# Career and Professional Education Act Enrollment and Performance Report, 2017-18 

## At a Glance

In academic year 2017-18, the tenth year of implementation of the Florida Career and Professional Education (CAPE) Act, school districts registered 1,786 high school and 246 middle school career and professional academies, representing 58 of Florida's school districts as well as Florida State University School. In addition, the CAPE Act was amended in 2012-13 to include career-themed courses. School districts registered 1,222 unique career-themed courses, representing all but one of Florida's 67 school districts, as well as the Florida Virtual School, Florida State University School, and Florida A\&M University Laboratory School. This study found the following regarding enrollment patterns and student performance.

- The most frequent career cluster represented by academies was Information Technology with 301 registered high school and middle school academies followed by then Arts, A/V Technology and Communication with 259.
- High school CAPE participants were most likely to be ninth graders and middle school CAPE participants were most likely to be eighth graders.
- The distribution of students by race and gender among CAPE participants was similar to that of non-academy students.
- In the 2017-18 school year, 105,131 CAPE participants earned 121,240 certifications with a passing rate of 70.4 percent.
- In the 2017-18 school year, 33,714 students earned 40,947 CAPE digital tools with a passing rate of 67.3 percent.
- Middle school and high school CAPE participants had higher average GPAs than their non-CAPE counterparts.
- Middle school and high school CAPE participants were almost as likely to have been chronically absent than their non-CAPE counterparts.
- There was no clear pattern indicating that CAPE participants were more or less likely to have been subjected to disciplinary action than non-CAPE students.
- High school CAPE participants were less likely to have dropped out of school than nonCAPE students.
- Students who earned a certification were more likely to take Advanced Placement or dual enrollment courses than students who did not earn a certification.
- The earning of industry certifications is correlated with higher student performance among high school students.
- Academy students who graduate with an industry certification outperform the academy students who graduate without an industry certification, with a higher placement rate in employment or postsecondary education.


## Introduction

According to section 1003.492(5), Florida Statutes (F.S.), the Florida Department of Education (FDOE) shall conduct an annual analysis of student participation and performance in industry certified secondary career and technical education programs authorized by the CAPE Act. Performance indicators for students enrolled in career and professional academies (also referred to as CAPE academies or simply academies in this report) and students enrolled in career-themed courses include, but are not limited to, graduation rates, retention rates, Florida Bright Futures

Scholarship awards, additional educational attainment, employment records, earnings, industry certification, return on investment and employer satisfaction. The results of this study shall be submitted to the President of the Senate, the Speaker of the House of Representatives, and the Governor annually by December 31.

## Background

In 2007 the Florida Legislature passed the CAPE Act. The purpose of the act was to provide a statewide planning partnership between the business and education communities in order to attract, expand and retain targeted, high-value industry and to sustain a strong, knowledge-based economy. The objectives of the act are as follows:

- To improve middle and high school academic performance by providing rigorous and relevant curriculum opportunities;
- To provide rigorous and relevant career-themed courses that articulate to postsecondarylevel coursework and lead to industry certification;
- To support local and regional economic development;
- To respond to Florida's critical workforce needs; and
- To provide state residents with access to high-wage and high-demand careers.

To implement the legislation, the CAPE Act created statewide partnerships among the FDOE, the Florida Department of Economic Opportunity (FDEO) and CareerSource Florida. Section 1003.491(2), F.S., requires that each district school board develops a three-year strategic plan to address and meet local and regional workforce demands. This plan must be developed in collaboration with a district's local workforce board and local postsecondary institutions. A required element in this plan was the provision for at least one operational career and professional academy per school district, pursuant to s. 1003.492(2), F.S., by the beginning of the 2008-09 school year. Beginning with the 2012-13 school year, the academy requirement was replaced with a requirement that each school district shall offer at least two career-themed courses.

## Career and Professional Academies and Career-themed Courses

A career and professional academy is a research-based program that integrates a rigorous academic curriculum with an industry-specific curriculum aligned directly to priority workforce needs established by regional workforce boards or FDEO.

A career-themed course is a course or a course in a series of courses that leads to an industry certification on the CAPE Industry Certification Funding List. A career-themed course is designed to have an industry specific curriculum aligned to priority workforce needs established by regional workforce boards or FDEO.

According to s. 1003.493(4), F.S., each career and professional academy and secondary school providing a career-themed course must:

1) Provide a rigorous standards-based academic curriculum integrated with a career curriculum;
2) Include one or more partnerships with postsecondary institutions, businesses, industry, employers, economic development organizations or other appropriate partners from the local community;
3) Promote and provide opportunities for students to earn, at a minimum, the Florida Gold Seal Vocational Scholars award pursuant to s. 1009.536, F.S.;
4) Provide instruction in careers designated as high skill, high wage, and high demand by the regional workforce development board, the chamber of commerce, economic development agencies or the FDEO;
5) Deliver academic context through instruction relevant to the applicable career, including intensive reading and mathematics intervention;
6) Offer applied courses that combine academic content with technical skills; and
7) Provide instruction resulting in competency, certification or credentials in workplace skills.

Districts are required to annually register with FDOE career and professional academies and career-themed courses that meet the requirements of s. 1003.493, F.S., during registration windows. Superintendents certify that each registered academy and career-themed course meet all of the requirements in statute. ${ }^{1}$

## Industry Certifications

A key component of this act is a focus on industry certifications that are critical to Florida's employers. Industry certification is defined in Florida Statutes as follows:

Industry certification as used in this section is a voluntary process through which students are assessed by an independent, third-party certifying entity using predetermined standards for knowledge, skills, and competencies, resulting in the award of a credential that is nationally recognized and must be at least one of the following: within an industry that addresses a critical local or statewide economic need; linked to an occupation that is included in the workforce system's targeted occupation list; or linked to an occupation that is identified as emerging. ${ }^{2}$

The act required that FDOE "develop and adopt rules for implementing an industry certification process" as an essential element of implementing the new law. As of the 2014-15 year, the process described in Rule 6A-6.0573, Florida Administrative Code (F.A.C.), includes two stages. In the first stage, CareerSource Florida produces a list of recommended industry certifications that ensure skill proficiency, address emerging labor market and industry needs, and are based on the highest available national standards. This list is reviewed and approved by the CareerSource Florida board and must be annually published according to the requirements of s. 1003.492(2), F.S. This list is published annually on March 1.

[^0]From this list of recommended industry certifications, FDOE develops the CAPE Industry Certification Funding List in the second stage of the process. This list is a subset of the CareerSource Florida Board recommendations and is based on the following criteria.

1) The certification must be achievable by students in a secondary level program.
2) The certification must require a minimum of 150 hours of instruction.

Additionally, the Florida Department of Agriculture and Consumer Services (DOACS) may recommend industry certifications for farm occupations.

## Funding Incentives

For each student enrolled in a registered career-themed course who earns a certification on the CAPE Industry Certification Funding List, the district of instruction may earn add-on full-time equivalent (FTE) student membership for the following year's funding calculation in the Florida Education Finance Program (FEFP). ${ }^{3}$ Certifications earned through dual enrollment are not eligible for additional FTE. The following table provides a summary of the types of fundable certifications, certificates, and courses:

| Type of Certification/ Certificate/Course | Description | Funding Weight |
| :---: | :---: | :---: |
| CAPE Digital Tool Certificates | These are assessments of digital skills in the following areas: word processing; spreadsheets; sound, motion, and color presentations; digital arts; cybersecurity. The certificates are available to students in elementary school and middle school grades. | 0.025 FTE |
| CAPE Industry Certifications | These are industry certifications that do not articulate for college credit or do articulate for up to 14 college credits based on a statewide articulation agreement. ${ }^{4}$ The certifications are available to students in grades 6 through 12. | 0.1 FTE, OR <br> 0.2 FTE for certifications with 114 articulated credits |
| CAPE Acceleration Industry Certifications | These are industry certifications that articulate for 15 or more college credit credits based on a statewide articulation agreement. | 0.5 FTE for certifications with 1529 articulation credits, <br> 1.0 FTE for certifications with 30 or more articulated credits |
| CAPE Innovation Courses | These courses combine academic and career performance outcomes with embedded industry certifications. | 0.3 FTE |

[^1]CAPE Industry Certifications and CAPE Acceleration Industry Certifications must be earned in career-themed courses to be eligible for funding. Funding for CAPE Digital Tool Certificates is not dependent upon enrollment in a career-themed course or academy. For CAPE Innovation Courses, funding is based upon successful completion of the industry certification exam and earning college credit from the academic exam (Advanced Placement for the courses implemented to date).

Elementary and middle school students are capped at 0.1 FTE per fiscal year for the CAPE additional FTE calculation. The 2017-18 activity will be funded with above categories and funding weights in the 2018-19 FEFP.

The 2017-18 FEFP calculation for add-on FTE for industry certifications was based upon 201617 data reporting and funded based upon the funding categories and weights on the 2016-17 CAPE Industry Certification Funding List. For this same year, students enrolled in career-themed courses who earned industry certifications generated 15,355.05 additional FTE in the K-12 funding formula. The estimated value of this FTE in the FEFP calculation is about $\$ 64.6$ million.

## Accountability

An accountability mechanism included in the act requires that the three-year strategic plan must be amended to include specific strategies to improve the passage rate if 50 percent of students taking industry certification exams in a career and professional academy or career-themed course do not pass the exam. The law was amended in 2012, striking requirements related to specific pass rates required to enroll new students in existing courses.

Rule 6A-6.0573, F.A.C., Industry Certification Process, provides for test administration procedures for all written examinations associated with earning industry certifications. To report industry certifications, the following procedures must be followed for all written examinations:

- Exam is not proctored by the individual providing the direct instruction for the industry certification or certificate, except under extremely limited conditions.
- If only one individual is approved by the certifying agency as a proctor, the teacher may proctor the exams and must be independently monitored by a second individual who does not provide direct instruction for the industry certification content to the individuals taking the test(s).
- Exam questions are delivered in a secure manner and paper-based tests are not available to the proctor for an extended period of time.
- Exam is scored by certifying agency (cannot be scored by anyone at the district).
- Exam is administered in accordance with the certifying agency procedures.
- Exam must not have been administered more than 3 times during the academic year with a minimum of 20 days between test administrations.


## Middle School Academies and Career-themed Courses

Changes to the law in 2012 required each school district to plan the development of at least one middle school CAPE academy or career-themed course. ${ }^{5}$ Middle school academies and careerthemed courses must:

1) Be aligned with at least one high school CAPE academy or career-themed course offered in the district and maintain partnerships with local business and industry and economic development boards;
2) Provide instruction in courses leading to careers in occupations designated as high skill, high demand and high wage;
3) Integrate content from core subjects;
4) Integrate career content with intensive reading and mathematics;
5) Maximize opportunities for students to earn high school credit;
6) Provide access to virtual instruction courses;
7) Provide instruction from teachers certified in the career subject matter;
8) Offer externships; and
9) Provide personalized student advisement.

## CAPE Digital Tool Certificates

Sections 1003.4203 and 1008.44, F.S., authorized CAPE Digital Tool Certificates, available to students in elementary and middle grades. These certificates are eligible for an additional 0.025 full-time equivalency (FTE) membership in the Florida Education Finance Program (FEFP). CAPE Digital Tool Certificates are described in s. 1003.4203, F.S., as "targeted skills to be mastered for the certificate include digital skills that are necessary to the student's academic work and skills the student may need in future employment." FDOE is responsible for identifying up to 15 CAPE Digital Tool Certificates for the CAPE Industry Certification Funding List in the areas of word processing; spreadsheets; sound, motion, and color presentations; digital arts; cyber security; and coding each academic year.

For the 2017-18 CAPE Industry Certification Funding List, the State Board of Education approved 15 certificates, of which 13 of these certificates were attempted and earned. These certificates are included in the 2018-19 FEFP calculation.

## CAPE Innovation Courses

Sections 1003.4203 and 1008.44 , F.S., authorize a type of course which combines academic and career content with performance expectations that will result in college credit and industry certification attainment. According to the statutory framework, each approved CAPE Innovation Course must have at least two third-party assessments, one of which must be associated with an industry certification on the CAPE Industry Certification Funding List. These courses are eligible for an additional 0.3 FTE membership in the FEFP.

[^2]All CAPE Innovation Courses that are partnered with AP course content use the current College Board AP course descriptions and require AP teachers to deliver a series of activities that emphasize applied learning of the AP content. The goal of this unique instructional approach is to prepare students for success on AP exams while learning new knowledge and skills associated with CAPE Industry Certifications. The following table lists the 2017-18 CAPE Innovation Courses and performance expectations.

| CAPE Innovation <br> Course | Academic <br> Performance <br> Expectation | Associated CAPE Certification |
| :--- | :--- | :--- |
| AP Microeconomics <br> Innovation | "3" or higher on the <br> AP exam | Microsoft Office Specialist for Excel <br> $(2013$ or later) |
| AP English Language and <br> Composition Innovation | "3" or higher on the <br> AP exam | Microsoft Office Specialist for Word <br> $(2013$ or later) |
| AP Studio Art 2-D Design <br> Portfolio Innovation | "3" or higher on the <br> AP exam | Adobe Certified Associate for Adobe <br> Photoshop (Creative Cloud 2015 or <br> later $)$ |
| AP Computer Science A <br> Innovation | "3" or higher on the <br> AP exam | CIW Javascript Specialist certification |

## Scope

For the purposes of this report, CAPE participants include:

- Students enrolled exclusively in an academy
- Students enrolled exclusively in a career-themed course
- Students enrolled in an academy and a career-themed course

Beginning with the 2013-14 year, only students enrolled in career-themed courses are eligible for add-on FTE student membership for certifications earned. For this reason, in the majority of instances, students are found enrolled in at least one career-themed course. This analysis addresses the following questions.

1) How many career and professional academies and career-themed courses are there, and where are they located?
2) What are the characteristics of CAPE participants?
3) How many and what type of industry certifications have CAPE participants earned?
4) How did CAPE participants perform academically compared to other students?
5) What were the postsecondary and employment placement outcomes for CAPE participant graduates?

## Method

Data were extracted from FDOE Student Information System for academic year 2017-18 (Survey 5 as of November 8, 2018). ${ }^{6}$ Data on career and professional academy characteristics are from

[^3]FDOE academy registration database. Data on employment and postsecondary enrollment were obtained from the Florida Education and Training Placement Information Program (FETPIP). For the purposes of this report, a CAPE participant is a student who was enrolled in a registered career-themed course or an academy. Students reported earning only CAPE Digital Tool Certificates were not included as CAPE participants.

## Findings

## Profile of Career and Professional Academies and Career-themed Courses

In academic year 2017-18, 1,786 high school career and professional academies were registered in Florida, and 1,507 ( 84.4 percent) of these academies reported student enrollments. In 2017-18, there were 246 registered middle school academies, and 138 ( 56.1 percent) of these academies reported student enrollments. All but nine of Florida’s 67 school districts registered at least one career and professional academy with FDOE. The five districts with the most registered academies (high school and middle school) were Miami-Dade (325), Broward (208), Hillsborough (163), Palm Beach (107) and Polk (96).

In academic year 2017-18, 1,222 unique career-themed courses were registered in Florida. All but one of Florida's 67 school districts registered at least one career-themed course with FDOE and there were 470,158 students who were enrolled in at least one career-themed course. The five districts with the most registered courses (which can include duplicate courses at multiple schools) were Miami-Dade (524), Broward (441), Palm Beach (326), Polk (306), and Orange (286). Tables 1a and 1b show the distribution trend of Florida's registered career and professional academies and career-themed courses and enrollment by school district.

Table 1a
CAPE Participants ${ }^{7}$ in Registered Career and Professional Academies and Career-themed Courses by School District, 2017-18 ${ }^{\mathbf{8}}$

| School <br> District | Number of Registered Careerthemed Courses ${ }^{9}$ | Middle School (Gr. 6-8) <br> Career-themed Course <br> Participants ${ }^{10}$ | $\begin{gathered} \text { High School } \\ \text { (Gr. 9-12) } \\ \text { Career-themed } \\ \text { Course } \\ \text { Participants }{ }^{10} \\ \hline \end{gathered}$ | Number of Middle School Academies Registered | Number of High School Academies Registered | Middle School (Gr. 6-8) Academy Participants ${ }^{11}$ | High School (Gr. 9-12) Academy Participants ${ }^{11}$ | Middle <br> School <br> (Gr. 6-8) <br> CAPE <br> Participants $^{12}$ | High School (Gr. 9-12) CAPE <br> Participants ${ }^{12}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alachua | 102 | 872 | 2,848 | 0 | 5 | 0 | 590 | 872 | 2,857 |
| Baker | 30 | 0 | 1,186 | 0 | 4 | 0 | 958 | 0 | 1,214 |
| Bay | 68 | 137 | 3,345 | 0 | 26 | 0 | 875 | 137 | 3,600 |
| Bradford | 48 | 49 | 454 | 0 | 7 | 0 | 130 | 49 | 513 |
| Brevard | 179 | 4,275 | 10,991 | 1 | 12 | 80 | 1,589 | 4,275 | 11,226 |
| Broward | 441 | 6,468 | 42,596 | 23 | 185 | 1,556 | 27,961 | 6,793 | 43,099 |
| Calhoun | 31 | 50 | 448 | 0 | 1 | 0 | 46 | 50 | 450 |
| Charlotte | 99 | 2,177 | 2,404 | 4 | 27 | 2,641 | 1,667 | 3,005 | 2,663 |
| Citrus | 76 | 1 | 2,204 | 0 | 15 | 0 | 1,169 | 1 | 2,541 |
| Clay | 187 | 691 | 6,288 | 7 | 51 | 623 | 5,257 | 724 | 6,382 |
| Collier | 190 | 3,403 | 8,549 | 2 | 23 | 126 | 3,566 | 3,403 | 8,579 |
| Columbia | 94 | 718 | 1,659 | 1 | 21 | 631 | 1,458 | 718 | 1,714 |
| Miami-Dade | 524 | 14,477 | 52,532 | 50 | 275 | 0 | 39,053 | 14,670 | 58,507 |
| DeSoto | 29 | 0 | 544 | 0 | 7 | 0 | 0 | 0 | 544 |
| Dixie | 13 | 0 | 152 | 0 | 4 | 0 | 178 | 0 | 259 |
| Duval | 100 | 260 | 9,290 | 0 | 36 | 0 | 4,262 | 260 | 10,997 |
| Escambia | 179 | 3,942 | 7,127 | 8 | 47 | 5,038 | 6,907 | 6,016 | 8,699 |

[^4]Table 1a
CAPE Participants ${ }^{7}$ in Registered Career and Professional Academies and Career-themed Courses by School District, 2017-18 ${ }^{8}$

| School <br> District | Number of Registered Careerthemed Courses ${ }^{9}$ | Middle School (Gr. 6-8) Career-themed Course Participants ${ }^{10}$ | $\begin{aligned} & \text { High School } \\ & \text { (Gr. 9-12) } \\ & \text { Career-themed } \\ & \text { Course } \\ & \text { Participants }{ }^{10} \\ & \hline \end{aligned}$ | Number of Middle School Academies Registered | Number of <br> High <br> School <br> Academies <br> Registered | Middle <br> School <br> (Gr. 6-8) <br> Academy <br> Participants ${ }^{11}$ | High School (Gr. 9-12) Academy Participants ${ }^{11}$ | Middle School (Gr. 6-8) CAPE Participants ${ }^{12}$ | High School <br> (Gr. 9-12) <br> CAPE <br> Participants ${ }^{12}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Flagler | 45 | 505 | 1,409 | 0 | 0 | 0 | 0 | 505 | 1,409 |
| Franklin | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Gadsden | 28 | 290 | 576 | 0 | 6 | 14 | 546 | 299 | 663 |
| Gilchrist | 41 | 96 | 536 | 2 | 9 | 0 | 1 | 96 | 536 |
| Glades | 2 | 0 | 23 | 0 | 2 | 0 | 0 | 0 | 23 |
| Gulf | 22 | 174 | 212 | 0 | 0 | 0 | 0 | 174 | 212 |
| Hamilton | 25 | 86 | 303 | 0 | 6 | 5 | 275 | 90 | 350 |
| Hardee | 28 | 145 | 864 | 0 | 0 | 0 | 0 | 145 | 864 |
| Hendry | 14 | 210 | 199 | 0 | 9 | 0 | 1,400 | 210 | 1,458 |
| Hernando | 60 | 228 | 2,605 | 0 | 15 | 0 | 554 | 228 | 2,723 |
| Highlands | 41 | 41 | 1,936 | 0 | 0 | 0 | 0 | 41 | 1,936 |
| Hillsborough | 266 | 5,207 | 25,353 | 7 | 156 | 1 | 16,599 | 5,207 | 27,705 |
| Holmes | 28 | 251 | 591 | 0 | 0 | 0 | 0 | 251 | 591 |
| Indian River | 35 | 433 | 2,076 | 4 | 19 | 188 | 3,130 | 615 | 3,171 |
| Jackson | 45 | 553 | 1,252 | 0 | 4 | 0 | 254 | 553 | 1,254 |
| Jefferson | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Lafayette | 29 | 197 | 261 | 0 | 4 | 0 | 247 | 197 | 268 |
| Lake | 111 | 2,917 | 7,345 | 10 | 67 | 430 | 5,360 | 2,920 | 7,393 |
| Lee | 220 | 7,346 | 14,426 | 20 | 63 | 4,753 | 13,552 | 7,897 | 15,489 |
| Leon | 84 | 1,074 | 3,673 | 1 | 9 | 0 | 19 | 1,074 | 3,683 |
| Levy | 25 | 126 | 795 | 0 | 8 | 0 | 342 | 126 | 921 |
| Liberty | 27 | 108 | 326 | 0 | 7 | 10 | 257 | 111 | 354 |
| Madison | 42 | 29 | 454 | 0 | 12 | 0 | 64 | 29 | 482 |
| Manatee | 139 | 2,586 | 7,593 | 0 | 21 | 35 | 5,185 | 2,612 | 9,732 |
| Marion | 145 | 2,807 | 7,100 | 0 | 25 | 0 | 2,357 | 2,807 | 7,380 |
| Martin | 80 | 0 | 2,188 | 0 | 25 | 0 | 2,376 | 0 | 2,807 |
| Monroe | 54 | 344 | 1,173 | 0 | 0 | 0 | 0 | 344 | 1,173 |
| Nassau | 80 | 0 | 1,875 | 0 | 0 | 0 | 0 | 0 | 1,875 |

Table 1a
CAPE Participants ${ }^{7}$ in Registered Career and Professional Academies and Career-themed Courses by School District, 2017-18 ${ }^{8}$

| School <br> District | Number of Registered Careerthemed Courses ${ }^{9}$ | Middle School (Gr. 6-8) Career-themed Course Participants ${ }^{10}$ | High School (Gr. 9-12) Career-themed Course Participants ${ }^{10}$ | Number of Middle School Academies Registered | Number of High School Academies Registered | Middle <br> School <br> (Gr. 6-8) <br> Academy Participants ${ }^{11}$ | High School (Gr. 9-12) Academy Participants ${ }^{11}$ | Middle <br> School <br> (Gr. 6-8) CAPE <br> Participants ${ }^{12}$ | High School <br> (Gr. 9-12) <br> CAPE <br> Participants ${ }^{12}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Okaloosa | 68 | 871 | 2,814 | 0 | 4 | 0 | 0 | 871 | 2,814 |
| Okeechobee | 43 | 0 | 858 | 0 | 2 | 0 | 306 | 0 | 927 |
| Orange | 286 | 10,527 | 27,110 | 7 | 35 | 0 | 0 | 10,527 | 27,110 |
| Osceola | 169 | 317 | 8,419 | 0 | 0 | 0 | 0 | 317 | 8,419 |
| Palm Beach | 326 | 4,020 | 26,510 | 5 | 102 | 809 | 12,435 | 4,486 | 29,859 |
| Pasco | 131 | 513 | 7,619 | 0 | 28 | 496 | 1,499 | 953 | 8,086 |
| Pinellas | 178 | 746 | 9,424 | 22 | 40 | 874 | 9,821 | 874 | 14,181 |
| Polk | 306 | 2,024 | 15,403 | 24 | 72 | 2,486 | 10,840 | 4,077 | 18,068 |
| Putnam | 40 | 342 | 1,228 | 0 | 6 | 0 | 78 | 342 | 1,270 |
| Saint Johns | 135 | 1 | 4,866 | 0 | 19 | 1,340 | 4,979 | 1,341 | 6,025 |
| Saint Lucie | 152 | 1,223 | 6,629 | 0 | 71 | 0 | 2,218 | 1,223 | 7,595 |
| Santa Rosa | 116 | 1,497 | 3,176 | 0 | 0 | 0 | 0 | 1,497 | 3,176 |
| Sarasota | 167 | 99 | 5,336 | 19 | 37 | 2,314 | 3,667 | 2,393 | 5,599 |
| Seminole | 145 | 135 | 10,324 | 3 | 48 | 137 | 10,616 | 140 | 11,279 |
| Sumter | 42 | 41 | 804 | 0 | 10 | 0 | 432 | 41 | 857 |
| Suwannee | 135 | 779 | 1,301 | 5 | 22 | 258 | 993 | 787 | 1,543 |
| Taylor | 19 | 105 | 259 | 2 | 5 | 104 | 195 | 108 | 266 |
| Union | 12 | 30 | 338 | 1 | 11 | 29 | 406 | 30 | 446 |
| Volusia | 142 | 2,500 | 7,912 | 14 | 32 | 0 | 0 | 2,500 | 7,912 |
| Wakulla | 31 | 96 | 926 | 0 | 2 | 0 | 0 | 96 | 926 |
| Walton | 55 | 224 | 906 | 2 | 13 | 178 | 765 | 276 | 1,125 |
| Washington | 12 | 0 | 401 | 0 | 6 | 0 | 284 | 0 | 486 |
| Fl. Schl for Deaf \& Blind | 16 | 0 | 130 | 0 | 0 | 0 | 0 | 0 | 130 |
| Fl. Virtual School | 7 | 3 | 54 | 0 | 0 | 0 | 0 | 3 | 54 |
| FAU Dev Research Schl | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Table 1a
CAPE Participants ${ }^{7}$ in Registered Career and Professional Academies and Career-themed Courses by School District, 2017-18 ${ }^{\mathbf{8}}$

| School <br> District | Number of Registered Careerthemed Courses ${ }^{9}$ | Middle School (Gr. 6-8) Career-themed Course Participants ${ }^{10}$ | $\begin{aligned} & \text { High School } \\ & \text { (Gr. 9-12) } \\ & \text { Career-themed } \\ & \text { Course } \\ & \text { Participants }{ }^{10} \\ & \hline \end{aligned}$ | Number of Middle School Academies Registered | Number of High School Academies Registered | Middle <br> School <br> (Gr. 6-8) <br> Academy <br> Participants ${ }^{11}$ | High School (Gr. 9-12) Academy Participants ${ }^{11}$ | Middle School (Gr. 6-8) CAPE Participants ${ }^{12}$ | High School <br> (Gr. 9-12) <br> CAPE <br> Participants ${ }^{12}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FSU Dev <br> Research Schl | 17 | 1 | 262 | 0 | 3 | 0 | 250 | 1 | 281 |
| FAMU Dev Research Schl | 3 | 1 | 20 | 0 | 0 | 0 | 0 | 1 | 20 |
| UF Dev Research Schl | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 6,861 | 89,368 | 380,790 | 246 | 1,786 | 25,156 | 207,968 | 100,388 | 416,750 |

[^5]Of the 517,138 participants, ninety percent are enrolled in at least one career-themed course. Thirty-six percent of participants enrolled in a career-themed course are also enrolled in at least one academy. Nine percent of CAPE participants are only found enrolled in an academy. Thirtyone percent of CAPE participants attempted at least one industry certification.

Table 1b
CAPE Participants by Grade Level and Type, 2017-18

| Grade Level | Only <br> Registered in Careerthemed Courses ${ }^{13}$ | Only Registered in Academies ${ }^{14}$ | Registered in both Careerthemed courses and Academies ${ }^{15}$ | CAPE <br> Participants ${ }^{16}$ | Cape Participants with at least one Industry Certification Attempt |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 18,559 | 3,454 | 3,289 | 25,302 | 4,850 |
| 7 | 26,065 | 3,089 | 3,950 | 33,104 | 7,346 |
| 8 | 30,607 | 4,477 | 6,898 | 41,982 | 15,913 |
| 9 | 60,716 | 8,169 | 47,467 | 116,352 | 34,971 |
| 10 | 50,703 | 10,986 | 42,967 | 104,656 | 29,293 |
| 11 | 47,245 | 8,797 | 41,826 | 97,868 | 32,863 |
| 12 | 50,118 | 8,008 | 39,748 | 97,874 | 37,048 |
| Total | 284,013 | 46,980 | 186,145 | 517,138 | 162,284 |

Of the 517,138 CAPE Participants, 31.4 percent attempted an industry certification during the year. Table 1c displays the totals by district for all middle and high school students.

Table 1c
CAPE Participants and Industry Certification Attempts by School District, 2017-18

| School <br> District | Middle School <br> (Grades 6-8) <br> CAPE <br> Participation16 | Middle School <br> (Grades 6-8) <br> CAPE <br> Participants <br> with Industry <br> Certification <br> Attempt17 | High School <br> (Grades 9-12) <br> CAPE | High School (Grades 9- <br> 12) CAPE Participants <br> with Industry |
| :--- | :---: | :---: | :---: | :---: |
| Certification Attempt |  |  |  |  |$|$

[^6]| School District | Middle School (Grades 6-8) CAPE <br> Participation16 | Middle School (Grades 6-8) CAPE Participants with Industry Certification Attempt17 | High School (Grades 9-12) CAPE <br> Participation16 | High School (Grades 912) CAPE Participants with Industry Certification Attempt |
| :---: | :---: | :---: | :---: | :---: |
| Bradford | 49 | 13 | 513 | 130 |
| Brevard | 4,275 | 1,105 | 11,226 | 4,444 |
| Broward | 6,793 | 2,048 | 43,099 | 10,826 |
| Calhoun | 50 | 22 | 450 | 249 |
| Charlotte | 3,005 | 1,146 | 2,663 | 527 |
| Citrus | 1 | 0 | 2,541 | 557 |
| Clay | 724 | 506 | 6,382 | 2,331 |
| Collier | 3,403 | 467 | 8,579 | 3,312 |
| Columbia | 718 | 76 | 1,714 | 261 |
| Miami-Dade | 14,670 | 830 | 58,507 | 17,838 |
| DeSoto | 0 | 0 | 544 | 175 |
| Dixie | 0 | 0 | 259 | 98 |
| Duval | 260 | 17 | 10,997 | 1,842 |
| Escambia | 6,016 | 1,686 | 8,699 | 3,111 |
| Flagler | 505 | 305 | 1,409 | 290 |
| Franklin | 0 | 0 | 0 | 0 |
| Gadsden | 299 | 126 | 663 | 223 |
| Gilchrist | 96 | 33 | 536 | 294 |
| Glades | 0 | 0 | 23 | 1 |
| Gulf | 174 | 122 | 212 | 35 |
| Hamilton | 90 | 12 | 350 | 56 |
| Hardee | 145 | 47 | 864 | 155 |
| Hendry | 210 | 160 | 1,458 | 568 |
| Hernando | 228 | 183 | 2,723 | 2,047 |
| Highlands | 41 | 35 | 1,936 | 522 |
| Hillsborough | 5,207 | 655 | 27,705 | 6,144 |
| Holmes | 251 | 123 | 591 | 162 |
| Indian River | 615 | 349 | 3,171 | 1,261 |
| Jackson | 553 | 146 | 1,254 | 580 |
| Jefferson | 0 | 0 | 0 | 0 |
| Lafayette | 197 | 43 | 268 | 132 |
| Lake | 2,920 | 1,831 | 7,393 | 3,371 |
| Lee | 7,897 | 926 | 15,489 | 4,684 |
| Leon | 1,074 | 325 | 3,683 | 1,012 |
| Levy | 126 | 57 | 921 | 380 |
| Liberty | 111 | 46 | 354 | 160 |
| Madison | 29 | 22 | 482 | 161 |


| School <br> District | Middle School <br> (Grades 6-8) <br> CAPE <br> Participation16 | Middle School <br> (Grades 6-8) <br> CAPE <br> Participants <br> with Industry <br> Certification <br> Attempt17 | High School <br> (Grades 9-12) <br> CAPE | High School (Grades 9- <br> 12) CAPE Participants <br> with Industry <br> Certification Attempt |
| :--- | :---: | :---: | :---: | :---: |
| Manatee | 2,612 | 387 | 9,732 | 3,248 |
| Marion | 2,807 | 544 | 7,380 | 1,880 |
| Martin | 0 | 0 | 2,807 | 943 |
| Monroe | 344 | 135 | 1,173 | 224 |
| Nassau | 0 | 0 | 1,875 | 991 |
| Okaloosa | 871 | 777 | 2,814 | 1,750 |
| Okeechobee | 0 | 0 | 927 | 356 |
| Orange | 10,527 | 2,193 | 27,110 | 11,250 |
| Osceola | 317 | 21 | 8,419 | 2,809 |
| Palm Beach | 4,486 | 2,967 | 29,859 | 12,011 |
| Pasco | 953 | 284 | 8,086 | 1,290 |
| Pinellas | 874 | 346 | 14,181 | 3,345 |
| Polk | 4,077 | 895 | 18,068 | 4,740 |
| Putnam | 342 | 74 | 1,270 | 156 |
| Saint Johns | 1,341 | 656 | 6,025 | 1,945 |
| Saint Lucie | 1,223 | 713 | 7,595 | 2,950 |
| Santa Rosa | 1,497 | 920 | 3,176 | 1,671 |
| Sarasota | 2,393 | 1,106 | 5,599 | 2,400 |
| Seminole | 140 | 61 | 11,279 | 4,461 |
| Sumter | 41 | 34 | 857 | 384 |
| Suwannee | 787 | 126 | 1,543 | 536 |
| Taylor | 108 | 63 | 266 | 104 |
| Union | 30 | 30 | 446 | 144 |
| Volusia | 2,500 | 1,605 | 7,912 | 2,098 |
| Wakulla | 96 | 90 | 926 | 431 |
| Walton | 276 | 178 | 1,125 | 442 |
| Washington | 0 | 0 | 486 | 284 |
| FL School <br> for the Deaf <br> and Blind | 0 | 0 | 281 | 27 |
| Florida <br> Virtual <br> School | 3 | 0 | 130 | 2 |
| FSU Dev | 1 | 0 | 54 |  |
| Research <br> Schl |  | 0 |  |  |


| School <br> District | Middle School <br> (Grades 6-8) <br> CAPE <br> Participation16 | Middle School <br> (Grades 6-8) <br> CAPE <br> Participants <br> with Industry <br> Certification <br> Attempt17 | High School <br> (Grades 9-12) <br> CAPE | High School (Grades 9- <br> 12) CAPE Participants <br> with Industry |
| :--- | :---: | :---: | :---: | :---: |
| FAMU <br> Laboratory <br> School | 1 | 0 | 20 | 8 |
| Total | 100,388 | 28,107 | 416,750 | 134,175 |

## Academy Curriculum

The curricular foci of registered academies fall under specific career clusters. A career cluster is a broad group of related occupations based on commonalities in knowledge and skills required to perform job tasks. The most frequent career cluster represented by academies registered in academic year 2017-18 was Information Technology with 202 high school and 99 middle school academies (see Table 2). The second most frequent cluster represented was Arts, A/V technology, and Communication with 242 high school and 17 middle school registered academies.

Table 2
Number of Registered Career and Professional Academies by Career Cluster, 2017-18

| Primary Career Cluster | Number of <br> High School <br> Academies | Number of <br> Middle School <br> Academies |
| :--- | :---: | :---: |
| Arts, A/V Technology \& Communication | 242 | 17 |
| Health Science | 226 | 5 |
| Information Technology | 202 | 99 |
| Hospitality \& Tourism | 201 | 14 |
| Engineering and Technology Education | 185 | 28 |
| Agriculture, Food, and Natural Resources | 140 | 14 |
| Business Management and Administration | 133 | 61 |
| Architecture \& Construction | 92 | 2 |
| Transportation, Distribution \& Logistics | 86 | 0 |
| Education \& Training | 83 | 3 |
| Finance | 50 | 0 |
| Marketing, Sales \& Services | 50 | 0 |
| Law, Public Safety \& Security | 43 | 2 |
| Manufacturing | 40 | 1 |
| Human Services | 9 | 0 |
| Energy | 2 | 0 |


| Primary Career Cluster | Number of <br> High School <br> Academies | Number of <br> Middle School <br> Academies |
| :--- | :---: | :---: |
| Government \& Public Administration | 2 | 0 |
| Total | 1,786 | 246 |

Source: Career and Professional Academy Registration Database

In academic year 2017-18, there were 416,750 CAPE participants in grades 9-12, representing 45.3 percent of the entire high school population. ${ }^{18}$ There were 100,388 CAPE participants in grades 6-8 representing 14.5 percent of the middle school population. The distribution of high school CAPE participants was relatively similar among all grade levels with the highest population in ninth grade. Compared with high school participants, middle school CAPE participants represented less than 19.4 percent of the overall CAPE participants with the highest enrollment in eighth grade (see Table 3).

Figure 1
Percentage of CAPE Participants ${ }^{19}$ by Grade Level, 2017-18


Source: FDOE Student Information System

[^7]Table 3
Percent of CAPE Participants by Grade Level, 2017-18

| School Level | Grade <br> Level | CAPE <br> Participants | Non-CAPE <br> Participants | Total <br> Number of Students | Percent of CAPE <br> Participants by Grade |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Middle School | 6th | 25,302 | 211,966 | 237,268 | 10.7\% |
|  | 7th | 33,104 | 193,684 | 226,788 | 14.6\% |
|  | 8th | 41,982 | 187,100 | 229,082 | 18.3\% |
| High School | 9th | 116,352 | 121,499 | 237,851 | 48.9\% |
|  | 10th | 104,656 | 129,145 | 233,801 | 44.8\% |
|  | 11th | 97,868 | 126,299 | 224,167 | 43.7\% |
|  | 12th | 97,874 | 127,001 | 224,875 | 43.5\% |
| Total |  | 489,032 | 517,138 | 1,096,694 | 32.0\% |

Source: FDOE Student Information System

## Demographic Profile

Table 4 shows that the distribution of CAPE participants (high school and middle school) by race/ethnicity and gender categories was similar to that of non-CAPE participants. Among CAPE participants, more were male ( 53.8 percent) than female ( 46.2 percent). Approximately 40 percent of CAPE participants were White, and the largest minority populations were Hispanic (32.1 percent) and Black (21.5 percent). Compared to CAPE participants, a slightly lower percentage of non-CAPE participants were White ( 38.0 percent), and a slightly higher percentage were Hispanic (33.2 percent) and Black (22.3 percent).

Table 4
Distribution of CAPE Participants ${ }^{20}$ and Non-CAPE Participants ${ }^{21}$ by Gender and Race/Ethnicity, 2017-18

|  | Gender |  | Race/Ethnicity |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CAPE <br> Status | Female | Male | American <br> Indian | Asian | Black | Hispanic | More <br> Than <br> One <br> Race | Pacific <br> Islander | White |
| Participant | $46.2 \%$ | $53.8 \%$ | $0.4 \%$ | $2.7 \%$ | $21.5 \%$ | $32.1 \%$ | $3.1 \%$ | $0.1 \%$ | $40.2 \%$ |
| Non- <br> Participant | $49.9 \%$ | $50.1 \%$ | $0.3 \%$ | $2.8 \%$ | $22.3 \%$ | $33.2 \%$ | $3.3 \%$ | $0.2 \%$ | $38.0 \%$ |

[^8]
## Performance

This section addresses the performance of students enrolled in career and professional academies and career-themed courses. The indicators addressed include the following:

1) The number and percentage of CAPE participants obtaining industry certifications;
2) Cumulative grade point average of CAPE and non-CAPE participants;
3) Student engagement indicators of CAPE and non-CAPE participants, including chronic absenteeism, disciplinary actions and dropout rates; and
4) Postsecondary readiness as indicated by the percentage of CAPE and non-CAPE participation in Advanced Placement and dual enrollment courses and eligibility for Florida Bright Futures Scholarships. ${ }^{22}$

Performance levels on these indicators are reported at the aggregate state-level, summing up all CAPE and non-CAPE participants statewide. Performance levels for schools with CAPE participants can be found in Appendix B.

## Industry Certification

Among the 517,138 CAPE participants, a total of 172,243 industry certifications on the CAPE Industry Certification Funding List were attempted in 2017-18, of which 121,240 were earned, resulting in a pass rate of 70.4 percent. The CAPE Industry Certification Funding List contains 167 different certifications, and at least one CAPE participant earned each of the listed industry certifications. The top three were Microsoft Office Specialist (MOS) Bundle, Adobe Certified Associate (Photoshop), and Certified Food Protection Manager (ServSafe®) (see Table 5a).

Among the 172,243 certification attempts by CAPE participants, certifications weighted 0.1 were most commonly attempted representing 51.2 percent of attempts followed by weight-level 0.2 , which represented 48.7 percent of all certification attempts by CAPE participants.

Table 5a
Industry Certifications Attempted and Earned by CAPE Participants ${ }^{23}$ in 2017-18

| Industry Certification Title | Funding <br> Weight | Certifications <br> Attempted | Certifications <br> Passed | Pass Rate |
| :--- | :---: | :---: | :---: | :---: |
| Microsoft Office Specialist (MOS) Bundle <br> Certification (3 of 6) | 0.2 | 31,607 | 22,490 | $71.2 \%$ |
| Adobe Certified Associate (ACA) - Photoshop <br> (Creative Cloud 2015 or later) | 0.1 | 20,876 | 13,160 | $63.0 \%$ |
| Certified Food Protection Manager (ServSafe®) | 0.2 | 12,358 | 7,693 | $62.3 \%$ |
| Adobe Certified Associate (ACA) - Illustrator | 0.1 | 11,982 | 9,382 | $78.3 \%$ |

[^9]Table 5a
Industry Certifications Attempted and Earned by CAPE Participants ${ }^{23}$ in 2017-18

| Industry Certification Title | Funding <br> Weight | Certifications <br> Attempted | Certifications <br> Passed | Pass Rate |
| :--- | :---: | :---: | :---: | :---: |
| Adobe Certified Associate (ACA) - Premiere Pro | 0.1 | 10,180 | 6,413 | $63.0 \%$ |
| Certified Internet Web (CIW) Internet Business <br> Associate | 0.1 | 9,944 | 7,184 | $72.2 \%$ |
| Adobe Certified Associate (ACA) - InDesign | 0.1 | 9,027 | 6,916 | $76.6 \%$ |
| Adobe Certified Associate (ACA) - <br> Dreamweaver | 0.2 | 7,794 | 5,822 | $74.7 \%$ |
| Agriculture Associate Certification | 0.1 | 5,563 | 4,090 | $73.5 \%$ |
| Autodesk Certified User - Inventor | 0.2 | 5,153 | 3,404 | $66.1 \%$ |
| Certified Medical Administrative Assistant <br> (CMAA) | 0.1 | 3,649 | 2,929 | $80.3 \%$ |
| Adobe Certified Associate (ACA) - <br> Flash/Animate | 0.2 | 3,204 | 1,994 | $62.2 \%$ |
| Autodesk Certified User - AutoCAD | 0.2 | 3,114 | 2,128 | $68.3 \%$ |
| Certified EKG Technician (CET) | 0.1 | 2,895 | 2,726 | $94.2 \%$ |
| Quickbooks Certified User | 0.2 | 2,779 | 1,731 | $62.3 \%$ |
| Certified Internet Web (CIW) Site Development <br> Associate | 0.2 | 2,644 | 2,267 | $85.7 \%$ |
| Certified Nursing Assistant (CNA) | 0.1 | 2,099 | 1,831 | $87.2 \%$ |
| Emergency Medical Responder | 0.1 | 1,959 | 1,647 | $84.1 \%$ |
| Certified Solidworks Associate-Academic <br> (CSWA-Academic) | 0.2 | 1,778 | 1,058 | $59.5 \%$ |
| Agritechnology Specialist Certification | 0.2 | 1,500 | 1,088 | $72.5 \%$ |
| Microsoft Technology Associate (MTA) - <br> Windows OS Fundamentals | 0.1 | 1,226 | 800 | $65.3 \%$ |
| Certified Food Safety Manager | 0.2 | 1,047 | 748 | $71.4 \%$ |
| Florida Automobile Dealers Association (FADA) <br> Certified Technician | 0.1 | 1,021 | 695 | $68.1 \%$ |
| Autodesk Certified User - Revit Architecture | 0.2 | 1,013 | 622 | $61.4 \%$ |
| Child Development Associate (CDA) | 0.2 | 909 | 846 | $93.1 \%$ |
| Small UAS Safety Certification | 0.2 | 833 | 378 | $45.4 \%$ |
| Biotechnician Assistant | 0.2 | 832 | 491 | $59.0 \%$ |
| Toon Boom Certified Associate (Storyboard Pro) | 0.1 | 817 | 449 | $55.0 \%$ |
| Animal Science Specialist Certification | 0.2 | 802 | 551 | $68.7 \%$ |
| NCCER Carpentry - Level 1 (Secondary) | 0.2 | 786 | 608 | $77.4 \%$ |
| Certified Veterinary Assistant (CVA) | 0.2 | 671 | 646 | $96.3 \%$ |
| RECF Pre-Engineering Certification | 0.1 | 612 | 515 | $84.2 \%$ |
| Microsoft Technology Associate (MTA) - <br> Networking Fundamentals | 0.1 | 607 | 210 | $34.6 \%$ |
| Microsoft Technology Associate (MTA) - <br> Security Fundamentals | 0.1 | 521 |  |  |
| Mastercam Associate Certification - Mill Design <br> and Toolpaths | 0.1 | 453 | $65.8 \%$ |  |
| Microsoft Office Specialist Master | 0.2 | 427 | 288 | $67.4 \%$ |
| National ProStart Certificate of Achievement | 0.2 | 384 | $90.6 \%$ |  |

Table 5a
Industry Certifications Attempted and Earned by CAPE Participants ${ }^{23}$ in 2017-18

| Industry Certification Title | Funding <br> Weight | Certifications <br> Attempted | Certifications <br> Passed | Pass Rate |
| :--- | :---: | :---: | :---: | :---: |
| Certified Internet Web (CIW) Network <br> Technology Associate | 0.1 | 408 | 235 | $57.6 \%$ |
| Engineering Core certification | 0.1 | 395 | 316 | $80.0 \%$ |
| Certified Horticulture Professional | 0.2 | 357 | 239 | $66.9 \%$ |
| Certified Patient Care Technician (CPCT) | 0.1 | 328 | 284 | $86.6 \%$ |
| Microsoft Technology Associate (MTA) - <br> Mobility and Devices Fundamentals | 0.2 | 320 | 259 | $80.9 \%$ |
| Microsoft Technology Associate (MTA) - <br> Software Development Fundamentals | 0.1 | 297 | 177 | $59.6 \%$ |
| Modeling \& Simulation (M\&S) Certification | 0.2 | 282 | 195 | $69.1 \%$ |
| Adobe Certified Expert (ACE) - Photoshop | 0.1 | 277 | 211 | $76.2 \%$ |
| Emergency Medical Responder (EMR) | 0.1 | 264 | 247 | $93.6 \%$ |
| Agricultural Biotechnology Specialist <br> Certification | 0.1 | 235 | 155 | $66.0 \%$ |
| Certified Internet Web (CIW) Advanced HTML5 <br> \& CSS3 Specialist | 0.2 | 231 | 189 | $81.8 \%$ |
| Agricultural Mechanics Specialist Certification | 0.1 | 215 | 165 | $76.7 \%$ |
| Toon Boom Certified Associate (Harmony <br> Premium) | 0.1 | 207 | 63 | $30.4 \%$ |
| Certified Welder | 0.1 | 206 | 168 | $81.6 \%$ |
| NCCER Electrical - Level 1 (Secondary) | 0.2 | 204 | 137 | $67.2 \%$ |
| RECF Robotics Certification | 0.1 | 199 | 144 | $72.4 \%$ |
| Adobe Certified Expert (ACE) - InDesign | 0.1 | 189 | 156 | $82.5 \%$ |
| Accredited Legal Professional (ALP) | 0.2 | 188 | 110 | $58.5 \%$ |
| CompTIA A+ | 0.2 | 177 | 110 | $62.1 \%$ |
| Certified Internet Web (CIW) JavaScript <br> Specialist | 0.2 | 168 | 128 | $76.2 \%$ |
| Certified Phlebotomy Technician (CPT) | 0.2 | 164 | 124 | $75.6 \%$ |
| Microsoft Technology Associate (MTA) - <br> Database Administration Fundamentals | 0.2 | 157 | 116 | $73.9 \%$ |
| ASE Auto Maintenance and Light Repair (G1) | 0.2 | 155 | 57 | $36.8 \%$ |
| 911 Public Safety Telecommunicator | 0.2 | 152 | 131 | $86.2 \%$ |
| MSSC Certified Production Technician (CPT) | 0.5 | 150 | 105 | $70.0 \%$ |
| Agricultural Communications Specialist <br> Certification | 0.1 | 126 | 85 | $67.5 \%$ |
| Adobe Certified Expert (ACE) - Premiere Pro | 0.1 | 120 | 48 | $40.0 \%$ |
| Certified Pharmacy Technician (CPhT) | 0.2 | 118 | 76 | $64.4 \%$ |
| NCCER Welding - Level 1 (Secondary) | 0.1 | 116 | 71 | $61.2 \%$ |
| Microsoft Technology Associate (MTA) - <br> HTML5 Application Developer Fundamentals | 0.2 | 114 | 83 | $72.8 \%$ |
| Certified Front Desk Supervisor | 0.1 | 113 | 99 | $87.6 \%$ |
| Autodesk Certified Professional - AutoCAD | 0.2 | 105 | 73 | $69.5 \%$ |
| FAA Ground School | 0.2 | 104 | 76 | $73.1 \%$ |
| NCCER HVAC - Level 1 (Secondary) | 100 | 81 | $81.0 \%$ |  |

Table 5a Industry Certifications Attempted and Earned by CAPE Participants ${ }^{23}$ in 2017-18

| Industry Certification Title | $\begin{array}{c}\text { Funding } \\ \text { Weight }\end{array}$ | $\begin{array}{c}\text { Certifications } \\ \text { Attempted }\end{array}$ | $\begin{array}{c}\text { Certifications } \\ \text { Passed }\end{array}$ | Pass Rate |
| :--- | :---: | :---: | :---: | :---: |
| $\begin{array}{l}\text { Certified Internet Web (CIW) Web Security } \\ \text { Associate }\end{array}$ | 0.1 |  |  | 82 |$]$| $83.7 \%$ |
| :--- |
| Pre-Apprenticeship Certificate Training (PACT), <br> Building Construction Technology |
| NASM Certified Personal Trainer (CPT) |

Table 5a
Industry Certifications Attempted and Earned by CAPE Participants ${ }^{23}$ in 2017-18

| Industry Certification Title | Funding Weight | Certifications Attempted | Certifications Passed | Pass Rate |
| :---: | :---: | :---: | :---: | :---: |
| Water Treatment Plant Operator Level C | 0.1 | 18 | 8 | 44.4\% |
| ASE Automobile/Light Truck Technician: Heating and Air Conditioning (A7) | 0.2 | 18 | 16 | 88.9\% |
| Autodesk Certified Professional - Revit Architecture | 0.2 | 18 | 3 | 16.7\% |
| Wastewater Treatment Plant Operator Level C | 0.1 | 17 | 2 | 11.8\% |
| Aquaculture Technician | 0.1 | 17 | 11 | 64.7\% |
| Oracle Certified Associate (OCA): Java Programmer | 0.2 | 17 | 7 | 41.2\% |
| NCCER Carpentry - Level 2 (Secondary) | 0.1 | 16 | 16 | 100.0\% |
| Air Conditioning Service Technician | 0.2 | 15 | 15 | 100.0\% |
| Certified Internet Web (CIW) Web Foundations Associate | 0.1 | 15 | 10 | 66.7\% |
| Certified Medical Assistant (CMA) | 0.2 | 14 | 6 | 42.9\% |
| Agricultural Unmanned Aircraft Systems Specialist Certification | 0.1 | 14 | 7 | 50.0\% |
| Air to Air Heat Pump Installation Technician | 0.2 | 14 | 14 | 100.0\% |
| Air Conditioning Installation Specialization | 0.2 | 14 | 14 | 100.0\% |
| Autodesk Certified Professional - 3ds Max | 0.1 | 13 | 6 | 46.2\% |
| ASE Medium/Heavy Truck Technician: Brakes (T4) | 0.1 | 13 | 3 | 23.1\% |
| Emergency Medical Technician (EMT) | 0.2 | 13 | 12 | 92.3\% |
| STARS GIS Technician | 0.1 | 13 | 8 | 61.5\% |
| Certified Internet Web (CIW) E-Commerce Specialist | 0.2 | 12 | 1 | 8.3\% |
| HVAC Excellence Employment Ready Electrical | 0.2 | 12 | 12 | 100.0\% |
| NCCER Painting - Level 2 (Secondary) | 0.1 | 11 | 10 | 90.9\% |
| $\begin{aligned} & \text { Mastercam Certified Programmer Mill Level } 1 \\ & \text { (CPgM1) } \end{aligned}$ | 0.1 | 11 | 11 | 100.0\% |
| Avionics Electronics Technician | 0.1 | 11 | 3 | 27.3\% |
| HVAC Excellence EmploymentReady - Air Conditioning | 0.2 | 10 | 10 | 100.0\% |
| ASE Medium/Heavy Truck Technician: Drive Train (T3) | 0.1 | 10 | 1 | 10.0\% |
| Global Logistics Associate (GLA) | 0.2 | 10 | 5 | 50.0\% |
| Certified Drafter - Mechanical | 0.1 | 9 | 8 | 88.9\% |
| Certified Internet Web (CIW) Web Design Specialist | 0.2 | 9 | 2 | 22.2\% |
| Certified Electronic Health Record Specialist (CEHRS) | 0.1 | 9 | 6 | 66.7\% |
| Foodservice Management Professional (FMP) | 0.2 | 9 | 9 | 100.0\% |
| Apple Certified Pro (ACP) - Logic Pro X | 0.1 | 8 | 5 | 62.5\% |
| Cisco Certified Network Associate (CCNA) | 0.2 | 8 | 7 | 87.5\% |
| LEED Green Associate | 0.2 | 8 | 5 | 62.5\% |

Table 5a Industry Certifications Attempted and Earned by CAPE Participants ${ }^{23}$ in 2017-18

| Industry Certification Title | Funding Weight | Certifications Attempted | Certifications Passed | Pass Rate |
| :---: | :---: | :---: | :---: | :---: |
| ASE Medium/Heavy Truck Technician: Diesel Engines (T2) | 0.1 | 7 | 7 | 100.0\% |
| NIMS Machining Level I - CNC Milling: Operations | 0.1 | 6 | 3 | 50.0\% |
| ASE Collision Repair and Refinishing Technician: Non-structural Analysis and Damage Repair (B3) | 0.1 | 6 |  | 0.0\% |
| Adobe Certified Expert (ACE) - Acrobat | 0.1 | 6 | 5 | 83.3\% |
| NCCER Painting - Level 3 (Secondary) | 0.1 | 6 | 6 | 100.0\% |
| NCCER Masonry - Level 2 (Secondary) | 0.1 | 6 | 6 | 100.0\% |
| Certified Internet Web (CIW) Database Design Specialist | 0.2 | 5 | 4 | 80.0\% |
| NCCER Industrial Maintenance Mechanic Level 1 (Secondary) | 0.1 | 5 | 5 | 100.0\% |
| Certified Personal Trainer | 0.1 | 4 |  | 0.0\% |
| ASE Automobile/Light Truck Technician: Engine Repair (A1) | 0.2 | 3 |  | 0.0\% |
| NCCER Masonry - Level 3 (Secondary) | 0.1 | 3 | 3 | 100.0\% |
| NIMS Machining Level I - Drill Press Skills I | 0.2 | 2 | 2 | 100.0\% |
| NCCER Electrical - Level 3 (Secondary) | 0.1 | 2 | 2 | 100.0\% |
| NIMS Machining Level I - Turning Operations: Turning Between Centers | 0.2 | 2 | 2 | 100.0\% |
| Microsoft Certified Solutions Associate (MCSA) <br> - Windows Server 2012 | 0.1 | 2 | 2 | 100.0\% |
| NCCER Electrical - Level 4 (Secondary) | 0.1 | 2 | 2 | 100.0\% |
| Microsoft Certified Trainer (MCT) | 0.1 | 2 | 2 | 100.0\% |
| ASE Automobile Service Consultant (C1) | 0.1 | 2 |  | 0.0\% |
| NCCER Plumbing - Level 1 (Secondary) | 0.1 | 1 |  | 100.0\% |
| Precision Sheetmetal Operator - Level I (PSMO) | 0.2 | 1 | 1 | 100.0\% |
| Certified Internet Web (CIW) Web Design Professional | 0.1 | 1 | 1 | 100.0\% |
| NCCER Electronic Systems Technician - Level 2 (Secondary) | 0.1 | 1 | 1 | 100.0\% |
| CompTIA Linux+ | 0.2 | 1 | 1 | 100.0\% |
| ASE Medium/Heavy Truck Technician: Preventive Maintenance Inspection (PMI) (T8) | 0.1 | 1 | 1 | 100.0\% |
| Certified Internet Web (CIW) Web Development Professional | 0.1 | 1 | 1 | 100.0\% |
| Chief Architect User Certification | 0.1 | 1 | 1 | 100.0\% |
| NCCER Plumbing - Level 2 (Secondary) | 0.1 | 1 | 1 | 100.0\% |
| Total- Weight of 0.1 |  | 88,274 | 63,041 | 71.4\% |
| Total- Weight of 0.2 |  | 83,819 | 58,100 | 69.3\% |
| Total- Weight of 0.5 |  | 150 | 105 | 70.0\% |
| Total- All Certifications |  | 172,243 | 121,246 | 70.4\% |

CAPE Digital Tool Certificates may be earned by elementary and middle school students. There were 60,840 digital tool attempts in 2017-18 of which 40,947 were earned, resulting in a pass rate of 67.3 percent. Unlike industry certifications, funding weights for Digital Tool Certificates are set at 0.025 for all certificates.

Table 5b
CAPE Digital Tool Certificates Attempted and Earned in 2017-18

| Industry Certification Title | Certificates <br> Attempted | Certificates <br> Passed | Pass Rate |
| :--- | :---: | :---: | :---: |
| IC3 Spark | 18,138 | 12,977 | $71.5 \%$ |
| IC3 - Living Online | 9,431 | 4,188 | $44.4 \%$ |
| ICT - Multimedia Essentials | 8,471 | 6,978 | $82.4 \%$ |
| IC3 - Key Applications | 7,177 | 4,978 | $69.4 \%$ |
| IC3 - Computing Fundamentals | 3,986 | 1,083 | $27.2 \%$ |
| ICT - Gaming Essentials | 2,905 | 2,575 | $80.6 \%$ |
| ICT - Database Essentials | 2,343 | 1,250 | $77.4 \%$ |
| ICT - Web Design Essentials | 2,122 | 1,799 | $77.2 \%$ |
| Microsoft Office Specialist: Word | 1,878 | 1,637 | $87.2 \%$ |
| ICT - Programming \& Logic <br> Essentials | 685 | 310 | $45.3 \%$ |
| Microsoft Office Specialist: Excel | 470 | 326 | $69.4 \%$ |
| Adobe Certified Associate (ACA) - <br> Photoshop | 37 | 37 | $100.0 \%$ |
| AGSPACE Certification for GIS <br> Beginners | 60,840 | 40,947 | $67.3 \%$ |
| Total- All Certificates |  |  |  |

Source: FDOE Student Information System
The higher the grade level of CAPE participants, the greater the number of industry certifications earned. The largest percentage of certifications (49.7 percent) were earned by eleventh and twelfth grade students. Almost twenty-seven percent of industry certifications earned by CAPE participants were awarded to twelfth graders (see Table 6a). Among ninth-graders, 25,971 certifications were earned, representing 21.4 percent of total certifications reported. The progression in the number of certifications as grade level increases is expected given the time and training required to earn industry certifications.

## Table 6a <br> Industry Certifications Earned by Grade Level of CAPE Participants ${ }^{\mathbf{2 4}, ~ 2017-18}$

| Grade Level | CAPE Industry <br> Certifications <br> Earned | CAPE <br> Acceleration <br> Industry <br> Certifications <br> Earned | Total CAPE <br> Certifications <br> Earned | Percent |
| :---: | :---: | :---: | :---: | :---: |
| 6 | 182 | 0 | 182 | $0.2 \%$ |
| 7 | 2,549 | 0 | 2,549 | $2.1 \%$ |
| 8 | 9,448 | 1 | 9,449 | $7.8 \%$ |
| 9 | 25,969 | 2 | 25,971 | $21.4 \%$ |
| 10 | 22,860 | 32 | 22,892 | $18.9 \%$ |
| 11 | 27,635 | 38 | 27,673 | $22.8 \%$ |
| 12 | 32,498 | 32 | 32,530 | $26.8 \%$ |
| Total | 121,141 | 105 | 121,246 | $100.0 \%$ |

Source: FDOE Student Information System
The higher the grade level, the greater the number of Digital Tools earned. Elementary grade students (grades one through five) earned a total of 1,197 Digital Tools. Students in middle school grades earned a total of 39,750 Digital Tools, with students in the seventh grade (34.5 percent) earning the most at 14,117 Digital Tools.

## Table 6b

CAPE Digital Tools Earned by Grade Level of Student, 2017-18 ${ }^{25}$

| Grade Level | CAPE Digital Tools <br> Earned | Percent |
| :---: | :---: | :---: |
| 4 | 41 | $0.1 \%$ |
| 5 | 1,155 | $2.8 \%$ |
| 6 | 13,125 | $32.1 \%$ |
| 7 | 14,117 | $34.5 \%$ |
| 8 | 12,508 | $30.5 \%$ |
| Total | 40,947 | $100.0 \%$ |

Source: FDOE Student Information System
Table 7a shows the distribution of earned certifications by school district. Miami Dade reported the highest number of reported certifications with 14,633 , which represented 12.1 percent of all certifications reported in the state for CAPE participants. Second highest was Palm Beach with 13,000 certifications, or 10.7 percent; followed by Broward with 10,818 certifications, or 8.9 percent. The 123,791 industry certifications earned by CAPE participants represent 97.9 percent

[^10]of the 123,791 certifications earned in 2017-18. Non-CAPE participants earned 2,551 industry certifications representing 2.1 percent of the total number of certifications earned.

Table 7a
Industry Certifications Earned by CAPE Participants ${ }^{26}$ by School District and School Level, 2017-18

| District | Certifications <br> Earned by <br> High School <br> Students | \% of <br> High <br> School | Certifications <br> Earned by <br> Middle School <br> Students | \% of <br> Middle <br> School | Total <br> Certifications <br> Earned | \% of Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Alachua | 1,140 | $1.0 \%$ | 399 | $3.3 \%$ | 1,539 | $1.3 \%$ |
| Baker | 302 | $0.3 \%$ | 0 | $0.0 \%$ | 302 | $0.2 \%$ |
| Bay | 943 | $0.9 \%$ | 28 | $0.2 \%$ | 971 | $0.8 \%$ |
| Bradford | 130 | $0.1 \%$ | 5 | $<1 \%$ | 135 | $0.1 \%$ |
| Brevard | 2,979 | $2.7 \%$ | 208 | $1.7 \%$ | 3,187 | $2.6 \%$ |
| Broward | 10,310 | $9.5 \%$ | 508 | $4.2 \%$ | 10,818 | $8.9 \%$ |
| Calhoun | 239 | $0.2 \%$ | 13 | $0.1 \%$ | 252 | $0.2 \%$ |
| Charlotte | 584 | $0.5 \%$ | 137 | $1.1 \%$ | 721 | $0.6 \%$ |
| Citrus | 417 | $0.4 \%$ | 0 | $0.0 \%$ | 417 | $0.3 \%$ |
| Clay | 2,191 | $2.0 \%$ | 432 | $3.5 \%$ | 2,623 | $2.2 \%$ |
| Collier | 2,246 | $2.1 \%$ | 278 | $2.3 \%$ | 2,524 | $2.1 \%$ |
| Columbia | 282 | $0.3 \%$ | 7 | $0.1 \%$ | 289 | $0.2 \%$ |
| Miami-Dade | 14,167 | $13.0 \%$ | 466 | $3.8 \%$ | 14,633 | $12.1 \%$ |
| DeSoto | 222 | $0.2 \%$ | 0 | $0.0 \%$ | 222 | $0.2 \%$ |
| Dixie | 70 | $0.1 \%$ | 0 | $0.0 \%$ | 70 | $0.1 \%$ |
| Duval | 1,193 | $1.1 \%$ | 6 | $<1 \%$ | 1,199 | $1.0 \%$ |
| Escambia | 2,904 | $2.7 \%$ | 690 | $5.7 \%$ | 3,594 | $3.0 \%$ |
| Flagler | 208 | $0.2 \%$ | 125 | $1.0 \%$ | 333 | $0.3 \%$ |
| Franklin | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Gadsden | 217 | $0.2 \%$ | 72 | $0.6 \%$ | 289 | $0.2 \%$ |
| Gilchrist | 278 | $0.3 \%$ | 20 | $0.2 \%$ | 298 | $0.2 \%$ |
| Glades | 1 | $<1 \%$ | 0 | $0.0 \%$ | 1 | $0.0 \%$ |
| Gulf | 35 | $0.0 \%$ | 2 | $<1 \%$ | 37 | $0.0 \%$ |
| Hamilton | 43 | $0.0 \%$ | 4 | $<1 \%$ | 47 | $0.0 \%$ |
| Hardee | 142 | $0.1 \%$ | 47 | $0.4 \%$ | 189 | $0.2 \%$ |
| Hendry | 467 | $0.4 \%$ | 7 | $0.1 \%$ | 474 | $0.4 \%$ |
| Hernando | 1,138 | $1.0 \%$ | 133 | $1.1 \%$ | 1,271 | $1.0 \%$ |
| Highlands | 370 | $0.3 \%$ | 23 | $0.2 \%$ | 393 | $0.3 \%$ |
|  |  |  |  |  |  |  |
|  |  |  | 20 | 0 | 0 |  |

${ }^{26}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.

Table 7a
Industry Certifications Earned by CAPE Participants ${ }^{26}$ by School District and School Level, 2017-18

| District | Certifications <br> Earned by <br> High School <br> Students | \% of <br> High <br> School | Certifications <br> Earned by <br> Middle School <br> Students | \% of <br> Middle <br> School | Total <br> Certifications <br> Earned | \% of Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Hillsborough | 6,036 | $5.5 \%$ | 433 | $3.6 \%$ | 6,469 | $5.3 \%$ |
| Holmes | 112 | $0.1 \%$ | 27 | $0.2 \%$ | 139 | $0.1 \%$ |
| Indian River | 614 | $0.6 \%$ | 50 | $0.4 \%$ | 664 | $0.5 \%$ |
| Jackson | 524 | $0.5 \%$ | 83 | $0.7 \%$ | 607 | $0.5 \%$ |
| Jefferson | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Lafayette | 134 | $0.1 \%$ | 30 | $0.2 \%$ | 164 | $0.1 \%$ |
| Lake | 2,597 | $2.4 \%$ | 517 | $4.2 \%$ | 3,114 | $2.6 \%$ |
| Lee | 4,269 | $3.9 \%$ | 323 | $2.7 \%$ | 4,592 | $3.8 \%$ |
| Leon | 866 | $0.8 \%$ | 215 | $1.8 \%$ | 1,081 | $0.9 \%$ |
| Levy | 454 | $0.4 \%$ | 54 | $0.4 \%$ | 508 | $0.4 \%$ |
| Liberty | 147 | $0.1 \%$ | 38 | $0.3 \%$ | 185 | $0.2 \%$ |
| Madison | 156 | $0.1 \%$ | 3 | $<1 \%$ | 159 | $0.1 \%$ |
| Manatee | 2,614 | $2.4 \%$ | 218 | $1.8 \%$ | 2,832 | $2.3 \%$ |
| Marion | 1,257 | $1.2 \%$ | 144 | $1.2 \%$ | 1,401 | $1.2 \%$ |
| Martin | 735 | $0.7 \%$ | 0 | $0.0 \%$ | 735 | $0.6 \%$ |
| Monroe | 196 | $0.2 \%$ | 30 | $0.2 \%$ | 226 | $0.2 \%$ |
| Nassau | 1,085 | $1.0 \%$ | 0 | $0.0 \%$ | 1,085 | $0.9 \%$ |
| Okaloosa | 1,628 | $1.5 \%$ | 487 | $4.0 \%$ | 2,115 | $1.7 \%$ |
| Okeechobee | 311 | $0.3 \%$ | 0 | $0.0 \%$ | 311 | $0.3 \%$ |
| Orange | 8,887 | $8.1 \%$ | 1201 | $9.9 \%$ | 10,088 | $8.3 \%$ |
| Osceola | 1,788 | $1.6 \%$ | 0 | $0.0 \%$ | 1,788 | $1.5 \%$ |
| Palm Beach | 10,244 | $9.4 \%$ | 2756 | $22.6 \%$ | 13,000 | $10.7 \%$ |
| Pasco | 1,131 | $1.0 \%$ | 199 | $1.6 \%$ | 1,330 | $1.1 \%$ |
| Pinellas | 2,639 | $2.4 \%$ | 261 | $2.1 \%$ | 2,900 | $2.4 \%$ |
| Polk | 3,020 | $2.8 \%$ | 166 | $1.4 \%$ | 3,186 | $2.6 \%$ |
| Putnam | 140 | $0.1 \%$ | 67 | $0.6 \%$ | 207 | $0.2 \%$ |
| Saint Johns | 1,636 | $1.5 \%$ | 0 | $0.0 \%$ | 1,636 | $1.3 \%$ |
| Saint Lucie | 2,319 | $2.1 \%$ | 89 | $0.7 \%$ | 2,408 | $2.0 \%$ |
| Santa Rosa | 1,320 | $1.2 \%$ | 469 | $3.9 \%$ | 1,789 | $1.5 \%$ |
| Sarasota | 1,914 | $1.8 \%$ | 47 | $0.4 \%$ | 1,961 | $1.6 \%$ |
| Seminole | 3,396 | $3.1 \%$ | 42 | $0.3 \%$ | 3,438 | $2.8 \%$ |
| Sumter | 297 | $0.3 \%$ | 6 | $<1 \%$ | 303 | $0.2 \%$ |
| Suwannee | 455 | $0.4 \%$ | 100 | $0.8 \%$ | 555 | $0.5 \%$ |
| Taylor | 117 | $0.1 \%$ | 63 | $0.5 \%$ | 180 | $0.1 \%$ |
| Union | 163 | $0.1 \%$ | 30 | $0.2 \%$ | 193 | $0.2 \%$ |
|  |  |  |  |  |  |  |

Table 7a
Industry Certifications Earned by CAPE Participants ${ }^{26}$ by School District and School Level, 2017-18

| District | Certifications <br> Earned by <br> High School <br> Students | \% of <br> High <br> School | Certifications <br> Earned by <br> Middle School <br> Students | \% of <br> Middle <br> School | Total <br> Certifications <br> Earned | \% of Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Volusia | 1,455 | $1.3 \%$ | 176 | $1.4 \%$ | 1,631 | $1.3 \%$ |
| Wakulla | 413 | $0.4 \%$ | 79 | $0.6 \%$ | 492 | $0.4 \%$ |
| Walton | 330 | $0.3 \%$ | 165 | $1.4 \%$ | 495 | $0.4 \%$ |
| Washington | 361 | $0.3 \%$ | 0 | $0.0 \%$ | 361 | $0.3 \%$ |
| FL School <br> Deaf and Blind | 4 | $<1 \%$ | 0 | $0.0 \%$ | 4 | $0.0 \%$ |
| Florida Virtual <br> School | 2 | $<1 \%$ | 1 | $<1 \%$ | 3 | $0.0 \%$ |
| FSU Dev <br> Research <br> School | 74 | $0.1 \%$ | 0 | $0.0 \%$ | 74 | $0.1 \%$ |
| FAMU <br> Laboratory <br> School | 8 | $<1 \%$ | 1 | $<1 \%$ | 9 | $0.0 \%$ |
| State Total | 109,066 | $100.0 \%$ | 12,179 | $100.0 \%$ | 121,237 | $100.0 \%$ |

Source: FDOE Student Information System

Most students (86.4 percent) earned one industry certification during 2017-18, as shown in Table 7 b . The remaining 14,320 students earned more than one industry certification, with 21 students earning at least eight.

Table 7b
Number of CAPE Participants who Earned Industry Certification by Count Earned, 2017-18

| Count of Certifications Earned | Number of Students |
| :---: | :---: |
| 1 | 90,791 |
| 2 | 11,997 |
| 3 | 1,658 |
| 4 | 480 |
| 5 | 86 |
| 6 | 73 |
| 7 | 5 |
| 8 | 13 |
| 9 | 2 |
| 10 | 1 |
| 12 | 4 |
| 14 | 1 |

Table 7c shows the distribution of earned CAPE Digital Tool Certificates by school district. Of Florida's 67 school districts, 45 reported students earning digital tool certificates. St. Johns reported the highest number of reported digital tools with 5,387, which represented 12.8 percent of all digital tool certificates reported. Second highest was Seminole with 5,135 digital tool certificates, or 12.2 percent; followed by Broward with 3,349 digital tool certificates, or 8.0 percent.

Table 7c
CAPE Digital Tool Certificates Earned by School District and School Level, 2017-18

| District | Certificates <br> Earned by <br> Elementary <br> School <br> Students <br> (Grades K-5) | \% of <br> Elementary <br> School | Certificates <br> Earned by <br> Middle School <br> Students <br> (Grades 6-8) | \% of Middle <br> School | Total <br> Certificates <br> Earned | \% of Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Alachua | 18 | $0.9 \%$ | 296 | $0.7 \%$ | 314 | $0.7 \%$ |
| Baker | 0 | $0.0 \%$ | 239 | $0.6 \%$ | 239 | $0.6 \%$ |
| Bay | 0 | $0.0 \%$ | 360 | $0.9 \%$ | 360 | $0.9 \%$ |
| Bradford | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Brevard | 0 | $0.0 \%$ | 1,073 | $2.7 \%$ | 1,073 | $2.6 \%$ |
| Broward | 75 | $3.6 \%$ | 3,274 | $8.2 \%$ | 3,349 | $8.0 \%$ |
| Calhoun | 0 | $0.0 \%$ | 31 | $0.1 \%$ | 31 | $0.1 \%$ |
| Charlotte | 0 | $0.0 \%$ | 948 | $2.4 \%$ | 948 | $2.3 \%$ |
| Citrus | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Clay | 0 | $0.0 \%$ | 1,079 | $2.7 \%$ | 1,079 | $2.6 \%$ |
| Collier | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Columbia | 0 | $0.0 \%$ | 15 | $0.0 \%$ | 15 | $0.0 \%$ |
| Miami-Dade | 0 | $0.0 \%$ | 247 | $0.6 \%$ | 247 | $0.6 \%$ |
| DeSoto | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Dixie | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Duval | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Escambia | 0 | $0.0 \%$ | 862 | $2.2 \%$ | 862 | $2.1 \%$ |
| Flagler | 11 | $0.5 \%$ | 514 | $1.3 \%$ | 525 | $1.2 \%$ |
| Franklin | 0 | $0.0 \%$ | 17 | $0.0 \%$ | 17 | $0.0 \%$ |
| Gadsden | 0 | $0.0 \%$ | 78 | $0.2 \%$ | 78 | $0.2 \%$ |
| Gilchrist | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Glades | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Gulf | 0 | $0.0 \%$ | 175 | $0.4 \%$ | 175 | $0.4 \%$ |
| Hamilton | 0 | $0.0 \%$ | 3 | $0.0 \%$ | 3 | $0.0 \%$ |
| Hardee | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Hendry | 0 | $0.0 \%$ | 271 | $0.7 \%$ | 271 | $0.6 \%$ |
| Hernando | 70 | $3.3 \%$ | 822 | $2.1 \%$ | 892 | $2.1 \%$ |
| Highlands | 0 | $0.0 \%$ | 386 | $1.0 \%$ | 386 | $0.9 \%$ |
|  |  |  |  |  |  |  |

Table 7c
CAPE Digital Tool Certificates Earned by School District and School Level, 2017-18

| District <br> Earned by <br> Elementary <br> School <br> Students <br> (Grades K-5) | \% of <br> Elementary <br> School | Certificates <br> Earned by <br> Middle School <br> Students <br> (Grades 6-8) | \% of Middle <br> School | Total <br> Certificates <br> Earned | \% of Total |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Hillsborough | 27 | $1.3 \%$ | 874 | $2.2 \%$ | 901 | $2.1 \%$ |
| Holmes | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Indian River | 0 | $0.0 \%$ | 449 | $1.1 \%$ | 449 | $1.1 \%$ |
| Jackson | 0 | $0.0 \%$ | 50 | $0.1 \%$ | 50 | $0.1 \%$ |
| Jefferson | 0 | $0.0 \%$ | 3 | $0.0 \%$ | 3 | $0.0 \%$ |
| Lafayette | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Lake | 0 | $0.0 \%$ | 2,384 | $6.0 \%$ | 2,384 | $5.7 \%$ |
| Lee | 0 | $0.0 \%$ | 487 | $1.2 \%$ | 487 | $1.2 \%$ |
| Leon | 0 | $0.0 \%$ | 1,170 | $2.9 \%$ | 1,170 | $2.8 \%$ |
| Levy | 0 | $0.0 \%$ | 29 | $0.1 \%$ | 29 | $0.1 \%$ |
| Liberty | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Madison | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Manatee | 0 | $0.0 \%$ | 245 | $0.6 \%$ | 245 | $0.6 \%$ |
| Marion | 0 | $0.0 \%$ | 579 | $1.5 \%$ | 579 | $1.4 \%$ |
| Martin | 392 | $18.6 \%$ | 68 | $0.2 \%$ | 460 | $1.1 \%$ |
| Monroe | 2 | $0.1 \%$ | 184 | $0.5 \%$ | 186 | $0.4 \%$ |
| Nassau | 0 | $0.0 \%$ | 641 | $1.6 \%$ | 641 | $1.5 \%$ |
| Okaloosa | 0 | $0.0 \%$ | 515 | $1.3 \%$ | 515 | $1.2 \%$ |
| Okeechobee | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Orange | 906 | $43.1 \%$ | 1,426 | $3.6 \%$ | 2,332 | $5.6 \%$ |
| Osceola | 0 | $0.0 \%$ | 346 | $0.9 \%$ | 346 | $0.8 \%$ |
| Palm Beach | 0 | $0.0 \%$ | 178 | $0.4 \%$ | 178 | $0.4 \%$ |
| Pasco | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Pinellas | 62 | $2.9 \%$ | 2,474 | $6.2 \%$ | 2,536 | $6.0 \%$ |
| Polk | 0 | $0.0 \%$ | 790 | $2.0 \%$ | 790 | $1.9 \%$ |
| Putnam | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Saint Johns | 0 | $0.0 \%$ | 5,387 | $13.5 \%$ | 5,387 | $12.8 \%$ |
| Saint Lucie | 4 | $0.2 \%$ | 675 | $1.7 \%$ | 679 | $1.6 \%$ |
| Santa Rosa | 0 | $0.0 \%$ | 326 | $0.8 \%$ | 326 | $0.8 \%$ |
| Sarasota | 391 | $18.6 \%$ | 877 | $2.2 \%$ | 1,268 | $3.0 \%$ |
| Seminole | 0 | $0.0 \%$ | 5,135 | $12.9 \%$ | 5,135 | $12.2 \%$ |
| Sumter | 0 | $0.0 \%$ | 96 | $0.2 \%$ | 96 | $0.2 \%$ |
| Suwannee | 0 | $0.0 \%$ | 32 | $0.1 \%$ | 32 | $0.1 \%$ |
| Taylor | 0 | $0.0 \%$ | 52 | $0.1 \%$ | 52 | $0.1 \%$ |
|  |  |  |  |  |  |  |

Table 7c
CAPE Digital Tool Certificates Earned by School District and School Level, 2017-18

| District | Certificates <br> Earned by <br> Elementary <br> School <br> Students <br> (Grades K-5) | \% of <br> Elementary <br> School | Certificates <br> Earned by <br> Middle School <br> Students <br> (Grades 6-8) | \% of Middle <br> School | Total <br> Certificates <br> Earned | \% of Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Union | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Volusia | 61 | $2.9 \%$ | 3,164 | $7.9 \%$ | 3,225 | $7.7 \%$ |
| Wakulla | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| Walton | 0 | $0.0 \%$ | 424 | $1.1 \%$ | 424 | $1.0 \%$ |
| Washington | 0 | $0.0 \%$ | 0 | $0.0 \%$ | 0 | $0.0 \%$ |
| FAU Lab <br> School | 84 | $4.0 \%$ | 0 | $0.0 \%$ | 84 | $0.2 \%$ |
| FSU Dev <br> Research Schl | 0 | $0.0 \%$ | 163 | $0.4 \%$ | 163 | $0.4 \%$ |
| State Total | 2,103 | $100.0 \%$ | 39,913 | $100.0 \%$ | 42,016 | $100.0 \%$ |

Source: FDOE Student Information System

## CAPE Participant Secondary Engagement

## Grade Point Average (GPA)

Middle school CAPE participants in 2017-18 had a higher average cumulative GPA compared to the non-CAPE middle school population (see Table 8). High school CAPE participants had a higher average GPA than non-CAPE participants across all grade levels 9 through 12.

Table 8
Average Cumulative Grade Point Average of CAPE Participants ${ }^{27}$ and Non-CAPE Participants ${ }^{28}$ by Grade Level, 2017-18

| School <br> Level | Grade <br> Level | CAPE <br> Participants: <br> GPA | Non-CAPE <br> Participants: <br> GPA |
| :---: | :---: | :---: | :---: |
|  | 6 | 2.99 | 2.91 |
|  | 7 | 3.04 | 2.95 |
|  | 8 | 3.08 | 2.94 |
| High <br> School | 9 | 2.73 | 2.68 |
|  | 10 | 2.76 | 2.65 |
|  | 11 | 2.83 | 2.74 |
| All Grades |  | 2.89 | 2.87 |

Source: FDOE Student Information System

[^11]
## Student Engagement

Career and professional academies and career-themed courses were conceived as a way to offer a relevant curriculum to students. Student engagement can be measured through rates of absenteeism, disciplinary actions, graduation and dropping out of school. Middle school CAPE participants were slightly less likely to be chronically absent than non-CAPE middle school participants (see Table 9). ${ }^{29}$ Among high schools students, which represents the vast majority of CAPE participants, chronic absenteeism was less prevalent than among non-CAPE participants across grades 9 through 12 .

Table 9
Percentage of CAPE Participants ${ }^{30}$ and Non-CAPE Participants ${ }^{31}$ Chronically Absent by Grade Level, 2017-18

| School Level | Grade Level | CAPE <br> Participants: Chronically Absent | Non-CAPE <br> Participants: <br> Chronically Absent |
| :---: | :---: | :---: | :---: |
| Middle School | 6 | 7.9\% | 8.8\% |
|  | 7 | 9.5\% | 10.4\% |
|  | 8 | 10.7\% | 12.1\% |
| High School | 9 | 12.2\% | 13.1\% |
|  | 10 | 14.4\% | 16.2\% |
|  | 11 | 16.9\% | 18.5\% |
|  | 12 | 22.9\% | 24.7\% |

Source: FDOE Student Information System

[^12]There is no consistent pattern when comparing the incidence of disciplinary actions between CAPE participants and non-CAPE students across grade levels. Overall CAPE participants were slightly less likely than non-CAPE students to have had disciplinary actions taken against them.

Table 10

## Percentage of CAPE Participants ${ }^{32}$ and Non-CAPE Participants ${ }^{33}$ with Reported Disciplinary Actions by Grade Level, 2017-18

$\left.$|  | CAPE <br> School <br> Level | Grade <br> Level | Non-CAPE <br> Participants: At <br> Least One <br> Disciplinary <br> Action |
| :---: | :---: | :---: | :---: | | Participants: At |
| :---: |
| Least One |
| Disciplinary |
| Action | \right\rvert\,

Source: FDOE Student Information System

[^13]CAPE participants were less likely to drop out than non-CAPE students, and CAPE participating seniors were more likely to graduate with a standard diploma than non-CAPE seniors. Among CAPE participating twelfth graders, 91.2 percent graduated with a standard diploma compared to 72.2 percent among non-CAPE twelfth graders. The one-year dropout rate for academy students in grades 9-12 ( 0.6 percent) was 1.7 percentage points lower than that of non-CAPE students (see Table 11) and was lower across all grade levels.

Table 11
Percentage of CAPE Participants ${ }^{34}$ and Non-CAPE Participants ${ }^{35}$ Who Dropped Out by Grade Level, 2017-18

| School <br> Level | Grade <br> Level | CAPE <br> Participants: <br> Dropout Rate | Non-CAPE <br> Participants: <br> Dropout Rate |
| :---: | :---: | :---: | :---: |
| High <br> School | 9 | 0.4\% | 1.6\% |
|  | 10 | 0.6\% | 2.0\% |
|  | 11 | 0.7\% | 2.3\% |
|  | 12 | 0.9\% | 3.5\% |
| All Grades |  | 0.6\% | 2.4\% |

Source: FDOE Student Information System

## CAPE Participant Outcomes

## Postsecondary Readiness and Employment

An important goal of the CAPE Act is to prepare students for postsecondary education by making them ready for the academic and technical work and giving them opportunities to earn postsecondary credit while in high school. An indicator of postsecondary readiness is enrollment in accelerated courses (i.e., Advanced Placement, dual enrollment, International Baccalaureate, and Advanced International Certificate of Education courses). Among CAPE participating high school students, 39.0 percent took one or more accelerated courses during the 2017-18 academic year. In comparison, the percentage for non-CAPE participant high school students was 34.9 percent.

Another indicator of readiness for success in postsecondary education is eligibility for the Florida Bright Futures Scholarship. The eligibility rates for 2016-17 graduates are examined in table 14, as 2017-18 data were not available at the time this report was published.

[^14]
## Post-Graduation Outcomes

Placement data for the 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17 graduate cohorts of CAPE participants and industry certification earners was available. These cohorts indicate that graduates who were CAPE participants and earned industry certifications are more likely to have been placed than the average CAPE participant graduate (see Table 12). ${ }^{36}$ Because industry certification earners appear in the CAPE participant cohort and vice versa, firm conclusions cannot be drawn through this analysis alone, but the data do suggest that CAPE participation and, more clearly, industry certification, are correlated with and possibly influence positive postgraduation placement. Data for all high school graduates were not available at the time this report was published.

Table 12
Placement Rates of Various Cohorts of CAPE Participants ${ }^{37}$ and Industry Certification Earner Graduates Compared to All High School Graduates

| Year | High School Graduate Cohort | Found Employed in Postsecondary Education |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Fall 2013 | Fall 2014 | Fall 2015 | Fall 2016 | Fall 2017 |
|  | All High School Graduates | 79.7\% | 79.8\% | 78.3\% | 76.6\% | 72.2\% |
| 2012-13 | CAPE Academy, No Certification | 80.9\% | 81.2\% | 79.3\% | 77.8\% | 73.8\% |
|  | Academy with Industry Certification | 83.5\% | 83.6\% | 82.2\% | 79.9\% | 75.6\% |
|  | All High School Graduates |  | 80.4\% | 79.9\% | 78.5\% | 76.1\% |
|  | CAPE Academy, No Certification |  | 81.6\% | 81.0\% | 80.9\% | 77.8\% |
| 2013-14 | Academy with Industry Certification |  | 83.6\% | 83.5\% | 80.3\% | 79.7\% |
|  | CTC, No Certification |  | 80.3\% | 79.9\% | 78.7\% | 76.4\% |
|  | CTC with Certification |  | 82.8\% | 83.0\% | 82.1\% | 79.7\% |
|  | All High School Graduates |  |  | 80.5\% | 80.2\% | 78.3\% |
|  | CAPE Academy, No Certification |  |  | 81.5\% | 80.8\% | 78.7\% |
| 2014-15 | Academy with Industry Certification |  |  | 84.2\% | 83.6\% | 81.6\% |
|  | CTC, No Certification |  |  | 80.0\% | 79.6\% | 77.8\% |
|  | CTC with Certification |  |  | 83.6\% | 83.2\% | 81.2\% |
|  | All High School Graduates |  |  |  | 80.5\% | 79.8\% |
|  | CAPE Academy, No Certification |  |  |  | 81.4\% | 80.8\% |
| 2015-16 | Academy with Industry Certification |  |  |  | 83.9\% | 83.1\% |
|  | CTC, No Certification |  |  |  | Not Available | Not Available |
|  | CTC with Certification |  |  |  | Not Available | Not Available |
|  | All High School Graduates |  |  |  |  | 80.3\% |
|  | CAPE Academy, No Certification |  |  |  |  | 81.3\% |
| 2016-17 | Academy with Industry Certification |  |  |  |  | 84.2\% |
|  | CTC, No Certification |  |  |  |  | 80.2\% |
|  | CTC with Certification |  |  |  |  | 83.3\% |

Sources: FDOE Student Information System and Florida Education \& Training Placement Information System

[^15]Data on average earnings over time of high school graduates indicate that industry certification may be correlated with higher earnings than those of the overall high school population. Figure 2 below shows the average estimated earnings (based on one quarter of data) of 2012-13 high school graduates found employed and earning a total dollar amount greater than the equivalent of working 40 hours a week, for the full quarter earning the minimum wage. While academy and industry certification graduates initially earned less, on average, than the general high school population, by the third year industry certification earners surpassed the overall average.

Figure 2
Average Estimated Annual Fulltime Earnings of CAPE Participants ${ }^{38}$, Industry Certification Earners, and All High School Graduates, 2012-13 Cohort ${ }^{39}$


Sources: FDOE Student Information System and Florida Education \& Training Placement Information System

[^16]Placement rates for 2016-17 graduates who had earned at least one industry certification are shown by certification earned in Table 13 below. This table includes all graduates who earned certifications regardless of whether they were a CAPE participant. The attached Appendix B includes a detailed table showing placement rates by the identified industry certification.

Table 13
Placement Rates of Industry Certification Earner High School Graduates by Certification Funding Weight, 2016-17 Cohort

| Certification Funding <br> Weight | Industry Certification <br> Earner Graduates with <br> Valid SSN | Number Found <br> Employed or Enrolled <br> in Postsecondary, <br> Fall 2017 | Percent Found <br> Employed or Enrolled <br> in Postsecondary, <br> Fall 2017 |
| :---: | :---: | :---: | :---: |
| 0.1 | 27,445 | 12,908 | $61.17 \%$ |
| 0.2 | 29,298 | 14,786 | $59.71 \%$ |
| 0.5 | 95 | 45 | $47.37 \%$ |

Sources: FDOE Student Information System and Florida Education \& Training Placement Information Program

## Comparison of CAPE Participants to Industry Certification Earners

In Table 14 below, CAPE participants and their comparison group peers are disaggregated by industry certification attainment to isolate the characteristics of CAPE participants and industry certification earners independently. The table includes high school students only because four of the indicators are not relevant for middle school students (dropout, graduation, acceleration, and Bright Futures eligibility). The table shows a general trend that, as one moves from the leftmost column (non-CAPE student without certification) to the rightmost column (CAPE student with certification), the performance indicators tend to improve with few exceptions. Both CAPE participants and non-CAPE students who earn certifications performed at a higher level than their non-certified peers.

Table 14

## Performance by CAPE Participation ${ }^{40}$ and Industry Certification Attainment, 2017-18, Grades 9-12 Only

| Performance <br> Indicator | Non-CAPE, <br> No <br> Certification | CAPE, No <br> Certification | Non-CAPE + <br> Certification | CAPE + <br> Certification | All High <br> School <br> Students + <br> Certification | All High <br> School <br> Students, No <br> Certification |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Average GPA | 2.75 | 2.74 | 3.00 | 3.09 | 3.09 | 2.75 |
| Chronically Absent | $19.8 \%$ | $20.5 \%$ | $19.2 \%$ | $12.2 \%$ | $12.8 \%$ | $20.1 \%$ |
| At Least One <br> Disciplinary Action | $11.3 \%$ | $13.7 \%$ | $7.6 \%$ | $5.9 \%$ | $6.1 \%$ | $12.1 \%$ |
| Dropout Rate | $2.6 \%$ | $1.0 \%$ | $0.5 \%$ | $0.2 \%$ | $0.2 \%$ | $2.1 \%$ |
| 12th Graders <br> Earning Standard <br> Diploma | $73.7 \%$ | $87.4 \%$ | $92.2 \%$ | $97.5 \%$ | $97.3 \%$ | $76.9 \%$ |
| At Least One <br> Accelerated Course | $35.5 \%$ | $35.3 \%$ | $49.0 \%$ | $50.7 \%$ | $50.7 \%$ | $34.9 \%$ |
| 2016-17 Graduates <br> Bright Futures <br> Eligibility | $4.9 \%$ | $4.1 \%$ | $13.5 \%$ | $9.3 \%$ | $9.5 \%$ | $4.6 \%$ |

Source: FDOE Student Information System

## Five-Year Trends

The number of registered career and professional academies grew from 1,567 in 2011-12 to 2,032 in 2017-18 (see Table 15). In that same time period, the percentage of Florida high school students enrolled in career and professional academies and career-themed courses grew from 21.5 percent to 45.3 percent. The number of CAPE participants earning industry certifications grew from 28,533 in 2011-12 to 123,791 in 2017-18. As CAPE participation increased, the pass rate of academy students taking certification exams dropped from 84.3 percent in 2011-12 to 70.4 percent in 2017-18.

[^17]Table 15
Five-Year Trends in Career and Professional Participation ${ }^{42}$ Data

| Indicator | $2013-14$ | $2014-15$ | $2015-16$ | $2016-17$ | $2017-18$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Academies Registered | 1,816 | 1,878 | 2,058 | 1,944 | 2,032 |
| Career-themed Courses <br> Registered | 12,319 | 14,320 | 15,382 | 17,498 | 17,878 |
| Percentage of Middle School <br> Population | $5.3 \%$ | $9.1 \%$ | $9.9 \%$ | $13.4 \%$ | $14.5 \%$ |
| Percentage of High School <br> Population | $37.1 \%$ | $38.7 \%$ | $40.2 \%$ | $43.2 \%$ | $45.3 \%$ |
| CAPE Participants Earning <br> Industry Certifications | 63,328 | 58,576 | 71,070 | 100,501 | 123,791 |
| Certification Pass Rate | $78.2 \%$ | $69.7 \%$ | $71.1 \%$ | $69.6 \%$ | $70.4 \%$ |
| Students Earning CAPE <br> Digital Tools |  | 3730 | 19,977 | 36,177 | 40,947 |
| Digital Tool Pass Rate |  | $67.9 \%$ | $55.8 \%$ | $63.6 \%$ | $67.3 \%$ |
| Students enrolled in a CAPE <br> Innovation Course | 313 | 1,410 | 1,233 | 990 |  |
| Percent of Students Meeting <br> all CAPE Innovation <br> Requirements |  | $17.6 \%$ | $38.4 \%$ | $37.9 \%$ | $27.3 \%$ |

Source: FDOE Student Information System

## Return on Investment

As of the 2017-18 year, there were 98 industry certifications with State Board Approved Gold Standard Articulation Agreements of which 90 appear on the 2017-18 CAPE Industry Certification Funding List. ${ }^{43}$ A gold standard articulation agreement provides articulated course credit towards specific Associate in Applied Science (AAS), Associate in Science (AS) and College Credit Certificate (CCC) programs. For the certifications on the current CAPE Industry Certification Funding List, the available articulated credit ranged from one credit hour to 36 depending on the industry certification and the degree program to which it articulated. The majority of certifications articulated to three credit hours. Eighteen of the certifications on the funding list had more than one articulation agreement. Students who earned one of these would have the option of receiving articulated credit in more than one degree program. In 2017-18 CAPE participants earned 58,210 industry certifications with at least one articulation agreement. Five of the industry certifications earned, Manufacturing Skill Standards Council (MSSC) Certified Production Technician (CPT), CompTIA A+, Apple Certified Pro (ACP) - Final Cut Pro X, LEED Green Associate, and Certified Food Safety Manager articulated to more than one program. Table 16 shows the potential value of the college credit obtained through earning the certification.

[^18]Table 16
Return on Investment- Industry Certifications and College Credit

| Certification Title | Number of Certifications Earned | Potential College Credit Through Articulation | Value of College Credit Obtained through Articulation ${ }^{44}$ |
| :---: | :---: | :---: | :---: |
| Microsoft Office Specialist (MOS) Bundle Certification (3 of 6) | 22,490 | 3 | \$215.94 |
| Certified Food Protection Manager (ServSafe ${ }^{\circledR}$ ) | 7,693 | 3 | \$215.94 |
| Adobe Certified Associate (ACA) Dreamweaver | 5,822 | 3 | \$215.94 |
| Autodesk Certified User - Inventor | 3,404 | 3 | \$215.94 |
| Certified Internet Web (CIW) Site Development Associate | 2,267 | 3 | \$215.94 |
| Autodesk Certified User - AutoCAD | 2,128 | 3 | \$215.94 |
| Adobe Certified Associate (ACA) Flash/Animate | 1,994 | 3 | \$215.94 |
| Quickbooks Certified User | 1,731 | 3 | \$215.94 |
| Agritechnology Specialist Certification | 1,088 | 2 | \$143.96 |
| Certified Solidworks Associate-Academic (CSWA-Academic) | 1,058 | 3 | \$215.94 |
| Child Development Associate (CDA) | 846 | 9 | \$647.82 |
| Certified Food Safety Manager | 748 | 2 to 3 | \$143.96 to \$215.94 |
| Certified Veterinary Assistant (CVA) | 646 | 3 | \$215.94 |
| Autodesk Certified User - Revit Architecture | 622 | 3 | \$215.94 |
| NCCER Carpentry - Level 1 (Secondary) | 608 | 3 | \$215.94 |
| Animal Science Specialist Certification | 551 | 3 | \$215.94 |
| Biotechnician Assistant | 491 | 3 | \$215.94 |
| National ProStart Certificate of Achievement | 384 | 3 | \$215.94 |
| Small UAS Safety Certification | 378 | 1 | \$71.98 |
| Microsoft Office Specialist Master | 288 | 3 | \$215.94 |
| Microsoft Technology Associate (MTA) Mobility and Devices Fundamentals | 259 | 3 | \$215.94 |
| Certified Horticulture Professional | 239 | 6 | \$431.88 |
| Modeling \& Simulation (M\&S) Certification | 195 | 3 | \$215.94 |
| Certified Internet Web (CIW) Advanced HTML5 \& CSS3 Specialist | 189 | 3 | \$215.94 |
| NCCER Electrical - Level 1 (Secondary) | 137 | 3 | \$215.94 |
| 911 Public Safety Telecommunicator | 131 | 3 | \$215.94 |

[^19]
## Table 16

Return on Investment- Industry Certifications and College Credit

| Certification Title | Number of Certifications Earned | Potential College Credit Through Articulation | Value of College Credit Obtained through Articulation ${ }^{44}$ |
| :---: | :---: | :---: | :---: |
| Certified Internet Web (CIW) JavaScript Specialist | 128 | 3 | \$215.94 |
| Certified Phlebotomy Technician (CPT) | 124 | 1 | \$71.98 |
| Microsoft Technology Associate (MTA) Database Administration Fundamentals | 116 | 3 | \$215.94 |
| Accredited Legal Professional (ALP) | 110 | 3 | \$215.94 |
| CompTIA A+ | 110 | 3 to 6 | \$215.94 to \$431.88 |
| MSSC Certified Production Technician (CPT) | 105 | 6 to 15 | \$431.88 to \$1079.70 |
| Microsoft Technology Associate (MTA) HTML5 Application Developer Fundamentals | 83 | 3 | \$215.94 |
| NCCER HVAC - Level 1 (Secondary) | 81 | 3 | \$215.94 |
| Certified Pharmacy Technician (CPhT) | 76 | 9 | \$647.82 |
| FAA Ground School | 76 | 3 | \$215.94 |
| Autodesk Certified Professional - AutoCAD | 73 | 3 | \$215.94 |
| Certified Phlebotomy Technician | 59 | 1 | \$71.98 |
| NCCER Construction Technology (Secondary) | 59 | 3 | \$215.94 |
| ASE Auto Maintenance and Light Repair (G1) | 57 | 3 | \$215.94 |
| Certified Apprentice Drafter - Architectural | 42 | 3 | \$215.94 |
| NCCER Electrical - Level 2 (Secondary) | 37 | 3 | \$215.94 |
| Pharmacy Technician | 37 | 9 | \$647.82 |
| FAA Private Pilot | 34 | 3 | \$215.94 |
| Registered Phlebotomy Technician (RPT) | 34 | 3 | \$215.94 |
| NIMS Machining Level I - CNC Milling: Programming Setup \& Operations | 33 | 1 | \$71.98 |
| NIMS Machining Level I - CNC Milling: Programming Setup \& Operations | 33 | 3 | \$215.94 |
| ASE Automobile/Light Truck Technician: Brakes (A5) | 28 | 3 | \$215.94 |
| Chief Architect Certified Apprentice | 27 | 3 | \$215.94 |
| CompTIA Network+ | 22 | 3 | \$215.94 |
| CompTIA Security+ | 20 | 3 | \$215.94 |
| Apple Certified Pro (ACP) - Final Cut Pro X | 19 | 3 to 8 | \$215.94 to \$575.84 |
| ASE Automobile/Light Truck Technician: Suspension and Steering (A4) | 19 | 3 | \$215.94 |
| Autodesk Certified Professional - Inventor | 19 | 3 | \$215.94 |
| ASE Automobile/Light Truck Technician: Heating and Air Conditioning (A7) | 16 | 3 | \$215.94 |
| Air Conditioning Service Technician | 15 | 3 | \$215.94 |
| Air Conditioning Installation Specialization | 14 | 4 | \$287.92 |

Table 16
Return on Investment- Industry Certifications and College Credit

| Certification Title | Number of Certifications Earned | Potential College Credit Through Articulation | Value of College Credit Obtained through Articulation ${ }^{44}$ |
| :---: | :---: | :---: | :---: |
| Air to Air Heat Pump Installation Technician | 14 | 4 | \$287.92 |
| ASE Automobile/Light Truck Technician: Electrical/Electronic Systems (A6) | 14 | 3 | \$215.94 |
| Emergency Medical Technician (EMT) | 12 | 9 | \$647.82 |
| HVAC Excellence Employment Ready Electrical | 12 | 4 | \$287.92 |
| HVAC Excellence EmploymentReady - Air Conditioning | 10 | 4 | \$287.92 |
| Foodservice Management Professional (FMP) | 9 | 3 | \$215.94 |
| Cisco Certified Network Associate (CCNA) | 7 | 12 | \$863.76 |
| Oracle Certified Associate (OCA): Java Programmer | 7 | 3 | \$215.94 |
| Certified Medical Assistant (CMA) | 6 | 3 | \$215.94 |
| Global Logistics Associate (GLA) | 5 | 12 | \$863.76 |
| LEED Green Associate | 5 | 2 to 3 | \$143.96 to \$215.94 |
| Certified Internet Web (CIW) Database Design Specialist | 4 | 3 | \$215.94 |
| Autodesk Certified Professional - Revit Architecture | 3 | 3 | \$215.94 |
| Certified Internet Web (CIW) Web Design Specialist | 2 | 3 | \$215.94 |
| NIMS Machining Level I - Drill Press Skills I | 2 | 3 | \$215.94 |
| NIMS Machining Level I - Turning Operations: <br> Turning Between Centers | 2 | 3 | \$215.94 |
| Certified Internet Web (CIW) E-Commerce Specialist | 1 | 3 | \$215.94 |
| CompTIA Linux+ | 1 | 3 | \$215.94 |
| Precision Sheetmetal Operator - Level I (PSMO) | 1 | 3 | \$215.94 |
| Estimated Total Value of College Credit Obtained through Articulation ${ }^{45}$ |  |  | \$42,156,742.54 |

[^20]
## Conclusion

In the tenth year of implementation, the number of career and professional academies, careerthemed courses and students enrolled in CAPE courses continues to grow across the state, and a change to the law opened two new frontiers: middle schools and career-themed courses. CAPE participants on average performed better than non-CAPE students on most indicators, and students with industry certifications clearly performed better on all the indicators in this report than non-certified students. Placement data of CAPE participant and industry certification earner graduates indicate that CAPE participant graduates were slightly more likely to be found employed or in postsecondary education and were earning, on average, about the same as the average high school graduate. Graduates earning industry certifications showed consistently higher performance in their placement rate and earnings over time.

## Appendix A

Characteristics of Schools with CAPE Participants, 2017-18

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alachua | Santa Fe High School | Senior High | 1,140 | 475 | 41.7\% | 116 | 24.4\% |
| Alachua | Siatech Gainesville | Senior High | 127 | 12 | 9.4\% | 0 | 0\% |
| Alachua | Sidney Lanier Center | Combination Elementary \& Secondary | 163 | 0 | < 1.0\% | N/A | N/A |
| Alachua | Westwood Middle School | Middle/Junior | 1,039 | 78 | 7.5\% | 36 | 46.2\% |
| Baker | Baker County Senior High School | Senior High | 1,384 | $\begin{gathered} 1,20 \\ 8 \end{gathered}$ | 87.3\% | 235 | 19.5\% |
| Bay | A. Crawford Mosley High School | Senior High | 1,863 | 676 | 36.3\% | 240 | 35.5\% |
| Bay | Bay Haven Charter Middle School | Middle/Junior | 462 | 0 | < 1.0\% | N/A | N/A |
| Bay | Bay High School | Senior High | 1,199 | 603 | 50.3\% | 61 | 10.1\% |
| Bay | Bay Reg. Juvenile Detention Ctr | Combination Elementary \& Secondary | 32 | 17 | 53.1\% | 1 | 5.9\% |
| Bay | Bay Virtual Franchise | Senior High | 80 | * | 1.3\% | 0 | 0\% |
| Bay | Bay Virtual Instruction (Course Offerings) | Senior High | 16 | * | 25.0\% | 0 | 0\% |
| Bay | Bay Virtual Instruction Program | Elementary | 22 | 0 | < 1.0\% | N/A | N/A |
| Bay | Breakfast Point Academy | Combination Elementary \& Secondary | 1,096 | 20 | 1.8\% | 7 | 35.0\% |
| Bay | C C Washington Academy | Middle/Junior | 71 | * | 2.8\% | 0 | 0\% |
| Bay | Central High School | Senior High | 174 | 39 | 22.4\% | 0 | 0\% |
| Bay | Chautauqua Charter School | Senior High | 47 | * | 2.1\% | 0 | 0\% |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

[^21]|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.
Page A-11

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.
Page A-12

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.
Page A-13

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.
Page A-15

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Collier | Mason Classical Academy | Combination Elementary \& Secondary | 853 | 0 | < 1.0\% | N/A | N/A |
| Collier | Naples Area Teenage Parenting | Combination Elementary \& Secondary | 31 | * | 16.1\% | 0 | 0\% |
| Collier | Naples High School | Senior High | 1,786 | 999 | 55.9\% | 263 | 26.3\% |
| Collier | New Beginnings - Naples | Combination Elementary \& Secondary | 39 | * | 2.6\% | 0 | 0\% |
| Collier | New Beginnings Immokalee | Combination Elementary \& Secondary | 30 | * | 10.0\% | 0 | 0\% |
| Collier | North Naples Middle School | Middle/Junior | 834 | 267 | 32.0\% | 20 | 7.5\% |
| Collier | Oakridge Middle School | Middle/Junior | 1,174 | 553 | 47.1\% | 2 | < 1\% |
| Collier | Palmetto Ridge High School | Senior High | 1,949 | $\begin{gathered} 1,17 \\ 3 \end{gathered}$ | 60.2\% | 131 | 11.2\% |
| Collier | Pine Ridge Middle School | Middle/Junior | 1,044 | 219 | 21.0\% | 171 | 78.1\% |
| Collier | The Pace Program | Senior High | 58 | * | 6.9\% | 0 | 0\% |
| Collier | The Phoenix Program Naples | Combination Elementary \& Secondary | 75 | 37 | 49.3\% | 1 | 2.7\% |
| Collier | The Phoenix Program-Immokalee | Combination Elementary \& Secondary | 42 | 14 | 33.3\% | 0 | 0\% |
| Columbia | Belmont Academy | Combination Elementary \& Secondary | 460 | * | < 1.0\% | 0 | 0\% |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Dade | Aspira Leadership/College Preparatory Academy | Combination Elementary \& Secondary | 359 | * | < 1.0\% | 0 | 0\% |
| Dade | Aspira Raul Arnaldo Martinez Charter School | Combination Elementary \& Secondary | 489 | 62 | 12.7\% | 0 | 0\% |
| Dade | Aventura City Of Excellence | Combination Elementary \& Secondary | 1,021 | 174 | 17.0\% | 0 | 0\% |
| Dade | Aventura Waterways K-8 Center | Combination Elementary \& Secondary | 2,134 | 159 | 7.5\% | 0 | 0\% |
| Dade | Barbara Goleman Senior High | Senior High | 2,029 | 815 | 40.2\% | 60 | 7.4\% |
| Dade | Booker T. Washington Sr High | Senior High | 976 | 608 | 62.3\% | 167 | 27.5\% |
| Dade | Bowman Ashe/Doolin K-8 Academy | Combination Elementary \& Secondary | 984 | 123 | 12.5\% | 0 | 0\% |
| Dade | Bridgeprep Academy Of Arts \& Minds | Senior High | 297 | 16 | 5.4\% | 0 | 0\% |
| Dade | Brownsville Middle School | Middle/Junior | 424 | 229 | 54.0\% | 0 | 0\% |
| Dade | Brucie Ball Educational Center | Combination Elementary \& Secondary | 387 | 48 | 12.4\% | 0 | 0\% |
| Dade | Campbell Drive K-8 Center | Combination Elementary \& Secondary | 1,000 | * | < 1.0\% | 0 | 0\% |
| Dade | Carol City Middle School | Middle/Junior | 337 | 112 | 33.2\% | 0 | 0\% |
| Dade | Carrie P. Meek/Westview K-8 Center | Combination Elementary \& Secondary | 720 | * | < 1.0\% | 0 | 0\% |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Dade | Center For International Education | Senior High | 284 | 0 | < 1.0\% | N/A | N/A |
| Dade | Citrus Grove Middle School | Middle/Junior | 763 | 171 | 22.4\% | 0 | 0\% |
| Dade | Citrus Health Sipp/Crisis | Combination Elementary \& Secondary | ** | 18 | ** | 0 | 0\% |
| Dade | City Of Hialeah Education Academy | Senior High | 824 | 240 | 29.1\% | 146 | 60.8\% |
| Dade | Coconut Palm K-8 Academy | Combination Elementary \& Secondary | 1,596 | 26 | 1.6\% | 0 | 0\% |
| Dade | Cope Center North | Senior High | 72 | 42 | 58.3\% | 0 | 0\% |
| Dade | Coral Gables Senior High School | Senior High | 3,361 | $\begin{gathered} 2,36 \\ 5 \end{gathered}$ | 70.4\% | 601 | 25.4\% |
| Dade | Coral Reef Senior High School | Senior High | 3,355 | $\begin{gathered} 1,92 \\ 3 \end{gathered}$ | 57.3\% | 545 | 28.3\% |
| Dade | Coral Way K-8 Center | Combination Elementary \& Secondary | 1,327 | 23 | 1.7\% | 0 | 0\% |
| Dade | Country Club Middle School | Middle/Junior | 631 | * | < 1.0\% | 0 | 0\% |
| Dade | Cutler Bay Miiddle | Middle/Junior | 869 | 102 | 11.7\% | 42 | 41.2\% |
| Dade | David Lawrence Jr. K-8 Center | Combination Elementary \& Secondary | 1,507 | 65 | 4.3\% | 0 | 0\% |
| Dade | Design \& Architecture Senior High | Senior High | 503 | 412 | 81.9\% | 157 | 38.1\% |
| Dade | Devon Aire K-8 Center | Combination Elementary \& Secondary | 1,501 | 49 | 3.3\% | 0 | 0\% |
| Dade | Doctors Charter School Of Miami Shores | Senior High | 590 | 80 | 13.6\% | 0 | 0\% |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.
Page A-21

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.
Page A-22

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Dade | Law Enforcement Officers Memorial High School | Senior High | 409 | 213 | 52.1\% | 27 | 12.7\% |
| Dade | Lawton Chiles Middle School | Middle/Junior | 878 | 143 | 16.3\% | 4 | 2.8\% |
| Dade | Leewood K-8 Center | Combination Elementary \& Secondary | 813 | 0 | < 1.0\% | N/A | N/A |
| Dade | Leisure City K-8 Center | Combination Elementary \& Secondary | 1,028 | 27 | 2.6\% | 1 | 3.7\% |
| Dade | Lillie C. Evans K-8 Center | Combination Elementary \& Secondary | 377 | * | < 1.0\% | 0 | 0\% |
| Dade | Lincoln-Marti Charter School Hialeah | Combination Elementary \& Secondary | 335 | * | < 1.0\% | 0 | 0\% |
| Dade | Linda Lentin K-8 Center | Combination Elementary \& Secondary | 840 | 0 | < 1.0\% | N/A | N/A |
| Dade | Madison Middle School | Middle/Junior | 482 | * | < 1.0\% | 0 | 0\% |
| Dade | Mandarin Lakes K-8 Academy | Combination Elementary \& Secondary | 985 | 50 | 5.1\% | 0 | 0\% |
| Dade | Marcus A. Milam K-8 Center | Combination Elementary \& Secondary | 945 | 56 | 5.9\% | 0 | 0\% |
| Dade | Mast Academy | Senior High | 1,479 | 267 | 18.1\% | 21 | 7.9\% |
| Dade | Mast@Fiu | Senior High | 316 | 15 | 4.7\% | 0 | 0\% |
| Dade | Mater Academy Charter High | Senior High | 1,742 | $\begin{gathered} 1,25 \\ 6 \end{gathered}$ | 72.1\% | 250 | 19.9\% |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.
Page A-25

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.
Page A-28

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.
Page A-30

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.
Page A-32

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.
Page A-33

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

[^22]|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ | $\begin{aligned} & \text { Percent in Academy and/or Career- } \\ & \text { Themed Course }{ }^{2} \end{aligned}$ |  | $\stackrel{\circ}{\circ}$ 5．帚 은会贸需 <br>  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Franklin | Franklin County School | Combination <br> Elementary \＆ Secondary | 937 | 0 | ＜1．0\％ | N／A | N／A |
| Franklin | Franklin Virtual Instruction Program | Combination <br> Elementary \＆ Secondary | 10 | 0 | ＜1．0\％ | N／A | N／A |
| Gadsden | Carter Parramore Academy | Combination Elementary \＆ Secondary | 188 | 49 | 26．1\％ | 1 | 2．0\％ |
| Gadsden | Crossroad Academy | Combination Elementary \＆ Secondary | 528 | 124 | 23．5\％ | 95 | 76．6\％ |
| Gadsden | East Gadsden High School | \＃N／A | － | 0 | ＊＊ | N／A | N／A |
| Gadsden | Gadsden Central Academy | Senior High | 28 | ＊ | 7．1\％ | 0 | 0\％ |
| Gadsden | Havana Magnet School | Combination Elementary \＆ Secondary | 594 | 62 | 10．4\％ | 25 | 40．3\％ |
| Gadsden | Hope Academy | Senior High | 17 | ＊ | 11．8\％ | 0 | 0\％ |
| Gadsden | James A．Shanks Middle School | Combination Elementary \＆ Secondary | 695 | 20 | 2．9\％ | 16 | 80．0\％ |
| Gadsden | West Gadsden High School | Senior High | 962 | 542 | 56．3\％ | 151 | 27．9\％ |
| Gilchrist | Bell High School | Senior High | 656 | 275 | 41．9\％ | 109 | 39．6\％ |
| Gilchrist | Trenton High School | Senior High | 646 | 355 | 55．0\％ | 134 | 37．7\％ |
| Glades | Glades Virtual Franchise | Senior High | ＊＊ | 0 | ＊＊ | N／A | N／A |
| Glades | Moore Haven Middle High School． | Combination <br> Elementary \＆ <br> Secondary | 456 | 23 | 5．0\％ | 1 | 4．3\％ |

Note：A district may have registered an academy and not appear on this list．Only those schools with CAPE enrollment have been included here．
${ }^{1}$ Includes students enrolled in either a registered academy or career－themed course．Enrollment is unduplicated to the district，school，and student． Students are counted more than once if they are reported in more than one school of instruction during the year．
${ }^{2}$ Does not include CAPE Digital Tool Certificates．
An＊sign indicates there were less than 10 CAPE participants．
＊＊indicates there were fewer than 10 students enrolled in the designated school．

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

[^23]|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Manatee | Manatee Schl Of Arts/Sciences | Elementary | 159 | 0 | < 1.0\% | N/A | N/A |
| Manatee | Manatee Virtual Franchise | Combination Elementary \& Secondary | 64 | 20 | 31.3\% | 3 | 15.0\% |
| Manatee | Martha B. King Middle School | Middle/Junior | 1,101 | 469 | 42.6\% | 28 | 6.0\% |
| Manatee | Pace Center For Girls | Senior High | 55 | * | 9.1\% | 0 | 0\% |
| Manatee | Palmetto Charter School | Combination Elementary \& Secondary | 363 | 0 | < 1.0\% | N/A | N/A |
| Manatee | Palmetto High School | Senior High | 2,207 | $\begin{gathered} 1,68 \\ 8 \end{gathered}$ | 76.5\% | 179 | 10.6\% |
| Manatee | Palmetto Youth Academy | Senior High | 46 | * | 4.3\% | 0 | 0\% |
| Manatee | Palmshores Behavior Health Center | Combination Elementary \& Secondary | 59 | * | 1.7\% | 0 | 0\% |
| Manatee | R. Dan Nolan Middle School | Middle/Junior | 1,166 | 334 | 28.6\% | 130 | 38.9\% |
| Manatee | Sara Scott Harllee Middle Schl | \#N/A | - | 0 | ** | N/A | N/A |
| Manatee | Sable | Combination Elementary \& Secondary | 11 | 0 | < 1.0\% | N/A | N/A |
| Manatee | Southeast High School | Senior High | 1,681 | $\begin{gathered} 1,73 \\ 2 \end{gathered}$ | 103.0\% | 270 | 15.6\% |
| Manatee | State College Of Florida Collegiate School | Senior High | 506 | * | < 1.0\% | 0 | 0\% |
| Manatee | Team Success A School Of Excellence | Combination Elementary \& Secondary | 696 | 0 | < 1.0\% | N/A | N/A |
| Manatee | The Port Academy | Senior High | 10 | * | 30.0\% | 0 | 0\% |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Marion | Mcso Juveniles | Senior High | 21 | * | 42.9\% | 0 | 0\% |
| Marion | New Leaf Center | Combination Elementary \& Secondary | 96 | 10 | 10.4\% | 0 | 0\% |
| Marion | North Marion High School | Senior High | 1,272 | 792 | 62.3\% | 86 | 10.9\% |
| Marion | North Marion Middle School | Middle/Junior | 842 | 531 | 63.1\% | 14 | 2.6\% |
| Marion | Osceola Middle School | Middle/Junior | 941 | 168 | 17.9\% | 11 | 6.5\% |
| Marion | Pace Center For Girls, Inc. | Senior High | 61 | 17 | 27.9\% | 0 | 0\% |
| Marion | Silver River Mentoring And Instruction | Senior High | 160 | 59 | 36.9\% | 0 | 0\% |
| Marion | Student Services/Ese | Combination Elementary \& Secondary | 29 | 0 | < 1.0\% | N/A | N/A |
| Marion | Vanguard High School | Senior High | 1,683 | 952 | 56.6\% | 134 | 14.1\% |
| Marion | West Port High School | Senior High | 2,681 | $\begin{gathered} 1,34 \\ 5 \end{gathered}$ | 50.2\% | 170 | 12.6\% |
| Martin | Ese Homebound | Senior High | 11 | * | 36.4\% | 0 | 0\% |
| Martin | Hidden Oaks Middle School | Middle/Junior | 1,080 | 0 | < 1.0\% | N/A | N/A |
| Martin | Jensen Beach High School | Senior High | 1,598 | 843 | 52.8\% | 176 | 20.9\% |
| Martin | Martin County High School | Senior High | 2,239 | 959 | 42.8\% | 212 | 22.1\% |
| Martin | South Fork High School | Senior High | 1,933 | 983 | 50.9\% | 293 | 29.8\% |
| Martin | Spectrum Junior/Senior High School | Senior High | 40 | 11 | 27.5\% | 0 | 0\% |
| Martin | Stuart Learning Center | Adult | 0 | 0 | ** | N/A | N/A |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Martin | Willoughby Learning Center | Combination Elementary \& Secondary | 70 | * | 5.7\% | 0 | 0\% |
| Monroe | Big Pine Academy | Elementary | 78 | 0 | < 1.0\% | N/A | N/A |
| Monroe | Coral Shores High School | Senior High | 737 | 460 | 62.4\% | 58 | 12.6\% |
| Monroe | Horace O'Bryant School | Combination Elementary \& Secondary | 1,120 | 96 | 8.6\% | 41 | 42.7\% |
| Monroe | Key Largo School | Combination Elementary \& Secondary | 856 | 43 | 5.0\% | 31 | 72.1\% |
| Monroe | Key West Collegiate School | Senior High | 71 | * | 8.5\% | 0 | 0\% |
| Monroe | Key West High School | Senior High | 1,223 | 536 | 43.8\% | 69 | 12.9\% |
| Monroe | Keys Center | Senior High | ** | * | ** | 0 | 0\% |
| Monroe | Marathon School | Senior High | 639 | 260 | 40.7\% | 46 | 17.7\% |
| Monroe | Monroe Juvenile Detention Center | Senior High | - | * | ** | 0 | 0\% |
| Monroe | Plantation Key School | Combination Elementary \& Secondary | 489 | 23 | 4.7\% | 11 | 47.8\% |
| Monroe | Sugarloaf School | Combination Elementary \& Secondary | 537 | 28 | 5.2\% | 17 | 60.7\% |
| Nassau | Fernandina Beach High School | Senior High | 954 | 367 | 38.5\% | 158 | 43.1\% |
| Nassau | Hilliard Middle-Senior High | Senior High | 736 | 213 | 28.9\% | 86 | 40.4\% |
| Nassau | Nassau Virtual Franchise | Senior High | 14 | 26 | 185.7\% | 11 | 42.3\% |
| Nassau | West Nassau County High School | Senior High | 1,052 | 617 | 58.7\% | 287 | 46.5\% |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Okaloosa | Okaloosa Academy | Combination Elementary \& Secondary | 251 | 13 | 5.2\% | 2 | 15.4\% |
| Okaloosa | Okaloosa Online Non Franchised | Combination Elementary \& Secondary | 218 | 60 | 27.5\% | 6 | 10.0\% |
| Okaloosa | Okaloosa Regional Detention | Senior High | 10 | 0 | < 1.0\% | N/A | N/A |
| Okaloosa | Okaloosa Tech College And Choice High School | Combination Elementary \& Secondary | 125 | * | 7.2\% | 0 | 0\% |
| Okaloosa | Okaloosa Youth Academy | Senior High | 71 | 0 | < 1.0\% | N/A | N/A |
| Okaloosa | Okaloosa Youth Development Ctr | Senior High | 39 | 0 | < 1.0\% | N/A | N/A |
| Okaloosa | Shoal River Middle School | Middle/Junior | 855 | 93 | 10.9\% | 24 | 25.8\% |
| Okaloosa | W. C. Pryor Middle School | Middle/Junior | 672 | 105 | 15.6\% | 88 | 83.8\% |
| Okeechobee | Okeechobee Achievement Academy | Combination Elementary \& Secondary | 158 | 11 | 7.0\% | 1 | 9.1\% |
| Okeechobee | Okeechobee High School | Senior High | 1,709 | 883 | 51.7\% | 222 | 25.1\% |
| Okeechobee | Okeechobee Virtual Franchise | Senior High | 26 | * | 34.6\% | 0 | 0\% |
| Orange | Acceleration East | Senior High | 184 | 112 | 60.9\% | 0 | 0\% |
| Orange | Acceleration West | Senior High | 281 | 82 | 29.2\% | 0 | 0\% |
| Orange | Aloma High Charter | Senior High | 326 | 65 | 19.9\% | 1 | 1.5\% |
| Orange | Amikids Orlando | Senior High | 43 | * | 18.6\% | 0 | 0\% |
| Orange | Apopka High | Senior High | 3,350 | $\begin{gathered} 1,98 \\ 0 \end{gathered}$ | 59.1\% | 416 | 21.0\% |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Orange | Ocoee Middle | Middle/Junior | 1,429 | $\begin{gathered} 1,10 \\ 6 \end{gathered}$ | 77.4\% | 292 | 26.4\% |
| Orange | Ocvs Virtual Franchise | Combination Elementary \& Secondary | 154 | 14 | 9.1\% | 0 | 0\% |
| Orange | Ocvs Virtual Instruction Program | Combination Elementary \& Secondary | 70 | * | 1.4\% | 0 | 0\% |
| Orange | Odyssey Middle | Middle/Junior | 892 | 149 | 16.7\% | 64 | 43.0\% |
| Orange | Olympia High | Senior High | 3,353 | $\begin{gathered} 1,41 \\ 9 \end{gathered}$ | 42.3\% | 501 | 35.3\% |
| Orange | Orange Youth Academy | Senior High | 52 | 28 | 53.8\% | 0 | 0\% |
| Orange | Orlando Science Middle High Charter | Senior High | 803 | 279 | 34.7\% | 13 | 4.7\% |
| Orange | Pace Center For Girls | Senior High | 34 | * | 17.6\% | 0 | 0\% |
| Orange | Piedmont Lakes Middle | Middle/Junior | 1,097 | 449 | 40.9\% | 10 | 2.2\% |
| Orange | Positive Pathways Transition Center | Senior High | 291 | 97 | 33.3\% | 1 | 1.0\% |
| Orange | Project Compass | Senior High | 37 | * | 10.8\% | 0 | 0\% |
| Orange | Renaissance Charter At Crown Point | Combination Elementary \& Secondary | 787 | * | < 1.0\% | 0 | 0\% |
| Orange | Renaissance Charter School At Chickasaw Trail | Combination Elementary \& Secondary | 1,050 | * | < 1.0\% | 0 | 0\% |
| Orange | Renaissance Charter School At Goldenrod | Combination Elementary \& Secondary | 1,077 | 0 | < 1.0\% | N/A | N/A |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

[^24]Page A-70

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

[^25]|  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

[^26]|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ | $\begin{aligned} & \text { Percent in Academy and/or Career- } \\ & \text { Themed Course }{ }^{2} \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Palm Beach | Watson B. Duncan Middle School | Middle/Junior | 1,293 | 101 | 7.8\% | 97 | 96.0\% |
| Palm Beach | Wellington High School | Senior High | 2,640 | $\begin{gathered} 1,05 \\ 6 \end{gathered}$ | 40.0\% | 381 | 36.1\% |
| Palm Beach | Wellington Landings Middle | Middle/Junior | 1,326 | 221 | 16.7\% | 201 | 91.0\% |
| Palm Beach | West Boca Raton High School | Senior High | 2,180 | $\begin{gathered} 1,29 \\ 4 \end{gathered}$ | 59.4\% | 472 | 36.5\% |
| Palm Beach | Western Pines Community Middle | Middle/Junior | 1,091 | 275 | 25.2\% | 157 | 57.1\% |
| Palm Beach | William T. Dwyer High School | Senior High | 2,307 | $\begin{gathered} 1,51 \\ 9 \end{gathered}$ | 65.8\% | 175 | 11.5\% |
| Palm Beach | Woodlands Middle School | Middle/Junior | 1,232 | 164 | 13.3\% | 103 | 62.8\% |
| Palm Beach | Worthington High School | Senior High | 239 | 49 | 20.5\% | 0 | 0\% |
| Pasco | Achieve Center Of Pasco | Senior High | 48 | * | 6.3\% | 0 | 0\% |
| Pasco | Anclote High School | Senior High | 1,213 | 275 | 22.7\% | 4 | 1.5\% |
| Pasco | Baycare Behavioral Health | Combination Elementary \& Secondary | 17 | 0 | < 1.0\% | N/A | N/A |
| Pasco | Bayonet Point Middle School | Middle/Junior | 781 | 28 | 3.6\% | 0 | 0\% |
| Pasco | Charles S. Rushe Middle School | Middle/Junior | 1,231 | 47 | 3.8\% | 0 | 0\% |
| Pasco | Chasco Middle School | Middle/Junior | 720 | 24 | 3.3\% | 0 | 0\% |
| Pasco | Dayspring Academy | Combination Elementary \& Secondary | 746 | 79 | 10.6\% | 66 | 83.5\% |
| Pasco | Fivay High Adult Education | Adult | 0 | 0 | ** | N/A | N/A |
| Pasco | Fivay High School | Senior High | 1,266 | 824 | 65.1\% | 39 | 4.7\% |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ |  | Students Earning One or More Certifications |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pasco | Florida Virtual Academy At Pasco | Combination Elementary \＆ Secondary | 373 | ＊ | 1．3\％ | 0 | 0\％ |
| Pasco | Gulf High School | Senior High | 1，346 | 430 | 31．9\％ | 22 | 5．1\％ |
| Pasco | Gulf Middle School | Middle／Junior | 897 | 18 | 2．0\％ | 0 | 0\％ |
| Pasco | Hudson High School | Senior High | 1，200 | 549 | 45．8\％ | 128 | 23．3\％ |
| Pasco | Hudson Middle School | Middle／Junior | 744 | 34 | 4．6\％ | 0 | 0\％ |
| Pasco | James Irvin Education Center | Senior High | 94 | 25 | 26．6\％ | 0 | 0\％ |
| Pasco | James W．Mitchell High School | Senior High | 2，189 | 894 | 40．8\％ | 241 | 27．0\％ |
| Pasco | Juvenile Detention Center | Senior High | 28 | 10 | 35．7\％ | 0 | 0\％ |
| Pasco | Land O＇Lakes High School | Senior High | 1，847 | 754 | 40．8\％ | 74 | 9．8\％ |
| Pasco | Pace Center For Girls | Senior High | 55 | 10 | 18．2\％ | 1 | 10．0\％ |
| Pasco | Pasco Eschool－Virtual Franchise | Senior High | 170 | 32 | 18．8\％ | 1 | 3．1\％ |
| Pasco | Pasco High School | Senior High | 1，820 | 687 | 37．7\％ | 27 | 3．9\％ |
| Pasco | Pasco Middle School | Middle／Junior | 928 | 37 | 4．0\％ | 4 | 10．8\％ |
| Pasco | Paul R．Smith Middle School | Middle／Junior | 1，024 | 64 | 6．3\％ | 13 | 20．3\％ |
| Pasco | Pepin Academies Of Pasco County | Combination <br> Elementary \＆ <br> Secondary | 322 | ＊ | ＜1．0\％ | 0 | 0\％ |
| Pasco | Pine View Middle School | Middle／Junior | 1，019 | 141 | 13．8\％ | 0 | 0\％ |
| Pasco | Raymond B．Stewart Middle Schl | Middle／Junior | 932 | ＊ | ＜ $1.0 \%$ | 0 | 0\％ |
| Pasco | Ridgewood High School | Senior High | 1，066 | 418 | 39．2\％ | 12 | 2．9\％ |
| Pasco | River Ridge High School | Senior High | 1，684 | 540 | 32．1\％ | 87 | 16．1\％ |

Note：A district may have registered an academy and not appear on this list．Only those schools with CAPE enrollment have been included here．
${ }^{1}$ Includes students enrolled in either a registered academy or career－themed course．Enrollment is unduplicated to the district，school，and student． Students are counted more than once if they are reported in more than one school of instruction during the year．
${ }^{2}$ Does not include CAPE Digital Tool Certificates．
An＊sign indicates there were less than 10 CAPE participants．
＊＊indicates there were fewer than 10 students enrolled in the designated school．

|  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| St. Lucie | Manatee Academy K-8 | Combination Elementary \& Secondary | 1,375 | 78 | 5.7\% | 61 | 78.2\% |
| St. Lucie | Mosaic Digital (St.Lucie Virtual Franchise) | Senior High | 117 | 10 | 8.5\% | 0 | 0\% |
| St. Lucie | Northport K-8 School | Combination Elementary \& Secondary | 1,155 | 32 | 2.8\% | 3 | 9.4\% |
| St. Lucie | Oak Hammock K-8 School | Combination Elementary \& Secondary | 1,455 | 114 | 7.8\% | 0 | 0\% |
| St. Lucie | Pace Center For Girls, Treasure Coast | Senior High | 35 | * | 17.1\% | 0 | 0\% |
| St. Lucie | Performance Based Preparatory Academy | Senior High | 107 | 71 | 66.4\% | 2 | 2.8\% |
| St. Lucie | Port St. Lucie High School | Senior High | 1,694 | $\begin{gathered} 1,02 \\ 8 \end{gathered}$ | 60.7\% | 371 | 36.1\% |
| St. Lucie | Southern Oaks Middle School | Middle/Junior | 949 | 108 | 11.4\% | 38 | 35.2\% |
| St. Lucie | Southport Middle School | Middle/Junior | 810 | * | < 1.0\% | 0 | 0\% |
| St. Lucie | St. Lucie County School Board-Jail Prog-Ese | Senior High | 17 | * | 41.2\% | 1 | 14.3\% |
| St. Lucie | St. Lucie Detention Center | Combination Elementary \& Secondary | 69 | * | 8.7\% | 0 | 0\% |
| St. Lucie | St. Lucie West Centennial High | Senior High | 2,551 | $\begin{gathered} 1,70 \\ 6 \end{gathered}$ | 66.9\% | 529 | 31.0\% |
| St. Lucie | St. Lucie West K-8 School | Combination Elementary \& Secondary | 1,340 | 40 | 3.0\% | 1 | 2.5\% |
| St. Lucie | Treasure Coast High School | Senior High | 2,763 | $\begin{gathered} 1,73 \\ 4 \end{gathered}$ | 62.8\% | 352 | 20.3\% |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sarasota | Venice Senior High School | Senior High | 2,165 | $\begin{gathered} 1,21 \\ 3 \end{gathered}$ | 56.0\% | 379 | 31.2\% |
| Sarasota | Woodland Middle School | Middle/Junior | 918 | 256 | 27.9\% | 53 | 20.7\% |
| Seminole | Boys Town | Combination Elementary \& Secondary | 13 | * | 7.7\% | 0 | 0\% |
| Seminole | Crooms Academy/Info Technology | Senior High | 685 | 680 | 99.3\% | 305 | 44.9\% |
| Seminole | Endeavor School | Senior High | 39 | 0 | < 1.0\% | N/A | N/A |
| Seminole | Hagerty High School | Senior High | 2,313 | $\begin{gathered} 1,23 \\ 9 \end{gathered}$ | 53.6\% | 392 | 31.6\% |
| Seminole | Hospital Homebound Program | Combination Elementary \& Secondary | 10 | * | 20.0\% | 0 | 0\% |
| Seminole | Indian Trails Middle School | Middle/Junior | 1,260 | 0 | < 1.0\% | N/A | N/A |
| Seminole | John Polk Alternative School | Senior High | ** | * | ** | 0 | 0\% |
| Seminole | Journeys Academy | Combination Elementary \& Secondary | 87 | 31 | 35.6\% | 2 | 6.5\% |
| Seminole | Lake Brantley High School | Senior High | 2,773 | $\begin{gathered} 1,07 \\ 8 \end{gathered}$ | 38.9\% | 306 | 28.4\% |
| Seminole | Lake Howell High School | Senior High | 2,252 | $\begin{gathered} 1,20 \\ 6 \end{gathered}$ | 53.6\% | 267 | 22.1\% |
| Seminole | Lake Mary High School | Senior High | 2,908 | $\begin{gathered} 1,07 \\ 3 \end{gathered}$ | 36.9\% | 208 | 19.4\% |
| Seminole | Lyman High School | Senior High | 2,435 | $\begin{gathered} 1,47 \\ 8 \end{gathered}$ | 60.7\% | 313 | 21.2\% |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.
Page A-91

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Volusia | Dept. Of Corrections Educational Program | Senior High | ** | * | ** | 0 | 0\% |
| Volusia | Galaxy Middle School | Middle/Junior | 1,041 | 250 | 24.0\% | 90 | 36.0\% |
| Volusia | G4S Youth Services Inc. | Senior High | 27 | * | 14.8\% | 1 | 25.0\% |
| Volusia | Halifax Behavioral Services | Combination Elementary \& Secondary | 24 | * | 25.0\% | 0 | 0\% |
| Volusia | Heritage Middle School | Middle/Junior | 1,162 | 191 | 16.4\% | 106 | 55.5\% |
| Volusia | Highbanks Learning Center | Senior High | 24 | 10 | 41.7\% | 1 | 10.0\% |
| Volusia | Holly Hill School | Combination Elementary \& Secondary | 1,015 | 99 | 9.8\% | 34 | 34.3\% |
| Volusia | Hospital Homebound | Combination Elementary \& Secondary | 70 | * | 1.4\% | 0 | 0\% |
| Volusia | Ivy Hawn Charter School Of The Arts | Combination Elementary \& Secondary | 821 | 191 | 23.3\% | 104 | 54.5\% |
| Volusia | Legacy Scholars Academy | Combination Elementary \& Secondary | 69 | 0 | < 1.0\% | N/A | N/A |
| Volusia | Mainland High School | Senior High | 1,941 | $\begin{gathered} 1,08 \\ 1 \end{gathered}$ | 55.7\% | 146 | 13.5\% |
| Volusia | New Smyrna Beach High School | Senior High | 1,914 | 770 | 40.2\% | 160 | 20.8\% |
| Volusia | New Smyrna Beach Middle School | Middle/Junior | 1,207 | 484 | 40.1\% | 247 | 51.0\% |
| Volusia | Ormond Beach Middle School | Middle/Junior | 1,054 | 71 | 6.7\% | 57 | 80.3\% |
| Volusia | P.A.C.E. Center For Girls | Senior High | 39 | * | 23.1\% | 0 | 0\% |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.

| District | School | School Type |  | Number of CAPE Participants ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fsu Lab Sch | Florida State University School | Combination Elementary \& Secondary | 1,726 | 282 | 16.3\% | 74 | 26.2\% |

Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
Students are counted more than once if they are reported in more than one school of instruction during the year.
${ }^{2}$ Does not include CAPE Digital Tool Certificates.
An * sign indicates there were less than 10 CAPE participants.
** indicates there were fewer than 10 students enrolled in the designated school.
Page A-95

## Appendix B

Placement Rates of Industry Certification Earner High School Graduates by Certification, 2016-17 Cohort, Sorted by percent Found Employed or Enrolled in Postsecondary Education ${ }^{1}$

| Certification Title | Certification <br> Weight | Industry <br> Certification <br> Earner Graduates <br> with Valid SSN | Number Found <br> Employed or <br> Enrolled in <br> Postsecondary, <br> Fall 2017 | Percent Found <br> Employed or <br> Enrolled in <br> Postsecondary, <br> Fall 2017 |
| :--- | :---: | :---: | :---: | :---: |
| Microsoft Office Specialist (MOS) Bundle <br> Certification (3 of 6) | 0.2 | 7,058 | 5,811 | $82.33 \%$ |
| Adobe Certified Associate (ACA) - <br> Photoshop (Creative Cloud) | 0.1 | 3,341 | 2,762 | $82.67 \%$ |
| Certified Food Protection Manager <br> (ServSafe®) | 0.2 | 2,977 | 2,508 | $84.25 \%$ |
| Adobe Certified Associate (ACA) - <br> Dreamweaver | 0.2 | 2,967 | 2,473 | $83.35 \%$ |
| Adobe Certified Associate (ACA) <br> Illustrator | 0.1 | 2,659 | 2,177 | $81.87 \%$ |
| Adobe Certified Associate (ACA) - <br> Premiere Pro | 0.1 | 2,462 | 2,060 | $83.67 \%$ |
| Adobe Certified Associate (ACA) <br> InDesign | 0.1 | 1,909 | 1,601 | $83.87 \%$ |
| Certified Medical Administrative Assistant <br> (CMAA) | 0.1 | 1,824 | 1,624 | $89.04 \%$ |
| Certified Internet Web (CIW) Internet <br> Business Associate | 0.1 | 1,707 | 1,418 | $83.07 \%$ |
| Certified Nursing Assistant (CNA) | 0.1 | 1,415 | 1,266 | $89.47 \%$ |
| Certified EKG Technician (CET) | 0.1 | 1,304 | 1,188 | $91.10 \%$ |
| Adobe Certified Associate (ACA) - Flash | 0.2 | 1,104 | 890 | $80.62 \%$ |
| Autodesk Certified User - Inventor | 0.2 | 1,100 | 896 | $81.45 \%$ |
| Autodesk Certified User - AutoCAD | 0.2 | 731 | 615 | $84.13 \%$ |
| Emergency Medical Responder | 0.1 | 650 | 586 | $90.15 \%$ |
| Agritechnology Certification | 0.2 | 591 | 460 | $77.83 \%$ |
| Quickbooks Certified User | 0.2 | 539 | 477 | $88.50 \%$ |
| Child Development Associate (CDA) | 0.2 | 458 | 426 | $93.01 \%$ |
| Certified Veterinary Assistant (CVA) | 0.2 | 413 | 367 | $88.86 \%$ |
| Autodesk Certified User - Revit <br> Architecture | 0.2 | 390 | 322 | $82.56 \%$ |
| Florida Automobile Dealers Association <br> (FADA) Certified Technician | 0.1 | 337 | 259 | $76.85 \%$ |

${ }^{1}$ Certifications with less than ten graduates with valid SSNs are indicated with an asterisk (*) accompanied by the percentage found employed or enrolled in postsecondary education.
${ }^{2}$ Industry certification graduates who earned more than one certification are included for each certification earned.

## Appendix B

Placement Rates of Industry Certification Earner High School Graduates by Certification, 2016-17 Cohort, Sorted by percent Found Employed or Enrolled in Postsecondary Education ${ }^{1}$

| Certification Title | Certification Weight | Industry Certification Earner Graduates with Valid SSN ${ }^{2}$ | Number Found Employed or Enrolled in Postsecondary, Fall 2017 | Percent Found Employed or Enrolled in Postsecondary, Fall 2017 |
| :---: | :---: | :---: | :---: | :---: |
| Biotechnician Assistant | 0.2 | 295 | 230 | 77.97\% |
| Certified Solidworks Associate-Academic (CSWA-Academic) | 0.2 | 280 | 242 | 86.43\% |
| Certified Internet Web (CIW) Site Development Associate | 0.2 | 274 | 227 | 82.85\% |
| Microsoft Technology Associate (MTA) Networking Fundamentals | 0.1 | 225 | 195 | 86.67\% |
| NCCER Carpentry - Level 1 (Secondary) | 0.2 | 219 | 163 | 74.43\% |
| Microsoft Technology Associate (MTA) Windows OS Fundamentals | 0.1 | 207 | 177 | 85.51\% |
| National ProStart Certificate of Achievement | 0.2 | 205 | 172 | 83.90\% |
| Microsoft Technology Associate (MTA) Security Fundamentals | 0.1 | 164 | 140 | 85.37\% |
| Animal Science Certification | 0.2 | 154 | 118 | 76.62\% |
| Certified Patient Care Technician | 0.1 | 151 | 139 | 92.05\% |
| Engineering Core certification | 0.1 | 150 | 111 | 74.00\% |
| Small UAS Safety Certification | 0.2 | 135 | 114 | 84.44\% |
| RECF Pre-Engineering Certification | 0.1 | 128 | 105 | 82.03\% |
| Mastercam Associate Certification - Mill Design and Toolpaths | 0.1 | 125 | 104 | 83.20\% |
| Certified Horticulture Professional | 0.2 | 114 | 93 | 81.58\% |
| Microsoft Office Specialist Master | 0.2 | 105 | 83 | 79.05\% |
| Certified Phlebotomy Technician | 0.2 | 97 | 86 | 88.66\% |
| Agricultural Biotechnology Certification | 0.1 | 95 | 71 | 74.74\% |
| Microsoft Technology Associate (MTA) Software Development Fundamentals | 0.1 | 93 | 75 | 80.65\% |
| Adobe Certified Expert (Premiere Pro) | 0.1 | 82 | 73 | 89.02\% |

[^27]
## Appendix B

Placement Rates of Industry Certification Earner High School Graduates by Certification, 2016-17 Cohort, Sorted by percent Found Employed or Enrolled in Postsecondary Education ${ }^{1}$

| Certification Title | Certification Weight | Industry Certification Earner Graduates with Valid SSN ${ }^{2}$ | Number Found Employed or Enrolled in Postsecondary, Fall 2017 | Percent Found Employed or Enrolled in Postsecondary, Fall 2017 |
| :---: | :---: | :---: | :---: | :---: |
| Toon Boom Certified Associate (Storyboard Pro) | 0.1 | 74 | 57 | 77.03\% |
| Emergency Medical Responder (EMR) | 0.1 | 74 | 61 | 82.43\% |
| Certified Internet Web (CIW) Network Technology Associate | 0.1 | 72 | 66 | 91.67\% |
| Certified Welder | 0.1 | 70 | 49 | 70.00\% |
| Adobe Certified Expert (Photoshop) | 0.1 | 62 | 53 | 85.48\% |
| Certified Front Desk Supervisor | 0.1 | 60 | 57 | 95.00\% |
| Avid Media Composer Certified User | 0.1 | 59 | 55 | 93.22\% |
| Agricultural Mechanics Certification | 0.1 | 57 | 43 | 75.44\% |
| MSSC Certified Production Technician (CPT) | 0.5 | 55 | 45 | 81.82\% |
| NCCER Electrical - Level 1 (Secondary) | 0.2 | 54 | 47 | 87.04\% |
| Certified Internet Web (CIW) Web Design Specialist | 0.2 | 49 | 38 | 77.55\% |
| RECF Robotics Certification | 0.1 | 49 | 40 | 81.63\% |
| 911 Public Safety Telecommunicator | 0.2 | 44 | 38 | 86.36\% |
| Microsoft Technology Associate (MTA) Database Administration Fundamentals | 0.2 | 41 | 30 | 73.17\% |
| Adobe Certified Expert (InDesign) | 0.1 | 41 | 35 | 85.37\% |
| Accredited Legal Professional (ALP) | 0.2 | 41 | 35 | 85.37\% |
| NCCER Construction Technology (Secondary) | 0.2 | 40 | 34 | 85.00\% |
| NCCER Electrical - Level 2 (Secondary) | 0.2 | 40 | 30 | 75.00\% |
| Adobe Certified Expert (Illustrator) | 0.1 | 39 | 33 | 84.62\% |
| Global Logistics Associate (GLA) | 0.2 | 39 | 29 | 74.36\% |
| Certified Food Safety Manager | 0.2 | 38 | 31 | 81.58\% |
| Pharmacy Technician | 0.2 | 34 | 30 | 88.24\% |
| Microsoft Technology Associate (MTA) HTML5 Application Developer Fundamentals | 0.2 | 34 | 26 | 76.47\% |

[^28]
## Appendix B

Placement Rates of Industry Certification Earner High School Graduates by Certification, 2016-17 Cohort, Sorted by percent Found Employed or Enrolled in Postsecondary Education ${ }^{1}$

| Certification Title | Certification Weight | Industry Certification Earner Graduates with Valid SSN ${ }^{2}$ | Number Found Employed or Enrolled in Postsecondary, Fall 2017 | Percent Found <br> Employed or Enrolled in Postsecondary, Fall 2017 |
| :---: | :---: | :---: | :---: | :---: |
| Toon Boom Certified Associate (Harmony) | 0.1 | 33 | 27 | 81.82\% |
| NASM Certified Personal Trainer (CPT) | 0.1 | 32 | 31 | 96.88\% |
| Fire Fighter I | 0.1 | 31 | 26 | 83.87\% |
| NCCER HVAC - Level 1 (Secondary) | 0.2 | 31 | 21 | 67.74\% |
| Autodesk Certified Professional AutoCAD | 0.2 | 29 | 24 | 82.76\% |
| Certified Internet Web (CIW) Advanced HTML5 \& CSS3 Specialist | 0.2 | 28 | 23 | 82.14\% |
| Chief Architect Certified Apprentice | 0.2 | 28 | 18 | 64.29\% |
| Certified Internet Web (CIW) JavaScript Specialist | 0.2 | 28 | 24 | 85.71\% |
| NCCER Masonry - Level 1 (Secondary) | 0.1 | 27 | 22 | 81.48\% |
| Certified Apprentice Drafter - Mechanical | 0.1 | 27 | 23 | 85.19\% |
| Certified Apprentice Drafter Architectural | 0.2 | 25 | 19 | 76.00\% |
| Autodesk Certified Professional - Inventor | 0.2 | 24 | 18 | 75.00\% |
| ASE Auto Maintenance and Light Repair (G1) | 0.2 | 23 | 20 | 86.96\% |
| CompTIA A+ | 0.2 | 22 | 17 | 77.27\% |
| Autodesk Certified Professional - Revit Architecture | 0.2 | 20 | 18 | 90.00\% |
| Agricultural Communications Certification | 0.1 | 20 | 15 | 75.00\% |
| Modeling \& Simulation (M\&S) Certification | 0.2 | 19 | 13 | 68.42\% |
| Certified Drafter - Architectural | 0.1 | 18 | 13 | 72.22\% |
| FAA Private Pilot | 0.2 | 17 | 13 | 76.47\% |
| National Licensed Practical Nurse (NCLEX-PN) | 0.2 | 17 | 16 | 94.12\% |
| Cisco Certified Entry Network Technician (CCENT) | 0.1 | 16 | 15 | 93.75\% |

[^29]
## Appendix B

Placement Rates of Industry Certification Earner High School Graduates by Certification, 2016-17 Cohort, Sorted by percent Found Employed or Enrolled in Postsecondary Education ${ }^{1}$

| Certification Title | Certification Weight | Industry Certification Earner Graduates with Valid SSN ${ }^{2}$ | Number Found <br> Employed or Enrolled in Postsecondary, Fall 2017 | Percent Found <br> Employed or Enrolled in Postsecondary, Fall 2017 |
| :---: | :---: | :---: | :---: | :---: |
| Certified Internet Web (CIW) ECommerce Specialist | 0.2 | 16 | 14 | 87.50\% |
| ASE - Brakes (A5) | 0.2 | 16 | 13 | 81.25\% |
| Registered Phlebotomy Technician (RPT) | 0.2 | 15 | 13 | 86.67\% |
| Certified Pharmacy Technician (CPhT) | 0.2 | 15 | 14 | 93.33\% |
| CompTIA Network+ | 0.2 | 14 | 5 | 35.71\% |
| NCCER Welding - Level 1 (Secondary) | 0.1 | 14 | 10 | 71.43\% |
| FAA Ground School | 0.2 | 13 | 10 | 76.92\% |
| Oracle Certified Associate (OCA): Java Programmer | 0.2 | 13 | 8 | 61.54\% |
| Certified Drafter - Mechanical | 0.1 | 13 | 11 | 84.62\% |
| Foodservice Management Professional (FMP) | 0.2 | 13 | 9 | 69.23\% |
| Certified Internet Web (CIW) Web Security Associate | 0.1 | 11 | 10 | 90.91\% |
| Microsoft Technology Associate (MTA) Mobility and Devices Fundamentals | 0.1 | 11 | 5 | 45.45\% |
| S.P.A.C.E. Geospatial Certification | 0.1 | 11 | 11 | 100.00\% |
| Water Treatment Plant Operator Level C | 0.1 | 10 | 8 | 80.00\% |
| HVAC Excellence EmploymentReady Air Conditioning | 0.2 | 10 | 5 | 50.00\% |
| STARS GIS Technician | 0.1 | 10 | 10 | 100.00\% |
| ASE - Heating and Air Conditioning (A7) | 0.2 | 9 | 7 | 77.78\% |
| HVAC Excellence Employment Ready Electrical | 0.2 | 8 | 4 | 50.00\% |
| NCCER Painting - Level 1 (Secondary) | 0.1 | 8 | 5 | 62.50\% |
| ASE - Electrical/Electronic Systems (A6) | 0.2 | 8 | 7 | 87.50\% |
| Chief Architect User Certification | 0.1 | 7 | 6 | 85.71\% |
| ASE - Engine Repair (A1) | 0.2 | 7 | 4 | 57.14\% |

${ }^{1}$ Certifications with less than ten graduates with valid SSNs are indicated with an asterisk $\left({ }^{*}\right)$ accompanied by the percentage found employed or enrolled in postsecondary education.
${ }^{2}$ Industry certification graduates who earned more than one certification are included for each certification earned.

## Appendix B

Placement Rates of Industry Certification Earner High School Graduates by Certification, 2016-17 Cohort, Sorted by percent Found Employed or Enrolled in Postsecondary Education ${ }^{1}$

| Certification Title | Certification <br> Weight | Industry <br> Certification <br> Earner Graduates <br> with Valid SSN | Number Found <br> Employed or <br> Enrolled in <br> Postsecondary, <br> Fall 2017 | Percent Found <br> Employed or <br> Enrolled in <br> Postsecondary, <br> Fall 2017 |
| :--- | :---: | :---: | :---: | :---: |
| Air Conditioning Service Technician | 0.2 | 7 | 6 | $85.71 \%$ |
| Air Conditioning Installation <br> Specialization | 0.2 | 7 | 6 | $85.71 \%$ |
| Air to Air Heat Pump Installation <br> Technician | 0.2 | 7 | 6 | $85.71 \%$ |
| Aquaculture Technician | 0.1 | 6 | 5 | $83.33 \%$ |
| Mastercam Certified Programmer Mill <br> Level 1 (CPgM1) | 0.1 | 6 | 5 | $83.33 \%$ |
| CompTIA Security+ | 0.2 | 6 | 5 | $83.33 \%$ |
| NCCER Masonry - Level 2 (Secondary) | 0.1 | 6 | 4 | $66.67 \%$ |
| ASE - Suspension and Steering (A4) | 0.2 | 5 | 5 | $100.00 \%$ |
| Certified Food Associate (CFA) | 0.1 | 4 | 3 | $75.00 \%$ |
| NCCER Masonry - Level 3 (Secondary) | 0.1 | 4 | 3 | $75.00 \%$ |
| Apple Certified Pro (ACP) - Final Cut Pro <br> X | 0.2 | 4 | 4 | $100.00 \%$ |
| Certified Personal Trainer | 0.1 | 4 | 4 | $100.00 \%$ |
| ASE - Painting and Refinishing (B2) | 0.1 | 4 | 2 | $50.00 \%$ |
| LEED Green Associate | 0.2 | 3 | 3 | $100.00 \%$ |
| Wastewater Treatment Plant Operator <br> Level C | 0.1 | 3 | 3 | $100.00 \%$ |
| NCCER Welding - Level 2 (Secondary) | 0.1 | 3 | 2 | $66.67 \%$ |
| FAA Ground Instructor - Basic | 0.1 | 3 | 2 | $66.67 \%$ |
| NCCER Painting - Level 2 (Secondary) | 0.1 | 3 | 2 | $33.33 \%$ |
| Broadband Premises Installer (BPI) | 0.1 | 3 | 2 | $66.67 \%$ |
| MSSC Certified Logistics Technician <br> (CLT) | 0.1 | 2 | 2 | $100.00 \%$ |
| NCCER Painting - Level 3 (Secondary) | 0.1 | 2 | 2 | $50.00 \%$ |
| Adobe Certified Expert (Acrobat) | 0.1 | 0.2 | 2 | 2 |
| Certified Phlebotomy Technician | 0.1 | 2 | $100.00 \%$ |  |
| Visual Line of Sight System Operator <br> (VSO) | 0.1 | 2 | $100.00 \%$ |  |
| Apple Certified Pro (ACP) - Logic Pro X | 0.1 | 1 | $0.00 \%$ |  |
| CompTIA CDIA+ | 0.1 | 1 | $100.00 \%$ |  |
| FAA Aviation Maintenance Technician - <br> General | 2 | $100.00 \%$ |  |  |
|  | 2 | $100.00 \%$ |  |  |

[^30]
## Appendix B

Placement Rates of Industry Certification Earner High School Graduates by Certification, 2016-17 Cohort, Sorted by percent Found Employed or Enrolled in Postsecondary Education ${ }^{1}$

| Certification Title | Certification <br> Weight | Industry <br> Certification <br> Earner Graduates <br> with Valid SSN | Number Found <br> Employed or <br> Enrolled in <br> Postsecondary, <br> Fall 2017 | Percent Found <br> Employed or <br> Enrolled in <br> Postsecondary, <br> Fall 2017 |
| :--- | :---: | :---: | :---: | :---: |
| Oracle Certified Associate (OCA): <br> Database | 0.2 | 1 | 1 | $100.00 \%$ |
| NCCER Carpentry - Level 2 (Secondary) | 0.1 | 1 | 1 | $100.00 \%$ |
| Electronics System Associate (ESA) | 0.2 | 1 | 1 | $100.00 \%$ |
| Certified Electronic Health Record <br> Specialist (CEHRS) | 0.1 | 1 | 1 | $100.00 \%$ |
| ASE - Engine Performance (A8) | 0.2 | 1 | 1 | $100.00 \%$ |
| NCCER Industrial Maintenance - <br> Mechanic Level 2 (Secondary) | 0.1 | 1 | 1 | $100.00 \%$ |
| ASE Master Automobile Technician | 0.1 | 1 | 1 | $0.00 \%$ |
| ASE - Automatic Transmission/Transaxle <br> (A2) | 0.2 | 1 | $0.00 \%$ |  |
| NIMS Machining Level I - Drill Press <br> Skills I | 0.2 | 1 | 1 | $100.00 \%$ |
| ASE - Gasoline Engines (T1) | 0.1 | 1 |  | $0.00 \%$ |
| Adobe Certified Expert (After Effects) | 0.1 | 1 | 1 | $100.00 \%$ |

[^31]
## List of Tables and Figures

## Table 1a: CAPE Participants in Registered Career and Professional Academies and Career-themed Courses by School District, 2017-18 <br> Page 9

Provides counts, by school district and by middle or high school level, of registered careerthemed courses, career and professional academies, academy participants, and CAPE participants

Table 1b: CAPE Participants by Grade Level and Type, 2017-18 Page 13

Provides counts of students, by grade level, who are only registered in career-themed courses, only registered in academies, or who are both registered in a career-themed courses and in academies

Table 1c: CAPE Participants and Industry Certification Attempts by School District, 201718 Page 13

Provides counts, by school district and by middle or high school level, of CAPE participants and the number of CAPE participants who attempted an industry certification

Table 2: Number of Registered Career and Professional Academies by Career Cluster, 2017-18 .Page 16

Provides a count, by career cluster, or middle and high school academies
Figure 1: Percentage of CAPE Participants by Grade Level, 2017-18 Page 17

A pie chart depicting the percentage of CAPE participants by grade level
Table 3: Percentage of CAPE Participants by Grade Level, 2017-18.
A table comparing counts of CAPE and Non-CAPE participants, by grade level, as well as providing the percentage of CAPE students by grade and state-wide

Table 4: Distribution of CAPE Participants and Non-CAPE Participants by Gender and Race/Ethnicity, 2017-18

Page 18
A table providing percentage distribution of CAPE participants and Non-CAPE participants by gender and by race/ethnicity

Table 5a: Industry Certifications Attempted and Earned by CAPE Participants in 2017-18 Page 19

A table providing the funding weight, the number of certifications attempted, the number of certifications passed, and the pass rate for industry certifications earned by CAPE participants

Table 5b: CAPE Digital Tool Certificates Attempted and Earned in 2017-18 Page 25

Provides a list of digital tool certifications with a count of certificates attempted and passed as well as a pass rate percentage by certification

Table 6a: Industry Certifications Earned by Grade Level of CAPE Participants, 2017-18 .Page 26

Provides a count of CAPE and CAPE acceleration industry certifications earned, by grade level
Table 6b: CAPE Digital Tools Earned by Grade Level of Student, 2017-18
Page 26
Provides a count, by grade level, of the CAPE digital tools earned
Table 7a: Industry Certifications Earned by CAPE Participants by School District and School Level, 2017-18. Page 27

By school district, this table provides a count of certifications earned by high school and middle school students including totals for all and the percentages of state totals

Table 7b: Number of CAPE Participants who Earned Industry Certification by Count Earned, 2017-18.

Page 29
Provides a count of students by the number of industry certifications earned
Table 7c: CAPE Digital Tool Certificates Earned by School District and School Level,
2017-18 .....................................................................................................................Page 30
By school district, this table provides a count of CAPE digital tool certifications earned by elementary school and middle school students including totals for all and the percentages of state totals

Table 8: Average Cumulative Grade Point Average of CAPE Participants and Non-CAPE
Participants by Grade Level, 2017-18........................................................................Page 33
Provides a comparison of the average cumulative GPA of CAPE participants and non-CAPE participants by grade level

Table 9: Percentage of CAPE Participants and Non-CAPE Participants Chronically Absent by Grade Level, 2017-18

Page 34
Provides a comparison of the percentage of CAPE participants and non-CAPE participants who demonstrated chronic absenteeism, by grade level

Table 10: Percentage of CAPE Participants and Non-CAPE Participants with Reported Disciplinary Actions by Grade Level, 2017-18 Page 35

Provides a comparison of the percentages of CAPE participants and Non-CAPE participants with disciplinary actions by grade level

Table 11: Percentage of CAPE Participants and Non-CAPE Participants Who Dropped Out by Grade Level, 2017-18 Page 36

Provides a comparison of the dropout rates of CAPE Participants and Non-CAPE Participants by grade level

Table 12: Placement Rates of Various Cohorts of CAPE Participants and Industry
Certification Earner Graduates Compared to All High School Graduates ..............Page 37
This table compares placement rates of all high school graduates, CAPE Academy participants without industry certifications, and CAPE Academy participants who earned industry certifications.

Figure 2: Average Estimated Annual Fulltime Earnings of CAPE Participants, Industry Certification Earners, and All High School Graduates, 2017-18 Page 38

This line graph visually compares average estimated annual fulltime earnings for three groups: all high school graduates, industry certification earners who graduated, and CAPE participants who graduated over multiple years.

Table 13: Placement Rates of Industry Certification Earner High School Graduates by
Certification Funding Weight, 2016-17 Cohort .........................................................Page 39
By certification weight, this table provides the percentage of Industry Certification Earner Graduates found employed or enrolled in postsecondary education

Table 14: Performance by CAPE Participation and Industry Certification Attainment,
2017-18, Grades 9-12 Only ..........................................................................................Page 40
This tables compares multiple populations across multiple performance measures for students in ninth through twelfth grade. The populations include Non-CAPE participants who did not earn an industry certification, CAPE participants who did not earn an industry certification, NonCAPE participants who did earn a certification, CAPE participants who earned an industry certification, all high school students who earned an industry certification, and all high school students who did not earn an industry certification. The performance measures include average GPA, chronic absence, disciplinary actions, dropout rates, $12^{\text {th }}$ graders earning standard diplomas, percentage of students enrolled in at least one accelerated course, and Bright Futures eligible seniors.

Table 15: Five-Year Trends in Career and Professional Participation Data. .Page 41

This table provides a comparison over five years of various indicators including academies registered, career-themed courses registered, percentage of middle school students participating in CAPE, percentage of high school students participating in CAPE, CAPE participants earning industry certifications, certification pass rates, students earning CAPE digital tools, digital tool pass rates, number of students enrolled in CAPE Innovation courses, and the percent of students meeting all CAPE Innovation requirements.

Table 16: Return on Investment - Industry Certifications and College Credit
By industry certification, provides a count of students who earned the industry certification, the potential college credits earned through articulation, and the potential value of the industry certification in terms of college credits obtained.

## Appendix A: Characteristics of Schools with CAPE Participants, 2017-18

Page A-1
By district and school, this table provides characteristics of schools with CAPE participation including school type, school membership, number of CAPE participants, the percent in a CAPE Academy or Career Themed Course, the number of students earning one or more certifications, and the percent of CAPE Participants earning one or more industry certifications.

Appendix B: Placement Rates of Industry Certification Earner High School Graduates by Certification, 2016-17 Cohort, Sorted by Percent Found Employed or Enrolled in Postsecondary Education

Page B-1
By industry certification title, this table provides the certification weight, the number of industry certification earner graduates with valid SSNs, as well as the number and percent of those students found employed or enrolled in postsecondary education.


[^0]:    ${ }^{1}$ 6A-6.0573 (14), Florida Administrative Code
    ${ }^{2}$ Section 1003.492 (2), Florida Statutes

[^1]:    ${ }^{3}$ Section 1011.62(1)(o), Florida Statutes
    ${ }^{4}$ Gold standard articulation agreements are approved by the State Board of Education in Rule 6A-10.0401, F.A.C. A gold standard articulation agreement provides articulated course credit towards specific Associate in Applied Science (AAS), Associate in Science (AS) and College Credit Certificate (CCC) programs.

[^2]:    ${ }^{5}$ Section 1003.4935, Florida Statutes

[^3]:    ${ }^{6}$ Career and professional academy students were identified using the Career and Professional Academy Identifier data element (\#107775). Career-themed courses were identified using Appendix FF.

[^4]:    ${ }^{7}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.
    ${ }^{8}$ Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.
    ${ }^{9}$ Unduplicated count of registered courses by district. Courses were reported at the school of instruction level. If the same course was registered at more than one school in a district, it was only included once.
    ${ }^{10}$ Unduplicated count of students enrolled in at least one career-themed course. If the district of instruction and the district of enrollment were different, students are reported in their district of enrollment.
    ${ }^{11}$ Unduplicated count of students enrolled in at least one registered academy.
    ${ }^{12}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the student and district. Students are counted more than once if they are reported in more than one district during the academic year.

[^5]:    Sources: Career and Professional Academy Registration Database, Appendix FF and FDOE Student Information System

[^6]:    ${ }^{13}$ Unduplicated count of students enrolled in at least one career-themed course and enrolled in no academies.
    ${ }^{14}$ Unduplicated count of students enrolled in at least one registered academy and enrolled in no career-themed courses.
    ${ }^{15}$ Unduplicated count of students enrolled in at least one registered academy and at least one career-themed course.
    ${ }^{16}$ Unduplicated count of students enrolled in either a registered academy or career-themed course. Students are counted more than once if they are reported in more than one district during the academic year.
    ${ }^{17}$ Unduplicated count of CAPE Participants (see note 16) with at least one attempt to earn an industry certification

[^7]:    ${ }^{18}$ Based on data from the FDOE Student Information System as of October 31, 2018.
    ${ }^{19}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.

[^8]:    ${ }^{20}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.
    ${ }^{21}$ Includes students who were not reported enrolled in a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.

[^9]:    ${ }^{22}$ Data was not available at the time this report was published.
    ${ }^{23}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.

[^10]:    ${ }^{24}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.
    ${ }^{25}$ Totals do not match due to error in reporting.

[^11]:    ${ }^{27}$ Includes students enrolled in either a registered academy or career-themed course, unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year. ${ }^{28}$ Includes students not reported enrolled in a registered academy or career-themed course, unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.

[^12]:    ${ }^{29}$ Chronically absent is defined as 21 or more unexcused absences for the academic year.
    ${ }^{30}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.
    ${ }^{31}$ Includes students who were not reported enrolled in a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.

[^13]:    ${ }^{32}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.
    ${ }^{33}$ Includes students who were not reported enrolled in a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.

[^14]:    ${ }^{34}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.
    ${ }^{35}$ Includes students who were not reported enrolled in a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.

[^15]:    ${ }^{36}$ The outcome data have limitations. Regarding employment data, graduates employed outside the state of Florida would not be found unless they are in the military or working for the federal government. Some types of workers, e.g. self-employed, are not in the database. No assumptions can be made regarding occupation or wages. Regarding postsecondary placement, graduates enrolled outside the state would not be found.
    ${ }^{37}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.

[^16]:    ${ }^{38}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.
    ${ }^{39}$ Data for the 2017 All High School Graduates follow-up was not available at the time this report was published.

[^17]:    ${ }^{40}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.
    ${ }^{41}$ Data was not available for 2017-18 graduates at the time this report was published. 2016-17 graduates are presented here.

[^18]:    ${ }^{42}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.
    ${ }^{43}$ Includes articulation agreements for industry certifications that are no longer available from the certifying agency.

[^19]:    ${ }^{44}$ Based on the amount of potential articulated college credit multiplied by the standard resident tuition rate for credit hour programs as identified in Chapter 2014-54, Laws of Florida.

[^20]:    ${ }^{45}$ For certifications with multiple articulation agreements resulting in multiple potential college credit amounts, the lowest potential college credit was used to calculate the estimated total value of college credit.

[^21]:    Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
    ${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
    ${ }^{2}$ Does not include CAPE Digital Tool Certificates.
    An * sign indicates there were less than 10 CAPE participants.
    ** indicates there were fewer than 10 students enrolled in the designated school.

[^22]:    Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
    ${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
    ${ }^{2}$ Does not include CAPE Digital Tool Certificates.
    An * sign indicates there were less than 10 CAPE participants.
    ** indicates there were fewer than 10 students enrolled in the designated school.

[^23]:    Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
    ${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student.
    Students are counted more than once if they are reported in more than one school of instruction during the year.
    ${ }^{2}$ Does not include CAPE Digital Tool Certificates.
    An * sign indicates there were less than 10 CAPE participants.
    ** indicates there were fewer than 10 students enrolled in the designated school.

[^24]:    Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
    ${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
    ${ }^{2}$ Does not include CAPE Digital Tool Certificates.
    An * sign indicates there were less than 10 CAPE participants.
    ** indicates there were fewer than 10 students enrolled in the designated school.

[^25]:    Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
    ${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
    ${ }^{2}$ Does not include CAPE Digital Tool Certificates.
    An * sign indicates there were less than 10 CAPE participants.
    ** indicates there were fewer than 10 students enrolled in the designated school.

[^26]:    Note: A district may have registered an academy and not appear on this list. Only those schools with CAPE enrollment have been included here.
    ${ }^{1}$ Includes students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district, school, and student. Students are counted more than once if they are reported in more than one school of instruction during the year.
    ${ }^{2}$ Does not include CAPE Digital Tool Certificates.
    An * sign indicates there were less than 10 CAPE participants.
    ** indicates there were fewer than 10 students enrolled in the designated school.

[^27]:    ${ }^{1}$ Certifications with less than ten graduates with valid SSNs are indicated with an asterisk ( ${ }^{*}$ ) accompanied by the percentage found employed or enrolled in postsecondary education.
    ${ }^{2}$ Industry certification graduates who earned more than one certification are included for each certification earned.

[^28]:    ${ }^{1}$ Certifications with less than ten graduates with valid SSNs are indicated with an asterisk ( ${ }^{*}$ ) accompanied by the percentage found employed or enrolled in postsecondary education.
    ${ }^{2}$ Industry certification graduates who earned more than one certification are included for each certification earned.

[^29]:    ${ }^{1}$ Certifications with less than ten graduates with valid SSNs are indicated with an asterisk (*) accompanied by the percentage found employed or enrolled in postsecondary education.
    ${ }^{2}$ Industry certification graduates who earned more than one certification are included for each certification earned.

[^30]:    ${ }^{1}$ Certifications with less than ten graduates with valid SSNs are indicated with an asterisk $\left({ }^{*}\right)$ accompanied by the percentage found employed or enrolled in postsecondary education.
    ${ }^{2}$ Industry certification graduates who earned more than one certification are included for each certification earned.

[^31]:    ${ }^{1}$ Certifications with less than ten graduates with valid SSNs are indicated with an asterisk $\left({ }^{*}\right)$ accompanied by the percentage found employed or enrolled in postsecondary education.
    ${ }^{2}$ Industry certification graduates who earned more than one certification are included for each certification earned.

