



# Fast Facts

## Student Success Series

### # 2007-06 Dual Enrollment Penetration Study

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**Topic:** A comparison of the Dual Enrollment penetration rates for White, African American, and Hispanic students is one way to measure a college's effectiveness in attracting Dual Enrollment students across racial/ethnic groups.

**Methodology:** A simple penetration rate was calculated for White, African American, and Hispanic students using the 2005-06 Dual Enrollment student headcount as the numerator and the fall 2005 public school student enrollment in grades 11 and 12 as the denominator.

#### **Highlights at the State Level:**

- Systemwide, the overall Dual Enrollment penetration rate was 9.69% in 2005-06. This means that the number of Dual Enrollment students in 2005-06 represents nearly 10% of the 11<sup>th</sup> and 12<sup>th</sup> grade public school population.
- There are substantial differences in the systemwide penetration rates by race/ethnicity.
  - a) The Dual Enrollment penetration rate for White students was 13.56%,
  - b) The Dual Enrollment penetration for African Americans was 3.70%, and
  - c) The Dual Enrollment penetration for Hispanics was 4.80%.

#### **Highlights at the Institution Level:**

- There are substantial differences in overall Dual Enrollment penetration rates among the colleges, ranging from a low of 3.5% to a high of 49%. There are similar variations among colleges for penetration rates by race/ethnicity.
- At each community college, the Dual Enrollment penetration rate for African American students is less than the Dual Enrollment penetration rate for White students.
- For 27 of the colleges, the Dual Enrollment penetration rate for Hispanic students is less the Dual Enrollment penetration rate for White students.

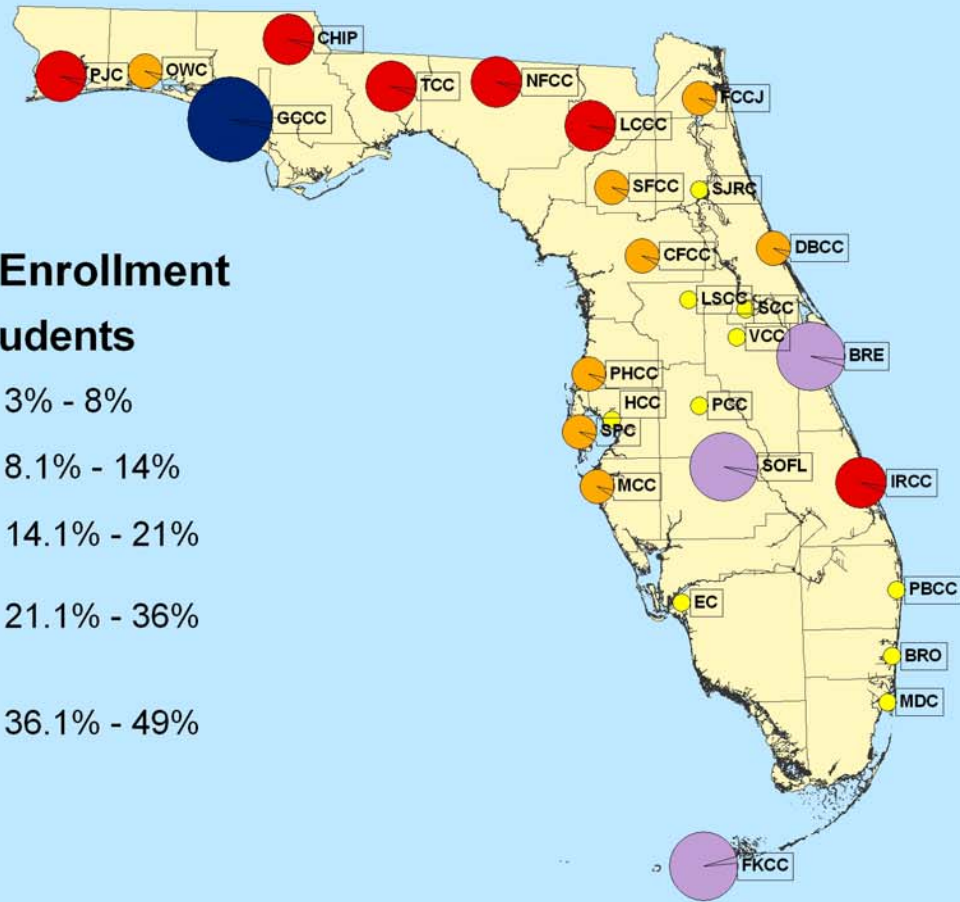
#### **Strategies to Consider:**

- Meet with district staff and high school administrators to inform them about the advantages of the program and to provide them with data about the program.
- Dual Enrollment should be addressed in the inter-institutional articulation agreement which should include the new Statement of Standards of Rigor for Dual Enrollment/Early College.
- Colleges should provide feedback to districts about student success in Dual Enrollment. See Fast Facts #79.
- Make sure private school and home-school students as well as public school students are aware of the Dual Enrollment program.

# Division of Community Colleges Dual Enrollment Penetration by Service Area

\*Includes College Credit and Career & Technical Certificate

## Dual Enrollment All Students



## Rates of Penetration in Dual Enrollment by College, 2005-06

College	Dual Enrollment Headcount	Dual Enrollment Penetration Rate, All Students
Brevard	2,764	26.57%
Broward	1,742	4.88%
Central Florida	1,107	13.89%
Chipola	411	19.02%
Daytona Beach	1,082	10.93%
Edison	1,364	7.33%
Florida CC @ Jax	1,645	10.52%
Florida Keys	306	27.47%
Gulf Coast	2,063	48.99%
Hillsborough	1,080	4.63%
Indian River	1,823	18.39%
Lake City	443	17.54%
Lake-Sumter	461	8.17%
Manatee	1,329	12.38%
Miami Dade	1,617	3.45%
North Florida	308	15.98%
Okaloosa-Walton	559	10.54%
Palm Beach	1,772	7.79%
Pasco-Hernando	1,301	13.39%
Pensacola	1,912	21.32%
Polk	841	7.98%
St. Johns	735	7.56%
St. Petersburg	1,604	10.71%
Santa Fe	681	13.88%
Seminole	465	5.01%
South Florida	925	36.35%
Tallahassee	998	18.43%
Valencia	1,578	5.45%
System	32,916	9.69%
Minimum	306	3.45%
Maximum	2,764	48.99%

Penetration is calculated as:

NUMERATOR=Dual Enrollment student headcount by race/ethnicity, 2005-06, Florida Community College Student Data Base

DENOMINATOR=Public school membership by race/ethnicity in grades 11 and 12, Fall 2005, Education Information and Accountability Services

## Dual Enrollment Rates of Penetration by Race/Ethnicity, 2005-06

College	Dual Enrollment Penetration Rate		
	White Students	African American Students	Hispanic Students
Brevard	28.47%	16.81%	25.90%
Broward	7.08%	1.77%	4.54%
Central Florida	16.27%	5.16%	7.66%
Chipola	22.38%	6.42%	9.52%
Daytona Beach	12.23%	5.07%	8.08%
Edison	9.70%	2.56%	2.89%
Florida CC @ Jax	10.11%	3.65%	4.45%
Florida Keys	31.09%	4.76%	24.42%
Gulf Coast	54.33%	19.62%	45.45%
Hillsborough	6.41%	2.53%	2.64%
Indian River	22.01%	8.39%	12.93%
Lake City	20.38%	2.72%	8.06%
Lake-Sumter	9.68%	2.79%	6.28%
Manatee	13.81%	3.04%	6.27%
Miami Dade	4.72%	1.95%	3.38%
North Florida	21.76%	4.71%	14.75%
Okaloosa-Walton	11.76%	2.98%	9.47%
Palm Beach	9.91%	5.20%	5.14%
Pasco-Hernando	14.07%	5.15%	9.81%
Pensacola	26.13%	4.37%	20.36%
Polk	10.39%	2.87%	4.05%
St. Johns	8.24%	2.78%	7.52%
St. Petersburg	12.75%	2.31%	5.00%
Santa Fe	18.66%	4.39%	15.69%
Seminole	5.44%	2.27%	3.31%
South Florida	38.52%	34.61%	28.83%
Tallahassee	23.98%	7.87%	25.14%
Valencia	7.67%	2.21%	3.78%
System	13.56%	3.70%	4.80%
Minimum	4.72%	1.77%	2.64%
Maximum	54.33%	34.61%	45.45%

Penetration is calculated as:

NUMERATOR=Dual Enrollment student headcount by race/ethnicity, 2005-06, Florida Community College Student Data Base

DENOMINATOR=Public school membership by race/ethnicity in grades 11 and 12, Fall 2005, Education Information and Accountability Services

***Information Necessary to Replicate Data:***

- The Dual Enrollment student headcount information was obtained from the Florida Community College Student Data Base, 2005-06
- Community College data element 3004 was used to identify a Dual Enrollment student; Codes DA (Dual Enrollment applicable to an AA or AS degree); DV (Dual Enrollment applicable toward a vocational certificate); EA (Early Admission, College Credit); and EV (Early Admission, Non-Credit)
- Membership in grades 11 and 12 was obtained from the Survey 2, Automated Student Data Base, Education Information and Accountability Services, October 2005 reporting date

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