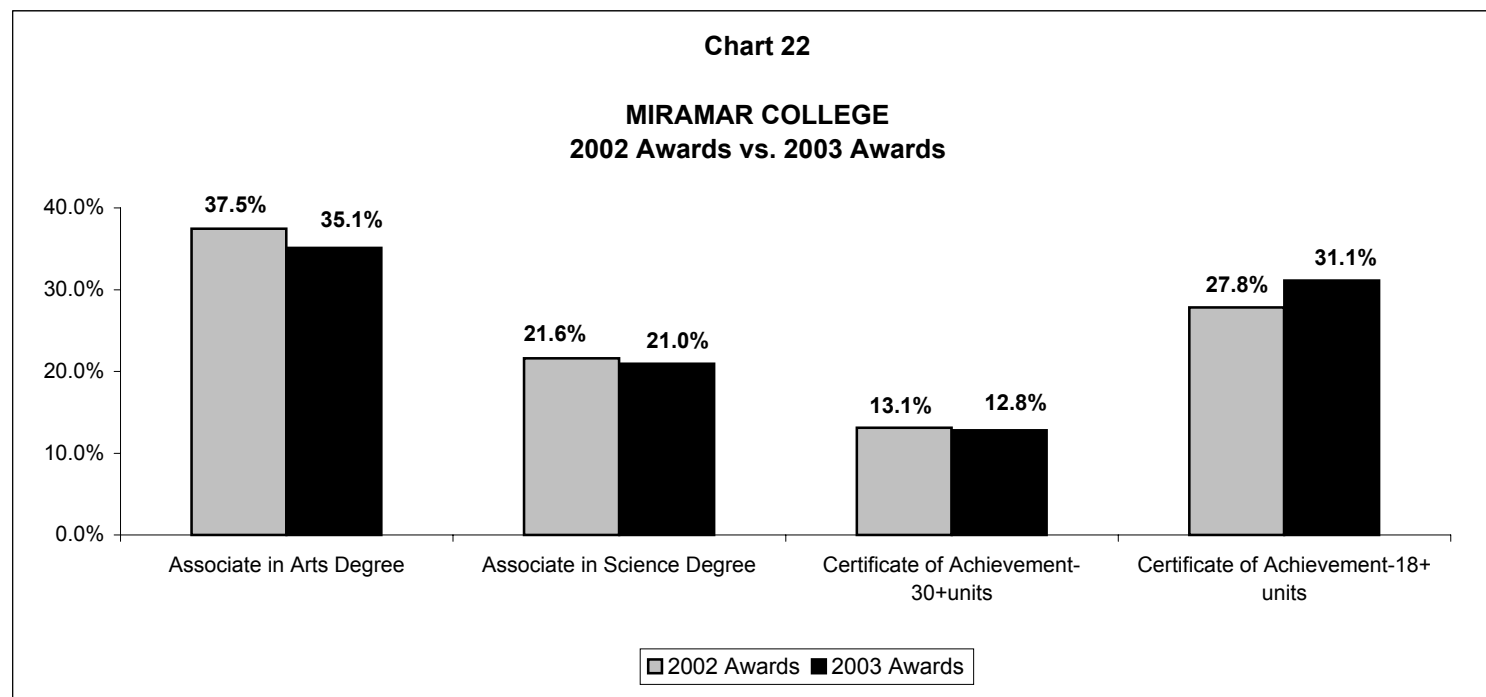
2. Total Number of Degrees and Certificates Awarded in 2003 (Chart 22)

- Thirty-five percent (35%) of all degrees and certificates awarded by Miramar College in 2003 were associate in arts degrees, 21% were associate in science degrees, 13% were certificates of achievement (30+ units), and 31% were certificates of achievement (18+ units).

Table 40

**Total Number of Degrees and Certificates Awarded¹ - MIRAMAR COLLEGE
2002 Awards vs. 2003 Awards**

	2002		2003		Change	% Change
Miramar College						
Associate in Arts Degree	354	37.5%	362	35.1%	8	2.3%
Associate in Science Degree	204	21.6%	216	21.0%	12	5.9%
Certificate of Achievement ² 30+ Units	124	13.1%	132	12.8%	8	6.5%
Certificate of Achievement ³ 18+ Units	263	27.8%	321	31.1%	58	22.1%
TOTAL	945	100.0%	1,031	100.0%	86	9.1%



Note 1: Data reflect duplicated recipient counts.

Note 2: Includes only certificate of achievement programs that require 30 or more units.

Note 3: Includes only certificate of achievement programs that require between 18 and 29 units.

Note 4: % Change = (2003 Awards - 2002 Awards) / 2002 Awards

B. AWARDS BY MAJOR – Miramar College

(Note: Data in this section are Duplicated)

1. Associate Degree

- The Transfer Studies CSU major represented 37% of the total number of associate degrees awarded in 2003 followed by the Liberal Arts – Option I – CSU General Education major, which represented 8% of the associate degree awards. The percentage of associate degree awards in each of the remaining majors did not exceed 7% of the total.

Table 41
2003 Associate Degree Awards by Major*

Major	Frequency	Percent
TRANSFER STUDIES CSU	213	36.9%
LIBERAL ARTS-OPTION I	48	8.3%
BUSINESS ADMINISTRATION	35	6.1%
TRANSFER STUDIES-T.A.G. - UC	32	5.5%
FIPT FIRE TECHNOLOGY	24	4.2%
CHILD DEVELOPMENT	20	3.5%
TRANSFER STUDIES IGETC UC	20	3.5%
SELECTED STUDIES	14	2.4%
LEGAL ASSISTANT	13	2.2%
COMPUTER/INFORMATION SCIENCE	13	2.2%
BIOLOGY - ALLIED HEALTH	13	2.2%
ADM OF JUS-CONTEMP. POLICE TEC	10	1.7%
ADMIN OF JUST-INVESTIGATIONS	8	1.4%
FIPT FIRE PROTECTION	8	1.4%
FIRE TECHNOLOGY	7	1.2%
PSYCHOLOGY	7	1.2%
ADMIN OF JUST-LAW ENFORCEMENT	6	1.0%
TRANSFER STUDIES IGETC CSU	6	1.0%
COMP BUS TECH-ADMIN ASSISTANT	6	1.0%
MATHEMATICS	5	0.9%
AVIATION MAINT TECH-AIRFRAME	5	0.9%
AVIATION MAINT TECH-POWERPLANT	5	0.9%
Other Majors	60	10.4%
TOTAL	578	100.0%

* This table includes disaggregated data for the top 22 most popular majors at Miramar College only. A complete listing of associate degree awards by major is provided in Appendix J.

B. AWARDS BY MAJOR – Miramar College (continued)

(Note: Data in this section are Duplicated)

2. Certificate of Achievement (3+ Units)

- Of the total number certificate of achievement (30+ units) awards given in 2003, 17% were in Aviation Maintenance Technician-Airframe, followed by 16% in Aviation Maintenance Technician-Power Plant, and 14% in Business Administration. The percentage of certificate of achievement (30+ units) awards in each of the remaining majors did not exceed 10% of the total.

Table 42
2003 Certificate of Achievement (30+ Units) Awards by Major*

Major	Frequency	Percent
AVIATION MAINT TECH-AIRFRAME	22	16.7%
AVIATION MAINT TECH-POWERPLANT	21	15.9%
BUSINESS ADMINISTRATION	18	13.6%
COMPUTER/INFORMATION SCIENCE	13	9.8%
LEGAL ASSISTANT	12	9.1%
DIESEL TECH-DIES EQUIP REPAIR	5	3.8%
ADMIN OF JUST-LAW ENFORCEMENT	5	3.8%
AIRCRAFT MAINT. TECH-POWERPLANT	4	3.0%
CHILD DEVELOPMNT MASTER TEACHR	4	3.0%
DIESEL HEAVY DUTY TRANS TECH	3	2.3%
ADM OF JUS-CONTEMP. POLICE TEC	3	2.3%
ADM OF JUST-TECH PROF ADV OFCR	3	2.3%
AV MNT TECH-AIRFRAME/POWERPLNT	3	2.3%
FIPT-FIRE PROTECTION INTERMED	3	2.3%
PHYSICAL SCIENCE-PHYSICS	2	1.5%
BUSINESS MANAGEMENT	2	1.5%
AIRCRAFT MAINT. TECH-AIRFRAME	2	1.5%
FIPT FIRE PROTECTION - BASIC	2	1.5%
AVIATION OPERATIONS-MGT/PILOT	1	0.8%
FIRE TECHNOLOGY	1	0.8%
AV MAINT-AIRFRAME STRUCTURE	1	0.8%
FIRE PROTECTION TECHNOLOGY	1	0.8%
ADM OF JUST-LAW ENF SUPRVISION	1	0.8%
TOTAL	132	100.0%

* This listing of certificate of achievement (30+ units) awards by major is also provided in Appendix K.

B. AWARDS BY MAJOR – Miramar College (continued)

(Note: Data in this section are Duplicated)

3. Certificate of Achievement (18+ Units)

- Of the certificate of achievement (18+ units) recipients in 2003, Administration of Justice-Law Enforcement Technician was the most popular major (22%), followed by Business Administration (7%), and Child Development Associate Teacher (7%). The percentage of certificate of achievement (18+ units) awards in each of the remaining majors did not exceed 7% of the total.

Table 43
2003 Certificate of Achievement (18+ Units) Awards by Major*

Major	Frequency	Percent
ADM OF JUST-LAW ENFO TECH	72	22.4%
BUSINESS ADMINISTRATION	22	6.9%
CHILD DEVELOPMNT ASSOC TEACHER	22	6.9%
AUTO TECH - AUTO BRAKES & SUSP	21	6.5%
AUTO TECH - AUTO TRANSMISSION	21	6.5%
FIPT FIRE TECHNOLOGY	20	6.2%
ADMIN OF JUST-INVESTIGATIONS	19	5.9%
CHILD DEVELOPMENT TEACHER	17	5.3%
AUTO TECH - AUTO ENGINE	16	5.0%
AUTO TECH - AUTO ELECTRIC	16	5.0%
ADM OF JUST-TECH PROF ADV OFCR	8	2.5%
DIES TECH-ENGINE OVERH 4 STROK	8	2.5%
DIES TECH-ENGINE REPAIR DETROI	8	2.5%
DIES TECH-ENGINE OVERH DETROIT	7	2.2%
DIES TECH-ENGINE REPAIR 4 DETR	7	2.2%
BUSMGT MORTGAGE BROKERAGE/BNKNG	5	1.6%
FIPT-FIRE PROTECTION INTERMED	5	1.6%
CMP BUS TECH MICROCOMPUTER APPL	4	1.2%
AVIATION OPERATIONS - PILOT	4	1.2%
COMP BUS TECH-ADMIN ASSISTANT	3	0.9%
AVIATION OPERATIONS-MANAGEMENT	3	0.9%
Other Majors	13	4.0%
TOTAL	321	100.0%

* This table includes disaggregated data for the top 21 most popular majors at Miramar College only. A complete listing of certificate of achievement (18+ units) awards by major is provided in Appendix L.

C. AWARDS BY ETHNICITY – Miramar College

(Note: Data in this section are Duplicated)

1. 2003 Degrees and Certificates Awarded by Ethnicity (Table 44)

- Of the 1,031 degrees and certificates awarded by Miramar College in 2003, 46% of the recipients were white, 14% were Asian, 13% were Filipino, 11% were Latino, and 5% were African Americans. By comparison, the ethnic distribution of associate degree recipients revealed a higher percentage of Asian (16%) and Filipino (17%), and the percentage of Latino recipients lower (8%). For certificate of achievement (30+ units) recipients, the percentage of white recipients was higher (49%). The percentage of Latino certificate of achievement (18+ units) recipients was higher (17%).

2. Comparisons of Ethnicities of 2003 Degree and Certificate Recipients and Fall 2003 Student Population (Chart 29, Chart 30, and Chart 31)

- The proportions of white certificate of achievement (30+ units) and certificate of achievement (18+ units) recipients in 2003 were lower than the corresponding proportion of whites in the fall 2003 Miramar College student population (certificate of achievement (30+ units), 49% of award recipients vs. 44% of population; certificate of achievement (18+ units), 49% of award recipients vs. 44% of population).
- For Latino recipients in 2003, the proportion of certificate of achievement (18+ units) recipients was notably higher than the corresponding proportion of Latinos in the fall 2003 Miramar College student population (17% of award recipients vs. 13% of population).
- Of the certificate of achievement (18+ units) recipients in 2003, the proportion of Asian recipients was lower than the corresponding proportion of Asians in the fall 2003 Miramar College student population (8% of award recipients vs. 14% of population).
- The proportion of Filipino associate degree recipients in 2003 was lower, while Filipino certificate of achievement (18+ units) recipients was higher than the corresponding proportion of Filipinos in the fall 2003 Miramar College student population (17% of associate degree recipients, 7% of certificate of achievement (18+ units) award recipients vs. 11% of population).

3. Comparisons of Ethnicities of Degree and Certificate Recipients: 2002 Awards vs. 2003 Awards (Chart 32, Chart 33, and Chart 34)

- The percentage of Asian associate degree and certificate of achievement (30+ units) recipients in 2003 decreased from the previous year (19% of 2002 associate degree award recipients vs. 16% of 2003 award recipients; 13% 2002 certificate of achievement (30+ units) award recipients vs. 8% of 2003 award recipients). By comparison, the percentage of Asian certificate of achievement (18+ units) recipients had increased from the previous year (9% of 2002 award recipients vs. 13% of 2003 award recipients).

C. AWARDS BY ETHNICITY – Miramar College (continued)

(Note: Data in this section are Duplicated)

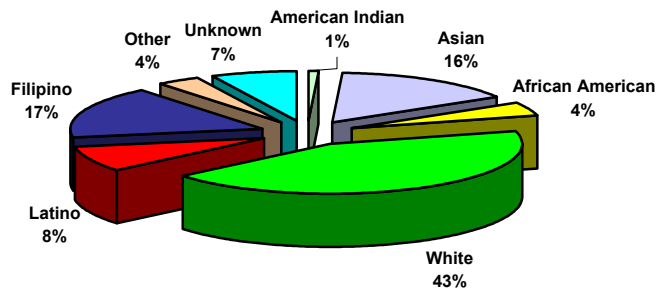
- The 2003 percentage of Latino certificate of achievement (18+ units) award recipients decreased from the previous year (21% of 2002 award recipients vs. 17% of 2003 award recipients).
- In 2003, Filipino associate degree and certificate of achievement (30+ units) recipients increased than the previous year (associate degree, 15% of 2002 award recipients vs. 17% 2003 award recipients; certificate of achievement (30+ units), 8% of 2002 award recipients vs. 13% of 2003 award recipients). In contrast, Filipino certificate of achievement (18+ units) recipients decreased in 2003 (11% of 2002 award recipients vs. 7% of 2003 award recipients).

Table 44

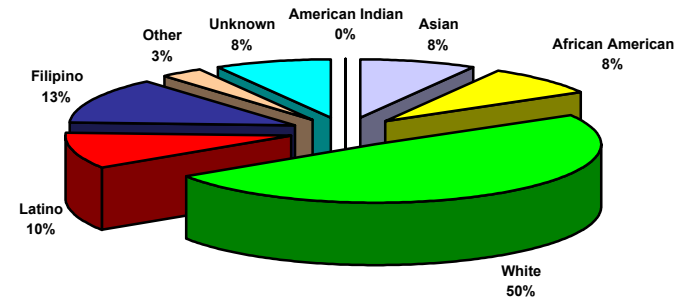
2003 Degree and Certificate Awards by Ethnicity - MIRAMAR COLLEGE

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT 30+units		CERTIFICATE OF ACHIEVEMENT 18+ units		TOTAL AWARDS	
	2003 AWARDS		2003 AWARDS		2003 AWARDS			
	N	%	N	%	N	%	N	%
American Indian	5	0.9%	0	0.0%	1	0.3%	6	0.6%
Asian	90	15.6%	11	8.3%	42	13.1%	143	13.9%
African American	25	4.3%	11	8.3%	20	6.2%	56	5.4%
White	250	43.3%	65	49.2%	156	48.6%	471	45.7%
Latino	48	8.3%	13	9.8%	54	16.8%	115	11.2%
Filipino	97	16.8%	17	12.9%	23	7.2%	137	13.3%
Other	22	3.8%	4	3.0%	8	2.5%	34	3.3%
Unknown	41	7.1%	11	8.3%	17	5.3%	69	6.7%
TOTAL	578	100.0%	132	100.0%	321	100.0%	1,031	100.0%

Associate Degree



Certificate of Achievement 30+ Units



Certificate of Achievement 18+ Units

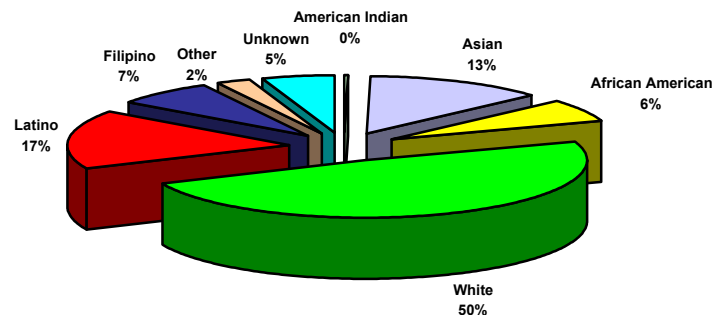


Chart 29

MIRAMAR COLLEGE
Comparisons of Ethnicities of 2003 Associate Degree Recipients and
Fall 2003 Student Population

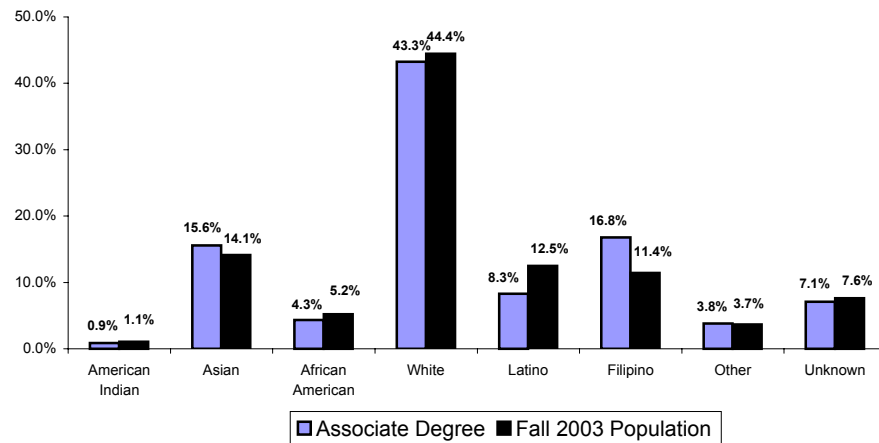


Chart 30

MIRAMAR COLLEGE
Comparisons of Ethnicities of 2003 Certificate of Achievement 30+
Units Recipients and Fall 2003 Student Population

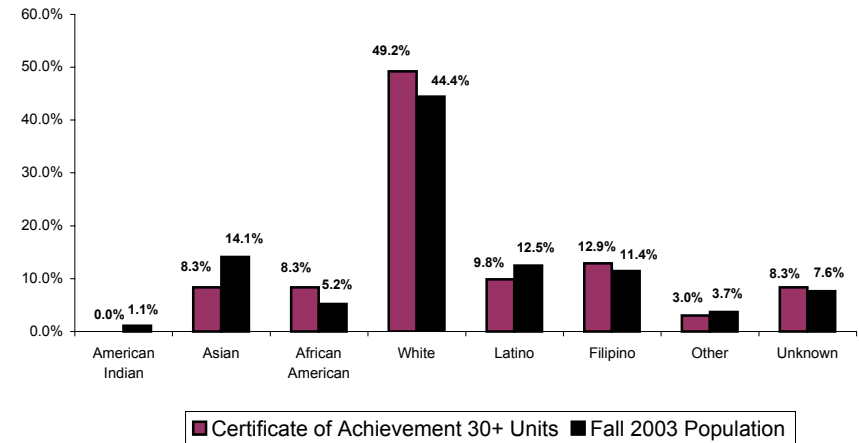


Chart 31

MIRAMAR COLLEGE
Comparisons of Ethnicities of 2003 Certificate of Achievement 18+
Units Recipients and Fall 2003 Student Population

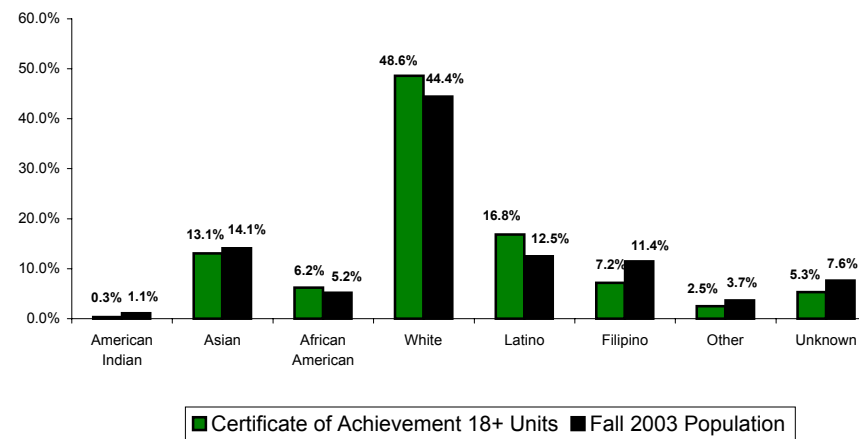


Chart 32

MIRAMAR COLLEGE
Comparisons of Ethnicities of Associate Degree Recipients:
2002 Awards vs. 2003 Awards

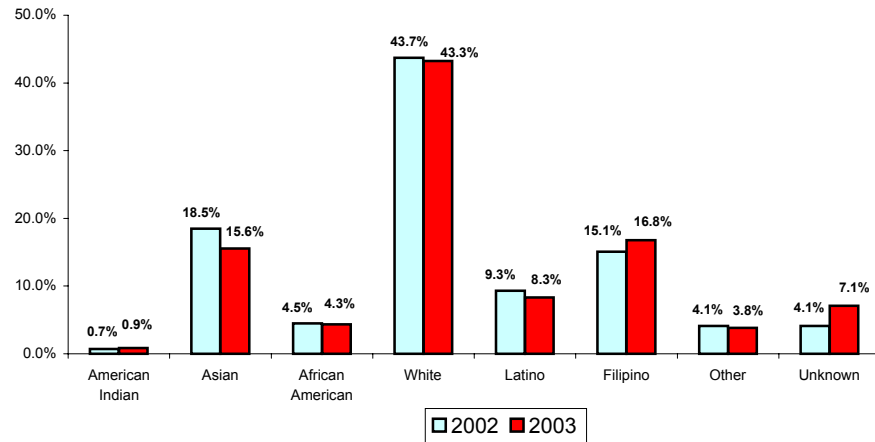


Chart 33

MIRAMAR COLLEGE
Comparisons of Ethnicities of 2001 Certificate of Achievement 30+ Units Recipients: 2002 Awards vs. 2003 Awards

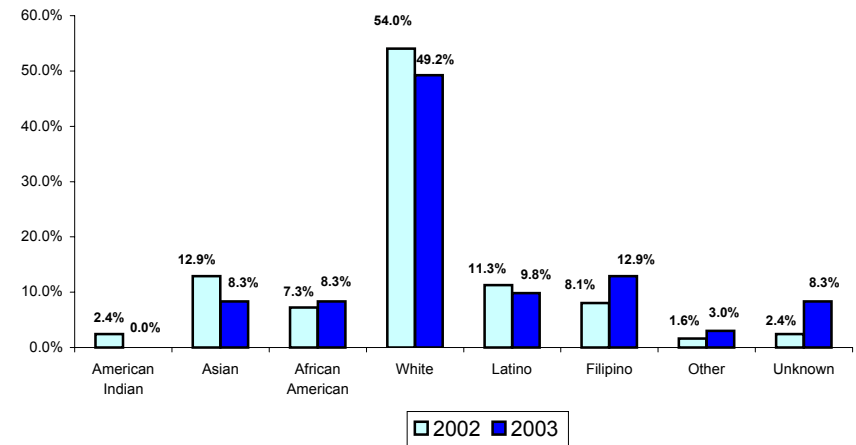
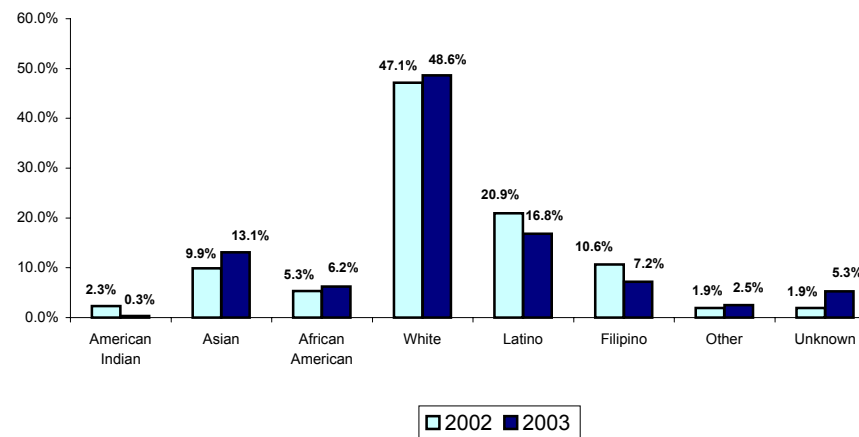


Chart 34

MIRAMAR COLLEGE
Comparisons of Ethnicities of Certificate of Achievement 18+ Units Recipients: 2002 Awards vs. 2003 Awards



Part 2: Profile of Recipients

A. RECIPIENT DEMOGRAPHICS – Miramar College

(Note: Data in this section are Unduplicated)

1. 2003 Degree and Certificate Award Recipients by Ethnicity (Table 45)

- Of all award recipients in 2003, 47% were white, 14% were Asian, 14% were Filipino, 10% were Latino, and 4% were African American.

2. 2003 Degree and Certificate Award Recipients by Gender (Table 46)

- In 2003, males constituted a majority (57%) of the 768 award recipients.

Table 45

2003 Degree and Certificate Award Recipients by Ethnicity - MIRAMAR COLLEGE

ETHNICITY	N	%
American Indian	5	0.7%
Asian	108	14.1%
African American	33	4.3%
White	360	46.9%
Latino	80	10.4%
Filipino	105	13.7%
Other	27	3.5%
Unknown	50	6.5%
TOTAL	768	100.0%

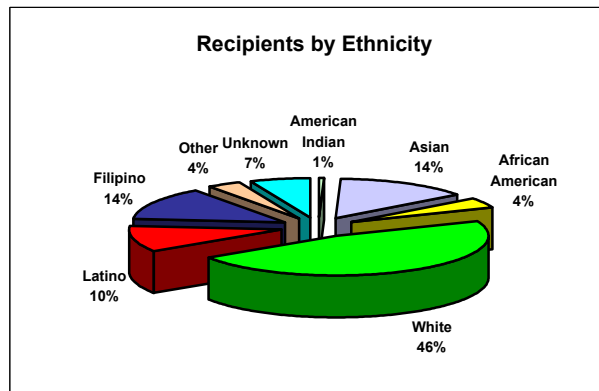
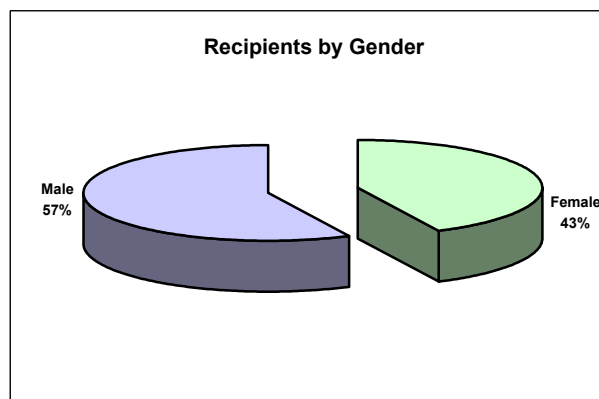


Table 46

2003 Degree and Certificate Award Recipients by Gender - MIRAMAR COLLEGE

GENDER	N	%
Female	328	42.7%
Male	440	57.3%
TOTAL	768	100.0%



B. SINGLE AND MULTIPLE AWARD RECIPIENTS – Miramar College

(Note: Data in this section are Unduplicated)

1. 2003 Single and Multiple Award Recipients by Number of Awards Received (Table 47)

- In 2003, 76% of the award recipients received one award, 17% received two awards, 5% received three awards, and the remaining 2% received four or more awards.

2. 2003 Single and Multiple Award Recipients by Award Type (Table 48)

- Of the recipients who received one award in 2003, 70% of them received an associate degree, while only 8% received a certificate of achievement (30+ units) and 22% received a certificate of achievement (18+ units).
- Of the 129 students who received two awards in 2003, 30% received an associate degree and a certificate of achievement (30+ units), while another 30% received an associate degree and a certificate of achievement (18+ units).
- Thirty-three percent (33%) of the recipients with three awards received a combination of associate degrees and certificates of achievement (18+ units).

Table 47

2003 Multiple Award Recipients by Number of Awards Received - MIRAMAR COLLEGE

Number of Awards Received in 2003	N	%
One Award	583	75.9%
Two Awards	129	16.8%
Three Awards	37	4.8%
Four Awards	13	1.7%
Five Awards	4	0.5%
Six Awards	2	0.3%
TOTAL	768	100.0%

Table 48

2003 Multiple Award Recipients by Award Type - MIRAMAR COLLEGE

Number of Awards Received in 2003	Associate Degrees Only		Certificates of Achievement 30+ Units Only		Certificates of Achievement 18+ Units Only		Combination of Assoc. Deg. & C.of A. 30+ units		Combination of Assoc. Deg. & C.of A. 18+ units		Combination of C.of A. 30+ units & C.of A. 18+ units		Combination Assoc. Deg., C.of A. 30+ units & C.of A. 18+ units		TOTAL
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
One Award	408	70.0%	46	7.9%	129	22.1%									583
Two Awards	19	14.7%	8	6.2%	19	14.7%	38	29.5%	38	29.5%	7	5.4%			129
Three Awards	2	5.4%	0	0.0%	7	18.9%	11	29.7%	12	32.4%	2	5.4%	3	8.1%	37
Four Awards	0	0.0%	0	0.0%	12	92.3%	0	0.0%	1	7.7%	0	0.0%	0	0.0%	13
Five Awards	0	0.0%	0	0.0%	0	0.0%	1	25.0%	1	25.0%	2	50.0%	0	0.0%	4
Six Awards	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	100.0%	0	0.0%	2
TOTAL	429	55.9%	54	7.0%	167	21.7%	50	6.5%	52	6.8%	13	1.7%	3	0.4%	768

C. PREVIOUS AWARD STATUS¹⁰ - Miramar College

(Note: Data in this section are Unduplicated)

1. 2003 Award Recipients: No Previous Awards vs. Previous Awards by Ethnicity (Table 49 and Chart 35)

- Filipino recipients represented a lower percentage of recipients with previous awards than their corresponding percentage among all 2003 award recipients (9% of previous award recipients vs. 14% of all award recipients).

2. 2003 Award Recipients: No Previous Awards vs. Previous Awards by Gender (Table 50 and Chart 36)

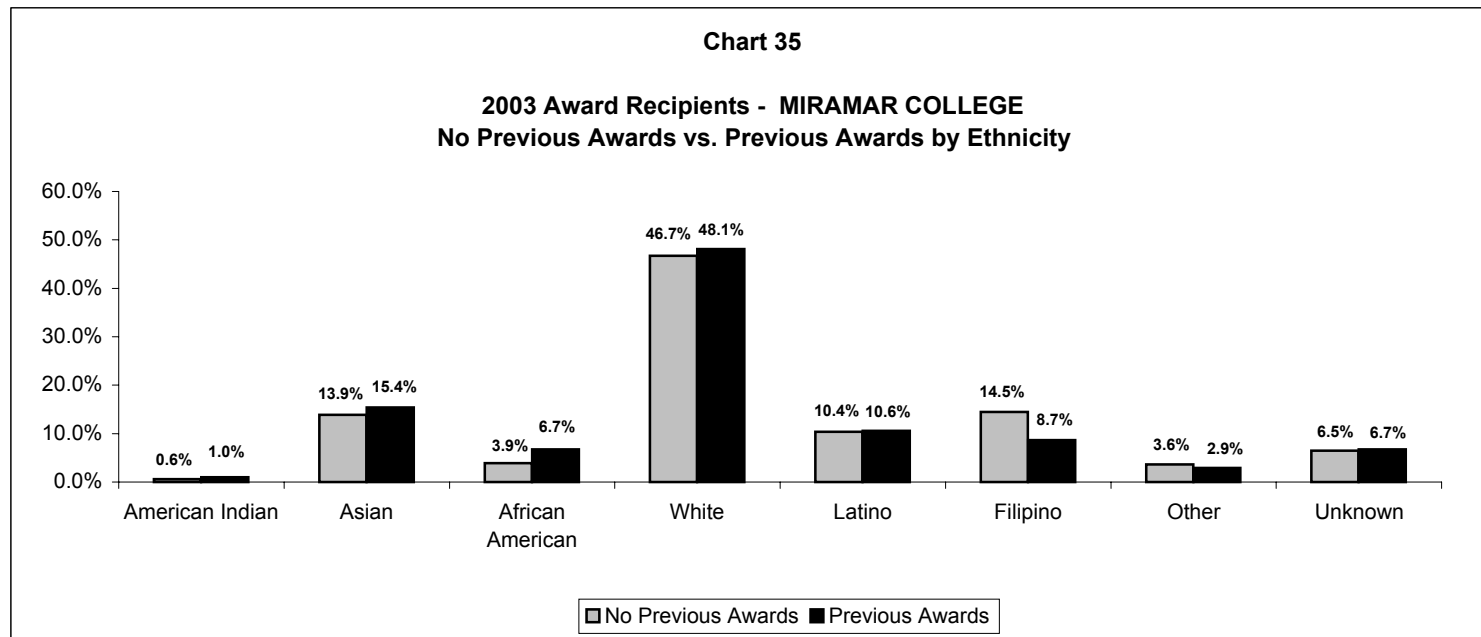
- Females represented 47% of the 2003 award recipients with previous awards, but represented only 42% of all 2003 award recipients.

¹⁰ Recipients with previous awards include those with additional degrees and certificates received prior to 2003 (1950 to 2002).
7/12/2004

Table 49

**2003 Award Recipients - MIRAMAR COLLEGE
No Previous Awards¹ vs. Previous Awards by Ethnicity**

	No Previous Awards		Previous Awards		TOTAL	
	N	%	N	%	N	%
American Indian	4	0.6%	1	1.0%	5	0.7%
Asian	92	13.9%	16	15.4%	108	14.1%
African American	26	3.9%	7	6.7%	33	4.3%
White	310	46.7%	50	48.1%	360	46.9%
Latino	69	10.4%	11	10.6%	80	10.4%
Filipino	96	14.5%	9	8.7%	105	13.7%
Other	24	3.6%	3	2.9%	27	3.5%
Unknown	43	6.5%	7	6.7%	50	6.5%
TOTAL	664	100.0%	104	100.0%	768	100.0%



Note 1: Award recipients with additional degrees and certificates received prior to 2003 (1950 to 2002).

Table 51

2003 Award Recipients - MIRAMAR COLLEGE
Average Number of Units Completed by Ethnic Group¹

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT ² 30+ Units		CERTIFICATE OF ACHIEVEMENT ³ 18+ Units	
	2003 Recipients		2003 Recipients		2003 Recipients	
	Average # of Units	N	Average # of Units	N	Average # of Units	N
American Indian	63.3	2	.	0	23.0	1
Asian	71.8	61	58.5	2	42.2	11
African American	59.4	13	.	0	37.8	4
White	62.4	146	58.4	19	44.8	68
Latino	63.4	26	49.2	6	33.4	20
Filipino	72.4	64	28.8	2	46.5	6
Other	80.3	16	70.0	1	47.4	4
Unknown	65.3	24	84.0	3	52.9	4
TOTAL	66.8	352	56.5	33	42.6	118

Note 1: Only those who received a single SDCCD award in 2003 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2002) were included in the analysis.

Note 2: Includes only certificate of achievement programs that require 30 or more units.

Note 3: Includes only certificate of achievement programs that require between 18 and 29 units.

D. AVERAGE NUMBER OF COMPLETED UNITS AND SEMESTERS¹¹ – Miramar College

(Note: Data in this section are Unduplicated)

1. 2003 Award Recipients: Average Number of Units Completed by Ethnic Group (Table 51)

- Of the 503 single award recipients¹² in 2003, 352 were associate degree recipients, 33 were certificate of achievement (30+ units) recipients, and 118 were certificate of achievement (18+ units) recipients.
- Associate degree recipients completed an average of 67 units, slightly higher than the 60 unit requirement for associate degrees. The average was 57 units for certificate of achievement (30+ units) recipients even though only a minimum of 30 units is required for this certificate. In addition, although certificates of achievement (18+ units) require no more than 29 units, single award recipients of this type completed an average of 43 units.
- Comparisons by ethnic group showed Asian and Filipino associate degree recipients with the higher average number of completed units (72 units for both). The number of certificate of achievement (30+ units) and certificate of achievement (18+ units) recipients was too small to make adequate comparisons by ethnicity.

2. 2003 Award Recipients: Average Number of Semesters Completed by Ethnic Group (Table 52)

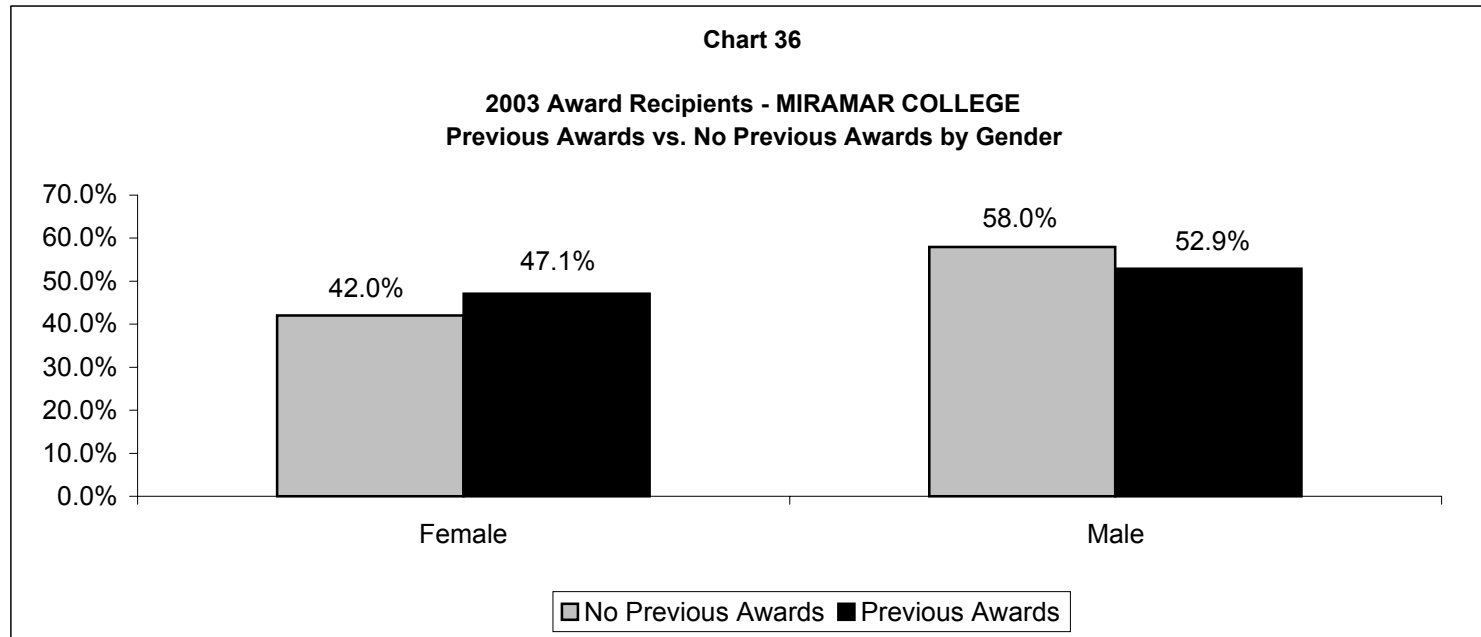
- Of the single award recipients¹² in 2003, associate degree recipients completed an average of 8 semesters, while certificate of achievement (30+ units) recipients completed an average of 7 semesters. However, because of the small number of certificate of achievement (30+ units) recipients (33 recipients), the results should be viewed with caution. The average number of semesters completed by certificate of achievement (18+ units) recipients was 6 semesters.
- Analysis by ethnic group showed Asian, Filipino and Latino associate degree recipients completing an average of 9 semesters, while the other groups all completed an average of 8 semesters. The number of certificate of achievement (30+ units) and certificate of achievement (18+ units) recipients was too small to make sufficient comparisons by ethnicity.

¹¹ Only those who received a single SDCCD award in 2003 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2002) were included in the analysis.

Table 50

**2003 Award Recipients - MIRAMAR COLLEGE
Previous Awards¹ vs. No Previous Awards by Gender**

	No Previous Awards		Previous Awards		TOTAL	
	N	%	N	%	N	%
Female	279	42.0%	49	47.1%	328	42.7%
Male	385	58.0%	55	52.9%	440	57.3%
TOTAL	664	100.0%	104	100.0%	768	100.0%



Note 1: Award recipients with additional degrees and certificates received prior to 2003 (1950 to 2002).

Table 52
2003 Award Recipients - MIRAMAR COLLEGE
Average Number of Semesters Completed by Ethnic Group¹

ETHNICITY	ASSOCIATE DEGREES		CERTIFICATE OF ACHIEVEMENT ² 30+ Units		CERTIFICATE OF ACHIEVEMENT ³ 18+ Units	
	2003 Recipients		2003 Recipients		2003 Recipients	
	Average # of Semesters	N	Average # of Semesters	N	Average # of Semesters	N
American Indian	8	2	0	0	12	1
Asian	9	61	5	2	5	11
African American	8	13	0	0	5	4
White	8	146	7	19	6	68
Latino	9	26	7	6	4	20
Filipino	9	64	6	2	5	6
Other	10	16	6	1	8	4
Unknown	10	24	9	3	8	4
TOTAL	8	352	7	33	6	118

Note 1: Only those who received a single SDCCD award in 2003 (degree or certificate) and have no previous SDCCD awards (from 1950 to 2002) were included in the analysis.

Note 2: Includes only certificate of achievement programs that require 30 or more units.

Note 3: Includes only certificate of achievement programs that require between 18 and 29 units.

Appendix A

2003 Associate Degree Awards by Major Districtwide

Appendix A

2003 Associate Degree Awards by Major - DISTRICTWIDE

Major	Frequency	Percent
TRANSFER STUDIES CSU	770	31.2%
LIBERAL ARTS-OPTION I	205	8.3%
TRANSFER STUDIES-T.A.G. - UC	167	6.8%
SELECTED STUDIES	105	4.3%
TRANSFER STUDIES IGETC UC	89	3.6%
BUSINESS ADMINISTRATION	85	3.4%
CHILD DEVELOPMENT	80	3.2%
TRANSFER STUDIES OTHER	55	2.2%
NURSING EDUCATION RN	54	2.2%
BIOLOGY - ALLIED HEALTH	37	1.5%
PSYCHOLOGY	32	1.3%
COMPUTER/INFORMATION SCIENCE	32	1.3%
ANIMAL HEALTH TECHNOLOGY	28	1.1%
BUS STUDIES SDSU BUSINESS ADM	27	1.1%
BEHAVIORAL SCI-ALCOHOL & DRUG	24	1.0%
COMP BUS TECH-ADMIN ASSISTANT	24	1.0%
FIPT FIRE TECHNOLOGY	24	1.0%
HEALTH INFORMATION TECHNOLOGY	23	0.9%
BEHAVIORAL SCIENCE-PSYCHOLOGY	22	0.9%
MATHEMATICS	21	0.9%
ENGLISH	19	0.8%
REAL ESTATE	16	0.6%
TRANSFER STUDIES IGETC CSU	15	0.6%
BEHAVIORAL SCIENCE-SOCIOLOGY	14	0.6%
LEGAL ASSISTANT	13	0.5%
ACCOUNTING	13	0.5%
MULTIMEDIA	13	0.5%
LIBERAL ARTS-OPTION II	12	0.5%
INTERIOR DESIGN	12	0.5%
ADM OF JUS-CONTEMP. POLICE TEC	10	0.4%
BIOLOGY	10	0.4%
ELECTRONICS TECH-COMMUNICATION	10	0.4%
RADIOLOGIC TECHNOLOGY	10	0.4%
BEHAVIORAL SCI-SOCIAL WORK	10	0.4%

Appendix A

2003 Associate Degree Awards by Major - DISTRICTWIDE

Major	Frequency	Percent
COMP & INFO SYS-MICROCOMPUTER	9	0.4%
CMP BUS TECH MICROCOMPUTER APPL	9	0.4%
HOTEL-MOTEL MANAGEMENT	8	0.3%
AMERICAN SIGN LANGUAGE INTERP	8	0.3%
ADMIN OF JUST-INVESTIGATIONS	8	0.3%
ELECTRICITY	8	0.3%
TRAVEL AIRLINE TRAVEL AGENCY	8	0.3%
FIPT FIRE PROTECTION	8	0.3%
COMPUTER INFORMATION SYSTEMS	8	0.3%
FIRE TECHNOLOGY	7	0.3%
BLACK STUDIES	7	0.3%
FOREIGN LANGUAGE-SPANISH	7	0.3%
SOCIAL SCIENCE-HISTORY	7	0.3%
BLDG CONST TECH-INSPECTION	7	0.3%
VIS & PERF ART-ART GRAPHIC DES	7	0.3%
COMM RTV-VIDEO/FILM	7	0.3%
BUS STUDIES SM-BUS ACCOUNTING	7	0.3%
CHILD DEVELOPMNT SITE SUPERVISR	7	0.3%
DRAMATIC ARTS	6	0.2%
FASHION-FASHION MERCHANDISING	6	0.2%
AIR CONDITIONING/REFRIGERATION	6	0.2%
ENGINEERING	6	0.2%
ADMIN OF JUST-LAW ENFORCEMENT	6	0.2%
MEDICAL ASSISTING	6	0.2%
SELECTED STUDIES/PRE-BAC/NURSE	5	0.2%
FASHION-FASHION DESIGN	5	0.2%
ELRN MICROPROC/CONTR DESIGN	5	0.2%
VIS & PERF ART-2 DIMENSION ART	5	0.2%
AVIATION MAINT TECH-AIRFRAME	5	0.2%
AVIATION MAINT TECH-POWERPLANT	5	0.2%
LIBERAL ARTS - OPTION III	4	0.2%
PHYSICAL SCIENCE-PHYSICS	4	0.2%
SOCIOLOGY	4	0.2%
FOOD SERVICE OCCUPATIONS	4	0.2%

Appendix A

2003 Associate Degree Awards by Major - DISTRICTWIDE

Major	Frequency	Percent
WATER/WASTE WATER TECHNOLOGY	4	0.2%
ARCHITECTURE	4	0.2%
MACHINE TECHNOLOGY-CAM	4	0.2%
VIS & PERF ART-PHOTOGRAPHY	4	0.2%
COMMUNICATION SPEECH	4	0.2%
BUS STUDIES LEGAL ASSISTANT	4	0.2%
AIRCRAFT MAINT. TECH-POWRPLANT	4	0.2%
APPLIED MATHEMATICS	3	0.1%
BEHAVIORAL SCIENCE-ANTHRO	3	0.1%
BUSINESS MANAGEMENT	3	0.1%
MARKETING	3	0.1%
ADMIN OF JUSTICE-LAW ENF/INVST	3	0.1%
MANU TECH-AUTOM EQUIP TECH	3	0.1%
ARCHITECTURE CONSTRUCTION MGT	3	0.1%
POLITICAL SCIENCE	3	0.1%
AIRCRAFT MAINT. TECH-AIRFRAME	3	0.1%
FIRE PROTECTION TECHNOLOGY	3	0.1%
CBTE INFO MANAGEMENT TECH	3	0.1%
AVIATION OPERATIONS - PILOT	3	0.1%
AV MNT TECH-AIRFRAME/POWERPLNT	3	0.1%
LANGUAGES - SPANISH	3	0.1%
COMM RTV-BROADCAST NEWS	3	0.1%
BLDG TRDS-ELECTRICAL TRADE OPT	3	0.1%
AVIATION OPERATIONS-MGT/PILOT	2	0.1%
ANTHROPOLOGY	2	0.1%
BILINGUAL STUDIES	2	0.1%
MUSIC	2	0.1%
PHYS SCIENCE-CHEMISTRY	2	0.1%
TRAVEL AND TOURISM	2	0.1%
AUTOMOTIVE TECHNOLOGY	2	0.1%
ARCHITECTURE-LANDSCAPE	2	0.1%
COSMETOLOGY	2	0.1%
DENTAL ASSISTING	2	0.1%
HISTORY	2	0.1%

Appendix A

2003 Associate Degree Awards by Major - DISTRICTWIDE

Major	Frequency	Percent
VIS & PERF ART-THEATRE	2	0.1%
COMM RTV-MULTIMEDIA	2	0.1%
BUS STUDIES SMALL BUS MGMT	2	0.1%
BIOLOGY - APPLIED BIOLOGY	2	0.1%
CBTE MEDICL TRANSCRIPTION SPEC	2	0.1%
FIPT OPEN WTR LIFEGUARD PROF	2	0.1%
SDG&E APPRENTICE LINEMAN	2	0.1%
AVIATION MAINT TECH-GEN STUD	2	0.1%
COMPUTER TECH ILLUSTRATION	2	0.1%
OFF INFO SYS-ADMIN ASST	1	0.0%
DIESEL-HEAVY EQUIP. TECH.	1	0.0%
DIESEL HEAVY DUTY TRANS TECH	1	0.0%
CHICANO STUDIES	1	0.0%
ART-FINE ARTS-ART HISTORY	1	0.0%
ART-FINE ARTS-CERAMICS	1	0.0%
ART-FINE ARTS-DRAWING/PAINTING	1	0.0%
JOURNALISM	1	0.0%
FOREIGN LANGUAGE-FRENCH	1	0.0%
ART-FINE ARTS MUSEUM STUDIES	1	0.0%
ART EDUCATION - NON-SPEC	1	0.0%
PHYSICAL EDUCATION	1	0.0%
SOCIAL SCIENCES	1	0.0%
SPEECH COMMUNICATIONS	1	0.0%
SOCIAL SCIENCE-GEOGRAPHY	1	0.0%
SOCIAL SCIENCE-PHILOSOPHY	1	0.0%
SOCIAL SCIENCE-POLITICAL SCI	1	0.0%
ELECTRONICS TECH-GENERAL	1	0.0%
ELECTRONICS TECH-DIGITAL	1	0.0%
FIRE SCIENCE	1	0.0%
PHYSICAL THERAPIST ASST	1	0.0%
WATER/WASTE WATER TEC-WATER TR	1	0.0%
ARCHITECTURE SURVY	1	0.0%
ARCHITECTURE TECHNICIAN	1	0.0%
ARCHITECTURE LANDSCAPE ARCH	1	0.0%

Appendix A

2003 Associate Degree Awards by Major - DISTRICTWIDE

Major	Frequency	Percent
WATER/WASTEWTR TEC DIS/COL SYS	1	0.0%
LANGUAGES	1	0.0%
PHYS & EARTH SCI-CHEMISTRY	1	0.0%
PHYS & EARTH SCI-GEOGRAPHY	1	0.0%
COMM RTV-TELIVISION/NEWS	1	0.0%
COMP & INFO SYS-INFO DECIS SYS	1	0.0%
AIRCRAFT MNT TECH-AVIATION GENL	1	0.0%
TRAVEL MTG CONV PLANNING	1	0.0%
APPRENTICE PLUMBER	1	0.0%
BUS STU COMP ASMBLY & REPAIR	1	0.0%
BUS STU COMPUTER SOFTWARE APPL	1	0.0%
AVIATION OPERATIONS-MANAGEMENT	1	0.0%
LIBERAL ARTS 1 - GEOGRAPHY	1	0.0%
LIBERAL ARTS 1 - POLITICAL SCI	1	0.0%
FIPT-FIRE PREVENTION	1	0.0%
COMPUTER BUSINESS TECHNOLOGY	1	0.0%
SDG&E APP-ELEC REP SHOP MECH	1	0.0%
AVIATION MAINT TECH-PRIVATE PILOT	1	0.0%
TRANSFER STUDIES CSU HIST	1	0.0%
TRANSF STUDIES IGETC CSU ANTH	1	0.0%
TRANSFER STUDIES IGETC UC ANTH	1	0.0%
GEOGRAPHIC INFO SYSTEMS	1	0.0%
LANGUAGES - FRENCH	1	0.0%
VIS PERF ARTS-ELECTR MUSIC	1	0.0%
BEH SC HUM SRV EARLY CHILDHOOD	1	0.0%
CONS TRDS-ELECTRICAL TRADE OPT	1	0.0%
Total	2,467	100.0%

Appendix B

2003 Certificate of Achievement¹ (30+ Units)

Awards by Major Districtwide

¹ Includes only certificate of achievement programs that require 30 or more units.

Appendix B
2003 Certificate of Achievement (30+ Units) Awards by Major DISTRICTWIDE

Major	Frequency	Percent
COSMETOLOGY	69	12.2%
BEHAVIORAL SCI-ALCOHOL & DRUG	53	9.3%
BUSINESS ADMINISTRATION	37	6.5%
RADIOLOGIC TECHNOLOGY	32	5.6%
COMPUTER/INFORMATION SCIENCE	31	5.5%
BLDG TRDS-ELECTRICAL TRADE OPT	30	5.3%
AVIATION MAINT TECH-AIRFRAME	22	3.9%
AVIATION MAINT TECH-POWERPLANT	21	3.7%
SDG&E APPRENTICE LINEMAN	18	3.2%
PIPEFITTING APPRENTICE	13	2.3%
AMERICAN SIGN LANGUAGE INTERP	12	2.1%
CHILD DEVELOPMNT MASTER TEACHR	12	2.1%
LEGAL ASSISTANT	12	2.1%
CONS TRDS-PLUMBING TRADE OPT	10	1.8%
AIR CONDITIONING/REFRIGERATION	10	1.8%
CONS TRDS-ELECTRICAL TRADE OPT	9	1.6%
BLDG TRDS-PLUMBING TRADE OPT	9	1.6%
ELECTRONICS TECH-COMMUNICATION	9	1.6%
INTERIOR DESIGN	9	1.6%
FASHION-FASHION MERCHANDISING	8	1.4%
APPRENTICE PLUMBER	7	1.2%
MEDICAL ASSISTING	7	1.2%
ELRN MICROPROC/CONTR DESIGN	6	1.1%
HOTEL-MOTEL MANAGEMENT	6	1.1%
MACHINE TECHNOLOGY-CAM	6	1.1%
BLDG TRDS-SHEET METAL TRD OPT	5	0.9%
ADMIN OF JUST-LAW ENFORCEMENT	5	0.9%
BUSINESS MANAGEMENT	5	0.9%
DIESEL TECH-DIES EQUIP REPAIR	5	0.9%
ELECTRICITY - ELEC LNMN	5	0.9%
LIGHT RAIL VEHICLE LINEMAN	5	0.9%
PHYSICAL SCIENCE-PHYSICS	5	0.9%
AIRCOND/REF/HOSP/GEN MAINT TEC	4	0.7%
AIRCRAFT MAINT. TECH-POWRPLANT	4	0.7%

Appendix B
2003 Certificate of Achievement (30+ Units) Awards by Major DISTRICTWIDE

Major	Frequency	Percent
BUS STUDIES LEGAL ASSISTANT	4	0.7%
AV MNT TECH-AIRFRAME/POWERPLNT	3	0.5%
FIPT-FIRE PROTECTION INTERMED	3	0.5%
ADM OF JUS-CONTEMP. POLICE TEC	3	0.5%
ADM OF JUST-TECH PROF ADV OFCR	3	0.5%
ARCHITECTURE	3	0.5%
DIESEL HEAVY DUTY TRANS TECH	3	0.5%
MARKETING	3	0.5%
MULTIMEDIA INTERACT MEDIA PROD	3	0.5%
SDG&E APP-ELEC REP SHOP MECH	3	0.5%
COMPUTER INFORMATION SYSTEMS	2	0.4%
BLDG TRDS-PIPEFITING TRADE OPT	2	0.4%
AIRCRAFT MAINT. TECH-AIRFRAME	2	0.4%
ARCHITECTURE-LANDSCAPE	2	0.4%
BUS STUDIES SMALL BUS MGMT	2	0.4%
FASHION-FASHION DESIGN	2	0.4%
FIPT FIRE PROTECTION - BASIC	2	0.4%
MACHINE TECHNOLOGY-CNC	2	0.4%
MANU TECH-AUTOM EQUIP TECH	2	0.4%
PHYS SCIENCE-CHEMISTRY	2	0.4%
BEH SC HUM SRV EARLY CHILDHOOD	1	0.2%
ADM OF JUST-LAW ENF SUPRVISION	1	0.2%
ARCHITECTURE LANDSCAPE ARCH	1	0.2%
ARCHITECTURE SURVY	1	0.2%
ARCHITECTURE TECHNICIAN	1	0.2%
AV MAINT-AIRFRAME STRUCTURE	1	0.2%
AVIATION OPERATIONS-MGT/PILOT	1	0.2%
COMP BUS TECH-ADMIN ASSISTANT	1	0.2%
DENTAL ASSISTING	1	0.2%
FIRE PROTECTION TECHNOLOGY	1	0.2%
FIRE TECHNOLOGY	1	0.2%
MILLING MACHINIST	1	0.2%
REAL ESTATE	1	0.2%
REVENUE MAINTAINER	1	0.2%
SOLAR TURBINES-TOOL & DIE MAKR	1	0.2%
Total	567	100.0%

Appendix C

2003 Certificate of Achievement¹ (18+ Units) Awards by Major Districtwide

¹ Includes only certificate of achievement programs that require between 18 and 29 units.

Appendix C

2003 Certificate of Achievement (18+ Units) Awards by Major- DISTRICTWIDE

Major	Frequency	Percent
CHILD DEVELOPMENT TEACHER	83	11.1%
CHILD DEVELOPMNT ASSOC TEACHER	79	10.5%
ADM OF JUST-LAW ENFO TECH	72	9.6%
BUSINESS ADMINISTRATION	53	7.1%
CERT PHYS ED-FITNESS SPECIALST	35	4.7%
COMP BUS TECH-ADMIN ASSISTANT	24	3.2%
AUTO TECH - AUTO BRAKES & SUSP	21	2.8%
AUTO TECH - AUTO TRANSMISSION	21	2.8%
ACCOUNTING	21	2.8%
FIPT FIRE TECHNOLOGY	20	2.7%
ADMIN OF JUST-INVESTIGATIONS	19	2.5%
INTERIOR DESIGN	18	2.4%
AUTO TECH - AUTO ENGINE	16	2.1%
AUTO TECH - AUTO ELECTRIC	16	2.1%
REAL ESTATE	15	2.0%
ELECTRICITY	14	1.9%
HEAT/AC/VENT & AC/DESIGN	13	1.7%
BLDG CONST TECH-INSPECTION	12	1.6%
DENTAL ASSISTING	12	1.6%
FOOD SERVICE OCCUPATIONS	11	1.5%
ELECTRONICS TECHNOLOGY	11	1.5%
CMP BUS TECH MICROCMPUTER APPL	11	1.5%
VIS & PERF ART-ART GRAPHIC DES	10	1.3%
TRAVEL AIRLINE TRAVEL AGENCY	8	1.1%
ADM OF JUST-TECH PROF ADV OFCR	8	1.1%
DIES TECH-ENGINE OVERH 4 STROK	8	1.1%
DIES TECH-ENGINE REPAIR DETROI	8	1.1%
MACHINE TECHNOLOGY-CNC	7	0.9%
WATER/WASTEWTR TEC DIS/COL SYS	7	0.9%
DIES TECH-ENGINE OVERH DETROIT	7	0.9%
DIES TECH-ENGINE REPAIR 4 DETR	7	0.9%
WATER/WASTE WATER TEC-WATER TR	6	0.8%
VIS & PERF ART-PHOTOGRAPHY	6	0.8%
COMP & INFO SYS-MICROCOMPUTER	6	0.8%

Appendix C

2003 Certificate of Achievement (18+ Units) Awards by Major- DISTRICTWIDE

Major	Frequency	Percent
BUSMGT MORTGAGE BROKERAGE/BNKNG	5	0.7%
CHILD DEVELOPMENT	5	0.7%
ARCHITECTURE CONSTRUCTION MGT	5	0.7%
FIPT-FIRE PROTECTION INTERMED	5	0.7%
AVIATION OPERATIONS - PILOT	4	0.5%
COMPUTER/INFORMATION SCIENCE	3	0.4%
WATER/WASTE WATER TEC OPERATOR	3	0.4%
CBTE MEDICL TRANSCRIPTION SPEC	3	0.4%
CBTE INFO MANAGEMENT TECH	3	0.4%
AVIATION OPERATIONS-MANAGEMENT	3	0.4%
ADM OF JUS-CONTEMP. POLICE TEC	2	0.3%
FASHION-FASHION DESIGN	2	0.3%
HOTEL-MOTEL MANAGEMENT	2	0.3%
ADMIN OF JUST-LAW ENFORCEMENT	2	0.3%
TRAVEL MTG CONV PLANNING	2	0.3%
COMPUTER TECH ILLUSTRATION	2	0.3%
LEGAL ASSISTANT	1	0.1%
C&N: NUTRITION & FITNESS	1	0.1%
C&N: NUTRITION	1	0.1%
AMERICAN SIGN LANGUAGE INTERP	1	0.1%
BLDG CONST TECH-ELECTRICAL	1	0.1%
ENGINEERING DRAFTING	1	0.1%
FIRE PROTECTION TECHNOLOGY	1	0.1%
CHILD DEVELOPMNT MASTER TEACHR	1	0.1%
CBTE MEDICAL BUSINESS ASST	1	0.1%
ADM OF JUS-ADV TRF AC INV CERT	1	0.1%
ADM OF JUST-CERT COR TRNG DP S	1	0.1%
AVIATION MAINT TECH-AIRFRAME	1	0.1%
AVIATION MAINT TECH-PRIVATE PILOT	1	0.1%
AV MNT TECH-AIRFRAME/POWERPLNT	1	0.1%
Total	750	100.0%

Appendix D

2003 Associate Degree Awards by Major City College

Appendix D

2003 Associate Degree Awards by Major - CITY COLLEGE

Major	Frequency	Percent
LIBERAL ARTS-OPTION I	110	16.6%
TRANSFER STUDIES CSU	84	12.7%
NURSING EDUCATION RN	54	8.2%
CHILD DEVELOPMENT	48	7.3%
BUS STUDIES SDSU BUSINESS ADM	27	4.1%
BEHAVIORAL SCI-ALCOHOL & DRUG	24	3.6%
BEHAVIORAL SCIENCE-PSYCHOLOGY	22	3.3%
BIOLOGY - ALLIED HEALTH	18	2.7%
SELECTED STUDIES	16	2.4%
BEHAVIORAL SCIENCE-SOCIOLOGY	14	2.1%
ENGLISH	11	1.7%
ELECTRONICS TECH-COMMUNICATION	10	1.5%
BEHAVIORAL SCI-SOCIAL WORK	10	1.5%
TRANSFER STUDIES IGETC UC	10	1.5%
COMP & INFO SYS-MICROCOMPUTER	9	1.4%
TRANSFER STUDIES-T.A.G. - UC	9	1.4%
COMP BUS TECH-ADMIN ASSISTANT	9	1.4%
ELECTRICITY	8	1.2%
COMPUTER INFORMATION SYSTEMS	8	1.2%
LIBERAL ARTS-OPTION II	7	1.1%
MATHEMATICS	7	1.1%
VIS & PERF ART-ART GRAPHIC DES	7	1.1%
COMM RTV-VIDEO/FILM	7	1.1%
BUS STUDIES SM-BUS ACCOUNTING	7	1.1%
AIR CONDITIONING/REFRIGERATION	6	0.9%
ENGINEERING	6	0.9%
SELECTED STUDIES/PRE-BAC/NURSE	5	0.8%
ELRN MICROPROC/CONTR DESIGN	5	0.8%
VIS & PERF ART-2 DIMENSION ART	5	0.8%
CHILD DEVELOPMNT SITE SUPERVISR	5	0.8%
TRANSFER STUDIES OTHER	5	0.8%
CMP BUS TECH MICROCOMPUTER APPL	5	0.8%
BLACK STUDIES	4	0.6%
BIOLOGY	4	0.6%

Appendix D

2003 Associate Degree Awards by Major - CITY COLLEGE

Major	Frequency	Percent
FOREIGN LANGUAGE-SPANISH	4	0.6%
MACHINE TECHNOLOGY-CAM	4	0.6%
VIS & PERF ART-PHOTOGRAPHY	4	0.6%
COMMUNICATION SPEECH	4	0.6%
BUS STUDIES LEGAL ASSISTANT	4	0.6%
BEHAVIORAL SCIENCE-ANTHRO	3	0.5%
MANU TECH-AUTOM EQUIP TECH	3	0.5%
POLITICAL SCIENCE	3	0.5%
COMM RTV-BROADCAST NEWS	3	0.5%
BLDG TRDS-ELECTRICAL TRADE OPT	3	0.5%
LIBERAL ARTS - OPTION III	2	0.3%
BILINGUAL STUDIES	2	0.3%
COSMETOLOGY	2	0.3%
HISTORY	2	0.3%
VIS & PERF ART-THEATRE	2	0.3%
COMM RTV-MULTIMEDIA	2	0.3%
BUS STUDIES SMALL BUS MGMT	2	0.3%
BIOLOGY - APPLIED BIOLOGY	2	0.3%
SDG&E APPRENTICE LINEMAN	2	0.3%
COMPUTER TECH ILLUSTRATION	2	0.3%
OFF INFO SYS-ADMIN ASST	1	0.2%
JOURNALISM	1	0.2%
FOREIGN LANGUAGE-FRENCH	1	0.2%
ART EDUCATION - NON-SPEC	1	0.2%
PHYSICAL EDUCATION	1	0.2%
SPEECH COMMUNICATIONS	1	0.2%
ELECTRONICS TECH-GENERAL	1	0.2%
ELECTRONICS TECH-DIGITAL	1	0.2%
LANGUAGES	1	0.2%
PHYS & EARTH SCI-CHEMISTRY	1	0.2%
PHYS & EARTH SCI-GEOGRAPHY	1	0.2%
COMM RTV-TELEVISION/NEWS	1	0.2%
COMP & INFO SYS-INFO DECIS SYS	1	0.2%
APPRENTICE PLUMBER	1	0.2%

Appendix D

2003 Associate Degree Awards by Major - CITY COLLEGE

Major	Frequency	Percent
BUS STU COMP ASMBLY & REPAIR	1	0.2%
BUS STU COMPUTER SOFTWARE APPL	1	0.2%
SDG&E APP-ELEC REP SHOP MECH	1	0.2%
VIS PERF ARTS-ELECTR MUSIC	1	0.2%
BEH SC HUM SRV EARLY CHILDHOOD	1	0.2%
CONS TRDS-ELECTRICAL TRADE OPT	1	0.2%
Total	661	100.0%

Appendix E

2003 Certificate of Achievement¹ (30+ Units)

Awards by Major

City College

¹ Includes only certificate of achievement programs that require 30 or more units.

Appendix E

2003 Certificate of Achievement (30+ Units) Awards by Major - CITY COLLEGE

Major	Frequency	Percent
COSMETOLOGY	69	23.3%
BEHAVIORAL SCI-ALCOHOL & DRUG	53	17.9%
BLDG TRDS-ELECTRICAL TRADE OPT	30	10.1%
SDG&E APPRENTICE LINEMAN	18	6.1%
PIPEFITTING APPRENTICE	13	4.4%
AIR CONDITIONING/REFRIGERATION	10	3.4%
CONS TRDS-PLUMBING TRADE OPT	10	3.4%
ELECTRONICS TECH-COMMUNICATION	9	3.0%
CONS TRDS-ELECTRICAL TRADE OPT	9	3.0%
BLDG TRDS-PLUMBING TRADE OPT	9	3.0%
APPRENTICE PLUMBER	7	2.4%
ELRN MICROPROC/CONTR DESIGN	6	2.0%
MACHINE TECHNOLOGY-CAM	6	2.0%
CHILD DEVELOPMNT MASTER TEACHR	6	2.0%
ELECTRICITY - ELEC LNMN	5	1.7%
LIGHT RAIL VEHICLE LINEMAN	5	1.7%
BLDG TRDS-SHEET METAL TRD OPT	5	1.7%
AIRCOND/REF/HOSP/GEN MAINT TEC	4	1.4%
BUS STUDIES LEGAL ASSISTANT	4	1.4%
SDG&E APP-ELEC REP SHOP MECH	3	1.0%
MACHINE TECHNOLOGY-CNC	2	0.7%
MANU TECH-AUTOM EQUIP TECH	2	0.7%
BUS STUDIES SMALL BUS MGMT	2	0.7%
COMPUTER INFORMATION SYSTEMS	2	0.7%
BLDG TRDS-PIPEFITING TRADE OPT	2	0.7%
MILLING MACHINIST	1	0.3%
REVENUE MAINTAINER	1	0.3%
COMP BUS TECH-ADMIN ASSISTANT	1	0.3%
SOLAR TURBINES-TOOL & DIE MAKR	1	0.3%
BEH SC HUM SRV EARLY CHILDHOOD	1	0.3%
Total	296	100.0%

Appendix F

2003 Certificate of Achievement¹ (18+ Units)

Awards by Major

City College

¹ Includes only certificate of achievement programs that require between 18 and 29 units.

Appendix F

2003 Certificate of Achievement (18+ Units) Awards by Major - CITY COLLEGE

Major	Frequency	Percent
CHILD DEVELOPMENT TEACHER	55	25.7%
CHILD DEVELOPMNT ASSOC TEACHER	50	23.4%
CERT PHYS ED-FITNESS SPECIALST	18	8.4%
ELECTRICITY	14	6.5%
HEAT/AC/VENT & AC/DESIGN	13	6.1%
COMP BUS TECH-ADMIN ASSISTANT	13	6.1%
ELECTRONICS TECHNOLOGY	11	5.1%
VIS & PERF ART-ART GRAPHIC DES	10	4.7%
MACHINE TECHNOLOGY-CNC	7	3.3%
VIS & PERF ART-PHOTOGRAPHY	6	2.8%
COMP & INFO SYS-MICROCOMPUTER	6	2.8%
CHILD DEVELOPMENT	4	1.9%
CMP BUS TECH MICROCMPUTER APPL	4	1.9%
COMPUTER TECH ILLUSTRATION	2	0.9%
ENGINEERING DRAFTING	1	0.5%
Total	214	100.0%

Appendix G

2003 Associate Degree Awards by Major Mesa College

Appendix G

2003 Associate Degree Awards by Major - MESA COLLEGE

Major	Frequency	Percent
TRANSFER STUDIES CSU	473	38.5%
TRANSFER STUDIES-T.A.G. - UC	126	10.3%
SELECTED STUDIES	75	6.1%
TRANSFER STUDIES IGETC UC	59	4.8%
BUSINESS ADMINISTRATION	50	4.1%
LIBERAL ARTS-OPTION I	47	3.8%
TRANSFER STUDIES OTHER	47	3.8%
ANIMAL HEALTH TECHNOLOGY	28	2.3%
PSYCHOLOGY	25	2.0%
HEALTH INFORMATION TECHNOLOGY	23	1.9%
COMPUTER/INFORMATION SCIENCE	19	1.5%
REAL ESTATE	16	1.3%
MULTIMEDIA	13	1.1%
CHILD DEVELOPMENT	12	1.0%
INTERIOR DESIGN	12	1.0%
RADIOLOGIC TECHNOLOGY	10	0.8%
MATHEMATICS	9	0.7%
ACCOUNTING	9	0.7%
TRANSFER STUDIES IGETC CSU	9	0.7%
COMP BUS TECH-ADMIN ASSISTANT	9	0.7%
HOTEL-MOTEL MANAGEMENT	8	0.7%
AMERICAN SIGN LANGUAGE INTERP	8	0.7%
TRAVEL AIRLINE TRAVEL AGENCY	8	0.7%
SOCIAL SCIENCE-HISTORY	7	0.6%
BLDG CONST TECH-INSPECTION	7	0.6%
DRAMATIC ARTS	6	0.5%
ENGLISH	6	0.5%
FASHION-FASHION MERCHANDISING	6	0.5%
MEDICAL ASSISTING	6	0.5%
BIOLOGY - ALLIED HEALTH	6	0.5%
BIOLOGY	5	0.4%
FASHION-FASHION DESIGN	5	0.4%
FOOD SERVICE OCCUPATIONS	4	0.3%
WATER/WASTE WATER TECHNOLOGY	4	0.3%

Appendix G

2003 Associate Degree Awards by Major - MESA COLLEGE

Major	Frequency	Percent
ARCHITECTURE	4	0.3%
BLACK STUDIES	3	0.2%
FOREIGN LANGUAGE-SPANISH	3	0.2%
LIBERAL ARTS-OPTION II	3	0.2%
APPLIED MATHEMATICS	3	0.2%
PHYSICAL SCIENCE-PHYSICS	3	0.2%
SOCIOLOGY	3	0.2%
MARKETING	3	0.2%
ARCHITECTURE CONSTRUCTION MGT	3	0.2%
CBTE INFO MANAGEMENT TECH	3	0.2%
LANGUAGES - SPANISH	3	0.2%
MUSIC	2	0.2%
PHYS SCIENCE-CHEMISTRY	2	0.2%
BUSINESS MANAGEMENT	2	0.2%
TRAVEL AND TOURISM	2	0.2%
ARCHITECTURE-LANDSCAPE	2	0.2%
DENTAL ASSISTING	2	0.2%
CBTE MEDICL TRANSCRIPTION SPEC	2	0.2%
CMP BUS TECH MICROCOMPUTER APPL	2	0.2%
CHICANO STUDIES	1	0.1%
ANTHROPOLOGY	1	0.1%
ART-FINE ARTS-ART HISTORY	1	0.1%
ART-FINE ARTS-CERAMICS	1	0.1%
ART-FINE ARTS-DRAWING/PAINTING	1	0.1%
ART-FINE ARTS MUSEUM STUDIES	1	0.1%
SOCIAL SCIENCES	1	0.1%
SOCIAL SCIENCE-GEOGRAPHY	1	0.1%
SOCIAL SCIENCE-PHILOSOPHY	1	0.1%
SOCIAL SCIENCE-POLITICAL SCI	1	0.1%
PHYSICAL THERAPIST ASST	1	0.1%
WATER/WASTE WATER TEC-WATER TR	1	0.1%
ARCHITECTURE SURVY	1	0.1%
ARCHITECTURE TECHNICIAN	1	0.1%
ARCHITECTURE LANDSCAPE ARCH	1	0.1%

Appendix G

2003 Associate Degree Awards by Major - MESA COLLEGE

Major	Frequency	Percent
WATER/WASTEWTR TEC DIS/COL SYS	1	0.1%
TRAVEL MTG CONV PLANNING	1	0.1%
CHID DEVELOPMNT SITE SUPERVISR	1	0.1%
COMPUTER BUSINESS TECHNOLOGY	1	0.1%
GEOGRAPHIC INFO SYSTEMS	1	0.1%
LANGUAGES - FRENCH	1	0.1%
Total	1,228	100.0%

Appendix H

2003 Certificate of Achievement¹ (30+ Units) Awards by Major Mesa College

¹ Includes only certificate of achievement programs that require 30 or more units.

Appendix H

2003 Certificate of Achievement (30+ Units) Awards by Major - MESA COLLEGE

Major	Frequency	Percent
RADIOLOGIC TECHNOLOGY	32	23.0%
BUSINESS ADMINISTRATION	19	13.7%
COMPUTER/INFORMATION SCIENCE	18	12.9%
AMERICAN SIGN LANGUAGE INTERP	12	8.6%
INTERIOR DESIGN	9	6.5%
FASHION-FASHION MERCHANDISING	8	5.8%
MEDICAL ASSISTING	7	5.0%
HOTEL-MOTEL MANAGEMENT	6	4.3%
PHYSICAL SCIENCE-PHYSICS	3	2.2%
BUSINESS MANAGEMENT	3	2.2%
MARKETING	3	2.2%
ARCHITECTURE	3	2.2%
MULTIMEDIA INTERACT MEDIA PROD	3	2.2%
PHYS SCIENCE-CHEMISTRY	2	1.4%
FASHION-FASHION DESIGN	2	1.4%
ARCHITECTURE-LANDSCAPE	2	1.4%
CHILD DEVELOPMNT MASTER TEACHR	2	1.4%
REAL ESTATE	1	0.7%
DENTAL ASSISTING	1	0.7%
ARCHITECTURE SURVY	1	0.7%
ARCHITECTURE TECHNICIAN	1	0.7%
ARCHITECTURE LANDSCAPE ARCH	1	0.7%
Total	139	100.0%

Appendix I

2003 Certificate of Achievement¹ (18+ Units) Awards by Major Mesa College

¹ Includes only certificate of achievement programs that require between 18 and 29 units.

Appendix I

2003 Certificate of Achievement (18+ Units) Awards by Major - MESA COLLEGE

Major	Frequency	Percent
BUSINESS ADMINISTRATION	31	14.4%
ACCOUNTING	20	9.3%
INTERIOR DESIGN	18	8.4%
CERT PHYS ED-FITNESS SPECIALST	17	7.9%
REAL ESTATE	15	7.0%
BLDG CONST TECH-INSPECTION	12	5.6%
DENTAL ASSISTING	12	5.6%
FOOD SERVICE OCCUPATIONS	11	5.1%
CHILD DEVELOPMENT TEACHER	11	5.1%
TRAVEL AIRLINE TRAVEL AGENCY	8	3.7%
COMP BUS TECH-ADMIN ASSISTANT	8	3.7%
WATER/WASTEWTR TEC DIS/COL SYS	7	3.3%
CHILD DEVELOPMNT ASSOC TEACHER	7	3.3%
WATER/WASTE WATER TEC-WATER TR	6	2.8%
ARCHITECTURE CONSTRUCTION MGT	5	2.3%
COMPUTER/INFORMATION SCIENCE	3	1.4%
WATER/WASTE WATER TEC OPERATOR	3	1.4%
CBTE MEDICL TRANSCRIPTION SPEC	3	1.4%
CBTE INFO MANAGEMENT TECH	3	1.4%
CMP BUS TECH MICROCOMPUTER APPL	3	1.4%
FASHION-FASHION DESIGN	2	0.9%
HOTEL-MOTEL MANAGEMENT	2	0.9%
TRAVEL MTG CONV PLANNING	2	0.9%
C&N: NUTRITION & FITNESS	1	0.5%
C&N: NUTRITION	1	0.5%
AMERICAN SIGN LANGUAGE INTERP	1	0.5%
CHILD DEVELOPMENT	1	0.5%
BLDG CONST TECH-ELECTRICAL	1	0.5%
CBTE MEDICAL BUSINESS ASST	1	0.5%
Total	215	100.0%

Appendix J

2003 Associate Degree Awards by Major Miramar College

Appendix J

2003 Associate Degree Awards by Major - MIRAMAR COLLEGE

Major	Frequency	Percent
TRANSFER STUDIES CSU	213	36.9%
LIBERAL ARTS-OPTION I	48	8.3%
BUSINESS ADMINISTRATION	35	6.1%
TRANSFER STUDIES-T.A.G. - UC	32	5.5%
FIPT FIRE TECHNOLOGY	24	4.2%
CHILD DEVELOPMENT	20	3.5%
TRANSFER STUDIES IGETC UC	20	3.5%
SELECTED STUDIES	14	2.4%
LEGAL ASSISTANT	13	2.2%
COMPUTER/INFORMATION SCIENCE	13	2.2%
BIOLOGY - ALLIED HEALTH	13	2.2%
ADM OF JUS-CONTEMP. POLICE TEC	10	1.7%
ADMIN OF JUST-INVESTIGATIONS	8	1.4%
FIPT FIRE PROTECTION	8	1.4%
FIRE TECHNOLOGY	7	1.2%
PSYCHOLOGY	7	1.2%
ADMIN OF JUST-LAW ENFORCEMENT	6	1.0%
TRANSFER STUDIES IGETC CSU	6	1.0%
COMP BUS TECH-ADMIN ASSISTANT	6	1.0%
MATHEMATICS	5	0.9%
AVIATION MAINT TECH-AIRFRAME	5	0.9%
AVIATION MAINT TECH-POWERPLANT	5	0.9%
ACCOUNTING	4	0.7%
AIRCRAFT MAINT. TECH-POWRPLANT	4	0.7%
ADMIN OF JUSTICE-LAW ENF/INVST	3	0.5%
AIRCRAFT MAINT. TECH-AIRFRAME	3	0.5%
FIRE PROTECTION TECHNOLOGY	3	0.5%
TRANSFER STUDIES OTHER	3	0.5%
AVIATION OPERATIONS - PILOT	3	0.5%
AV MNT TECH-AIRFRAME/POWERPLNT	3	0.5%
AVIATION OPERATIONS-MGT/PILOT	2	0.3%
LIBERAL ARTS - OPTION III	2	0.3%
ENGLISH	2	0.3%
LIBERAL ARTS-OPTION II	2	0.3%

Appendix J

2003 Associate Degree Awards by Major - MIRAMAR COLLEGE

Major	Frequency	Percent
AUTOMOTIVE TECHNOLOGY	2	0.3%
CMP BUS TECH MICROCMPUTER APPL	2	0.3%
FIPT OPEN WTR LIFEGUARD PROF	2	0.3%
AVIATION MAINT TECH-GEN STUD	2	0.3%
DIESEL-HEAVY EQUIP. TECH.	1	0.2%
DIESEL HEAVY DUTY TRANS TECH	1	0.2%
ANTHROPOLOGY	1	0.2%
BIOLOGY	1	0.2%
PHYSICAL SCIENCE-PHYSICS	1	0.2%
SOCIOLOGY	1	0.2%
BUSINESS MANAGEMENT	1	0.2%
FIRE SCIENCE	1	0.2%
AIRCRAFT MNT TECH-AVIATION GENL	1	0.2%
CHID DEVELOPMNT SITE SUPERVISR	1	0.2%
AVIATION OPERATIONS-MANAGEMENT	1	0.2%
LIBERAL ARTS 1 - GEOGRAPHY	1	0.2%
LIBERAL ARTS 1 - POLITICAL SCI	1	0.2%
FIPT-FIRE PREVENTION	1	0.2%
AVIATION MAINT TECH-PRIVATE PILOT	1	0.2%
TRANSFER STUDIES CSU HIST	1	0.2%
TRANSF STUDIES IGETC CSU ANTH	1	0.2%
TRANSFER STUDIES IGETC UC ANTH	1	0.2%
Total	578	100.0%

Appendix K

2003 Certificate of Achievement¹ (30+ Units) Awards by Major Miramar College

¹ Includes only certificate of achievement programs that require 30 or more units.

Appendix K

2003 Certificate of Achievement (30+ Units) Awards by Major - MIRAMAR COLLEGE

Major	Frequency	Percent
AVIATION MAINT TECH-AIRFRAME	22	16.7%
AVIATION MAINT TECH-POWERPLANT	21	15.9%
BUSINESS ADMINISTRATION	18	13.6%
COMPUTER/INFORMATION SCIENCE	13	9.8%
LEGAL ASSISTANT	12	9.1%
DIESEL TECH-DIES EQUIP REPAIR	5	3.8%
ADMIN OF JUST-LAW ENFORCEMENT	5	3.8%
AIRCRAFT MAINT. TECH-POWERPLANT	4	3.0%
CHILD DEVELOPMENT MASTER TEACHER	4	3.0%
DIESEL HEAVY DUTY TRANS TECH	3	2.3%
ADM OF JUST-CONTEMP. POLICE TECH	3	2.3%
ADM OF JUST-TECH PROF ADV OFCR	3	2.3%
AV MAINT TECH-AIRFRAME/POWERPLANT	3	2.3%
FIRE-FIRE PROTECTION INTERMED	3	2.3%
PHYSICAL SCIENCE-PHYSICS	2	1.5%
BUSINESS MANAGEMENT	2	1.5%
AIRCRAFT MAINT. TECH-AIRFRAME	2	1.5%
FIRE-FIRE PROTECTION - BASIC	2	1.5%
AVIATION OPERATIONS-MGT/PILOT	1	0.8%
FIRE TECHNOLOGY	1	0.8%
AV MAINT-AIRFRAME STRUCTURE	1	0.8%
FIRE PROTECTION TECHNOLOGY	1	0.8%
ADM OF JUST-LAW ENF SUPERVISION	1	0.8%
Total	132	100.0%

Appendix L

2003 Certificate of Achievement¹ (18+ Units) Awards by Major Miramar College

¹ Includes only certificate of achievement programs that require between 18 and 29 units.

Appendix L

2003 Certificate of Achievement (18+ Units) Awards by Major - MIRAMAR COLLEGE

Major	Frequency	Percent
ADM OF JUST-LAW ENFO TECH	72	22.4%
BUSINESS ADMINISTRATION	22	6.9%
CHILD DEVELOPMNT ASSOC TEACHER	22	6.9%
AUTO TECH - AUTO BRAKES & SUSP	21	6.5%
AUTO TECH - AUTO TRANSMISSION	21	6.5%
FIPT FIRE TECHNOLOGY	20	6.2%
ADMIN OF JUST-INVESTIGATIONS	19	5.9%
CHILD DEVELOPMENT TEACHER	17	5.3%
AUTO TECH - AUTO ENGINE	16	5.0%
AUTO TECH - AUTO ELECTRIC	16	5.0%
ADM OF JUST-TECH PROF ADV OFCR	8	2.5%
DIES TECH-ENGINE OVERH 4 STROK	8	2.5%
DIES TECH-ENGINE REPAIR DETROI	8	2.5%
DIES TECH-ENGINE OVERH DETROIT	7	2.2%
DIES TECH-ENGINE REPAIR 4 DETR	7	2.2%
BUSMGT MORTGAGE BROKERAGE/BNKNG	5	1.6%
FIPT-FIRE PROTECTION INTERMED	5	1.6%
CMP BUS TECH MICROCMPUTER APPL	4	1.2%
AVIATION OPERATIONS - PILOT	4	1.2%
COMP BUS TECH-ADMIN ASSISTANT	3	0.9%
AVIATION OPERATIONS-MANAGEMENT	3	0.9%
ADM OF JUS-CONTEMP. POLICE TEC	2	0.6%
ADMIN OF JUST-LAW ENFORCEMENT	2	0.6%
LEGAL ASSISTANT	1	0.3%
ACCOUNTING	1	0.3%
FIRE PROTECTION TECHNOLOGY	1	0.3%
CHILD DEVELOPMNT MASTER TEACHR	1	0.3%
ADM OF JUS-ADV TRF AC INV CERT	1	0.3%
ADM OF JUST-CERT COR TRNG DP S	1	0.3%
AVIATION MAINT TECH-AIRFRAME	1	0.3%
AVIATION MAINT TECH-PRIVATE PILOT	1	0.3%
AV MNT TECH-AIRFRAME/POWERPLNT	1	0.3%
Total	321	100.0%