DATA BRIEF:
DISTRICT CAREER DUAL ENROLLMENT

DEFINITION OF CAREER DUAL ENROLLMENT

Florida Statutes define dual enrollment as one of several articulated acceleration mechanisms (early admission, advanced placement, credit by examination, International Baccalaureate, and other postsecondary early entrance opportunities) where students enroll in postsecondary instruction and receive both postsecondary and secondary credit. [1] The intent is to broaden curricular options, increase depth of study options available to students, and shorten the time necessary for completing the requirements for earning a high school diploma and a postsecondary certificate or degree.

Through dual enrollment public and home education secondary students may enroll in postsecondary courses creditable toward both high school graduation and a career certificate or an associate or baccalaureate degree. There are two curricular avenues for students to participate in dual enrollment: early college (college credit) and career dual enrollment. Early college dual enrollment refers to academic or college credit coursework at the postsecondary level that leads to a college credit certificate or degree. Early college dual enrollment is available through community colleges and universities.

Career dual enrollment is a curricular option of elective credits toward earning the high school diploma and completing a career-preparatory certificate program and is available through district career centers and community colleges. Career dual enrollment is not intended to enable students to take isolated courses unrelated to a program. School districts must inform all students of the option and eligibility criteria. Students participating in dual enrollment are exempt from the payment of registration, tuition, and laboratory fees.

The key feature of dual enrollment is the award of both secondary and postsecondary credit, not the location of instruction. Vocational preparatory instruction, college preparatory instruction, and other pre-collegiate instruction are ineligible for dual enrollment credit because they are not receiving postsecondary credit. Physical education skills courses are also ineligible for dual enrollment.

There are arrangements whereby secondary students can take secondary-level courses at postsecondary institutions. These arrangements are sometimes referred to as "shared enrollment," but they are not dual enrollment because the student is receiving secondary credit only. [2] Table 1 reveals that 7,954 high school students participated in shared enrollment in 2005-06 by taking secondary career and technical courses at district career centers. [3]

[1] Section 1007.271, F.S.

[2] Another term, "co-enrollment," refers to secondary students taking adult education courses for high school graduation credit.

[3] To identify shared enrollment, we selected students who took secondary career and technical education courses for which the school of instruction was different than the school of enrollment. Among this group, only students with schools of instruction that were career centers were selected.

Table 1
7,954 students in 20 districts participated in shared enrollment in 2005-06

| District	Headcount
Bay	61
Bradford	718
Broward	326
Charlotte	59
Citrus	135
Dade	369
Escambia	34
Gadsden	77
Lake	4
Lee	60
Okaloosa	396
Orange	1292
Pasco	716
Pinellas	305
Polk	1070
Santa Rosa	288
Sarasota	645
St. Johns	643
Suwannee	754
Taylor	2
Total	7954

Source: Florida Department of Education

CAREER DUAL ENROLLMENT DATA

The charts and tables that follow describe the characteristics of high school students dually enrolled in district career certificate programs. In 2006-07 there were 4,136 dually enrolled students in district career certificate programs compared to 1,226 community college career certificate dual enrollment students. District career dual enrollment has increased slightly from 3,971 students in 2003-04 to 4,136 students in 2006-07. Fifty-seven percent of district career dual enrollment students in 2006-07 were male and a majority (51%) were minorities. In 2006-07, Hillsborough, Orange, and Charlotte counties were leaders in career dual enrollment headcount, and Orange, Osceola, and Manatee counties led in career dual enrollment FTE. The top three district career dual enrollment programs across all four years of the analysis were Automotive Services Technology, Web Design Services, and Patient Care Technician.

EXHIBITS
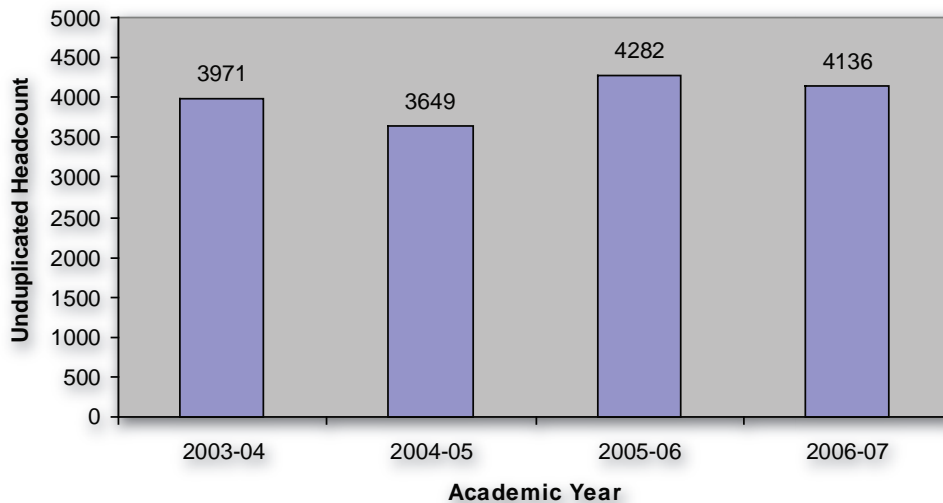
Exhibit 1
School districts comprised 77% of career dual enrollment headcount in Florida in 2006-07

1226, 23%

■ Community College Career Dual Enrollment

■ District Career Dual Enrollment

4136, 77%
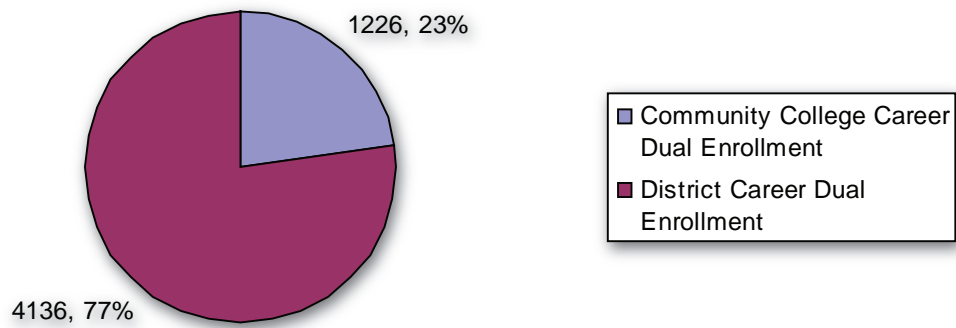
Source: Division of Community Colleges and Education Data Warehouse

Exhibit 2
District career dual enrollment has increased slightly from 2003-04 to 2006-07

Source: Education Data Warehouse

Exhibit 3
Fifty-one percent of district career dual enrollment students in 2006-07 were minorities
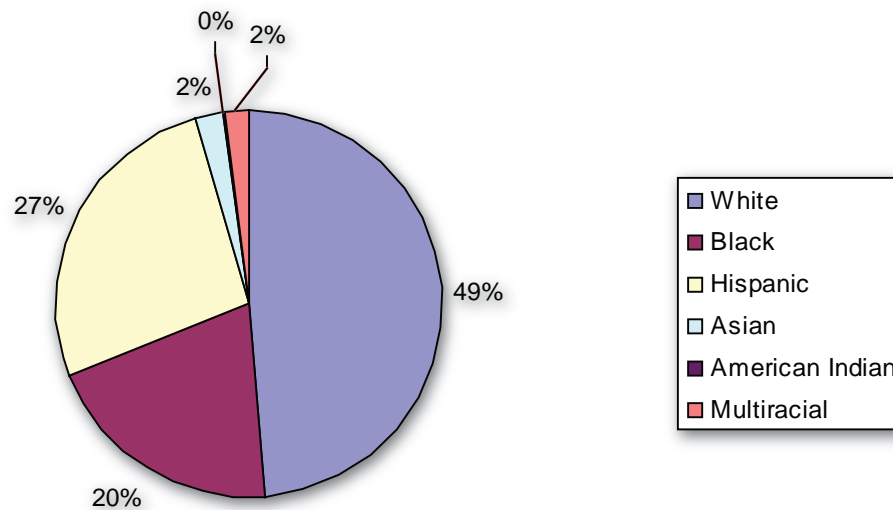
Source: Education Data Warehouse

Exhibit 5
Distribution of district career dual enrollment students by district

District Career Dual Enrollment, 2006-07

Legend

Headcount

- 2 - 38
- 39 - 128
- 129 - 263
- 264 - 429
- 430 - 1120

Source: Education Data Warehouse

Table 2
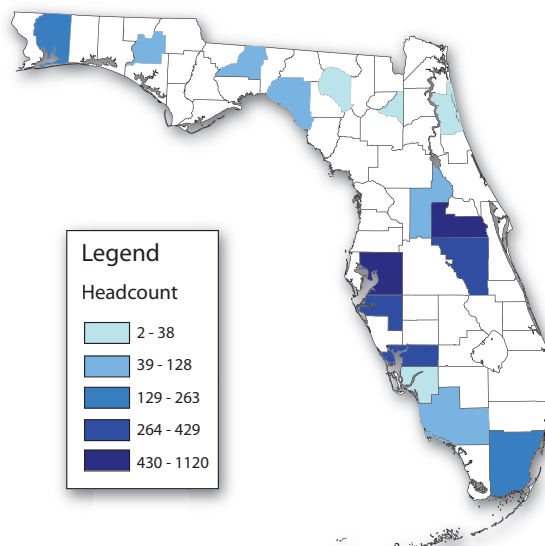## Headcount of district career dual enrollment students, 2003-04 to 2006-07

2006-07		2005-06		2004-05		2003-04	
District	**Headcount**	**District**	**Headcount**	**District**	**Headcount**	**District**	**Headcount**
Hillsborough	1,120	Hillsborough	1,407	Hillsborough	1,329	Hillsborough	1,280
Orange	857	Orange	780	Orange	679	Orange	684
Charlotte	429	Manatee	435	Osceola	429	Dade	371
Manatee	418	Osceola	394	Manatee	330	Osceola	365
Osceola	361	Charlotte	375	Dade	319	Manatee	344
Dade	263	Dade	269	Collier	124	Collier	217
Santa Rosa	176	Collier	131	Lake	94	Charlotte	200
Collier	128	Suwannee	111	Washington	87	Taylor	150
Lake	92	Leon	83	Santa Rosa	63	Washington	102
Leon	91	Lake	57	Taylor	55	Lake	100
Washington	88	Santa Rosa	56	Charlotte	49	Santa Rosa	70
Taylor	58	Taylor	51	Lee	35	St. Johns	32
Bradford	38	Washington	51	St. Johns	26	Lee	28
St. Johns	12	Bradford	37	Bradford	14	Bradford	12
Suwannee	3	St. Johns	33	Leon	11	Leon	11
Lee	2	Lee	9	Suwannee	3	Suwannee	5
		CITRUS	3	Citrus	2		
Total	**4,136**	**Total**	**4,282**	**Total**	**3,649**	**Total**	**3,971**

Source: Education Data Warehouse

Table 3
Enrollment hours and fulltime equivalents for district career dual enrollment students, 2003-04 to 2006-07

2006-07			2005-06			2004-05			2003-04		
District	**Hours**	**FTE**	**District**	**Hours**	**FTE**	**District**	**Hours**	**FTE**	**District**	**Hours**	**FTE**
Orange	454,599	505.11	Orange	406,656	451.84	Orange	358,815	398.68	Orange	321,366	357.07
Osceola	205,759	228.62	Osceola	202,735	225.26	Osceola	212,443	236.05	Hillsborough	200,710	223.01
Manatee	198,770	220.86	Manatee	187,510	208.34	Manatee	185,754	206.39	Osceola	173,832	193.15
Charlotte	136,356	151.51	Hillsborough	125,003	138.89	Hillsborough	163,177	181.31	Manatee	146,721	163.02
Hillsborough	80,377	89.31	Charlotte	109,075	121.19	Dade	70,359	78.18	Dade	84,455	93.84
Collier	55,442	61.60	Collier	71,729	79.70	Collier	61,486	68.32	Collier	74,923	83.25
Dade	55,420	61.58	Dade	57,855	64.28	Lake	40,403	44.89	Charlotte	71,119	79.02
Washington	46,698	51.89	Leon	32,261	35.85	Washington	32,438	36.04	Lake	61,295	68.11
Leon	46,094	51.22	Lake	29,093	32.33	Santa Rosa	26,979	29.98	Washington	45,847	50.94
Lake	40,844	45.38	Washington	26,202	29.11	Taylor	17,986	19.98	Taylor	31,339	34.82
Santa Rosa	40,302	44.78	Santa Rosa	21,658	24.06	Lee	15,916	17.68	Santa Rosa	28,458	31.62
Taylor	19,701	21.89	Taylor	17,283	19.20	Charlotte	14,308	15.90	St. Johns	15,186	16.87
Bradford	11,646	12.94	Suwannee	17,202	19.11	St. Johns	13,930	15.48	Lee	12,764	14.18
St. Johns	5,530	6.14	St. Johns	15,554	17.28	Leon	4,602	5.11	Bradford	5,144	5.72
Lee	918	1.02	Bradford	7,685	8.54	Bradford	4,095	4.55	Leon	3,500	3.89
Suwannee	848	0.94	Lee	3,446	3.83	Citrus	1,572	1.75	Suwannee	1,592	1.77
			Citrus	2,545	2.83	Suwannee	544	0.60			
Total	**1,399,304**	**1,554.78**	**Total**	**926,836**	**1,481.66**	**Total**	**865,992**	**1,360.90**	**Total**	**1,278,251**	**1,420.28**

Source: Education Data Warehouse

Table 4
Top ten district career certificate programs by number of career dual enrollment students for four academic years (2003-04 to 2006-07)

2006-07		2005-06		2004-05		2003-04	
Program	**Headcount**	**Program**	**Headcount**	**Program**	**Headcount**	**Program**	**Headcount**
Automotive Service Technology	396	Automotive Service Technology	517	Automotive Service Technology	424	Automotive Service Technology	444
Web Design Services	357	Web Design Services	469	Web Design Services	377	Web Design Services	384
Patient Care Technician	337	Patient Care Technician	392	Patient Care Technician	333	Patient Care Technician	379
Commercial Foods and Culinary	257	Commercial Foods and Culinary	296	Early Childhood Education	274	Early Childhood Education	255
Early Childhood Education	225	Early Childhood Education	249	Commercial Foods and Culinary	220	Commercial Foods and Culinary	248
Digital Design	224	Digital Design	204	Digital Design	182	Digital Design	188
Building Construction Technology	174	Administrative Assistant	188	Applied Welding Technology	134	Administrative Assistant	146
Computer Systems Technology	136	Accounting Operations	141	Administrative Assistant	129	Applied Welding Technology	142
Administrative Assistant	130	Carpentry	129	Accounting Operations	105	Computer Electronics Tec	137
Accounting Operations	124	Applied Welding Technology	118	Medical Assisting	95	Aircraft Airframe Mechanics	109

Source: Education Data Warehouse