

*Cabrillo College*

**Cabrillo College Transfers by  
Ethnicity and Gender**

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Office of Institutional Research  
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## Summary

- Cabrillo transfer rates have been declining over the past four years.
- UCSC and SJSU received roughly 2/3 of all Cabrillo transfers with UCSC receiving about 1.5 times as many students as SJSU.
- The ethnic diversity of transfers is slightly lower than the diversity of the Cabrillo student population.
- Hispanics have been proportionately increasing their transfers to SJSU.
- Transfers to UCSC by non-Hispanic, non-Whites, most notably Asians, have been proportionately declining.
- Males and females appear to have transfer rates matching their proportion in the student population.

## Introduction

A primary mission of Cabrillo College consists of preparing students to transfer to 4 year institutions. It is important to track trends in transfers including the demographics of those who transfer to ensure that all groups are being equally represented. This report provides general information on transfer destinations and examines the ethnicity and gender of transfers as compared to the general Cabrillo student population.

## Methods

Transfer data came from three sources. One source is the final transcript requests submitted by Cabrillo students. It was assumed that those who submitted only one request intended to attend that institution. If multiple requests were submitted in the same or sequential years, they were not included for analysis as it is impossible to determine which institution they actually attended, if any. If multiple requests were separated by more than two years, the most recent request was used. In all cases, it is unknown from this data if the student actually attended these institutions; however, it is the best data available for most institutions.

The second source is data from the University of California at Santa Cruz (UCSC) and the third is data from San José State University (SJSU). Both these institutions have provided Cabrillo with data on their students who transferred from Cabrillo. These sources are more reliable, which is especially good as roughly two-thirds of our transfers go to UCSC or SJSU.

Diversity of transfers was calculated using Simpson's diversity index:

$$D = 1 - \sum_{i=1}^n p_i^2$$

Where  $p_i$  is the proportion of the  $i$ th of  $n$  groups.  $D$  represents the probability that 2 randomly selected individuals will be from different groups. For example, if  $D = 0.25$ , there would be only a 25% chance that 2

randomly selected individuals would be from different groups indicating low diversity. If  $D = 0.75$ , there would be a 75% chance that two randomly selected individuals would be from different groups indicating high diversity.

All data was analyzed with SPSS 10.0.5 excluding diversity indices, which were calculated by hand.

## Results and Discussion

Transfers from Cabrillo to all institutions have been declining by about 100 students per year from the 96-97 school year to the 98-99 school year (Table 2). However, transfers to SJSU are predicted to show an increase in 98-99. The number and proportion of Hispanics transferring to SJSU has increased while Whites have decreased (Figure 1, Figure 2, Table 3). The number and proportion of Hispanics and Whites to UCSC has increased slightly while the number and proportion of other ethnicities, Asians in particular, has decreased (Figure 3, Figure 4, Table 3). Number and proportion of males and females have varied over the past four years and do not seem to show a clear trend (Figure 5, Figure 6, Table 3). The overall diversity of transfers to SJSU and UCSC from 94-98 is slightly lower than for all Cabrillo College students (Table 4, Figure 7). The Simpson's index for transfers to UCSC and SJSU combined (0.38) is slightly lower than for all Cabrillo students (0.43). Whites have a slightly higher proportion of transfer students compared to all students (+4.2% difference) and Hispanics have a slightly lower proportion (-4.2% difference). The proportion of male and female transfer students to UCSC and SJSU combined is essentially equivalent to the proportions of all Cabrillo students when taking students of unknown gender into account (Table 5, Figure 8). Table 6, Table 7, and Table 8 give transfers to institutions other than UCSC and SJSU by ethnicity. It is interesting to note that these changes have occurred since the passage of Proposition 209 effective in 1997 ending ethnic and gender based considerations in public institution admissions and hiring.

In general, Cabrillo's transfer rates are declining overall and there seems to be a proportional increase of Hispanics to SJSU and a decrease of non-Hispanic non-Whites, especially Asians, to UCSC. The ethnic diversity of Cabrillo's transfers is lower than the diversity of the overall student population. Transfer rates of males and females appear consistent with the proportion of males and females in the Cabrillo student population.

**Table 1. Abbreviations used for Ethnicities.**

Abbreviation	Ethnicity
A	Asian
B	African-American
F	Filipino
H	Hispanic
N	Native American
O	Other
P	Pacific Islander
W	White
X	Unknown

**Table 2. Cabrillo transfers by institution and program year.**

SJSU*	173	165	186±62***	524
CSUMB	48	25	39	112
CSUSF	44	24	23	91
UCB	20	10	22	52
CALPSLO	24	15	11	50
UCD	17	9	7	33
CSUSAC	11	6	14	31
CSUSD	13	8	8	29
UCSB	15	1	10	26
CSUHUM	13	7	5	25
CSUCHI	10	7	7	24
CSUSON	13	4	6	23
UCLA	12	5	3	20
Unknown	8	3	2	13
CSULB	4	5	3	12
UCSD	7	3		10
CSUFUL	4	2	1	7
CALPPOM		4	1	5
CSUN	2	2	1	5
BETHANY COLLEGE	4			4
CSUHAY	2		2	4
CSUSTA	1	1	2	4
MILLS COLLEGE	3			3
SACLAR		2	1	3
SANTA CLARA UNIVERISTY	3			3
UNIVERSITY OF ARIZONA	3			3
UNIVERSITY OF THE PACIFIC	3			3
CSULA	1	1		2
GONZAGA UNIVERSITY	2			2
HAWAII PACIFIC UNIVERSITY		2		2
LOYOLA MARYMOUNT UNIVERSITY	2			2
RENSSELAER POLYTECHNIC INSTITUTE	2			2
SAN FRANCISCO ART INSTITUTE	2			2
UNDECIDED			2	2
ACADEMY OF ART COLLEGE	1			1
ADAMS STATE COLLEGE	1			1
AMERICAN RIVER	1			1
BASTYR U	1			1
BELMONT UNIVERSITY	1			1
BERKLEE COLLEGE OF MUSIC	1			1
BIOLA UNIVERSITY	1			1
CALIFORNIA LUTHERAN UNIVERSITY		1		1
CALIFORNIA MARITIME ACADEMY			1	1
CENTENARY COLLEGE	1			1
CHAPMAN UNIVERSITY			1	1

Table continued next page

\* Based on data from UCSC and SJSU. \*\* 90% confidence level linearly estimated from FA98 data.

\*\*\* 90% confidence level linearly projected from previous years.

Table continued from previous page				
CSUDH		1		1
CSUSB		1		1
CSUSM	1			1
CUEST COLLEGE		1		1
D.Q.U.	1			1
DOMINICAN COLLEGE, SAN RAFAEL			1	1
EMBRY-RIDDLE AERONAUTICAL U	1			1
F.I.D.M.	1			1
GOLDEN GATE	1			1
KANSAS STATE U	1			1
KENTUCKY STATE UNIVERSITY	1			1
KEUKA COLLEGE	1			1
MASTERS INSTITUTE			1	1
MONTEREY INSTITUTE OF INT'L STUDIES			1	1
MONTREAT	1			1
NEW COLLEGE OF CA	1			1
NEW YORK UNIVERSITY	1			1
NORTH ARIZONA UNIVERSITY	1			1
NORTHEASTERN UNIVERSITY	1			1
OHIO STATE UNIVERSITY		1		1
PEABODY CONSERVATORY OF MUSIC	1			1
PORTLAND STATE UNIVERSITY			1	1
PRESCOTT COLLEGE	1			1
SAINT MARY'S COLLEGE	1			1
SANTA MONICA COLLEGE			1	1
SCHOOL OF VISUAL ARTS	1			1
SEATTLE CENTRAL COMMUNITY COLLEGE	1			1
SIERRA COLLEGE	1			1
SOUTHWESTERN UNIVERSITY	1			1
ST. CLOUD UNIVERSITY	1			1
STANFORD	1			1
STMAR			1	1
UCI	1			1
UCSF	1			1
UNIVERSITY OF CHARLOTTE, NC			1	1
UNIVERSITY OF HAWAII AT MANOA			1	1
UNIVERSITY OF NEVADA-LAS VEGAS	1			1
UNIVERSITY OF NEVADA-RENO	1			1
UNIVERSITY OF NORTH DAKOTA	1			1
UNIVERSITY OF OREGON	1			1
UNIVERSITY OF SOUTHERN COLORADO		1		1
UNIVERSITY OF TEXAS/AUSTIN	1			1
UNIVERSITY OF UTAH	1			1
UNIVERSITY OF WASHINTON	1			1
UNIVERSITY OF WISCONSIN-STEVENSON	1			1
UOP			1	1
USC	1			1
WASHINGTON STATE U	1			1

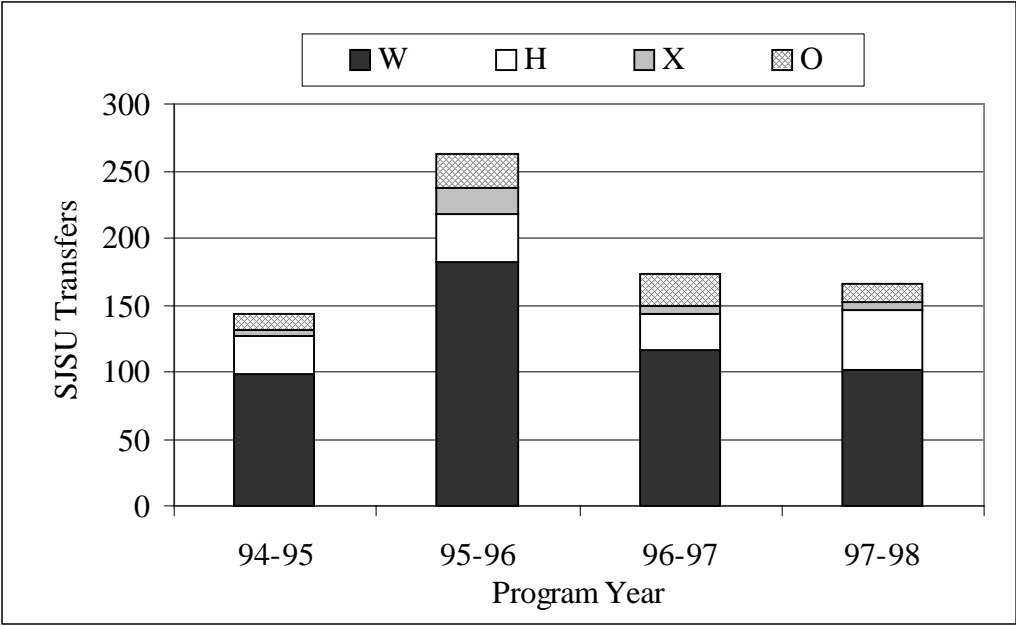


Figure 1. Number of transfers from Cabrillo to SJSU by ethnicity.

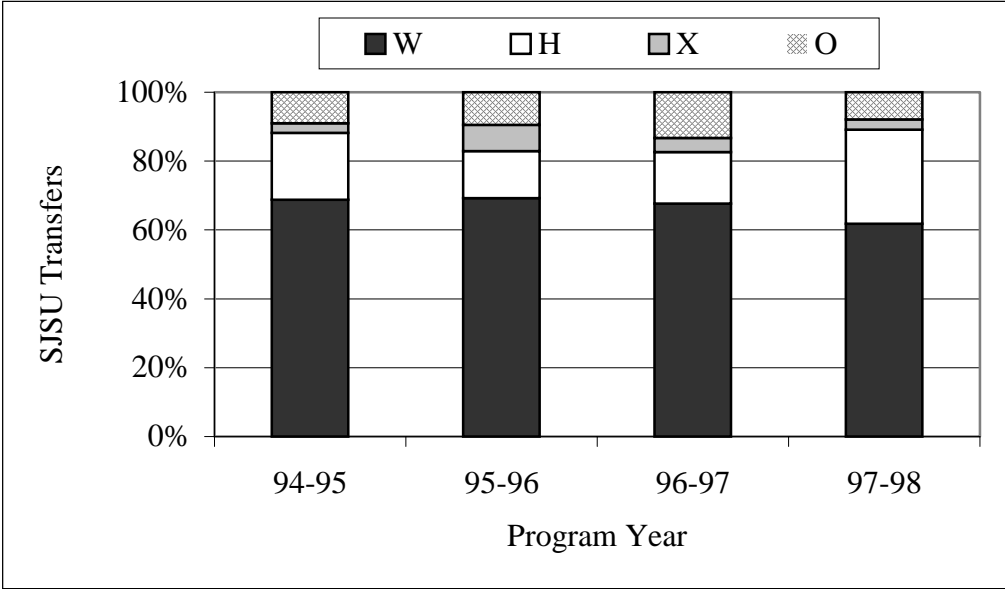


Figure 2. Percent of transfers from Cabrillo to SJSU by ethnicity.

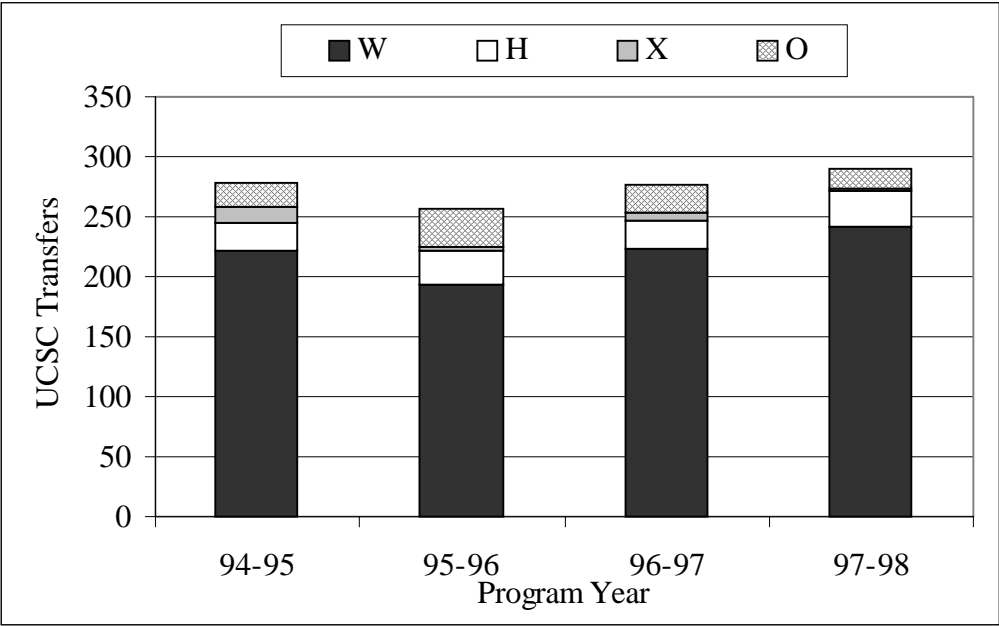


Figure 3. Number of transfers from Cabrillo to UCSC by ethnicity.

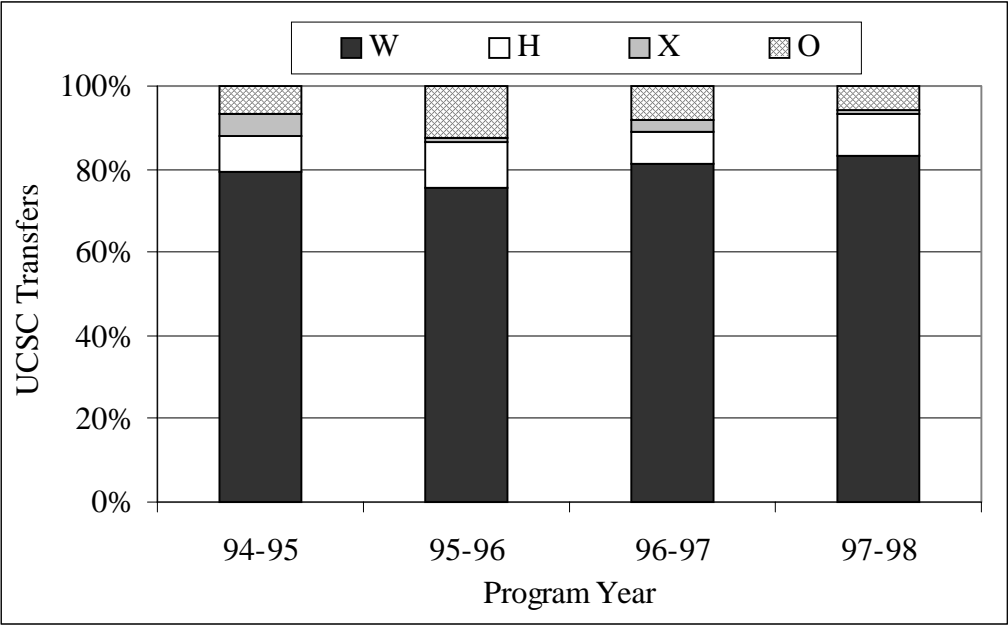
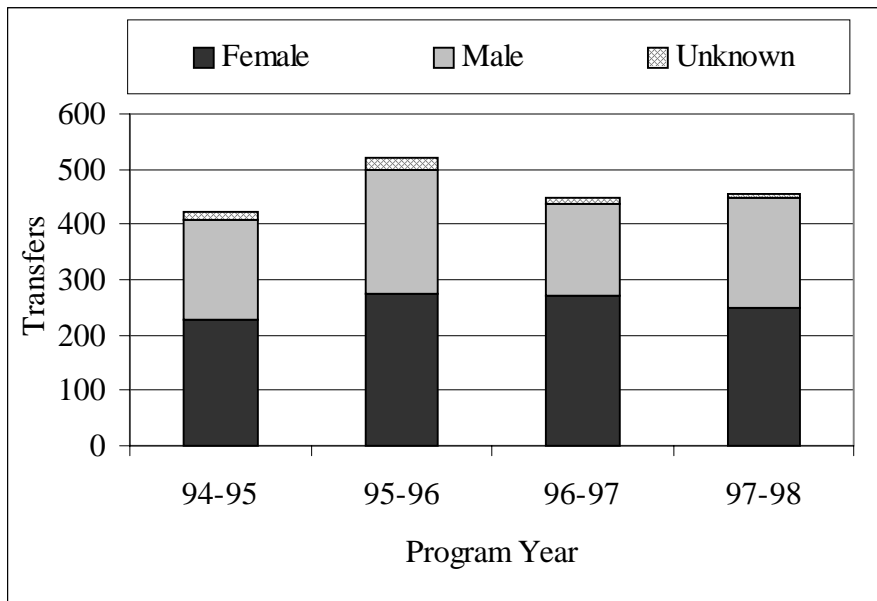
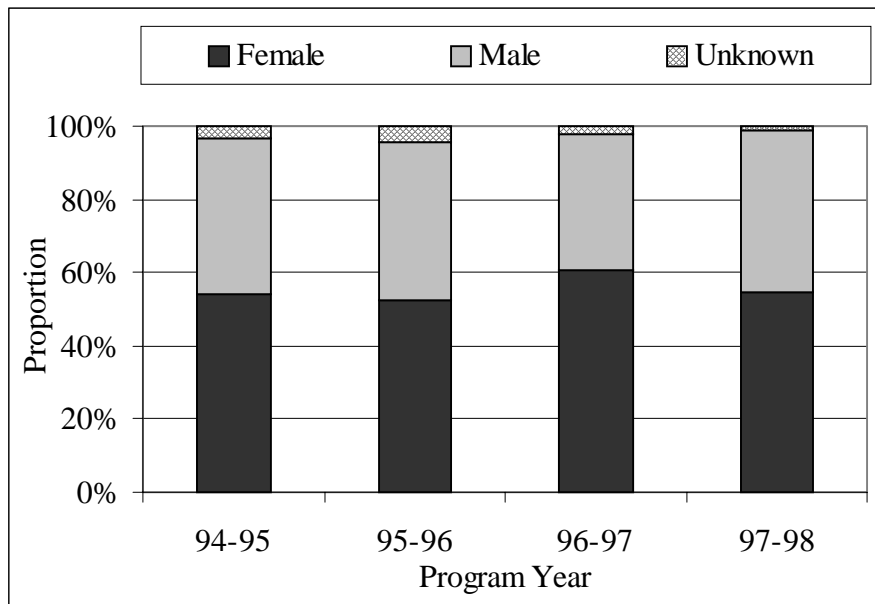


Figure 4. Percent of transfers from Cabrillo to UCSC by ethnicity.



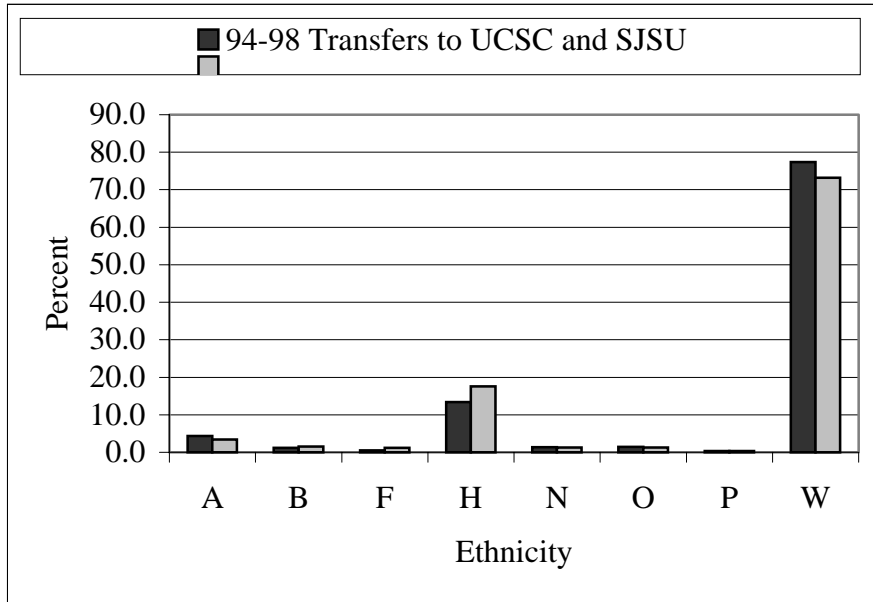
**Figure 5. Transfers from Cabrillo to UCSC and SJSU by gender.**



**Figure 6. Percent of transfers to UCSC and SJSU by gender.**

**Table 3. Cabrillo Transfers to UCSC and SJSU from 1994 to 1998 by gender and ethnicity.**

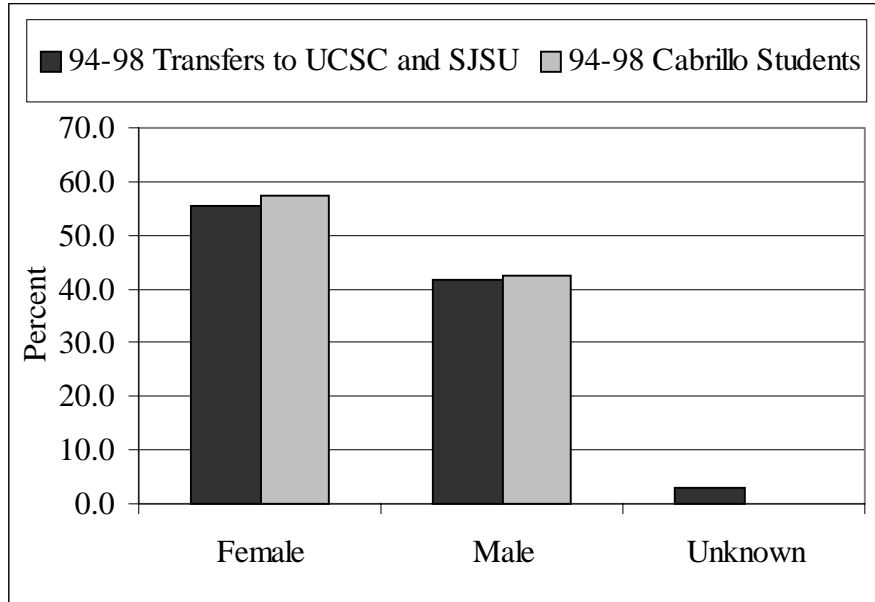
Year	Ethnicity	UCSC				SJSU			
		Gender			Total	Gender			Total
		F	M	X		F	M	X	
<b>94-95</b>	A	7	2		9	5	4		9
	B	1	1		2				
	F	1			1		2		2
	H	15	9		24	13	15		28
	N		1		1	1	1		2
	O	1	5		6				
	P	0	0	0	0				
	W	118	103		221	63	36		99
	X	3	1	10	14			4	4
	<b>Total</b>	146	122	10	<b>278</b>	82	58	4	<b>144</b>
<b>95-96</b>	A	11	8		19	6	5		11
	B		3		3	1	3		4
	F	1			1		3		3
	H	14	14		28	22	14		36
	N	4	3		7	2	1		3
	O		1		1		4		4
	P	1			1				
	W	98	96		194	114	68		182
	X			3	3		1	19	20
	<b>Total</b>	129	125	3	<b>257</b>	145	99	19	<b>263</b>
<b>96-97</b>	A	6	3		9	7	5		12
	B	2	1		3		3		3
	F	0	0	0	0		1		1
	H	14	8		22	14	12		26
	N	2	1		3	1			1
	O	3	2		5	2	2		4
	P		2		2	1	1		2
	W	143	81		224	74	43		117
	X	1	2	5	8	2		5	7
	<b>Total</b>	171	100	5	<b>276</b>	101	67	5	<b>173</b>
<b>97-98</b>	A		1		1	3	4		7
	B	3	2		5	1	1		2
	F					1			1
	H	11	19		30	22	23		45
	N	3	3		6		1		1
	O	2	2		4	1	1		2
	P		1		1				
	W	139	102		241	63	39		102
	X			2	2		1	4	5
	<b>Total</b>	158	130	2	<b>290</b>	91	70	4	<b>165</b>



**Figure 7. Comparison of the ethnicity of transfers to Cabrillo students.**

**Table 4. Comparison of transfers student ethnicity to the ethnicity of all Cabrillo students.**

Ethnicity	94-98 Transfers to UCSC and SJSU		94-98 Cabrillo Students		difference
	n	%	n	%	%
A	77	4.3	1818	3.4	0.9
B	22	1.2	792	1.5	-0.3
F	9	0.5	662	1.2	-0.7
H	239	13.4	9441	17.6	-4.2
N	24	1.3	722	1.3	0.0
O	26	1.5	720	1.3	0.2
P	6	0.3	185	0.3	0.0
W	1380	77.4	39196	73.2	4.2
Total	1783	100	53536	100	0.0



**Figure 8. Comparison of the genders of transfers to Cabrillo students.**

**Table 5. Comparison of transfer student gender to the gender of all Cabrillo students.**

	94-98 Transfers to UCSC and SJSU		94-98 Cabrillo Students	
	n	%	n	%
Female	1023	55.4	32015	57.2
Male	771	41.8	23834	42.6
Unknown	52	2.8	78	0.1
Total	1846	100.0	55927	100

**Table 6. 1996-1997 Cabrillo Transfers excluding UCSC and SJSU.**

96-97 Transfer Institution	Ethnicity										Total
	A	B	F	H	N	O	P	W	X		
CSUMB	1			14	1			32			48
CSUSF	6	1		9	1			27			44
CALPSLO	1			6			1	16			24
UCB	2			3				15			20
UCD	1			4		1		10	1		17
UCSB				2				13			15
CSUHUM								13			13
CSUSD				4				9			13
CSUSON				1				12			13
UCLA				2				10			12
CSUSAC	1			6				4			11
CSUCHI				1				9			10
Unknown	1							7			8
UCSD	1			1				5			7
BETHANY COLLEGE				1	1			2			4
CSUFUL				1				3			4
CSULB				2				2			4
MILLS COLLEGE							1	2			3
SANTA CLARA UNIVERISTY	1							2			3
UNIVERSITY OF ARIZONA	1							2			3
UNIVERSITY OF THE PACIFIC							1	1	1		3
CSUHAY								2			2
CSUN		1						1			2
GONZAGA UNIVERSITY								2			2
LOYOLA MARYMOUNT UNIVERSITY				2							2
RENSELAER POLYTECHNIC INSTITUTE				1				1			2
SAN FRANCISCO ART INSTITUTE	1							1			2
ACADEMY OF ART COLLEGE	1										1
ADAMS STATE COLLEGE								1			1
AMERICAN RIVER				1							1
BASTYR U								1			1
BELMONT UNIVERSITY								1			1
BERKLEE COLLEGE OF MUSIC								1			1
BIOLA UNIVERSITY								1			1
CENTENARY COLLEGE								1			1
CSULA		1									1
CSUSM								1			1
CSUSTA								1			1
D.Q.U.				1							1
EMBRY-RIDDLE AERONAUTICAL U								1			1
F.I.D.M.								1			1
GOLDEN GATE				1							1
KANSAS STATE U								1			1
KENTUCKY STATE UNIVERSITY								1			1

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KEUKA COLLEGE									1	1
MONTREAT									1	1
NEW COLLEGE OF CA									1	1
NEW YORK UNIVERSITY									1	1
NORTH ARIZONA UNIVERSITY									1	1
NORTHEASTERN UNIVERSITY									1	1
PEABODY CONSERVATORY OF MUSIC									1	1
PRESCOTT COLLEGE									1	1
SAINT MARY'S COLLEGE									1	1
SCHOOL OF VISUAL ARTS						1				1
SEATTLE CENTRAL COMMUNITY COLLEGE	1									1
SIERRA COLLEGE									1	1
SOUTHWESTERN UNIVERSITY									1	1
ST. CLOUD UNIVERSITY									1	1
STANFORD									1	1
UCI									1	1
UCSF									1	1
UNIVERSITY OF NEVADA-LAS VEGAS	1									1
UNIVERSITY OF NEVADA-RENO									1	1
UNIVERSITY OF NORTH DAKOTA	1									1
UNIVERSITY OF OREGON									1	1
UNIVERSITY OF TEXAS/AUSTIN									1	1
UNIVERSITY OF UTAH									1	1
UNIVERSITY OF WASHINTON									1	1
UNIVERSITY OF WISCONSIN-STEVENSON									1	1
USC									1	1
WASHINGTON STATE U									1	1
<b>Total</b>	<b>21</b>	<b>3</b>	<b>0</b>	<b>62</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>237</b>	<b>2</b>	<b>334</b>

**Table 7. 1997-1998 Cabrillo Transfers excluding UCSC and SJSU.**

97-98 Transfer Institution	Ethnicity									Total
	A	B	F	H	N	O	P	W	X	
CSUMB	1		3	8				13		25
CSUSF				2				22		24
CALPSLO				4				11		15
UCB	1			1				8		10
UCD				3				6		9
CSUSD				2				6		8
CSUCHI				1				6		7
CSUHUM				1	1			5		7
CSUSAC				2				4		6
CSULB				1				4		5
UCLA								5		5
CALPPOM								4		4
CSUSON	1							3		4
UCSD				1				2		3
CSUFUL								2		2
CSUN				1				1		2
HAWAII PACIFIC UNIVERSITY								2		2
SACLAR		1						1		2
CALIFORNIA LUTHERAN UNIVERSITY								1		1
CSUDH								1		1
CSULA								1		1
CSUSB				1						1
CSUSTA								1		1
CUEST COLLEGE								1		1
OHIO STATE UNIVERSITY								1		1
UCSB								1		1
UNIVERSITY OF SOUTHERN COLORADO								1		1
<b>Total</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>28</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>116</b>	<b>0</b>	<b>152</b>

**Table 8. 1998-1999 Cabrillo Transfers excluding UCSC and SJSU.**

98-99 Transfer Institution	Ethnicity								Total
	A	F	H	N	O	P	W	X	
CSUMB	2		13	2			22		39
CSUSF					1		22		23
UCB	1		4				17		22
CSUSAC	1		5				8		14
CALPSLO	2		2	1			6		11
UCSB	1				1		8		10
CSUSD			1				7		8
CSUCHI							7		7
UCD	1		1			1	4		7
CSUSON		1	1				4		6
CSUHUM							5		5
CSULB							3		3
UCLA			1				2		3
unknown	1						1		2
CSUHAY							2		2
CSUSTA			2						2
UNDECIDED							1	1	2
CALIFORNIA MARITIME ACADEMY							1		1
CALPPOM							1		1
CHAPMAN UNIVERSITY							1		1
CSUFUL							1		1
CSUN		1							1
DOMINICAN COLLEGE, SAN RAFAEL							1		1
MASTERS INSTITUTE			1						1
MONTEREY INSTITUTE OF INT'L STUDIES			1						1
PORTLAND STATE UNIVERSITY							1		1
SACLAR			1						1
SANTA MONICA COLLEGE							1		1
STMAR					1				1
UNIVERSITY OF CHARLOTTE, NC							1		1
UNIVERSITY OF HAWAII AT MANOA							1		1
UOP							1		1
<b>Total</b>	<b>9</b>	<b>2</b>	<b>33</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>129</b>	<b>1</b>	<b>181</b>