DISTRICT CAREER DUAL ENROLLMENT:
ENROLLMENT REPORT 2017-18

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FLORIDA DEPARTMENT OF EDUCATION
fldoe.org

Division of Career and Adult Education

District Career Dual Enrollment: 2017-18 Enrollment Report

Definition of Career Dual Enrollment

Florida Statutes provide several articulated acceleration mechanisms including early admissions, advanced placement, credit by examination, International Baccalaureate, and other postsecondary early entrance opportunities. One additional mechanism authorized in Florida Statutes is dual enrollment that allows secondary students to enroll in postsecondary instruction which results in 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 postsecondary certificate or degree.

Through dual enrollment, public, private and home education secondary students may enroll in postsecondary courses creditable toward both high school graduation requirements and a postsecondary diploma or degree. Career dual enrollment in district career centers and charter technical career centers is available for career certificate and applied technology diplomas is available. College credit dual enrollment, academic or career-based, are not available in district career centers. Career dual enrollment is described as follows in the statute:

> *Career dual enrollment shall be provided as a curricular option for secondary students to pursue in order to earn industry certifications adopted pursuant to s. 1008.44, which count as credits toward the high school diploma. Career dual enrollment shall be available for secondary students seeking a degree and industry certification through a career education program or course.*[2]

School districts must inform all students of the option and eligibility criteria, and eligible programs are limited to those that lead to industry certifications approved on the CAPE Industry Certification Funding List or CAPE Postsecondary Industry Certification Funding List. Career dual enrollment is not intended to enable students to take isolated courses unrelated to a program, but to be provided as a curricular option for secondary students in order to earn high school credit, postsecondary credits, and industry certifications adopted pursuant to Florida Statutes[3]. Students participating in dual enrollment are exempt from the payment of registration, tuition, laboratory fees and other fees, such as technology fees and parking decal fees associated with costs of attendance.

Applied Academics for Adult Education, developmental courses and other pre-collegiate instruction are ineligible for dual enrollment credit because students do not articulate for postsecondary credit. Physical education skills courses are also ineligible for dual enrollment.

Both school districts and Florida College System (FCS) institutions offer career dual enrollment in non-college credit programs. However, recent enrollment data shows that the vast majority (97%) of this type of dual enrollment is offered in district career centers and charter technical career centers.

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[1] Section 1007.271, Florida Statutes
[2] Section 1007.271 (7), Florida Statutes
[3] Section 1008.44, Florida Statutes

Career Dual Enrollment Data

From 2016-17 to 2017-18, district career dual enrollment increased slightly from 11,610 to 11,701 students, about a 1 percent increase. **Exhibit 1** displays the most recent four years of district career dual enrollment headcount.

Demographic Summary
For school year 2017-18, 53.8% of district career dual enrollment students were male and 46.2% were female. See **Exhibit 2** for the recent enrollment by gender. The percentage share of males decreased from 56.7% in 2016-17 to 53.8% in 2017-18.

In 2017-18, White, Black or African American, Hispanic, and All Other Races[4] students comprised 33.9%, 22.8%, 37.7% and 5.6% of district career dual enrollment, respectively. See **Exhibit 3 and Exhibit 4** for the summary charts on student headcount. From 2016-17 to 2017-18, the following demographic shifts occurred:
- White student enrollment decreased by 2.3%, from 4,063 students to 3,969 students,
- Black or African American student enrollment decreased by 0.15%, from 2,672 students to 2,668 students.
- Conversely, Hispanic student enrollment increased by 4%, from 4,242 students to 4,410 students.
- All Other Races student enrollment increased by 3.3%, from 633 students to 654 students.
- 66.1% of the total district career dual enrollment student population was identified as minority, an increase from the previous year when 65% was identified as minority.

School District Totals and Trends in Enrollment
Thirty-eight districts offer postsecondary career certificate or applied technology diploma programs. Of these, twenty-eight reported dual enrollment students in 2017-18. **Table 1** shows the student enrollment by district. The following districts had the most dual enrolled students:
- Orange
- Miami-Dade
- Broward
- Hillsborough
- Sarasota

These five districts comprised 77.9% of total dual enrolled students.

From 2016-17 to 2017-18, 14 school districts experienced declines in total enrollment while the other 14 school districts experienced increases. Orange County School District, which accounts for 42.9% of the total district career dual enrollment, experienced an 8% decline in enrollment from 5,462 students in the 2016-17 school year to 5,021 in the 2017-18 school year. Meanwhile, Miami-Dade, which accounts for 11.7% of the total district career dual enrollment, experienced a student enrollment increase of 9.62%, from 1,247 students in 2016-17 to 1,367 students in 2017-18.

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[4] Includes students reported as Asian, Pacific Islander, American Indian, or Multiracial

Table 2 shows the instructional hours and full-time equivalencies[5] by district. The top five districts for FTE were slightly different. Collier is ranked 5th in FTE and 6th in headcount. Hillsborough is ranked 4th in headcount and 8th in FTE.

Table 3 and **Table 4** show the dual enrolled student headcount, instructional hours and FTE for each accredited career center.

Program Summary
Table 5 provides total dual enrolled student headcounts by postsecondary program of enrollment. The highest headcounts were the following:
- Commercial Foods and Culinary Arts
- Medical Assisting
- Early Childhood Education
- Digital Photography Technology
- Computer Systems & Information.

Enrollment in these five programs comprised 30.8% of the total.

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[5] 1 FTE = 900 instructional hours

APPENDIX

The data being represented in exhibits 1 through 4 and tables 1 through 5 are sourced from the Workforce Development Information System.

Exhibit 1
District dual enrollment headcount from 2014-15 to 2017-18
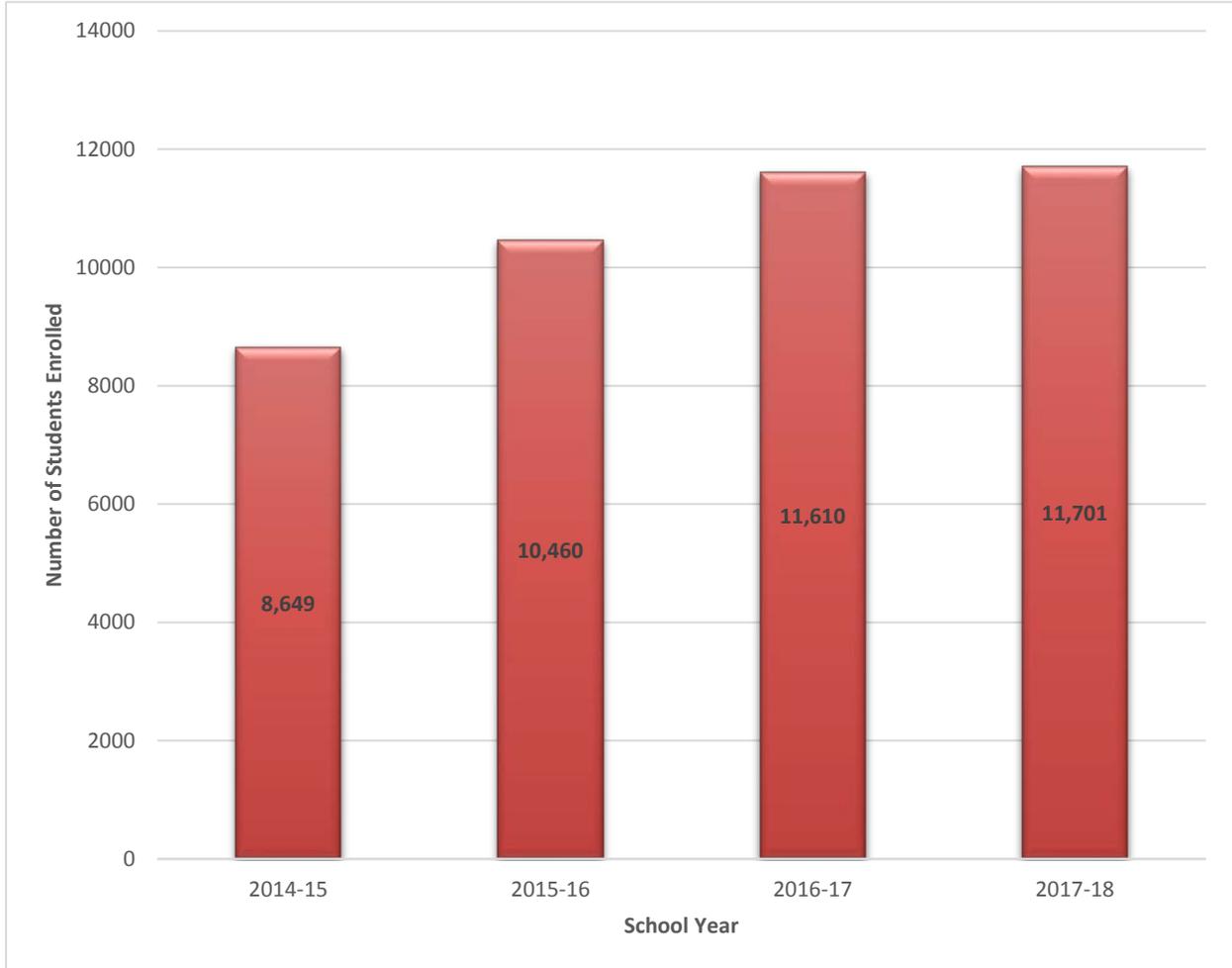
Exhibit 2
Percent of district career dual enrollment students by gender from 2014-15 to 2017-18
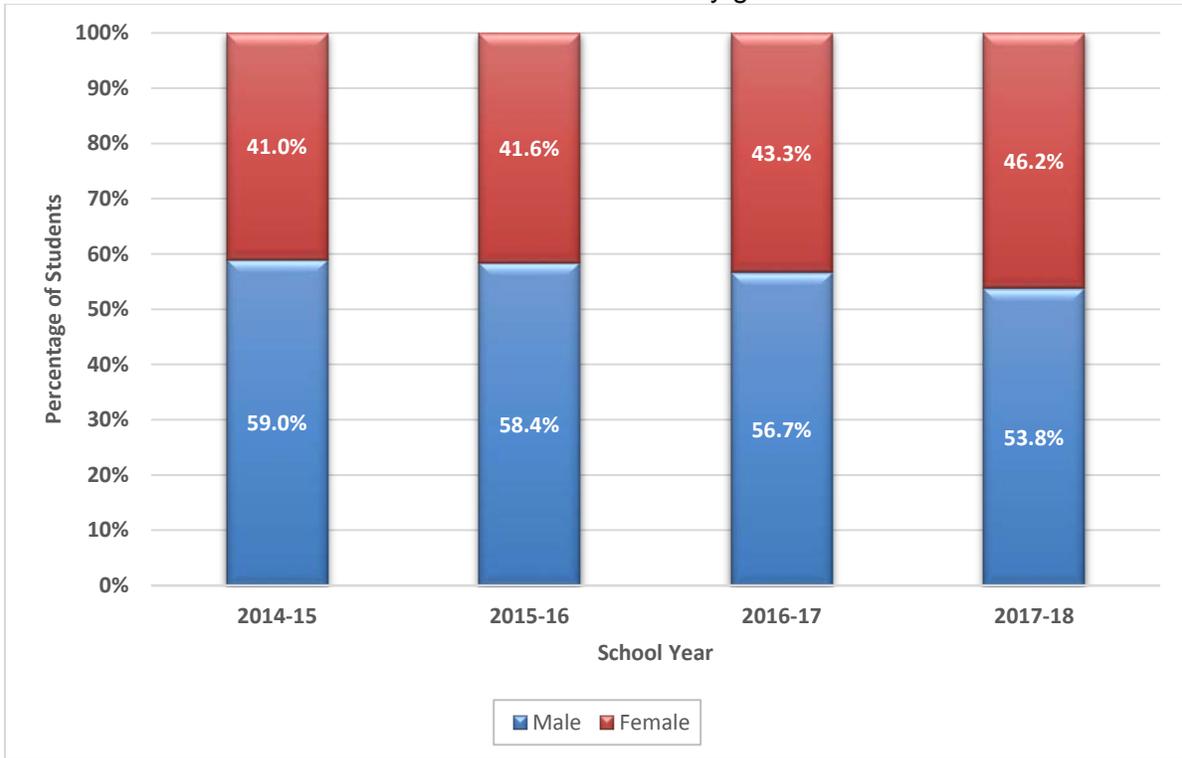

Exhibit 3
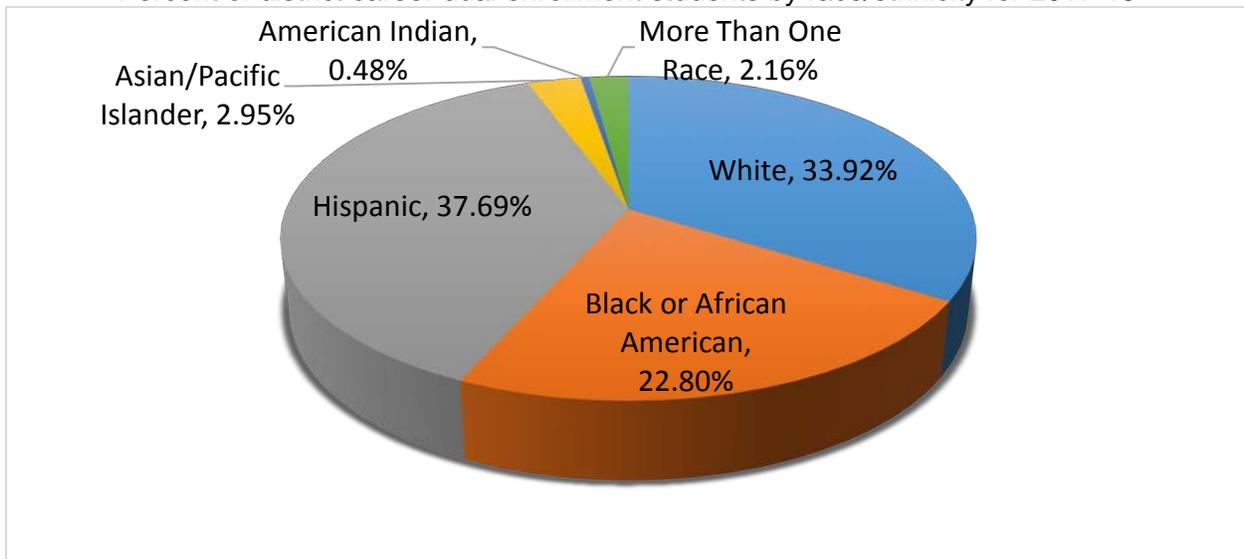Percent of district career dual enrollment students by race/ethnicity for 2017-18

Exhibit 4
Percent of district career dual enrollment students by race/ethnicity from 2014-15 to 2017-18
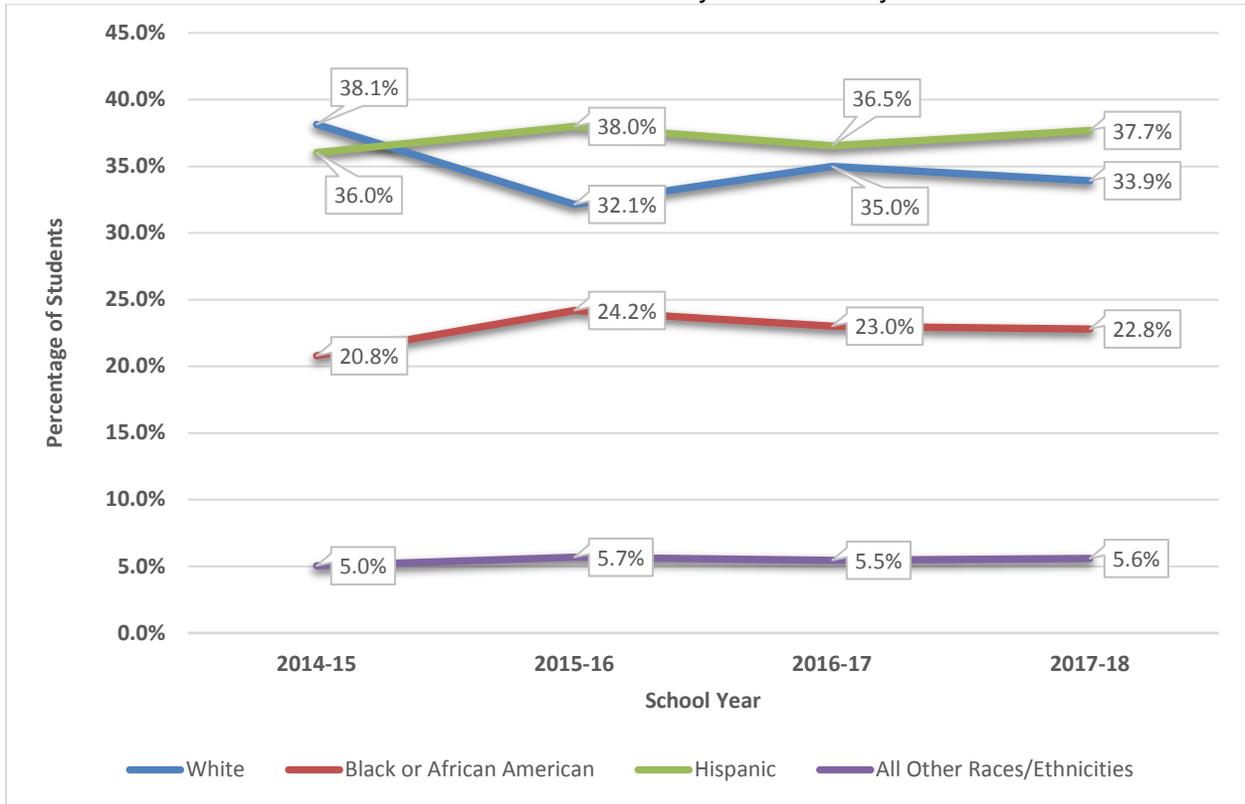
Table 1
Headcount of district career dual enrollment students by district, 2014-15 to 2017-18

#	District	2017-18	% of State	2016-17	% of State	2015-16	% of State	2014-15	% of State
48	Orange	5,021	42.91%	5,462	47.05%	5,120	48.95%	3,138	36.28%
13	Miami-Dade	1,367	11.68%	1,247	10.74%	1,528	14.61%	1,330	15.38%
6	Broward	1,154	9.86%	1,161	10.00%	955	9.13%	1,128	13.04%
29	Hillsborough	799	6.83%	512	4.41%	32	0.31%	33	0.38%
58	Sarasota	771	6.59%	822	7.08%	615	5.88%	457	5.28%
11	Collier	485	4.14%	441	3.80%	447	4.27%	481	5.56%
49	Osceola	441	3.77%	302	2.60%	335	3.20%	296	3.42%
57	Santa Rosa	407	3.48%	380	3.27%	511	4.89%	691	7.99%
8	Charlotte	242	2.07%	257	2.21%	62	0.59%	26	0.30%
37	Leon	177	1.51%	225	1.94%	135	1.29%	342	3.95%
41	Manatee	141	1.21%	145	1.25%	166	1.59%	217	2.51%
52	Pinellas	138	1.18%	121	1.04%	119	1.14%	0	0.00%
67	Washington	101	0.86%	111	0.96%	107	1.02%	135	1.56%
9	Citrus	64	0.55%	*	*	*	*	*	*
62	Taylor	53	0.45%	47	0.40%	66	0.63%	68	0.79%
51	Pasco	47	0.40%	38	0.33%	54	0.52%	0	0.00%
35	Lake	44	0.38%	50	0.43%	51	0.49%	58	0.67%
55	St Johns	40	0.34%	40	0.34%	35	0.33%	98	1.13%
36	Lee	35	0.30%	58	0.50%	38	0.36%	37	0.43%
20	Gadsden	32	0.27%	72	0.62%	0	0.00%	0	0.00%
42	Marion	25	0.21%	26	0.22%	22	0.21%	14	0.16%
3	Bay	23	0.20%	23	0.20%	*	*	*	*
61	Suwannee	23	0.20%	0	0.00%	*	*	66	0.76%
66	Walton	20	0.17%	16	0.14%	18	0.17%	*	*
17	Escambia	17	0.15%	18	0.16%	*	*	0	0.00%
4	Bradford	13	0.11%	15	0.13%	12	0.11%	16	0.18%
18	Flagler	11	0.09%	0	0.00%	0	0.00%	0	0.00%
31	Indian River	10	0.09%	17	0.15%	0	0.00%	0	0.00%
15	Dixie	0	0.00%	0	0.00%	*	*	0	0.00%
46	Okaloosa	0	0.00%	0	0.00%	*	*	0	0.00%
53	Polk	0	0.00%	0	0.00%	*	*	*	*
	Total	11,701		11,610		10,460		8,649	

*Masked cells due to total number enrolled<10

Table 2
Instructional hours and full-time equivalents (FTE) for district career dual enrollment students by district, 2015-16 to 2017-18

#	District	2017-18			2016-17		2015-16	
		Hours	FTE	Percent of State	Hours	FTE	Hours	FTE
48	Orange	1,037,033	1,152.26	30.45%	1,069,613	1,188.46	1,034,732	1,149.70
6	Broward	574,646	638.50	16.87%	572,097	635.66	527,258	585.84
13	Miami-Dade	357,977	397.75	10.51%	260,870	289.86	302,915	336.57
58	Sarasota	310,044	344.49	9.10%	238,388	264.88	252,519	280.58
11	Collier	223,756	248.62	6.57%	204,316	227.02	207,367	230.41
49	Osceola	210,282	233.65	6.17%	157,706	175.23	173,601	192.89
29	Hillsborough	151,466	168.30	4.45%	110,939	123.27	6,450	7.17
57	Santa Rosa	83,198	92.44	2.44%	87,314	97.02	98,282	109.20
8	Charlotte	79,397	88.22	2.33%	75,593	83.99	15,884	17.65
41	Manatee	70,379	78.20	2.07%	77,817	86.46	77,966	86.63
52	Pinellas	45,630	50.70	1.34%	42,457	47.17	43,946	48.83
37	Leon	40,971	45.52	1.20%	42,743	47.49	37,356	41.51
67	Washington	38,406	42.67	1.13%	36,345	40.38	39,137	43.49
62	Taylor	27,543	30.60	0.81%	23,093	25.66	17,495	19.44
35	Lake	22,318	24.80	0.66%	25,199	28.00	24,040	26.71
51	Pasco	20,313	22.57	0.60%	17,106	19.01	23,217	25.80
9	Citrus	19,966	22.18	0.59%	1,160	1.29	2,914	3.24
36	Lee	19,487	21.65	0.57%	28,901	32.11	21,728	24.14
55	St Johns	15,201	16.89	0.45%	16,988	18.88	16,489	18.32
3	Bay	11,619	12.91	0.34%	9,522	10.58	474	0.53
20	Gadsden	10,775	11.97	0.32%	22,541	25.05	0	0.00
66	Walton	8,727	9.70	0.26%	5,758	6.40	7,596	8.44
61	Suwannee	8,676	9.64	0.25%	0	0.00	1,460	1.62
17	Escambia	6,353	7.06	0.19%	5,472	6.08	1,390	1.54
42	Marion	4,370	4.86	0.13%	3,678	4.09	6,561	7.29
4	Bradford	3,510	3.90	0.10%	3,028	3.36	2,702	3.00
18	Flagler	2,275	2.53	0.07%	0	0.00	0	0.00
31	Indian River	1,684	1.87	0.05%	1,144	1.27	0	0.00
15	Dixie	0	0.00	0.00%	0	0.00	672	0.75
46	Okaloosa	0	0.00	0.00%	0	0.00	2,030	2.26
53	Polk	0	0.00	0.00%	0	0.00	172	0.19
	Total	3,406,002	3,784.45		3,139,788	3,488.65	2,946,353	3,273.73

Table 3

Headcount of district career dual enrollment students by technical center, 2017-18[6]

#	District	School #	Technical Center	Enrollment
3	Bay	481	Tom P. Haney Technical Center	23
4	Bradford	171	North Florida Technical College	13
6	Broward	1051	Sheridan Technical College	366
6	Broward	1291	William T. Mcfatter Technical College	372
6	Broward	2221	Atlantic Technical College	417
8	Charlotte	161	Charlotte Technical College	242
9	Citrus	131	Withlacoochee Technical College	64
11	Collier	281	Lorenzo Walker Technical College	294
11	Collier	581	Immokalee Technical College	191
13	Miami-Dade	7702	South Dade Technical College	285
13	Miami-Dade	7801	George T. Baker Aviation Technical College	461
13	Miami-Dade	8005	Lindsey Hopkins Technical College	110
13	Miami-Dade	8901	Miami Lakes Educational Center And Technical College	144
13	Miami-Dade	8911	Robert Morgan Educational Center And Technical College	368
17	Escambia	861	George Stone Area Voc-Tech Center	17
18	Flagler	92	Flagler Technical Institute	11
20	Gadsden	245	Gadsden Technical Institute	32
29	Hillsborough	71	Aparicio-Levy Technical College	233
29	Hillsborough	362	Brewster Technical College	501
29	Hillsborough	1421	Erwin Technical College	66
31	Indian River	32	Technical Center For Career & Adult Education	10
35	Lake	531	Lake Technical College	44
36	Lee	541	Fort Myers Technical College	23
36	Lee	581	Cape Coral Technical College	12
37	Leon	361	Lively Technical Center	177
41	Manatee	211	Manatee Technical College	141
42	Marion	9412	Marion Technical College	25
48	Orange	1131	Orange Technical College Mid Florida Campus	1,313
48	Orange	1581	Orange Technical College Orlando Campus	1,064
48	Orange	5783	Orange Technical College Westside Campus	1,211
48	Orange	5852	Orange Technical College Winter Park Campus	1,473
49	Osceola	861	Osceola Technical College Kissimmee Campus	388
49	Osceola	950	Osceola Technical College St Cloud Campus	22
49	Osceola	951	Osceola Technical College Poinciana Campus	32
51	Pasco	8991	Marchman Technical College Adult	47
52	Pinellas	3801	Pinellas Technical College - St Petersburg	95
52	Pinellas	4541	Pinellas Technical College - Clearwater	44
55	St Johns	231	First Coast Technical College	40
57	Santa Rosa	321	Locklin Technical Center	407
58	Sarasota	391	Suncoast Technical College	771
61	Suwannee	12	Riveroak Technical College	23
62	Taylor	131	Big Bend Technical College	53
66	Walton	301	Emerald Coast Technical College	20
67	Washington	141	Florida Panhandle Technical College	101

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[6] Unduplicated headcount of district career certificate programs only includes students enrolled in Council on Occupational Education (COE) accredited technical centers. May include duplication if student enrolled in more than one technical center in the same district. Does not include enrollment at non-COE accredited district instructional sites.

Table 4

Instructional hours and full-time equivalents (FTE) for district career dual enrollment students by technical center, 2017-18[7]

District #	District	School #	Technical Center	Hours	FTE
3	Bay	481	Tom P. Haney Technical Center	11,619	12.91
4	Bradford	171	North Florida Technical College	3,510	3.90
6	Broward	1051	Sheridan Technical College	177,337	197.04
6	Broward	1291	William T. Mcfatter Technical College	187,093	207.88
6	Broward	2221	Atlantic Technical College	210,216	233.57
8	Charlotte	161	Charlotte Technical College	79,397	88.22
9	Citrus	131	Withlacoochee Technical College	19,966	22.18
11	Collier	281	Lorenzo Walker Technical College	170,840	189.82
11	Collier	581	Immokalee Technical College	52,916	58.80
13	Miami-Dade	7702	South Dade Technical College	57,369	63.74
13	Miami-Dade	7801	George T. Baker Aviation Technical College	158,917	176.57
13	Miami-Dade	8005	Lindsey Hopkins Technical College	40,905	45.45
13	Miami-Dade	8901	Miami Lakes Educational Center And Technical College	31,343	34.83
13	Miami-Dade	8911	Robert Morgan Educational Center And Technical College	69,443	77.16
17	Escambia	861	George Stone Area Voc-Tech Center	6,353	7.06
18	Flagler	92	Flagler Technical Institute	2,275	2.53
20	Gadsden	245	Gadsden Technical Institute	10,775	11.97
29	Hillsborough	71	Aparicio-Levy Technical College	45,866	50.96
29	Hillsborough	362	Brewster Technical College	89,250	99.17
29	Hillsborough	1421	Erwin Technical College	16,350	18.17
31	Indian River	32	Technical Center For Career & Adult Education	1,684	1.87
35	Lake	531	Lake Technical College	22,318	24.80
36	Lee	541	Fort Myers Technical College	10,990	12.21
36	Lee	581	Cape Coral Technical College	8,497	9.44
37	Leon	361	Lively Technical Center	40,971	45.52
41	Manatee	211	Manatee Technical College	70,379	78.20
42	Marion	9412	Marion Technical College	4,370	4.86
48	Orange	1131	Orange Technical College Mid Florida Campus	322,792	358.66
48	Orange	1581	Orange Technical College Orlando Campus	191,021	212.25
48	Orange	5783	Orange Technical College Westside Campus	218,469	242.74
48	Orange	5852	Orange Technical College Winter Park Campus	304,751	338.61
49	Osceola	861	Osceola Technical College Kissimmee Campus	182,009	202.23
49	Osceola	950	Osceola Technical College St Cloud Campus	11,622	12.91
49	Osceola	951	Osceola Technical College Poinciana Campus	16,651	18.50
51	Pasco	8991	Marchman Technical College Adult	20,313	22.57
52	Pinellas	3801	Pinellas Technical College - St Petersburg	30,665	34.07
52	Pinellas	4541	Pinellas Technical College - Clearwater	14,965	16.63
55	St Johns	231	First Coast Technical College	15,201	16.89
57	Santa Rosa	321	Locklin Technical Center	83,198	92.44
58	Sarasota	391	Suncoast Technical College	310,044	344.49
61	Suwannee	12	Riveroak Technical College	8,676	9.64
62	Taylor	131	Big Bend Technical College	27,543	30.60
66	Walton	301	Emerald Coast Technical College	8,727	9.70
67	Washington	141	Florida Panhandle Technical College	38,406	42.67
			Total	3,406,002	3784.45

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[7] Instructional hours and FTE of district career certificate programs only include students enrolled in COE accredited technical centers. Does not include instructional hours and FTE reported at non-COE accredited district instructional sites.

Table 5
Dual Enrolled Student Headcount by Program, 2017-18[8]

District Career Certificate Program by Headcount of Career Dual Enrollment Students 2017-18	
Program	**Enrollment**
Commercial Foods and Culinary Arts	1,318
Medical Assisting	829
Early Childhood Education	631
Digital Photography Technology	586
Computer Systems & Information Technology (CSIT)	435
Digital Video Production	416
Digital Video Technology	415
Automotive Service Technology	404
Game/Simulation/Animation Visual Design	352
Building Construction Technologies	323
Practical Nursing	293
Enterprise Desktop and Mobile Support Technology	291
Medical Administrative Specialist	277
Automotive Service Technology 1	273
Veterinary Assisting	270
3 D Animation Technology	240
Pharmacy Technician	236
Digital Media/Multimedia Design	216
Applied Cybersecurity	199
Practical Nursing	199
Welding Technology	194
Drafting PSAV	189
Patient Care Technician	184
Electricity	176
Administrative Office Specialist	142
Patient Care Assistant	128
Aircraft Powerplant Mechanics	127
Commercial Art Technology	124
Aircraft Airframe Mechanics	123
Aviation Powerplant Mechanics	122
Network Support Services	111
Legal Administrative Specialist	110
Avionics Systems Technician	104
Aviation Airframe Mechanics	101
Automotive Collision Technology Technician	99
Business Management and Analysis	96
Accounting Operations	90
Modeling Simulation Production	87
Game/Simulation/Animation Programming	85
Electronic Technology	71
Web Development	66
Digital Design	64
Air Conditioning, Refrigeration and Heating Technology 1	63

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[8] Headcount of district career certificate programs may include duplication if a student was enrolled in more than one program.

District Career Certificate Program by Headcount of Career Dual Enrollment Students 2017-18	
Program	Enrollment
Dental Assisting	58
Lodging Operations	56
Nursing Assistant (Articulated)	55
Air Conditioning, Refrigeration and Heating Technology	47
Major Appliance and Refrigeration Repair	47
Medical Laboratory Assisting (Postsecondary)	46
Automotive Collision Repair and Refinishing	44
Major Appliance and Refrigeration Technician	41
Business Computer Programming	40
Automotive Maintenance and Light Repair Technician	37
Avionics 2	36
Emergency Medical Responder	35
Fire Fighter/Emergency Medical Technician-Combined	35
Home Health Aide (Postsecondary)	35
Marine Service Technologies	34
Medium and Heavy Duty Truck and Bus Technician	34
Pharmacy Technician ATD	33
Database Application Development & Programming	31
Machining Technologies	31
Emergency Medical Technician - ATD	29
.NET Application Development and Programming	27
Modeling Simulation Design	27
Sport, Recreation, and Entertainment Marketing	27
Digital Cinema Production	26
Digital Design 1	26
Medium and Heavy Duty Truck and Bus Technician 1	26
Java Development & Programming	25
Electronic Technology 1	24
Building Trades and Construction Design Technology	23
Fire Fighter I/II	23
Carpentry	22
Millwright 1	22
Architecture and Construction Cooperative Education - OJT	21
Digital Audio Production	21
Nursing Assistant (Long-Term Care)	21
Power Equipment Technologies	21
Plumbing Technology	20
Network Systems Administration	18
Phlebotomy	18
E-Commerce Marketing	15
Emergency Medical Technician	14
Baking and Pastry Arts	13

District Career Certificate Program by Headcount of Career Dual Enrollment Students 2017-18	
Program	Enrollment
Criminal Justice Operations	13
Cloud Computing & Virtualization	12
Orthopedic Technology	11
Advanced Manufacturing and Production Technology	10
Electrocardiograph Technology	10
Optometric Assisting	10
CNC Production Specialist	*
Principles of Teaching	*
Television Production Technology	*
Dental Laboratory Technology	*
Digital Design 2	*
Digital Printing Technology	*
Medical Coder/Biller	*
Mental Health Technician	*
Automotive Collision Repair and Refinishing 1	*
Electrician	*
Applied Information Technology	*
Technology Support Services	*
Industrial Machinery Maintenance & Repair	*
Welding Technology - Advanced	*
Carpentry 1	*
Commercial Photography Technology 1	*
Dental Laboratory Technology	*
Electrical and Instrumentation Technology 1	*
Air Conditioning, Refrigeration and Heating Technology 2	*
Medical Coder/Biller - ATD	*
Television Production	*
Central Sterile Processing Technician	*
Digital Media Technology	*
Game/Simulation/Animation Audio/Video Effects	*
Automotive Collision Repair and Refinishing 2	*
Avionics	*
Brick and Block Masonry	*
Diesel Maintenance Technician	*
Massage Therapy	*
Millwright 2	*
Web Application Development & Programming	*

*Masked cells due to total number enrolled<10