

San Joaquin Delta College

Equity for All

Institutional Responsibility for Student Success

- Institutional Context – Delta Demographics
- The Perspectives and Cohorts We Focused on and Why
- Findings – What Do the Data Show Us?
- ***Next Steps***

Equity for All:

Institutional Responsibility for Student Success Four Perspectives on Student Success

- **Academic Pathways**: access and progress toward certificate, degree, and transfer milestone achievement
- **Retention**: completion of certificates and degrees and persistence from semester to semester
- **Transfer Readiness**: “Transfer Potential” – “*Critical 4*” – completion of transfer units
- **Excellence**: excellent performance among students from low-income and traditionally underserved racial/ethnic groups

Institutional Context

Delta College Demographics

2000 – 2001 to Present

2000 – 2001 → 60% of students were female
slowly inching upward

2000 – 2001 → 13% of students were 19 and under
last year, 29% were 19 and under



Institutional Context - Delta College Demographics 2000 – 2001 to Present

8% of students were African American
last year, 9.5% were African American

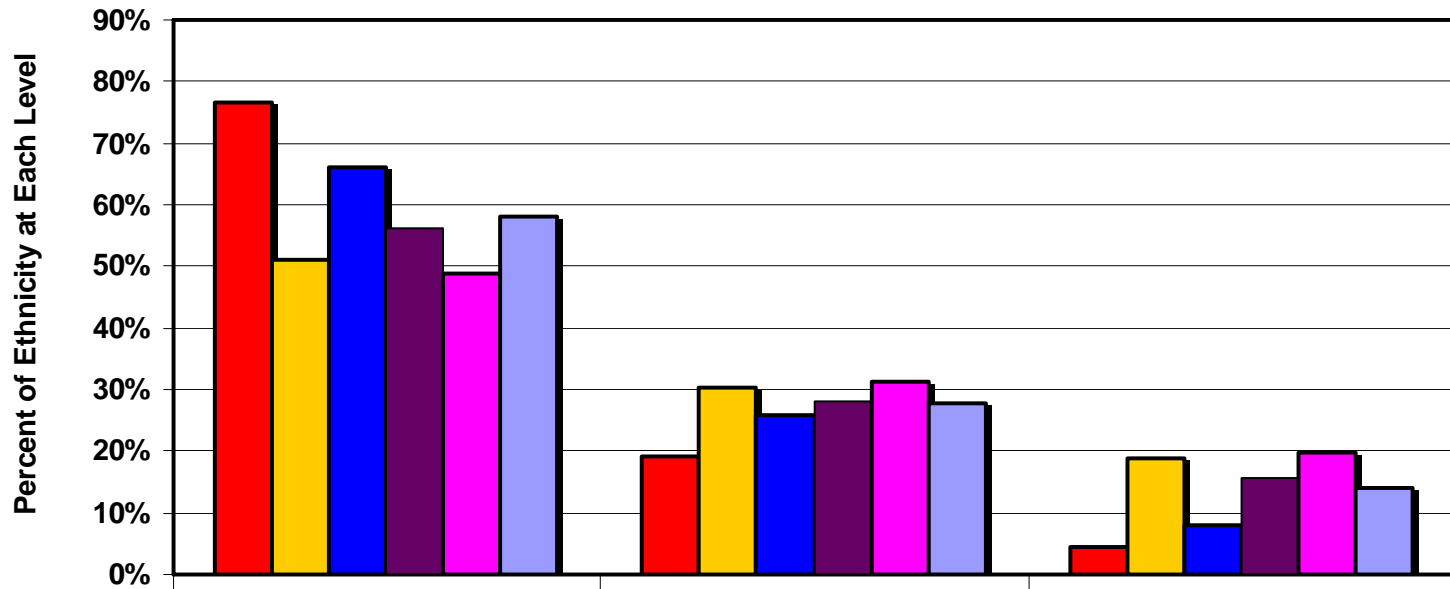
24% were Hispanic
last year, 25% were Hispanic

17% were Asian/Pacific Islander
last year, 20% were Asian/Pacific Islander

41.5% were White
last year, 35% were White

2000-2001 – African American and Hispanic students were proportionally more female than the College average, and their proportion continues to grow (*e.g., last year 66% of the African American students were women and over 63% of the Hispanic students were women*).

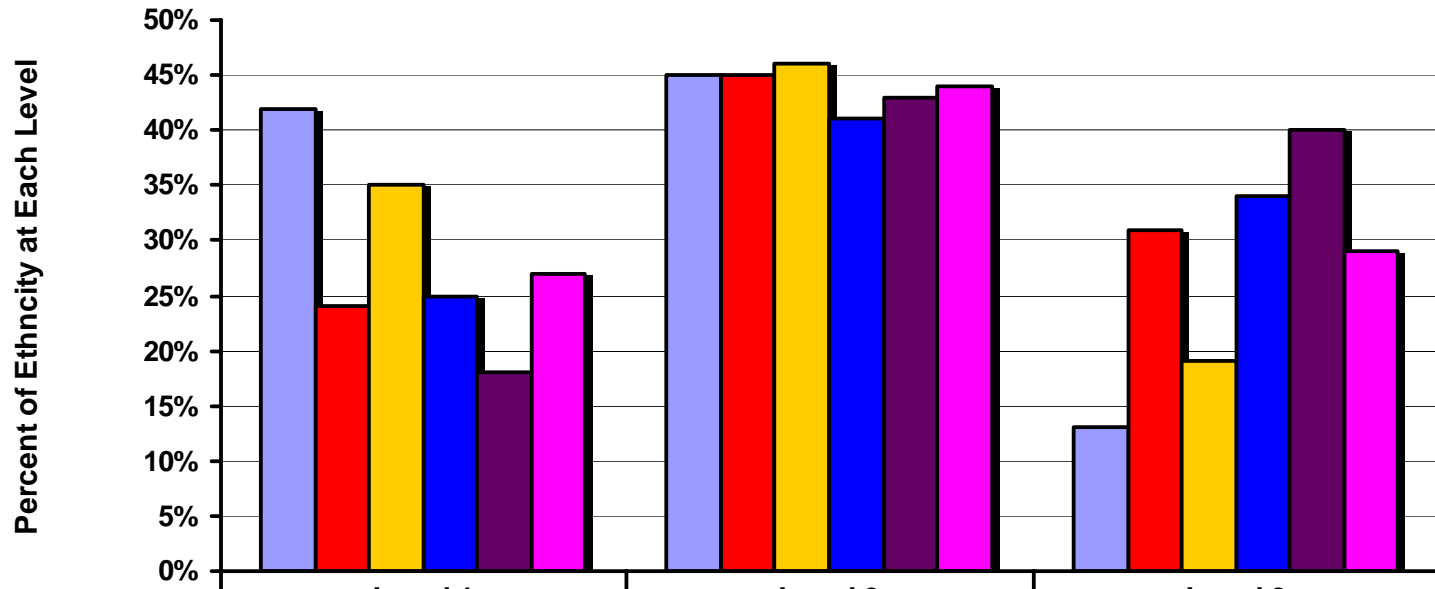
Assessment Levels in Mathematics by Ethnicity 2000-01



	Level 1	Level 2	Level 3
■ African American	77%	19%	4%
■ Asian/Pacific Islander	51%	30%	19%
■ Hispanic	66%	26%	8%
■ Other	56%	28%	16%
■ White	49%	31%	20%
■ All	58%	28%	14%

Level Placement by Ethnicity

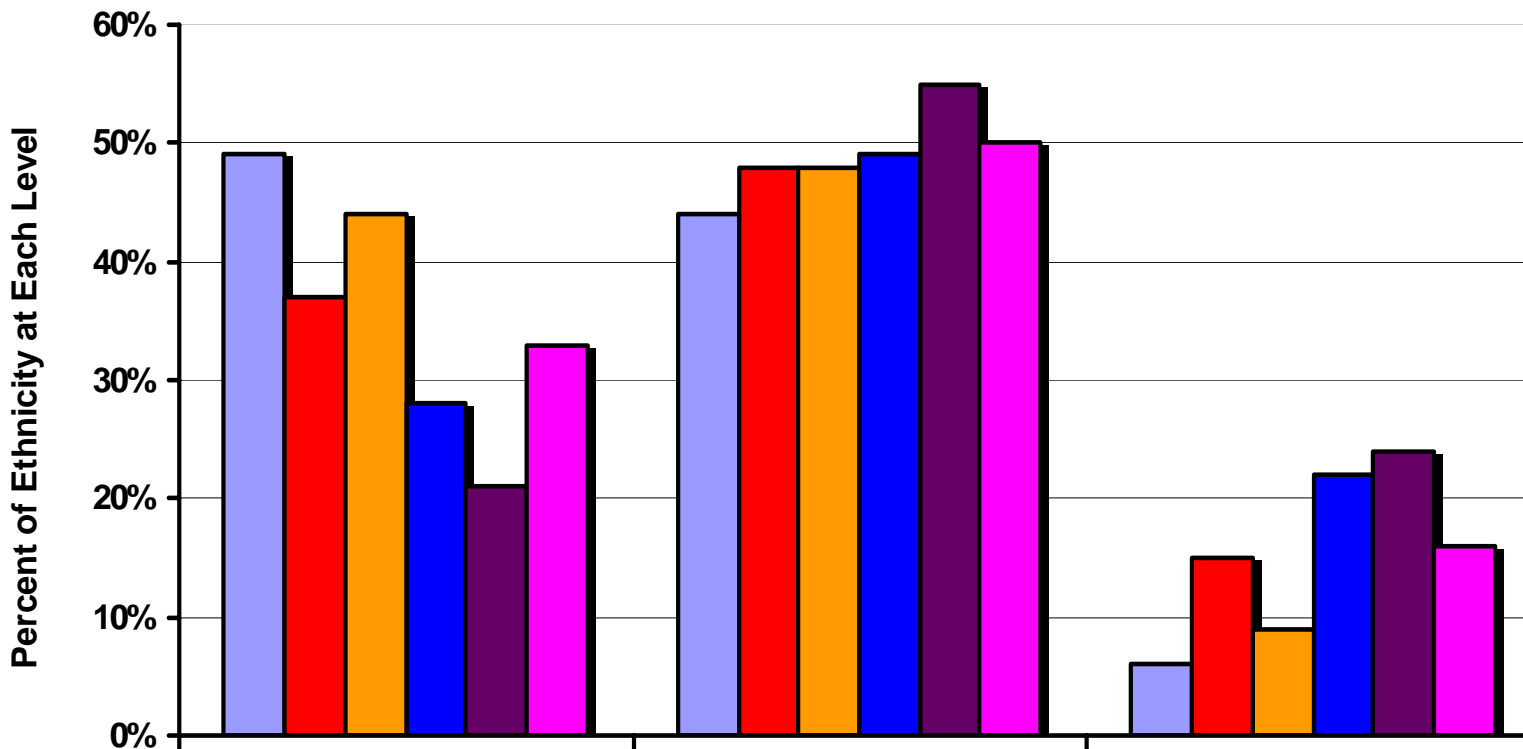
Assessment Levels in Composition by Ethnicity 2000-01



	Level 1	Level 2	Level 3
■ African American	42%	45%	13%
■ Asian/Pacific Islander	24%	45%	31%
■ Hispanic	35%	46%	19%
■ White	25%	41%	34%
■ Other	18%	43%	40%
■ All	27%	44%	29%

Level Placement by Ethnicity

Assessment Levels in Reading by Ethnicity 2000-01



	Level 1	Level 2	Level 3
■ African American	49%	44%	6%
■ Asian/Pacific Islander	37%	48%	15%
■ Hispanic	44%	48%	9%
■ Other	28%	49%	22%
■ White	21%	55%	24%
■ All	33%	50%	16%

Level Placement by Ethnicity

The Cohorts and Perspectives We Focused On and Why:

Certificate, Degree, and Transfer Attainment Indicators and the Importance of Time to Goal

Indicators:

- Transfer Potential – 12 units and attempted transfer English or math
- Critical 4 – ENG 1A • ENG 1B, 1D, or PHILO 30 • COM ST 1A • MATH 82 or higher with C or better
- AA/AS Degree
- Certificate

Cohort and Time to Goal

- First Time Students 2000–01 **13,009**
- First Time Students 2000-01 are followed through Spring 05

Findings:

Achievement of Transfer Potential, Critical 4, AA/AS Degrees and Certificates by Spring 05

Transfer Potential and Critical 4

Of the 13,009 First Time Students

- 20% reached Transfer Potential status
- 6% had C or better in the Critical 4

Transfer Potential & Critical 4 Outcomes

First Time Students 2000-01 n=13,009				
AI/AN	OtherNW	PI/Fil	PI/Fil	PI/Fil
PI/Fil	PI/Fil	SEAsian	SEAsian	SEAsian
SEAsian	SEAsian	Asian	Asian	Asian
Asian	Asian	Asian	AfAm	AfAm
AfAm	AfAm	AfAm	AfAm	AfAm
AfAm	AfAm	Unknown	Unknown	Unknown
Unknown	Unknown	Unknown	Unknown	Unknown
Unknown	Unknown	Hispanic	Hispanic	Hispanic
Hispanic	Hispanic	Hispanic	Hispanic	Hispanic
Hispanic	Hispanic	Hispanic	Hispanic	Hispanic
Hispanic	Hispanic	Hispanic	Hispanic	Hispanic
Hispanic	Hispanic	Hispanic	Hispanic	Hispanic
Hispanic	White	White	White	White
White	White	White	White	White
White	White	White	White	White
White	White	White	White	White
White	White	White	White	White
	White	White	White	White
	White	White	White	White

Transfer Potential by Spring, 2005 n=2672				
PI/Fil	SEAsian	SEAsian	Asian	Asian
AfAm	Hispanic	Hispanic	Hispanic	Hispanic
Hispanic	Unknown	White	White	White
White	White	White	White	White

****20% of the total First Time Students 2000-01**

Critical 4 by Spring, 2005 n=805				
SEAsian	Asian	Hispanic	White	White
White				

****6% of the total First Time Students 2000-01**

*Each cell represents approximately 130 students

Transfer Potential and Critical 4 Outcomes by Ethnicity

- **15% (181 of 1,224) of African American and 19% (595 of 3,151) of Hispanics who began as First Time Students had Transfer Potential status by Spring 2005.**

Compare to each of the other groups which range from 23% (1,087 of 3,151 - White) to 29% (206 of 703 - Southeast Asian).

- **2% (27 of 1,226) of African Americans and 6% (183 of 3,151) of Hispanics who began as First Time Students had achieved Critical 4 status by Spring 2005.**

Compare to each of the other groups which range from 7% (328 of 4,820 - White) to 12% (84 of 703 - Southeast Asian).

AA/AS Degree and Certificate Attainment

Of the 13,009 First Time Students

6% attained an AA/AS Degree • 3% attained a Certificate

First Time Students 2000-01 n=13,009				
AI/AN	OtherNW	PI/Fil	PI/Fil	PI/Fil
PI/Fil	PI/Fil	SEAsian	SEAsian	SEAsian
SEAsian	SEAsian	Asian	Asian	Asian
Asian	Asian	Asian	AfAm	AfAm
AfAm	AfAm	AfAm	AfAm	AfAm
AfAm	AfAm	Unknown	Unknown	Unknown
Unknown	Unknown	Unknown	Unknown	Unknown
Unknown	Unknown	Hispanic	Hispanic	Hispanic
Hispanic	Hispanic	Hispanic	Hispanic	Hispanic
Hispanic	Hispanic	Hispanic	Hispanic	Hispanic
Hispanic	Hispanic	Hispanic	Hispanic	Hispanic
Hispanic	Hispanic	Hispanic	Hispanic	Hispanic
Hispanic	White	White	White	White
White	White	White	White	White
White	White	White	White	White
White	White	White	White	White
White	White	White	White	White
White	White	White	White	White
White	White	White	White	White
White	White	White	White	White

AA/AS Degrees by Spring, 2005 n=834				
SEAsian	Asian	Hispanic	White	White
White				

****6% of the total First time Students 2000-01**

Certificate by Spring, 2005 n=512		
Hispanic	White	White

****3% of the total First time Students 2000-01**

***Each cell represents approximately 130 students**

AA/AS Degree and Certificate Attainment by Ethnicity

- **3% (35 of 1,224) of African American and 6% (185 of 3,151) of Hispanics who began as First Time Students had attained an AA/AS Degree by Spring 2005.**

Compare to each of the other groups which range from 7% (350 of 4,820 -White) to 12% (92 of 773 - Asian).

- **2% (21 of 1,228) of African Americans, 4% (115 of 3,151) of Hispanics, 4% (28 of 628) of Pacific Islanders, and 4% (350 of 4,828) of Whites who began as First Time Students had attained Certificates by Spring 2005.**

Compare to each of the other groups which range from 6% (209 of 4,820 - White) to 8% (41 of 703 - Southeast Asian).

What Role Does Progress in English Play in these Outcomes?

- Study of Progress in English of 1997-98 Cohort of English 70C Students – Course completion by Spring 2004
 - 414 students began in English 70C in 1997-98

79 (19.1%) successfully completed English 79
25 (6.0%) successfully completed English 1A

Note: Students in 70C had already had to pass 70A and B.

	English 70C	Percent	English 87	Percent	English 79	Percent	English 1A	Percent	Final Outcome	Percent of Original Cohort
Enrolled			125	45.79%	59	86.76%	12	52.17%		
Retained			101	80.80%	39	66.10%	9	75.00%		
Successful			68	54.40%	23	38.98%	8	66.67%		
Enrolled	414						164	39.61%	40	9.66%
Retained	336	81.16%					125	30.19%	29	7.00%
Successful	273	65.94%					79	19.08%	25	6.04%
Enrolled					115	42.12%	30	53.57%		
Retained					86	74.78%	20	66.67%		
Successful					56	48.70%	17	56.67%		

Study of Progress of 6 Cohorts of English 79 Students and their Subsequent Outcomes in English 1A and English 1B/1D

- 6 cohorts of between 1,600 and 2000+ from 1997-98 through 2002-03 were followed.
- Between 17-27% of the students in each of these cohorts were successful in completing English 1A.
- Between 8-10% of the students in each of these cohorts were successful in completing either English 1B or English 1D.

Cohort	English 79		English 1A		English 1A Outcome		English 1B & English 1D		Final Outcome	
	Course	Percent	Course	Percent	Courses	Percent	Courses	Percent	Final	Percent
1997-98										
Enrolled	1618		679		1618		253		1618	
Retained	1199	74.10%	474	69.81%			193	76.28%		
Successful	854	52.78%	388	57.14%	388	23.98%	163	64.43%	163	10.07%
1998-99										
Enrolled	1662		496		1662		192		1662	
Retained	1217	73.23%	344	69.35%			152	79.17%		
Successful	849	51.08%	284	57.26%	284	17.09%	135	70.31%	135	8.12%
1999-00										
Enrolled	1717		545		1717		216		1717	
Retained	1260	73.38%	401	73.58%			173	80.09%		
Successful	931	54.22%	314	57.61%	314	18.29%	150	69.44%	150	8.74%
2000-01										
Enrolled	1697		645		1697		269		1697	
Retained	1242	73.19%	495	76.74%			208	77.32%		
Successful	962	56.69%	395	61.24%	395	23.28%	185	68.77%	185	10.90%
2001-02										
Enrolled	1925		717		1925		287		1925	
Retained	1410	73.25%	549	76.57%			232	80.84%		
Successful	1070	55.58%	461	64.30%	461	23.95%	196	68.29%	196	10.18%
2002-03										
Enrolled	2037		800		2037		297		2037	
Retained	1547	75.95%	641	80.13%			243	81.82%		
Successful	1186	58.22%	548	68.50%	548	26.90%	202	68.01%	202	9.92%

What Role Does Progress in Math Play in these Outcomes?

Study of Progress in English of 1997-98 – 2000-05 Cohorts of DV ED 86A students through Math 82/84A & 84B

Seven Cohorts of students who enrolled in DV ED 86A were followed through Spring 2005 to observe how many had successfully completed Math 82/Math 84A/84B.

- Of the 1998-99 Cohort, 18 students (4.3%) succeeded in passing Math 82/Math 84A/84B by Spring 2005.
- Of the 1999-2000 Cohort, 21 students (4.2%) succeeded in passing Math 82/Math 84A/84B by Spring 2005.
- Of the 2000-01 Cohort, 30 students (5.4%) succeeded in passing Math 82/Math 84A/84B by Spring 2005.

Progress from DV ED 86A Students through Math 82/84A/B, 84B over Time

Cohort	Course	Percent	Course	Percent			Courses	Percent	Final	Percent
	DV ED 86A		DV ED 86 D		Math 88		Math 83A,B Math 80		Math 84A,B Math 82	
1998-99										
Enrolled	423		63		65		72		32	
Retained	306	72.34%	59	93.65%	56	86.15%	37	51.39%	20	62.50%
Successful	237	56.03%	44	69.84%	51	78.46%	31	43.06%	18	56.25%
1999-00										
Enrolled	501		108		82		102		45	
Retained	386	77.05%	96	88.89%	69	84.15%	60	58.82%	33	73.33%
Successful	308	61.48%	76	70.37%	64	78.05%	49	48.04%	21	46.67%
2000-01										
Enrolled	553		96		69		101		52	
Retained	418	75.59%	85	88.54%	59	85.51%	62	61.39%	34	65.38%
Successful	331	59.86%	67	69.79%	56	81.16%	49	48.51%	30	57.69%
2001-02										
Enrolled	650		116		88		110		59	
Retained	466	71.69%	96	82.76%	82	93.18%	71	64.55%	46	77.97%
Successful	371	57.08%	80	68.97%	75	85.23%	51	46.36%	34	57.63%
2002-03										
Enrolled	613		109		61		97		41	
Retained	487	79.45%	97	88.99%	55	90.16%	62	63.92%	31	75.61%
Successful	377	61.50%	81	74.31%	55	90.16%	50	51.55%	23	56.10%
2003-04										
Enrolled	565		107		20		47		10	
Retained	460	81.42%	106	99.07%	16	80.00%	24	51.06%	8	80.00%
Successful	366	64.78%	89	83.18%	13	65.00%	20	42.55%	8	80.00%
2004-05										
Enrolled	321		3		0		2		1	
Retained	229	71.34%	2	66.67%	0	#DIV/0!	1	50.00%	0	0.00%
Successful	183	57.01%	2	66.67%	0	#DIV/0!	1	50.00%	0	0.00%

Students were tracked through Spring 2005

2000-01 First Time Students Who Passed Math 80 in 2000-01 and then Math 82 by Spring 2005

- 40.72% (261) of the 2000-01 First Time students who took Math 80 (641) passed.

	Math 80		Percent
Total Enrolled	641		
Total Retained	412		64.27%
Successful	261	*	40.72%

Math 82		Percent	Percent 2000-01 Cohort	Percent 2000-01 Ethnicity
254				
186		73.23%		
143	**	56.30%	22.31%	

- 97.30% (254) of the 2000-01 First Time student who passed Math 80 took Math 82.

Ethnicity	Began Math 80		Passed Math 80		Began Math 82		Passed Math 82		Percent 2000-01 Ethnicity
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
African American	39	6.08%	8	3.07%	6	2.36%	5	3.50%	12.82%
American Indian/Alaskan Nati	9	1.40%	5	1.92%	7	2.76%	2	1.40%	22.22%
Asian	43	6.71%	24	9.20%	28	11.02%	15	10.49%	34.88%
Hispanic	159	24.80%	58	22.22%	61	24.02%	30	20.98%	18.87%
Other Non-White	10	1.56%	3	1.15%	4	1.57%	2	1.40%	20.00%
Pacific Islander incl. Filipino	36	5.62%	19	7.28%	24	9.45%	11	7.69%	30.56%
Southeast Asian	36	5.62%	26	9.96%	34	13.39%	17	11.89%	47.22%
Unknown	49	7.64%	18	6.90%	12	4.72%	9	6.29%	18.37%
White	260	40.56%	100	38.31%	78	30.71%	52	36.36%	20.00%
Total	641		261	40.72%	254		143	56.30%	

- 56.30% (143) of the 2000-01 First Time students who enrolled in Math 80 (641) passed Math 82 by Spring 2005.

Total First Time Students = 13,009

A greater percentage of First Time Asian/Southeast Asian students who enrolled in Math 80 completed Math 82 by Spring 2005 than all other groups (34.88% and 47.22% respectively).

Between 18 and 20% of African Americans, Hispanics, and Whites who enrolled in Math 80 completed Math 82 by Spring 2005.

- 22.31% (143) of the 2000-01 First Time students who enrolled in Math 80 (641) passed Math 82 by Spring 2005.

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