FLORIDA TEACHER PREPARATION PROGRAMS

2021 Annual Program Performance Reports Summary and Analysis

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RMC RESEARCH

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TABLE OF CONTENTS

EXHIBITS

EXECUTIVE SUMMARY

About this Report

This report shares the 2021 results of each of Florida's state-approved teacher preparation program's annual progress on established performance measures, as well as each program's current approval status.[1] Programs receive summative score ratings, as well as ratings on five performance metrics: placement rate, retention rate, student performance on state assessments, student subgroup performance on state assessments, and teacher evaluation. Teacher preparation programs educating future teachers in critical shortage subjects may also earn a bonus rating.

Recognizing teacher quality as the in-school factor with the greatest impact on student achievement, Florida has implemented new policies to strengthen teacher preparation and certification in recent years, including:

- **Investing in Florida's teachers,** $500 million in state funds to raise minimum teacher salaries to an average of $47,500, and investing another $50 million to support recruitment and retention of effective educators.

- **Passing two new pieces of legislation in 2021** (House Bill 7011 and House Bill 1159) that will further strengthen the state's commitment to improving teacher preparation and will support the state's bold goal of having 90% of all students performing at or above grade level by the end of grade three on the state's reading and language arts assessment by 2024.

- **Engaging in an audit of teacher preparation programs,** focused on reviewing the current teacher preparation accountability system metrics to identify if programs are currently meeting the demands of Florida's public schools as well as the impact of programs on the production of quality teachers.

Report Finding Highlights

- **Summative Scores** - Only 105 of 325 programs (32%) have enough performance data to receive a 2021 summative score ranking.

- **Progress Trends** - More programs' summative scores decreased than increased between 2020 and 2021. Twenty programs improved their summative scores, while 29 programs' scores went down.

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[1] This report is presented to fulfill the requirement of Section 1004.04, Florida Statutes, detailed in State Board of Education Rule 6A-5.006, Florida Administrative Code.

- **Placement Rate** - 178 of 325 programs (55%) received a placement rate score in 2021. Among the programs receiving a score, the average placement rate score was 2.9, a continuation of the downward trend that began in 2020.

- **Retention Rate** - Only 180 of 325 programs (55%) received a retention rate score for 2021. All but five rated programs received a score of 3.0 or 4.0. The average retention rate was 3.3, down slightly from 3.4 last year.

- **Student Performance** - Just 119 of 325 (37%) programs received a score for student learning growth for 2021. The average program score for performance of students on statewide assessments was 2.87, slightly higher than the average of 2.86 last year.

- **Student Subgroup Performance** - Of the 119 programs receiving a score for student subgroup performance on statewide assessments, the average program score for 2021 was 2.70, reversing a downward trend since 2018.

- **Teacher Evaluations** - 242 of 325 programs (74%) received a teacher evaluation score for 2021. The average teacher evaluation score was 3.79, continuing an upward trend since 2014.

- **Bonus Metric–Critical Shortage Areas** - 23 of 179 eligible programs (13%) received the critical shortage area bonus.

Recommendations

The recommendations below clearly indicate the need for a significant overhaul of the teacher preparation accountability system to improve the quality of teacher education programs and to ultimately improve outcomes for Florida's PK-12 students:

- **Increase the number of programs that can be ranked** by addressing the causes of unscored metrics and reevaluating the number of subscores required.

- **Consider alternative weighting formulas** based on evaluation data quality, rigorousness, and differentiation between programs.

- **Rethink the application of the critical shortage area bonus metric** to ensure it is meeting the objective of incentivizing and rewarding the production of the most needed teachers.

- **Modify teacher preparation program accountability system business rules** that may make resulting data less meaningful.

- **Develop and disseminate model surveys** with a set of required items for all programs to meet the new accountability requirement, facilitate implementation, and maximize comparability across programs.

- **Continue to develop a dissemination strategy** that ensures these findings reach the intended audiences.

INTRODUCTION

For half a century, teacher quality has been recognized as the single in-school factor that has the greatest impact on student achievement. Studies on teacher quality have consistently demonstrated that an effective teacher produces additional student learning gains compared to an average teacher.[2]

According to Chetty, Friedman, and Rockoff,[3] the probability of a student attending college increases for students assigned to an effective teacher in a single grade. Furthermore, teacher preparation and certification have been demonstrated to be the strongest correlates of student achievement in reading and mathematics.[4]

Considering these findings, ensuring that every teacher completes a high-quality teacher preparation program and attains certification is critical to meeting Florida's goals for student achievement and academic success. To that end, the state of Florida has implemented teacher quality policies, including Florida's Teacher Preparation Accountability System, focused on ensuring that every student has an effective teacher every year. Additionally, in the 2020-2021 fiscal year, Florida's leadership made a historic investment of $500 million in state funds to raise minimum teacher salaries to an average of $47,500. An additional $50 million was added in the 2021-2022 school year to support Florida's efforts to recruit and retain the nation's most effective educators.

On January 31, 2019, Governor Ron DeSantis issued Executive Order 19-32, outlining a path for Florida to improve its education system by eliminating Common Core and paving the way for Florida students to receive a world-class education to prepare them for jobs of the future. In response, the Florida Department of Education undertook an aggressive effort to revise and implement new English language arts and mathematics academic standards. These revised standards, known as Florida's Benchmarks for Excellent Student Thinking, or B.E.S.T. Standards, were approved by the Florida State Board of Education along with an aggressive three-year

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[2] Hanushek, E. A., & Rivkin, S. G. (2010). Generalizations about Using Value-Added Measures of Teacher Quality. *American Economic Review: Papers & Proceedings 100,* 267–271.

[3] Chetty, R., Friedman, J. N., Rockoff, J. E. (2014). Measuring the Impacts of Teacher II: Teacher Value-Added and Student Outcomes in Adulthood. *American Economic Review, 104*(11), 2633–2679.

[4] Darling-Hammond, L. (2000). Teacher Quality and Student Achievement: A Review of State Policy Evidence. *Education Policy Analysis Archives, 8*(1), https://doi.org/10.14507/epaa.v8n1.2000

implementation plan that ensures that all B.E.S.T. Standards are fully implemented and new assessments to measure their success are in place by 2023. Since that time, the Florida Department of Education has developed and delivered summer institutes and other professional learning opportunities to equip K-12 educators with literacy instructional practices grounded in the Science of Reading as they transitioned to the B.E.S.T. Standards in the 2021-2022 school year. These efforts are continuing as the state prepares to expand implementation of the B.E.S.T. English language arts and mathematics standards to all grade levels in the 2021-2022 school year.

Additionally, Florida has prioritized literacy development since the State Board of Education in November 2019 established a bold goal to have 90% of all Florida students performing at or above grade level by the end of grade three on Florida's state assessment for reading and English language arts by 2024. This commitment to improving reading and literacy skills has been further cemented following a slight decline in Grades 3-10 English Language Arts (ELA) scores on spring 2021 yearend assessments. To combat these declines and ensure that the goal is met, Florida has invested in establishing regional literacy directors and teams to support districts and schools in meeting the needs of their most vulnerable students.

With the passage of House Bills 7011 and 1159 in the 2021 legislative session, Florida has taken steps to further strengthen the state's commitment to high-quality teacher preparation and improving literacy outcomes for students. House Bill 7011 introduces the required completion of the state's reading endorsement in certain program areas[5] of all teacher preparation programs, revises qualifications for district personnel supervising these programs, and modifies entry requirements for Initial Teacher Preparation Programs (ITPs). Additionally, House Bill 1159 expands options for the Florida Department of Education to issue a professional certificate, modifies the Uniform Core Curricula (UCC), requires Educator Preparation Institutes (EPIs) to expand training to district personnel, and permits certain qualifications to satisfy the Professional Educational Test requirement.

This report is presented to fulfill the requirement of Section 1004.04, Florida Statutes, detailed in the State Board of Education Rule 6A-5.006, Florida Administrative Code. This rule requires the Florida Department of Education to report the results of each approved teacher preparation program's annual progress on established performance measures[6] as well as each program's current approval status. In accordance with the statute, this report must be made available to the Governor, the President of the Senate, the Speaker of the House of Representatives, the State Board of Education, the Board of Governors, the Commissioner of Education, Florida teacher preparation programs, school district superintendents, and the general public. As the 2021 edition, this report generally reflects data corresponding to teacher preparation program completers employed in the 2018 – 2019 school year. It provides comparative data[7] from Florida's Teacher Preparation Accountability System to support

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[5] Program areas impacted by this new requirement include Elementary Education (Grades K-6), Prekindergarten-Primary Education (Age 3 through Grade 3), Middle Grades English (Grades 5-9), English (Grades 6-12), Reading (Grades K-12), Reading (endorsement), and English to Speakers of Other Languages (ESOL) (Grades K-12).

[6] Details about the specific timeframe associated with each performance measure are provided in Figure 6.

[7] The data set does not allow for testing of statistically significant differences among the programs. Additionally, there is large variability in the data set, including the size of programs and the number of subscores available for each program.

programs in efforts to continuously improve their content, delivery, and outcomes and to inform policymakers and consumers, including school districts and prospective teacher candidates, about individual program strengths and weaknesses. This report also includes an analysis of the Florida Teacher Certification Examination (FCTE) performance data on the Elementary Education Examination and its subtests. FCTE performance data for other subject areas with significant numbers of teacher candidates are also provided.

No statutory or regulatory changes that directly impact teacher preparation programs and how their performance is measured have been enacted since the last report; however, the Florida Department of Education has continued to engage programs in understanding the B.E.S.T. Standards and the changes required of teacher preparation programs by House Bills 7011 and 1159.

This report provides a brief overview of teacher preparation in Florida and the state's Teacher Preparation Accountability System, followed by:

- Summative findings ranking the overall performance of programs with sufficient data;
- Analysis of each metric used to measure program performance;
- Recommendations for further developing and enhancing the accountability system for consideration by Florida policymakers; and
- Analysis of the FTCE data.

TEACHER PREPARATION IN FLORIDA

There are three types of state-approved programs for new teacher certification in Florida: Initial Teacher Preparation Programs (ITPs), Educator Preparation Institutes (EPIs), and Professional Development Certification Programs (PDCPs).

Initial Teacher Preparation Programs are offered at postsecondary institutions and typically culminate in a bachelor's or master's degree. This is the more traditional pathway to a teaching license.

Educator Preparation Institutes provide an alternate route to educator licensure for prospective teachers including career changers and college graduates who already hold a bachelor's degree. EPI candidates may work as teachers of record while earning their full certification. EPIs are provided by postsecondary institutions and private providers.

Professional Development Certification Programs are an alternate route offered by school districts, charter schools and charter management organizations that allow teachers with temporary licenses to work as teachers of record while earning their full certification.

In 2021 there were 95 providers of teacher preparation programs in Florida. Per Rule 6A-5.066, Florida Administrative Code, eligible providers of teacher preparation programs are Florida postsecondary institutions, private providers, school districts, charter schools, and charter school management organizations. Of the 95 providers, 32 districts and two charter schools run their own PDCPs. Most other providers are institutions of higher education (IHEs), including 33 public IHEs and 25 private IHEs. There are also three non-IHE private providers.

Exhibit 1
Florida Teacher Preparation Program Providers[8]

Provider	Count
District	32
Private IHE	25
State College	23
State University	10
Private Provider	3
Charter	2

■ = 95
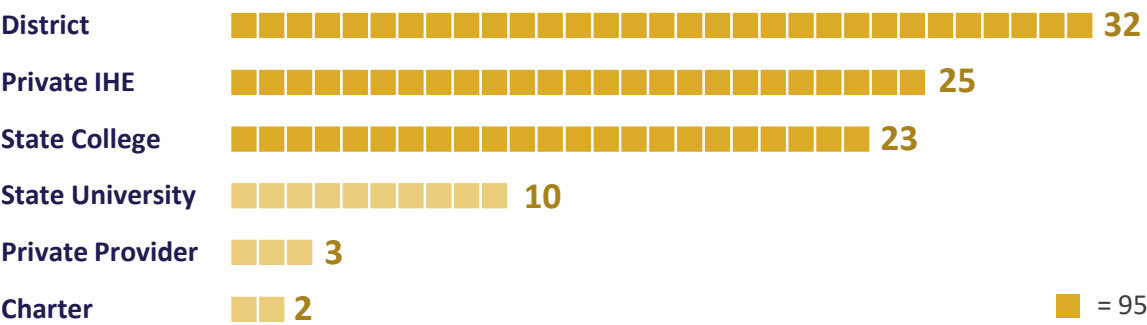
Florida has 398[9] teacher preparation programs. Thirty-two are offered by local school districts, 70 by the Florida College System, 171 by the State University System, 120 by private IHEs, three by private providers, and two by charter school systems. Of the 398 included programs, 26 are EPIs and 32 are district-run PDCPs. The majority of programs in the state, 338, are ITPs. Twelve institutions provide both EPIs and at least one ITP: Broward College, Daytona State College, Florida Gulf Coast University, Florida State College at Jacksonville, Indian River State College, Miami Dade College, Polk State College, Saint Leo University, St. Johns River State College, St. Petersburg College, University of Florida, and University of West Florida.

Exhibit 2
Types of Teacher Preparation Programs

Type	Count
ITP	338
PDCP	34
EPI	26

n = 398

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[8] In 2021, the University of South Florida (USF) merged from three separate campuses to one, reducing the number of state university programs from 12 to 10.
[9] To increase the amount of available performance data that can be considered, some similar programs within an institution are combined for accountability purposes. These aggregations result in the analysis of 325 programs in this report. This is discussed further in the next section and Appendix B.

The University of South Florida offers 36 distinct programs, substantially more than the number offered by any other provider.

Exhibit 3
Florida Institutions Offering 10 or More Preparation Programs

Institution	Programs Offered
University of South Florida	36
Florida International University	20
Florida State University	20
University of Central Florida	19
Florida Atlantic University	15
University of North Florida	14
University of Florida	14
Florida A&M University	13
Rollins College	11
University of West Florida	11
Southeastern University	10

Exhibit 4
Preparation Programs Offered by Providers

Number of Programs	1	2–4	5–9	10–20	> 20
	56 providers	11	18	9	1

█ = 95

The 338 ITPs cover a wide range of subject matter, with the most commonly offered program being Elementary Education, which is offered by more than 50 providers.

Exhibit 5
Subject Areas of Initial Teacher Preparation Programs

Subject Area	Count
Elementary Education	54
Exceptional Student Education	30
Mathematics	26
Biology	25
Music	21
English	19
Social Science	19
Pre-K/Primary Education	16
Chemistry	15
Physics	15
Guidance/Counseling	11
Physical Education	10
Art	9
Middle Grades Math	9
Reading	9
Middle Grades General Science	8
School Psychologist	7
Earth/Space Science	6
French	4
Spanish	4
Drama	2
Middle Grades Social Science	2
Preschool Education	2
Hearing Impaired	2
Agriculture	1
Business Education	1
Chinese	1
German	1
Italian	1
Japanese	1
Latin	1
Middle Grades English	1
Middle Grades Math/General Science	1
Russian	1
School Counseling	1
Technology Education	1
Visually Impaired	1

Florida's Teacher Preparation Accountability System

Florida sets and holds programs to performance standards as outlined in Florida statute and State Board of Education rule with the goal of improving teacher preparedness and ultimately leading to increased outcomes for Florida's students. The state publishes annual reports on individual preparation programs and their performance against these standards. Importantly, Florida evaluates providers at the program level as institutional scores can mask individual program performance in the aggregate. Program-level scores reported by the state[10] allow prospective students and school districts to make more informed choices. Institutions are also provided annual continuous improvement information.

To measure program performance, the Florida Department of Education annually reviews the following data for each program, in accordance with Section 1004.04(4)(a), Florida Statutes:

- Placement rate of program completers into instructional positions in Florida public schools.
- Retention rate for employed program completers in instructional positions in Florida public schools.[11]
- Performance of students in PK through Grade 12 who are assigned to in-field program completers on statewide assessments using the results of Florida's student learning growth formula.
- Performance of students in PK through Grade 12 who are assigned to in-field program completers aggregated by student subgroup.
- Results of program completers' annual teacher evaluations.
- Production of program completers in statewide critical teacher shortage areas.

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[10] The state prioritizes program-level reporting, however, there are instances when data from individual programs are combined to increase the amount of available data. For example, the following programs may be combined for reporting purposes: undergraduate and graduate programs; science programs such as biology, chemistry, or physics; and world language programs such as French and Spanish.
[11] For the placement and retention rate metrics, placement and retention in private schools and out-of-state schools are also considered when data are provided by the institution and verified.

The Annual Program Performance Report (APPR) is a yearly public report card issued by the Florida Department of Education for state-approved teacher preparation programs that include the performance metrics outlined in section 1004.04, F.S., in Figure 6. Programs receive a performance level score ranging from 1 (lowest) to 4 (highest) for the first 5 performance metrics. In addition, programs can receive bonus points for producing program completers in statewide critical teacher shortage areas.[12] Each APPR report provides a summative rating score, between 1 and 4, that is an average of the first 5 performance level scores received. If the program is eligible for the critical teacher shortage area bonus, the summative rating score is calculated by multiplying the bonus score of 4 by 0.2 and adding it to the product of 0.8 and average of all other scores.

Exhibit 6
APPR Performance Metric Timeframe and Minimum Requirements 2021

Performance Metric	Data Timeframe	Minimum Number of Completers for Inclusion
Placement Rate	Results from completers employed in 2017–2018 or 2018–2019	At least 3 completers in the selected cohort time period of 2016–2017
Retention Rate	Results from completers employed in 2014–2015 or 2015–2016 and employed within the 5-year period after initial placement	At least 3 completers in the selected cohort time period of 2013–2014
Student Performance on Statewide Assessments	Results from completers employed in 2018–2019	At least 2 completers who are employed in-field and are from the cohort time period of 2015–2016, 2016–2017 and 2017–2018
Student Performance by Subgroups	Results from completers employed in 2018–2019	At least 2 completers who are employed in-field and are from the cohort time period of 2015–2016, 2016–2017 and 2017–2018
Teacher Evaluation Results	Results from completers employed in 2018–2019	At least 2 completers who are employed in-field and are from the cohort time period of 2015–2016, 2016–2017 and 2017–2018
Critical Teacher Shortage (Bonus Only)	Results from total number of completers in 2018–2019 compared to 2017–2018	At least 2 completers in each year AND at least 1 more completer than in the previous year's cohort

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[12] Refer to the full rubric in Appendix A for additional information about APPR performance metric scoring.

Teacher preparation programs in Florida are granted an initial program approval for a period of seven years. At the end of this period, a Continued Approval Summative Score (CASS) is calculated for each program, consisting of three components. The first component is the average of all annual APPR summative rating scores within the current approval period. The second consists of scores from the Continued Approval Site Visit, conducted in the final year of the initial approval period. The third and final component is the score from an Evidence of Programmatic Improvement Rating, which is based on progress towards goals set in a provider's improvement plan. The final score is determined by weighting the APPR Average Summative Rating 50%, the Continued Approval Site Visit Rating 20%, and the Evidence of Programmatic Improvement Rating 30%. Full approval is granted to programs achieving a score of 2.4 or greater, with those 3.5 or greater receiving full approval with distinction.

Satisfaction surveys of program completers and their employers is a program approval requirement added in 2019 through the legislative process. Program completers are asked to provide feedback on their satisfaction with the preparation for the realities of the classroom. Employers provide feedback on their satisfaction with the program and the program's responsiveness to local school districts.

In January 2020, teacher preparation programs submitted their plans for these surveys, including timeline, desired response rate, and a description of how the surveys would be used for program improvement. In November 2020, a process was established for teacher preparation programs to submit their survey templates, their completed forms and a summary and analysis of the feedback, including any actions to be taken as a result of the findings. These submissions are reviewed annually by the Florida Department of Education, and feedback is provided to programs when necessary. The Florida Department of Education will develop recommendations for State Board of Education consideration about how to incorporate the survey results into the continued program approval process and formula. When that has been determined, the survey data will be included, as appropriate, in future editions of this report.

Teacher Preparation Programs Audit

Based on the findings and recommendations in this report, there is evidence for a significant overhaul of the teacher preparation accountability system to improve the quality of teacher education programs and to ultimately improve outcomes for Florida's PK-12 students. In order to achieve this goal, Florida is engaged in an audit of Florida's teacher preparation programs, evaluating the following:

- An analysis of Florida's state-approved teacher preparation programs to understand if they are currently meeting the demands of Florida's public schools.
- An analysis of Florida's state-approved teacher preparation programs to understand their impact on the production of quality teachers.

- An analysis of Florida's teacher preparation accountability system to ensure metrics identify strengths and opportunities for programs to improve.
- A review to determine and reevaluate the impact of the initial and continued approval processes for Florida's state-approved teacher preparation programs.

2021 FLORIDA TEACHER PREPARATION PROGRAM PERFORMANCE

FINDING

Only 105 out of 325 programs (32%) have enough performance data to receive a 2021 ranking.

As previously noted, in some instances similar programs within an institution are combined to increase the amount of available performance data that can be considered. These aggregations result in the analysis of 325 programs in this report. (See Appendix B for program aggregations.)

For the purposes of this report, programs must have a minimum of four subscores to be ranked. Only 105 programs have the minimum of four subscores necessary for their summative ratings and resulting rankings to be presented here. Thus, rankings are provided for just 32% of analyzed programs. This is an increase from last year's report, in which only 22% of programs had at least four subscores. This relatively low percentage of 32 is due in large part to the lack of student growth data for teachers in many programs. In prior versions of this report, no student growth data for EPIs and PDCPs were available. However, for this year, 34 EPIs and PDCPs have at least four subscores, including a rating for the student growth measure, and are thus included in the 2021 rankings. The Florida Department of Education elected to require at least four subscores, so programs with associated student performance measures are highlighted.

Exhibit 7
Performance Metrics per Program

No. of Subscores	0	1	2	3	4	5
Programs	79	26	29	86	30	75

$n = 325$
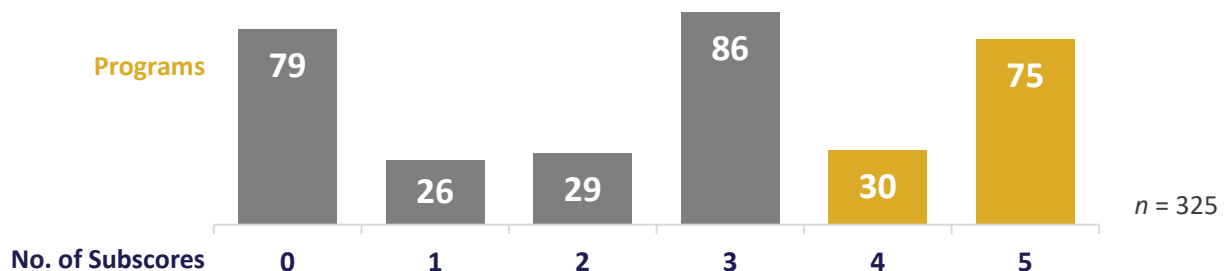
FINDING

Five programs share the top ranking in the state of Florida for 2021: (1) Elementary Education/ESOL/Reading at Flagler College, (2) Elementary Education/ESOL and Elementary Education/ESOL/Reading at Florida Atlantic University, (3) Elementary Education/ESOL/Reading at Florida Southwestern State College, (4) Middle Grades Mathematics and Middle Grades Mathematics (MAT) at University of South Florida, and (5) Middle Grades Math/Middle Grades General Science at University of North Florida.

Exhibit 8
Program Rankings Summary Table all Programs With 4 or 5 Subscores 2021

The color scheme alternates by rank. Programs with the same rank are grouped by color.

Rank	Institution	Program	Summative Score	Completers (> 6 cohorts)
1	Flagler College	Elementary Education/ESE/ESOL/Reading	3.8	220
1	Florida Atlantic University	Elementary Education/ESOL/Reading, and Elementary Education/ESOL	3.8	1,090
1	Florida Southwestern State College	Elementary Education/ESOL/Reading	3.8	380
1	University of South Florida	Middle Grades Mathematics and Middle Grades Mathematics (MAT)	3.8	74
1	University of North Florida	Middle Grades Math/Middle Grades General Science	3.8	29
6	University of South Florida	English/ESOL AND English/ESOL (MAT)	3.7	273
7	Valencia College	Educator Preparation Institute	3.6	476
7	Pasco Hernando State College	Educator Preparation Institute	3.6	257
7	State College of Florida, Manatee-Sarasota	Educator Preparation Institute	3.6	199
7	Gulf Coast State College	Educator Preparation Institute	3.6	130
7	Florida Atlantic University	English/ESOL	3.6	84
7	Florida Atlantic University	Mathematics	3.6	24
7	Barry University	Reading	3.6	121
7	Florida International University	Reading	3.6	143

Rank	Institution	Program	Summative Score	Completers (> 6 cohorts)
15	University of South Florida	Elementary Education/ESE/ESOL/Reading	3.5	380
15	University of North Florida	Mathematics	3.5	35
15	Hillsborough County	Professional Development Certification Program	3.5	706
15	Duval County	Professional Development Certification Program	3.5	277
15	Miami-Dade County	Professional Development Certification Program	3.5	260
15	Pasco County	Professional Development Certification Program	3.5	257
15	Polk County	Professional Development Certification Program	3.5	244
15	Escambia County	Professional Development Certification Program	3.5	211
15	Brevard County	Professional Development Certification Program	3.5	145
15	Alachua County	Professional Development Certification Program	3.5	53
15	Florida Memorial University	Elementary Education/ESOL	3.5	17
15	Northwest Florida State College	Middle Grades Mathematics	3.5	12
27	St. Johns River State College	Educator Preparation Institute	3.4	234
27	St. Petersburg College	Educator Preparation Institute	3.4	119
27	Santa Fe College	Educator Preparation Institute	3.4	95
27	Saint Leo University	Elementary Education/ESOL/Reading	3.4	422
27	University of Florida	Elementary Education/ESOL/Reading	3.4	373
27	University of West Florida	Elementary Education/ESOL/Reading	3.4	101
27	University of Central Florida	English/ESOL	3.4	260
27	Broward College	Middle Grades Mathematics	3.4	23
27	Indian River State College	Middle Grades Mathematics	3.4	52
27	Florida Gulf Coast University	Mathematics	3.4	28
27	Saint Leo University	Reading	3.4	152
27	University of South Florida	Mathematics (MAT) and Mathematics	3.4	112

Rank	Institution	Program	Summative Score	Completers (> 6 cohorts)
39	Broward County	Professional Development Certification Program	3.3	462
39	Manatee County	Professional Development Certification Program	3.3	143
39	Bay County	Professional Development Certification Program	3.3	141
39	University of Tampa	English/ESOL	3.3	18
43	Hillsborough College	Educator Preparation Institute	3.2	652
43	Polk State College	Educator Preparation Institute	3.2	473
43	Broward College	Educator Preparation Institute	3.2	270
43	Palm Beach State College	Educator Preparation Institute	3.2	229
43	Seminole State College	Educator Preparation Institute	3.2	162
43	University of Florida	Educator Preparation Institute	3.2	142
43	Miami Dade College	Educator Preparation Institute	3.2	139
43	Indian River State College	Educator Preparation Institute	3.2	113
43	Florida Gateway College	Educator Preparation Institute	3.2	102
43	Florida Gulf Coast University	Educator Preparation Institute	3.2	83
43	Daytona State College	Educator Preparation Institute	3.2	71
43	Saint Leo University	Middle Grades English/ESOL/ Reading	3.2	32
43	Florida Gulf Coast University	Elementary Education/ESOL/ Reading	3.2	449
43	Florida International University	Elementary Education/ESOL/ Reading and Elementary Education/ESOL	3.2	664
43	St. Petersburg College	Elementary Education/ESOL/ Reading	3.2	373
43	University of North Florida	English/ESOL	3.2	67
43	Florida State University	English/ESOL	3.2	127
43	Southeastern University	English/ESOL	3.2	23
43	Florida State University	Mathematics (FSU-Teach)	3.2	51
43	Florida Atlantic University	Reading	3.2	41
43	University of Central Florida	Reading	3.2	124
43	University of South Florida	Reading	3.2	154
65	Flagler College	Elementary Education/Hearing Impaired/ESOL/Reading	3.0	51

Rank	Institution	Program	Summative Score	Completers (> 6 cohorts)
65	Palm Beach County	Professional Development Certification Program	3.0	383
65	Pinellas County	Professional Development Certification Program	3.0	198
65	Santa Rosa County	Professional Development Certification Program	3.0	57
65	Barry University	Elementary Education/ESOL/Reading	3.0	29
65	Florida A&M University	Elementary Education/ESOL/Reading	3.0	98
65	Northwest Florida State College	Elementary Education/ESOL/Reading	3.0	143
65	Stetson University	Elementary Education/ESOL	3.0	94
65	Warner University	Elementary Education/ESOL	3.0	36
65	University of Florida	English/ESOL	3.0	59
65	Nova Southeastern University	Mathematics	3.0	16
65	Southeastern University	Mathematics	3.0	8
65	Nova Southeastern University	Reading	3.0	33
78	University of Miami	Elementary Education/ESE/ESOL/Reading	2.8	81
78	University of West Florida	Elementary Education/ESE/ESOL/Reading	2.8	329
78	Flagler College	Elementary Education/ESOL/Reading	2.8	184
78	Florida Southern College	Elementary Education/ESOL/Reading AND Elementary Education/ESOL	2.8	211
78	Florida State University	Elementary Education/ESOL/Reading	2.8	466
78	Florida International University	English/ESOL	2.8	36
78	University of Central Florida	Mathematics	2.8	171
78	Orange County	Professional Development Certification Program	2.8	811
78	University of Florida	Elementary Education/ESE/ESOL/Reading	2.8	139
78	South Florida State College	Elementary Education/ESOL/Reading	2.8	36

Rank	Institution	Program	Summative Score	Completers (> 6 cohorts)
88	Daytona State College	Elementary Education/ESOL/ Reading	2.6	246
88	Rollins College	Elementary Education/ESOL	2.6	75
88	Southeastern University	Elementary Education/ESOL/ Reading	2.6	121
88	University of Central Florida	Elementary Education/ESOL/ Reading	2.6	2,320
88	University of West Florida	Reading	2.6	64
93	Southeastern University	Exceptional Student Ed/ Elementary Ed/ESOL/Reading/ Autism Spectrum Disorders	2.5	23
93	Indian River State College	Elementary Education/ESOL/ Reading	2.5	84
93	Chipola College	English Education/ESOL	2.5	20
96	University of West Florida	Educator Preparation Institute	2.4	2,295
96	Chipola College	Elementary Education/ESOL/ Reading	2.4	94
96	Lynn University	Elementary Education/ESOL/ Reading	2.4	21
96	Palm Beach Atlantic University	Elementary Education/ESOL	2.4	99
96	University of North Florida	Elementary Education/ESOL	2.4	570
101	University of Tampa	Elementary Education/ESOL/ Reading	2.3	78
101	Florida International University	Mathematics	2.3	14
103	University of South Florida	Elementary Education/ESOL (MAT), Elementary Education/ ESOL/Reading, and Elementary Education/ESOL	2.2	1,322
103	St. Petersburg College	Middle Grades Mathematics	2.2	30
103	Miami Dade College	Mathematics	2.2	39

Full program ratings, including all subscores, can be found in Appendix C. The average summative rating for ranked programs in 2021 is 3.1, which is the same as in 2020. The average summative rating score for the four years preceding 2020 was 3.0. Prior reports have noted that some of the largest programs in the state generally have below average performance ratings. In 2021, four of the five largest programs are below the state average summative rating of 3.1. However, the fourth largest program, Elementary Education/ESOL/Reading and Elementary Education/ESOL (aggregated programs) at Florida Atlantic University, has a higher than average summative rating of 3.8, and has maintained a rank of one since 2020.

Exhibit 9

Relative Size of 15 Highest and 15 Lowest Performing Programs

The number of program completers ranged from 2,295 to 14. *(Note that this number includes multiple cohorts of completers over multiple years.)*

APPR scores ranged from 3.8 to 2.2. Programs with scores between 3 and 4 are considered high performing.

The 2 programs with the most completers are on the lower end of the performance measure.

	APPR SCORE:	**1** (low score)	**2**	**3** (high score)	**4**
University of West Florida Educator Preparation Institute		2.4	program completers:	2,295	
University of South Florida Elementary Education/ESOL/Reading		2.2	1,322		
Florida Atlantic University Elementary Education/ESOL/Reading		1,090			3.8
University of North Florida Elementary Education/ESOL		570	2.4		
Valencia College Educator Preparation Institute		476		3.6	
Florida Southwestern State College Elementary Education/ESOL/Reading		380		3.8	
University of South Florida Elementary Education/ESE/ESOL/Reading		380		3.5	
University of South Florida English/ESOL		273		3.7	
Pasco Hernando State College Educator Preparation Institute		257		3.6	
Daytona State College Elementary Education/ESOL/Reading		246	2.6		
Flagler College Elementary Education/ESE/ESOL/Reading		220		3.8	
State College of Florida, Manatee-Sarasota Educator Preparation Institute		199		3.6	
Florida International Univeristy Reading		143		3.6	
Gulf Coast State College Educator Preparation Institute		130		3.6	
Barry University Reading		121		3.6	
Palm Beach Atlantic University Elementary Education/ESOL		99	2.4		
Chipola College Elementary Education/ESOL/Reading		94	2.4		
Florida Atlantic University English/ESOL		84		3.6	
Indian River State College Elementary Education/ESOL/Reading		84	2.5		
University of Tampa Elementary Education/ESOL/Reading		78	2.3		
Rollins College Elementary Education/ESOL		75	2.6		
University of South Florida Middle Grades Mathematics		74		3.8	
Miami Dade College Mathematics		39	2.2		
St. Petersburg College Middle Grades Mathematics		30	2.2		
University of North Florida Middle Grades Mathematics		29		3.8	
Florida Atlantic University Mathematics		24		3.6	
Southeastern University ESE/Elementary Ed/ESOL/Reading/ASD		23	2.5		
Lynn University Elementary Education/ESOL/Reading		21	2.4		
Chipola College Elementary Education/ESOL		20	2.5		
Florida International University Mathematics		14	2.3		

Exhibit 10
Five Largest Programs Ratings and Rankings

Institution	Program	Completers	Summative Score	2021 Rank	2020 Rank
1. University of Central Florida	Elementary Education/ ESOL/Reading	2,320	2.6	88	76
2. University of West Florida	Educator Preparation Institute	2,295	2.4	96	Not included in 2020 rankings
3. University of South Florida	Elementary Education/ESOL (MAT) AND Elementary Education/ESOL/Reading AND Elementary Education/ESOL	1,322	2.2	103	69
4. Florida Atlantic University	Elementary Education/ ESOL/Reading AND Elementary Education/ESOL	1,090	3.8	1	1
5. Orange County	Professional Development Certification Program	811	2.8	78	Not included in 2020 rankings

Of the 95 providers of teacher preparation programs in Florida, 60 providers are represented in the rankings. Twenty-one providers operate multiple ranked programs. Institutional summaries of ranked programs can be found in Appendix D.

FINDING

At the elementary level, the top-ranked programs are Elementary Education/ESE/ESOL/ Reading at Flagler College, Elementary Education/ESOL/Reading at Florida Southwestern State College, and Elementary Education/ESOL/Reading and Elementary Education/ESOL at Florida Atlantic University.

Exhibit 11
Rankings Summary Table Elementary Education Programs 2021

The color scheme alternates by rank. Programs with the same rank are grouped by color.

Rank	Institution	Program	Summative Score	Completers (> 6 cohorts)
1	Flagler College	Elementary Education/ESE/ESOL/Reading	3.8	220
1	Florida Southwestern State College	Elementary Education/ESOL/Reading	3.8	380
1	Florida Atlantic University	Elementary Education/ESOL/Reading AND Elementary Education/ESOL	3.8	1,090
4	University of South Florida	Elementary Education/ESE/ESOL/Reading	3.5	380
4	Florida Memorial University	Elementary Education/ESOL	3.5	17
5	University of Florida	Elementary Education/ESOL/Reading	3.4	373
5	University of West Florida	Elementary Education/ESOL/Reading	3.4	101
5	Saint Leo University	Elementary Education/ESOL/Reading	3.4	422
8	Florida Gulf Coast University	Elementary Education/ESOL/Reading	3.2	449
8	St. Petersburg College	Elementary Education/ESOL/Reading	3.2	373
8	Florida International University	Elementary Education/ESOL/Reading and Elementary Education/ESOL	3.2	664
11	Stetson University	Elementary Education/ESOL	3.0	94
11	Barry University	Elementary Education/ESOL/Reading	3.0	29
11	Florida A&M University	Elementary Education/ESOL/Reading	3.0	98
11	Northwest Florida State College	Elementary Education/ ESOL/Reading	3.0	143
11	Flagler College	Elementary Education/ Hearing Impaired/ESOL/Reading	3.0	51
11	Warner University	Elementary Education/ESOL	3.0	36
17	University of Miami	Elementary Education/ESE/ESOL/Reading	2.8	81
17	University of West Florida	Elementary Education/ESE/ESOL/Reading	2.8	329
17	University of Florida	Elementary Education/ESE/ESOL/Reading	2.8	139
17	Flagler College	Elementary Education/ESOL/Reading	2.8	184
17	Florida State University	Elementary Education/ESOL/Reading	2.8	466

Rank	Institution	Program	Summative Score	Completers (> 6 cohorts)
17	Florida Southern College	Elementary Education/ESOL/Reading AND Elementary Education/ESOL	2.8	211
17	South Florida State College	Elementary Education/ESOL/Reading	2.8	36
24	Rollins College	Elementary Education/ESOL	2.6	75
24	Southeastern University	Elementary Education/ESOL/Reading	2.6	121
24	University of Central Florida	Elementary Education/ESOL/Reading	2.6	2320
24	Daytona State College	Elementary Education/ESOL/Reading	2.6	246
28	Indian River State College	Elementary Education/ESOL/Reading	2.5	84
29	Palm Beach Atlantic University	Elementary Education/ESOL	2.4	99
29	University of North Florida	Elementary Education/ESOL	2.4	570
29	Lynn University	Elementary Education/ESOL/Reading	2.4	21
29	Chipola College	Elementary Education/ESOL/Reading	2.4	94
33	University of Tampa	Elementary Education/ESOL/Reading	2.3	78
34	University of South Florida	Elementary Education/ESOL (MAT), Elementary Education/ESOL/Reading, and Elementary Education/ESOL	2.2	1,322

The average summative score for elementary education programs is 2.9, lower than the average summative score of 3.1 for all programs, which continues a pattern from previous years.

FINDING

The highest ranked English Education or Reading program is English/ESOL and English/ESOL (MAT) at the University of South Florida, with a summative score of 3.7.

Exhibit 12
English and Reading Programs Rankings Summary 2021

The color scheme alternates by rank. Programs with the same rank are grouped by color.

Rank	Institution	Program	Summative Score	Completers (> 6 cohorts)
1	University of South Florida	English/ESOL AND English/ESOL (MAT)	3.7	273
2	Florida Atlantic University	English/ESOL	3.6	84
2	Barry University	Reading	3.6	121
2	Florida International University	Reading	3.6	143
5	University of Central Florida	English/ESOL	3.4	260
5	Saint Leo University	Reading	3.4	152
7	University of Tampa	English/ESOL	3.3	18
8	University of North Florida	English/ESOL	3.2	67
8	Florida State University	English/ESOL	3.2	127
8	Southeastern University	English/ESOL	3.2	23
8	Saint Leo University	Middle Grades English/ESOL/Reading	3.2	32
8	Florida Atlantic University	Reading	3.2	41
8	University of Central Florida	Reading	3.2	124
8	University of South Florida	Reading	3.2	154
15	University of Florida	English/ESOL	3	59
15	Nova Southeastern University	Reading	3	33
17	Florida International University	English/ESOL	2.8	36
18	University of West Florida	Reading	2.6	64
19	Chipola College	English Education/ESOL	2.5	20

The average score for English and/or Reading programs is 3.2, higher than the average of 3.1 for all programs, but lower than last year's average of 3.3.

FINDING

The highest ranked programs for mathematics are Middle Grades Math/Middle Grades General Science at the University of North Florida, and Middle Grades Mathematics and Middle Grades Mathematics (MAT) at the University of South Florida.

Exhibit 13
Mathematics Programs Rankings Summary 2021

The color scheme alternates by rank. Programs with the same rank are grouped by color.

Rank	Institution	Program	Summative Score	Completers (> 6 cohorts)
1	University of North Florida	Middle Grades Math/Middle Grades General Science	3.8	29
1	University of South Florida	Middle Grades Mathematics and Middle Grades Mathematics (MAT)	3.8	74
3	Florida Atlantic University	Mathematics	3.6	24
4	University of North Florida	Mathematics	3.5	35
4	Northwest Florida State College	Middle Grades Mathematics	3.5	12
6	Florida Gulf Coast University	Mathematics	3.4	28
6	University of South Florida	Mathematics (MAT) and Mathematics	3.4	112
6	Broward College	Middle Grades Mathematics	3.4	23
6	Indian River State College	Middle Grades Mathematics	3.4	52
10	Florida State University	Mathematics (FSU-Teach)	3.2	51
11	Nova Southeastern University	Mathematics	3	16
11	Southeastern University	Mathematics	3	8
13	University of Central Florida	Mathematics	2.8	171
14	Florida International University	Mathematics	2.3	14
15	Miami Dade College	Mathematics	2.2	39
15	St. Petersburg College	Middle Grades Mathematics	2.2	30

The average rating for mathematics programs is 3.2, higher than the average for all programs of 3.1 and an increase from last year's mathematics program average of 3.1.

Exhibit 14
Average Summative Score by Program Type 2021

	Score
English/Reading	**3.20**
Mathematics	**3.20**
Elementary Programs	**2.90**
All Programs	**3.10**

1 (low score)   (high score) 4
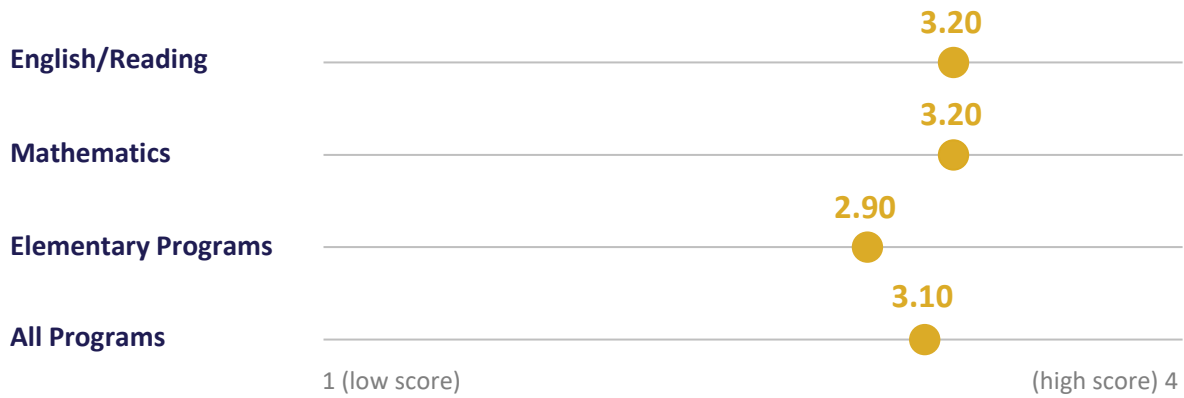
Progress Trends

FINDING

More programs' summative scores decreased than increased between 2020 and 2021. Twenty programs improved their summative scores, while 29 programs' scores went down.

Exhibit 15
Change in Program Performance Scores 2020-2021

Programs			
29 Lower	**23** Higher	**13** Unchanged	**40** Not Rated

n = 105
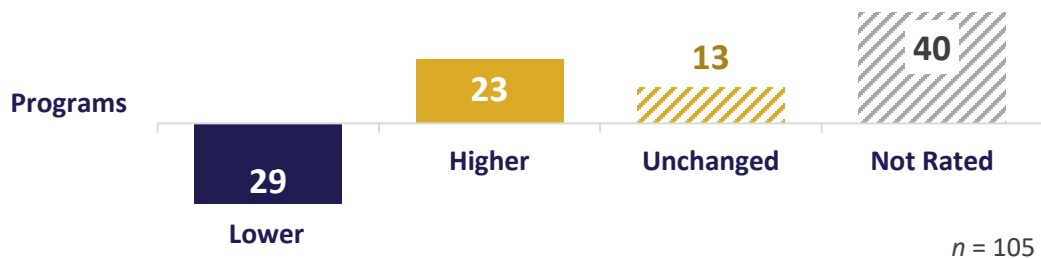
Exhibit 16
Progress Trends in Program Summative Scores 2020-2021

2021 is the first year in which many Professional Development Certification and Educator Preparation Institute programs received summative scores, and thus do not have a progress trend compared to 2020. Dashes indicate that data are not applicable.

Institution	Program	2021 Score	2020 Score	Progress Trend
Alachua County	Professional Development Certification Program	3.5	–	–
Barry University	Elementary Education/ESOL/Reading	3.0	3.2	⬇
Barry University	Reading	3.6	3.4	⬆
Bay County	Professional Development Certification Program	3.3	–	–
Brevard County	Professional Development Certification Program	3.5	–	–
Broward College	Educator Preparation Institute	3.2	–	–
Broward College	Middle Grades Mathematics	3.4	2.8	⬆
Broward County	Professional Development Certification Program	3.3	–	–
Chipola College	Elementary Education/ESOL/Reading	2.4	3.2	⬇
Chipola College	English Education/ESOL	2.5	3.0	⬇
Daytona State College	Educator Preparation Institute	3.2	–	–
Daytona State College	Elementary Education/ESOL/Reading	2.6	2.4	⬆
Duval County	Professional Development Certification Program	3.5	—	–
Escambia County	Professional Development Certification Program	3.5	—	–
Flagler College	Elementary Education/ESE/ESOL/Reading	3.5	3.5	⬌
Flagler College	Elementary Education/Hearing Impaired/ESOL/Reading	2.8	2.8	⬌
Flagler College	Elementary Education/ESOL/Reading	3.0	3.0	⬌
Florida A&M University	Elementary Education/ESOL/Reading	3.0	3.4	⬇
Florida Atlantic University	Elementary Education/ESOL/Reading AND Elementary Education/ESOL	3.8	3.8	⬌
Florida Atlantic University	English/ESOL	3.6	3.4	⬆
Florida Atlantic University	Mathematics	3.6	2.8	⬆
Florida Atlantic University	Reading	3.2	3.4	⬇
Florida Gateway College	Educator Preparation Institute	3.2	–	–

Institution	Program	2021 Score	2020 Score	Progress Trend
Florida Gulf Coast University	Educator Preparation Institute	3.2	–	–
Florida Gulf Coast University	Elementary Education/ESOL/Reading	3.2	3.0	⬆
Florida Gulf Coast University	Mathematics	3.4	3.5	⬇
Florida International University	Elementary Education/ESOL/Reading and Elementary Education/ESOL	3.2	3.4	⬇
Florida International University	Reading	3.6	3.6	⬅➡
Florida International University	Mathematics	2.3	–	–
Florida International University	English/ESOL	2.8	3.5	⬇
Florida Memorial University	Elementary Education/ESOL	3.5	3.6	⬇
Florida Southern College	Elementary Education/ESOL/Reading AND Elementary Education/ESOL	2.8	2.8	⬅➡
Florida Southwestern State College	Elementary Education/ESOL/Reading	3.8	2.8	⬆
Florida State University	Elementary Education/ESOL/Reading	2.8	3.8	⬇
Florida State University	English/ESOL	3.2	3.0	⬆
Florida State University	Mathematics (FSU-Teach)	3.2	3.4	⬇
Gulf Coast State College	Educator Preparation Institute	3.6	–	–
Hillsborough College	Educator Preparation Institute	3.2	–	–
Hillsborough County	Professional Development Certification Program	3.5	–	–
Indian River State College	Educator Preparation Institute	3.2	–	–
Indian River State College	Elementary Education/ESOL/Reading	2.5	3.0	⬇
Indian River State College	Middle Grades Mathematics	3.4	3.8	⬇
Lynn University	Elementary Education/ESOL/Reading	2.4	2.8	⬇
Manatee County	Professional Development Certification Program	3.3	–	–
Miami Dade College	Educator Preparation Institute	3.2	–	–
Miami Dade College	Mathematics	2.2	2.8	⬇
Miami-Dade County	Professional Development Certification Program	3.5	–	–

Institution	Program	2021 Score	2020 Score	Progress Trend
Northwest Florida State College	Elementary Education/ESOL/Reading	3.0	3.2	⬇
Northwest Florida State College	Middle Grades Mathematics	3.5	3.0	⬆
Nova Southeastern University	Mathematics	3.0	3.8	⬇
Nova Southeastern University	Reading	3.0	3.6	⬇
Orange County	Professional Development Certification Program	2.8	–	–
Palm Beach Atlantic University	Elementary Education/ESOL	2.4	2.8	⬇
Palm Beach County	Professional Development Certification Program	3.0	–	–
Palm Beach State College	Educator Preparation Institute	3.2	–	–
Pasco County	Professional Development Certification Program	3.5	–	–
Pasco Hernando State College	Educator Preparation Institute	3.6	–	–
Pinellas County	Professional Development Certification Program	3.0	–	–
Polk County	Professional Development Certification Program	3.5	–	–
Polk State College	Educator Preparation Institute	3.2	–	–
Rollins College	Elementary Education/ESOL	2.6	2.6	⬌
Saint Leo University	Elementary Education/ESOL/Reading	3.4	3.4	⬌
Saint Leo University	Reading	3.4	3.8	⬇
Saint Leo University	Middle Grades English/ESOL/Reading	3.2	3.2	⬌
Santa Fe College	Educator Preparation Institute	3.4	–	–
Santa Rosa County	Professional Development Certification Program	3.0	–	–
Seminole State College	Educator Preparation Institute	3.2	–	–
South Florida State College	Elementary Education/ESOL/Reading	2.8	3.5	⬌
Southeastern University	Elementary Education/ESOL/Reading	2.6	3.3	⬌
Southeastern University	English/ESOL	3.2	–	–
Southeastern University	Exceptional Student Ed/Elementary Ed/ESOL/Reading/Autism Spectrum Disorders	2.5	3.3	⬇

Institution	Program	2021 Score	2020 Score	Progress Trend
Southeastern University	Mathematics	3.0	–	–
St. Johns River State College	Educator Preparation Institute	3.4	–	–
St. Petersburg College	Educator Preparation Institute	3.4	–	–
St. Petersburg College	Elementary Education/ESOL/Reading	3.2	3.0	⬆
St. Petersburg College	Middle Grades Mathematics	2.2	3.4	⬇
State College of Florida, Manatee-Sarasota	Educator Preparation Institute	3.6	–	–
Stetson University	Elementary Education/ESOL	3.0	2.4	⬆
University of Central Florida	Elementary Education/ESOL/Reading	2.6	2.4	⬆
University of Central Florida	English/ESOL	3.4	3.0	⬆
University of Central Florida	Mathematics	2.8	3.0	⬇
University of Central Florida	Reading	3.2	3.6	⬇
University of Florida	Educator Preparation Institute	3.2	–	–
University of Florida	Elementary Education/ESOL/Reading	3.4	3.4	⬌
University of Florida	Elementary Education/ESE/ESOL/Reading	2.8	3.2	⬇
University of Florida	English/ESOL	3.0	3.7	⬇
University of Miami	Elementary Education/ESE/ESOL/Reading	2.8	2.2	⬆
University of North Florida	Elementary Education/ESOL	2.4	3.2	⬇
University of North Florida	English/ESOL	3.2	3.2	⬌
University of North Florida	Middle Grades Math/Middle Grades General Science	3.8	3.0	⬆
University of North Florida	Mathematics	3.5	2.8	⬆
University of South Florida[13]	Elementary Education/ESE/ESOL/Reading	3.5	–	–
University of South Florida	Elementary Education/ESOL (MAT), Elementary Education/ESOL/Reading, and Elementary Education/ESOL	2.2	–	–
University of South Florida	English/ESOL AND English/ESOL (MAT)	3.7	2.8	⬆

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[13] In 2021 the University of South Florida merged three separate campuses into one system. 2020 scores and progress trends are thus not available for several programs that have been combined into a single university program.

Institution	Program	2021 Score	2020 Score	Progress Trend
University of South Florida	Middle Grades Mathematics and Middle Grades Mathematics (MAT)	3.8	3.5	⬆
University of South Florida	Mathematics (MAT) and Mathematics	3.4	3.2	⬆
University of South Florida	Reading	3.2	–	–
University of Tampa	Elementary Education/ESOL/Reading	2.3	2.8	⬇
University of Tampa	English/ESOL	3.3	2.8	⬆
University of West Florida	Educator Preparation Institute	2.4	–	–
University of West Florida	Elementary Education/ESOL/Reading	3.4	3.2	⬆
University of West Florida	Elementary Education/ESE/ESOL/Reading	2.8	2.6	⬆
University of West Florida	Reading	2.6	3.2	⬇
Valencia College	Educator Preparation Institute	3.6	–	–
Warner University	Elementary Education/ESOL	3.0	2.6	⬆

FINDING

Elementary/ESOL/Reading at Florida Southwestern State College had the greatest increase in summative score, rising from a 2.8 in 2020 to a 3.8 this year. Middle Grades Mathematics at St. Petersburg College had the greatest decrease of any program, dropping from a 3.4 in 2020 to a 2.2 in 2021.

Exhibit 17
Programs With Biggest Increases and Decreases

Institution	Program	Change in Score 2020 to 2021	Program Completers (> 6 cohorts)
Florida Southwestern State College	Elementary Education/ESOL/Reading	+1	380
Florida Atlantic University	Mathematics	+0.8	24
University of North Florida	Middle Grades Math/Middle Grades General Science	+0.8	29
Chipola College	Elementary Education/ESOL/Reading	-0.8	94
Nova Southeastern University	Mathematics	-0.8	16
Southeastern University	Exceptional Student Ed/Elementary Ed/ ESOL/Reading/Autism Spectrum Disorders	-0.8	23
University of North Florida	Elementary Education/ESOL	-0.8	570
Florida State University	Elementary Education/ESOL/Reading	-1	466
St. Petersburg College	Middle Grades Mathematics	-1.2	30

ANALYSIS OF PERFORMANCE METRICS

Performance Metric 1—Placement Rate

Placement rate is defined as the number of program completers reported annually as employed in a full-time or part-time instructional position in a Florida public school district in either the first or second academic year subsequent to program completion.

In general, a high placement rate may indicate that program completers have little difficulty finding employment. A low placement rate may indicate that there is little demand for the new teachers produced by a given program. This could be a reflection of the perceived quality of new teachers trained by that program or could result from little demand in general for teachers of particular grades and subjects or regional variations in hiring. Additionally, a low placement rate may indicate that a program's completers are working as teachers out of state or in private schools or other settings that are not tracked by their institutions. Institutions have the option to complete forms for the inclusion of out-of-state and privately employed completers, but not all choose to do this.

The implicit differences in demand for certain types of teachers are addressed in the scoring of this metric by comparing each program's placement rate to the average placement rate for all programs producing teachers of those grades and subjects. For example, programs producing elementary teachers are compared to the average placement rate for elementary teachers; programs producing secondary mathematics teachers are compared to the average placement rate for secondary mathematics teachers.

Exhibit 18
Placement Rate Scoring Rubric

Level 4	Placement rate is at or above the 68th percentile of all equivalent programs across the state.
Level 3	Placement rate is at or above the 34th percentile and below the 68th percentile of all equivalent programs across the state.
Level 2	Placement rate is at or above the 5th percentile and below the 34th percentile of all equivalent programs across the state.
Level 1	Placement rate is below the 5th percentile of all equivalent programs across the state.

FINDING

178 out of 325 programs (55%) received a placement rate score for 2021. Among the programs receiving a score, the average placement rate score was 2.9, a continuation of the downward trend that began in 2020.

Exhibit 19
Average Placement Rate Score 2014-2021

3.06	2.95	2.86	2.96	2.98	3.00	2.96	2.90
2014	2015	2016	2017	2018	2019	2020	2021
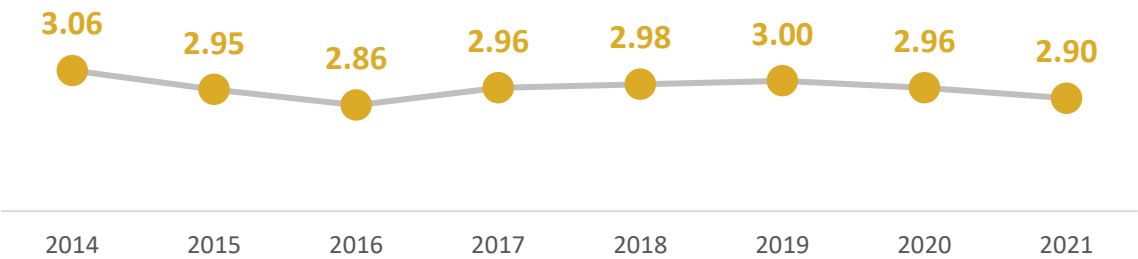
Exhibit 20
Distribution of Placement Rate Scores

Programs

Score	1 Low	2	3	4 High	Not Rated	NR PDCP
	22	36	58	62	113	34

n = 325
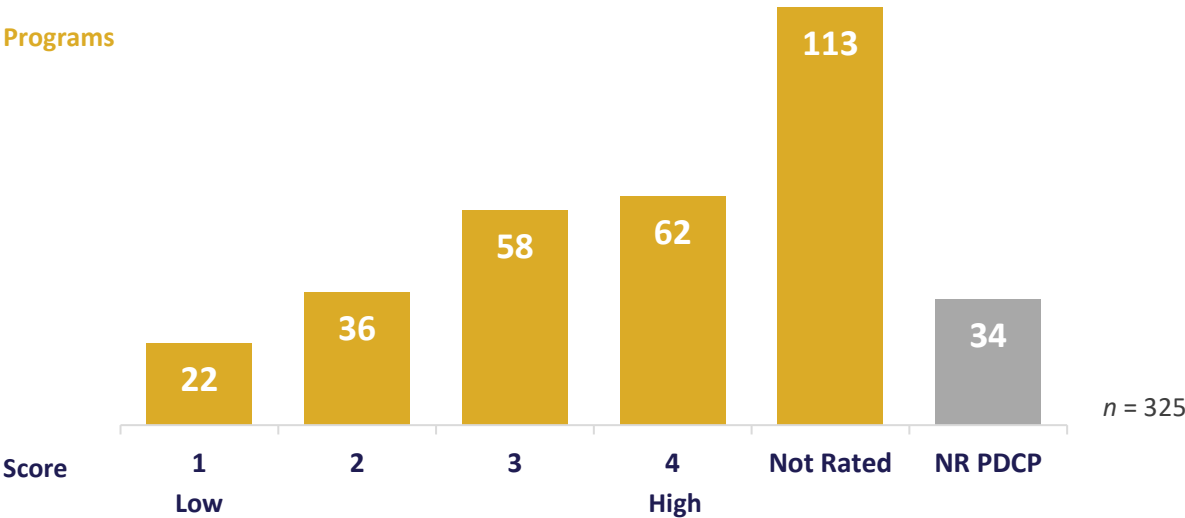
Placement rate is not applicable to PDCPs, since candidates in these programs are already employed as teachers. This contributes to the high percentage of programs not rated on this metric, but 113 non-PDCPs are also not rated. The percentage of non-PDCP programs not rated increased this year to 34% from 33% in 2020.

Exhibit 21
Programs Receiving Highest Score (4.0) for Placement Rate

Institution	Program	New Teachers Placed (> 6 cohorts)
Barry University	Guidance and Counseling	10
Barry University	Reading	121
Broward College	Exceptional Student Education/ESOL/Reading	332
Broward College	Middle Grades Mathematics	23
Chipola College	Exceptional Student Education/ESOL/Reading	15
Daytona State College	Biology	22
Daytona State College	Educator Preparation Institute	71
Daytona State College	Elementary Education/ESOL/Reading	246
Flagler College	Elementary Education/ESE/ESOL/Reading	220
Florida A&M University	Pre–K/Primary Ed/ESOL/Reading	20
Florida Atlantic University	Guidance and Counseling	82
Florida Atlantic University	Elementary Education/ESOL/ Reading and Elementary Education/ESOL	1,090
Florida Atlantic University	English/ESOL	84
Florida Gateway College	Educator Preparation Institute	102
Florida Gulf Coast University	Educator Preparation Institute	83
Florida Gulf Coast University	Exceptional Student Education/ESOL/Reading	130
Florida International University	School Psychologist	36
Florida International University	Pre–K/Primary Education/ESOL	138
Florida International University	Pre–K/Primary Ed/ESOL/Reading	138
Florida Southern College	Elementary Education/ESOL/ Reading and Elementary Education/ESOL	211
Florida Southwestern State College	Elementary Education/ESOL/Reading	380
Florida State University	Mathematics (FSU-Teach)	51
Gulf Coast State College	Educator Preparation Institute	130

Institution	Program	New Teachers Placed (> 6 cohorts)
Hillsborough College	Educator Preparation Institute	652
Indian River State College	Exceptional Student Education/ESOL and Exceptional Student Education/ESOL/Reading	115
Indian River State College	Elementary Education/ESOL/Reading	84
Miami Dade College	Educator Preparation Institute	139
Pasco Hernando State College	Educator Preparation Institute	257
Polk State College	Educator Preparation Institute	473
Saint Leo University	Exceptional Student Education and Exceptional Student Education/ESOL/Reading	97
Saint Leo University	Reading	152
Santa Fe College	Educator Preparation Institute	95
Seminole State College	Educator Preparation Institute	162
South Florida State College	Elementary Education/ESOL/Reading	36
Southeastern University	English/ESOL	23
St. Johns River State College	Pre–K/Primary Ed/ESOL/Reading	119
St. Johns River State College	EDUCATOR PREPARATION INSTITUTE	234
St. Petersburg College	Pre–K/Primary Ed/ESOL/Reading	53
St. Petersburg College	Mathematics	31
St. Petersburg College	Educator Preparation Institute	119
St. Petersburg College	Elementary Education/ESOL/Reading	373
St. Petersburg College	Middle Grades Mathematics	30
State College of Florida, Manatee-Sarasota	Educator Preparation Institute	199
Stetson University	Music	62
University of Central Florida	Music	84
University of Central Florida	Guidance and Counseling	116
University of Central Florida	School Psychologist	88
University of Central Florida	Art	64
University of Florida	Art	17
University of Florida	Preschool Ed/Pre–K Primary Ed/ Pre–K Disabilities/ESOL	97
University of Florida	Elementary Education/ESOL/Reading	373
University of Florida	Educator Preparation Institute	142
University of North Florida	PK-Primary Education/ESOL	72

Institution	Program	New Teachers Placed (> 6 cohorts)
University of North Florida	Social Science	54
University of North Florida	English/ESOL	67
University of South Florida	Biology and Biology MAT, Chemistry and Chemistry MAT, Physics and Physics MAT, Middle Grades General Science	101
University of South Florida	Middle Grades Mathematics and Middle Grades Mathematics (MAT)	74
University of Tampa	Physical Education	15
University of Tampa	Social Science	17
University of Tampa	Biology	11
University of West Florida	Music	29
University of West Florida	Elementary Education/ESOL/Reading	101
Valencia College	Educator Preparation Institute	476

All of the 63 programs that received the highest score for new teacher placement placed at least ten teachers. Interestingly, given the national focus on the need for more STEM (science, technology, engineering and mathematics) teachers, the average placement rate of programs producing these teachers is 2.81, lower than the average placement rate of all programs (2.90).

FINDING

More than half of EPIs (15 out of 26 programs) received the highest score for new teacher placement.

Exhibit 22
Subject Matter of Programs Receiving Highest Placement Scores

Subject	Programs
Early Childhood/Elementary	17 Programs
EPI	15
Math and Science	8
Art/Music	5
Guidance/School Psychologist	5
Reading/English	5
Special Education	5
Social Science	2
Physical Education	1

n = 63
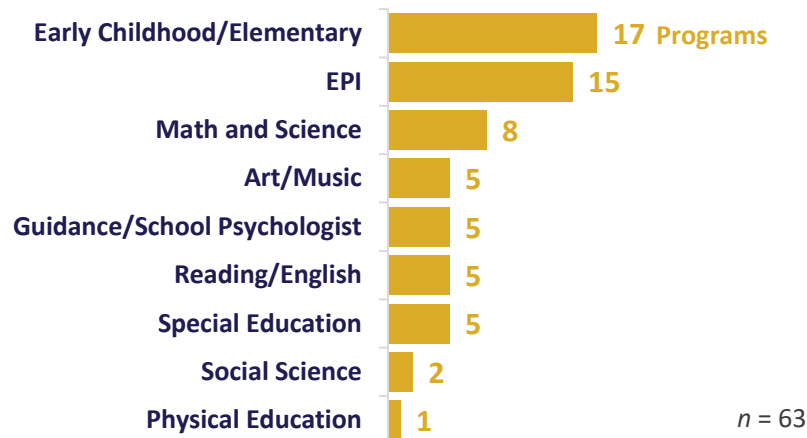
Exhibit 23
Average Score for Placement Rate by Program Type 2014-2021

EPI

2014	2015	2016	2017	2018	2019	2020	2021
3.09	3.41	3.29	3.15	3.36	3.57	2.96	3.74

Private IHE

2014	2015	2016	2017	2018	2019	2020	2021
2.81	2.58	2.52	2.82	2.82	2.78	2.36	2.33

State College

2014	2015	2016	2017	2018	2019	2020	2021
2.95	3.78	3.48	3.26	3.50	3.13	3.24	3.28

State University

2014	2015	2016	2017	2018	2019	2020	2021
3.16	2.91	2.80	2.93	2.85	2.95	2.92	2.85

All Programs

2014	2015	2016	2017	2018	2019	2020	2021
3.06	2.95	2.86	2.96	2.98	3.00	2.96	2.90
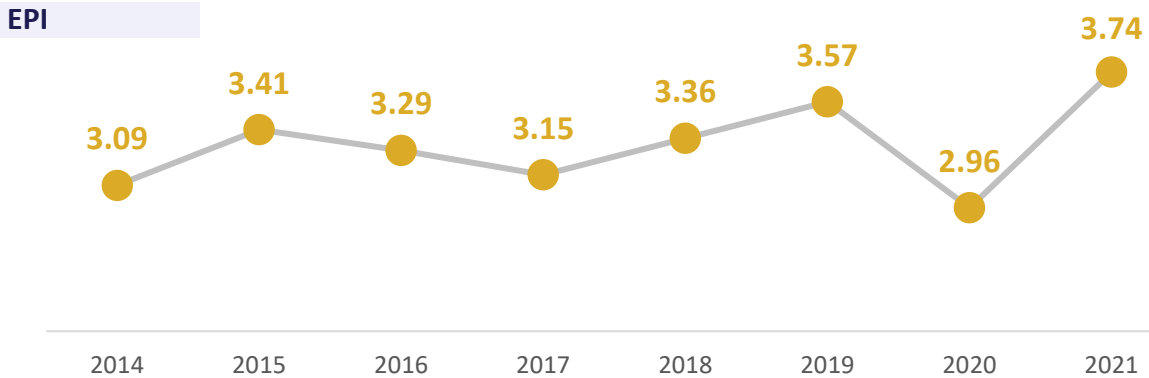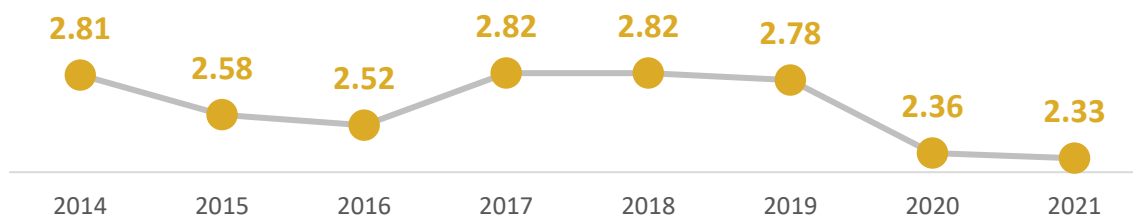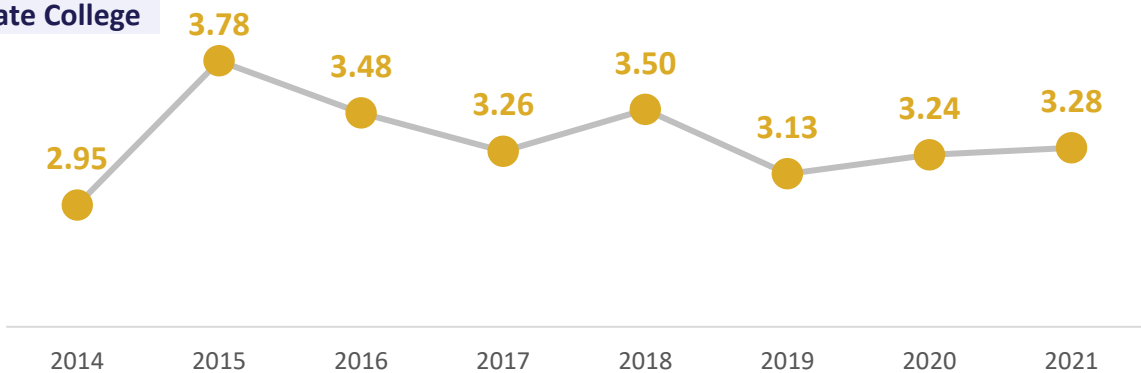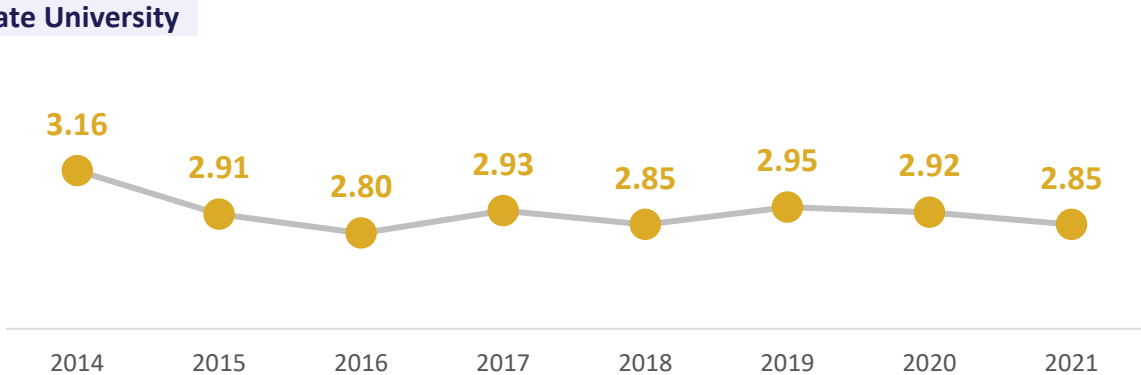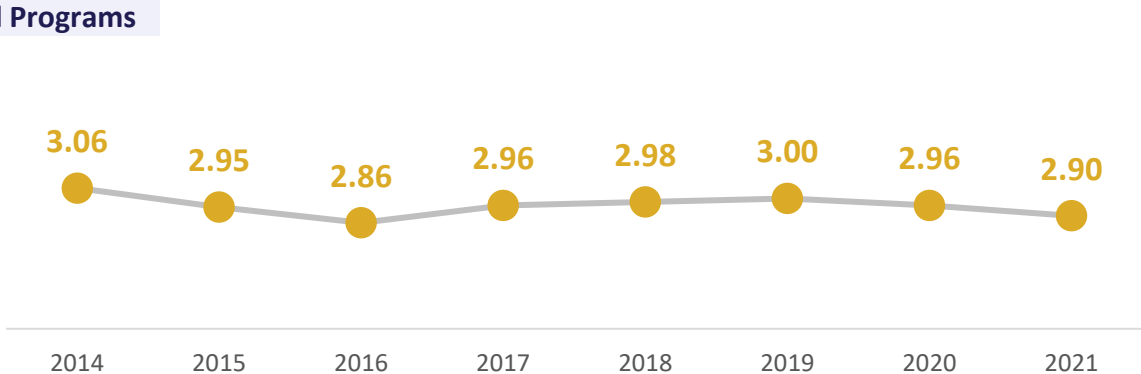
Exhibit 24
Placement Rate Score Distribution by Program Type

EPI

Programs	0	1	3	15	7
Score	1 Low	2	3	4 High	Not Rated

Private IHE

Programs	14	8	7	10	61
Score	1 Low	2	3	4 High	Not Rated

State College

Programs	1	1	4	15	8
Score	1 Low	2	3	4 High	Not Rated

State University

Programs

| 2 | 4 | 12 | 7 | 10 |

| 1 | 2 | 3 | 4 | Not Rated |
| Low | | | High | |

Score
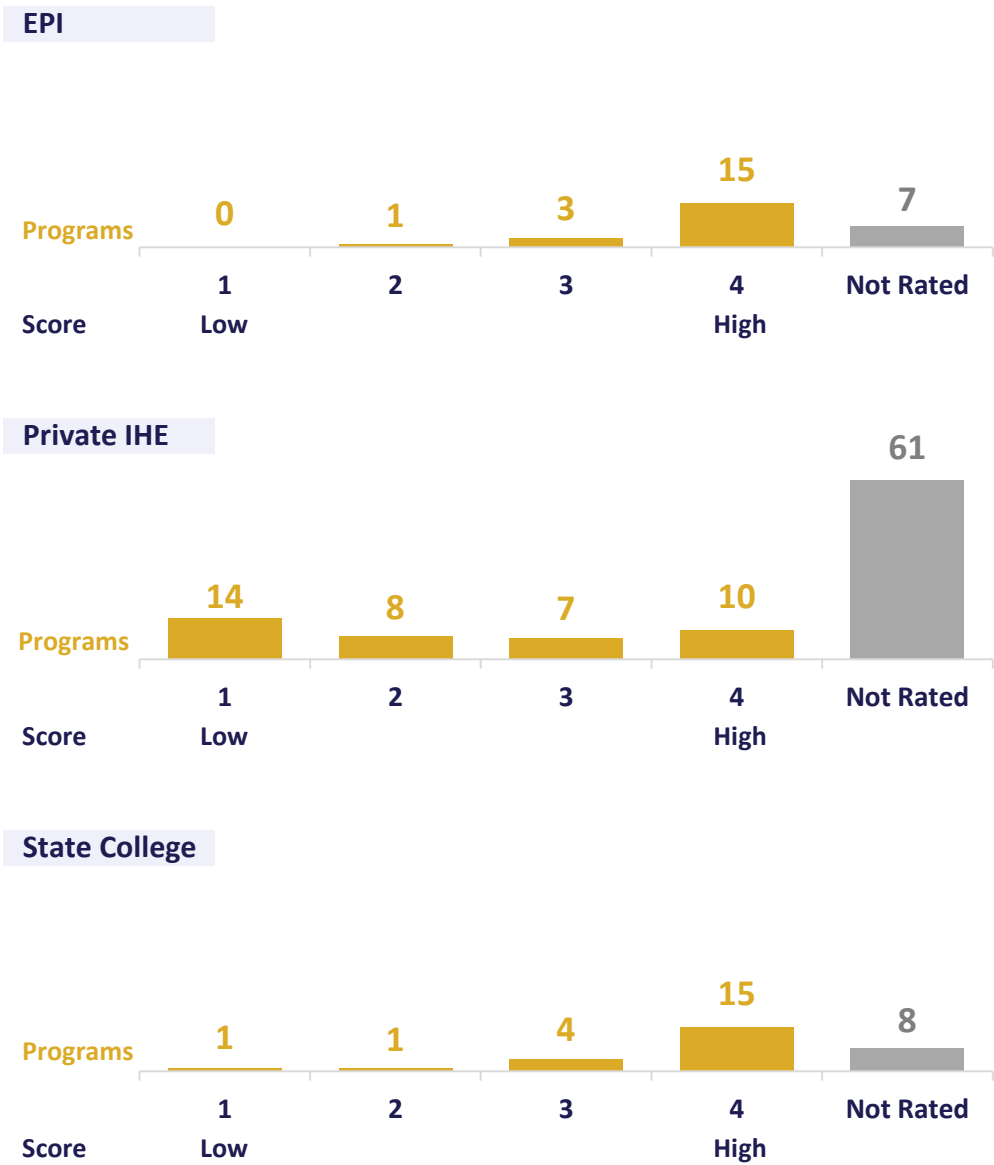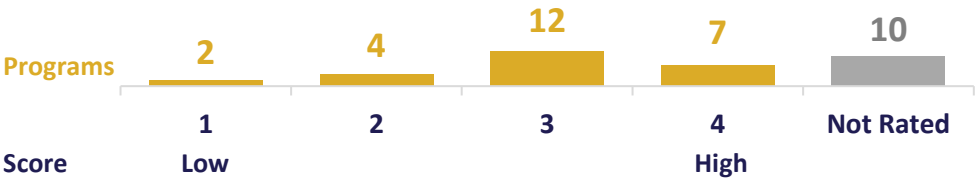
FINDING

Initial teacher preparation programs at private colleges and universities account for almost a quarter of programs not receiving a rating on this metric.

Performance Metric 2—Retention Rate

Retention rate is defined as the average number of years that program completers are employed in a full-time or part-time instructional position in a Florida public school district at any point each year in a five-year period following initial employment in either of the two subsequent academic years after program completion.

Retention rate is an important complement to placement rate, in that it goes beyond looking at whether new teachers get hired to evaluating whether they stay in the classroom. Nationally, new teacher attrition is a chronic concern, particularly in high-needs schools. While there are certainly factors beyond the quality of preparation that impact teacher turnover, research has shown that some aspects of the education and preparation that beginning teachers received are significantly associated with their attrition.

Exhibit 25
Retention Rate Scoring Rubric

Level 4	The average number of years employed in the 5-year period following initial placement is 4.5 years or more.
Level 3	The average number of years employed in the 5-year period following initial placement is 3 years to less than 4.5 years.
Level 2	The average number of years employed in the 5-year period following initial placement is 2 years to less than 3 years.

| Level 1 | The average number of years employed in the 5-year period following initial placement is less than 2 years. |

FINDING

Only 180 out of 325 programs (55%) received a retention rate score for 2021. All but five rated programs received a score of 3.0 or 4.0. The average retention rate score was 3.28, down slightly from 3.4 last year.

Exhibit 26
Average Retention Rate Score 2014-2021

2014	2015	2016	2017	2018	2019	2020	2021
3.4	3.3	3.4	3.4	3.4	3.3	3.4	3.3
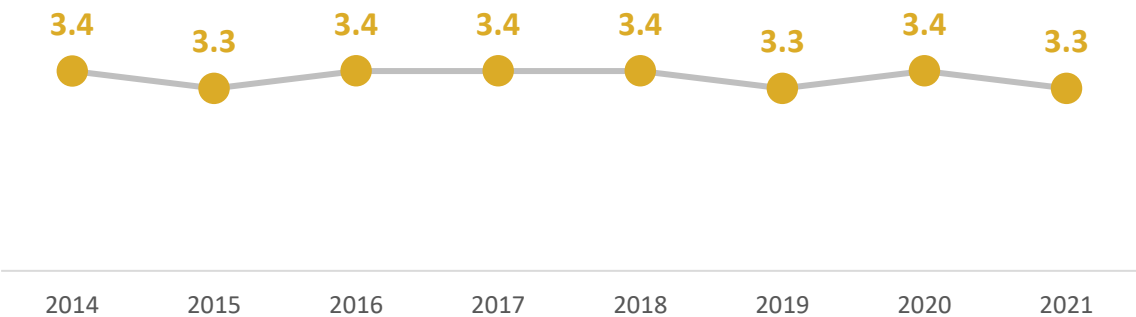
Exhibit 27
Distribution of Retention Rate Scores

	1 Low	2	3	4 High	Not Rated
Programs	0	5	111	65	144
Score					

n = 325
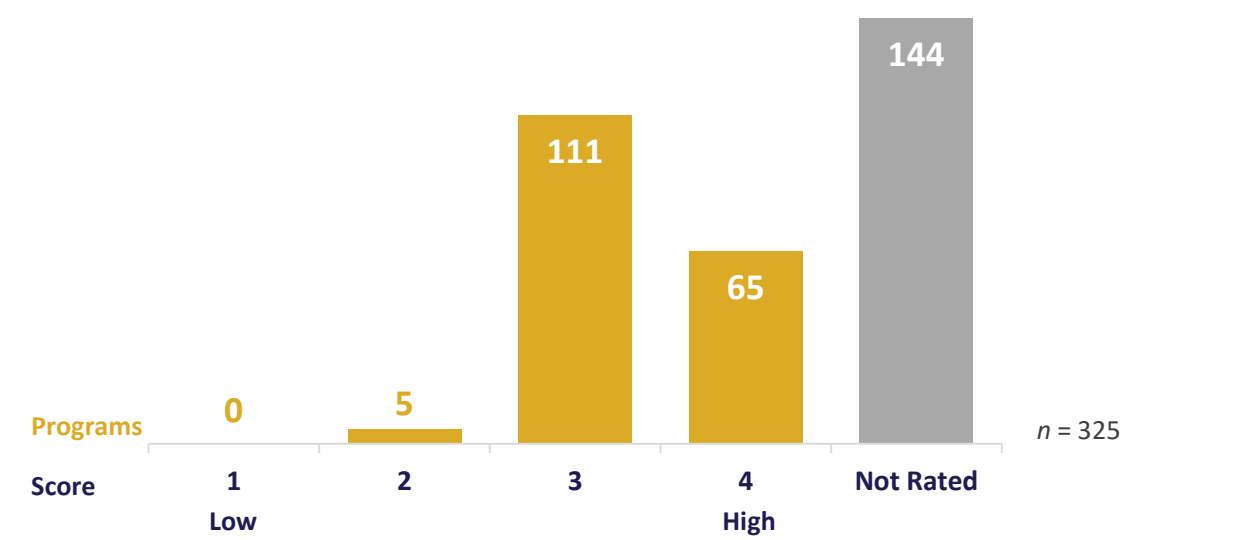
Exhibit 28
Programs Receiving the Highest Score (4.0) for Retention Rate Institution/Program

Institution	Program Name
Barry University	School Psychologist
Barry University	Reading
Bay County	Professional Development Certification Program
Broward College	Exceptional Student Education/ESOL/Reading
Broward College	Biology and Middle Grades General Science
Broward County	Professional Development Certification Program
Chipola College	English Education/ESOL
Chipola College	Elementary Education/ESOL/Reading
Chipola College	Middle Grade Mathematics
Daytona State College	Elementary Education/ESOL/Reading
Daytona State College	Exceptional Student Education/ESOL/Reading
Florida Atlantic University	Exceptional Student Education/ESOL
Florida Atlantic University	Mathematics
Florida Atlantic University	Reading

Institution	Program Name
Daytona State College	Educator Preparation Institute
Florida Gulf Coast University	Exceptional Student Education/ESOL/Reading
Florida Gulf Coast University	Social Science
Florida Gulf Coast University	Biology
Florida Gulf Coast University	Elementary Education/ESOL/Reading
Florida International University	School Psychologist
Florida International University	Reading
Florida International University	Guidance and Counseling
Florida Memorial University	Reading/ESOL
Florida Southern College	Social Science
Florida Southern College	Music
Florida Southern College	Elementary Education/ESOL/Reading and Elementary Education/ESOL
Florida Southwestern State College	Elementary Education/ESOL/Reading
Florida State University	Visually Impaired
Florida State University	School Psychologist
Indian River State College	Middle Grade Mathematics
Jacksonville University	Elementary Education/ESOL/Reading
Santa Fe College	Educator Preparation Institute
Northwest Florida State College	Elementary Education/ESOL/Reading
Nova Southeastern University	Guidance and Counseling
Nova Southeastern University	Reading
Nova Southeastern University	Mathematics
Nova Southeastern University	Biology
Polk County	Professional Development Certification Program
Saint Leo University	Middle Grade Social Science and Middle Grade Social Science/Reading
Saint Leo University	Exceptional Student Education and Exceptional Student Education/ESOL/Reading
Saint Leo University	Reading
Saint Leo University	Elementary Education/ESOL/Reading
Saint Leo University	Middle Grade English/ESOL/Reading
Southeastern University	English/ESOL
Southeastern University	Music
St. Johns River State College	Pre–K/Primary Ed/ESOL/Reading
St. Petersburg College	Exceptional Student Education/ESOL/Reading
St. Petersburg College	Biology and Middle Grade General Science

Institution	Program Name
St. Petersburg College	Pre–K/Primary Ed./ESOL/Reading
Stetson University	Elementary Education/ESOL
University of Central Florida	Exceptional Student Education/ESOL/Reading
University of Central Florida	Music
University of North Florida	Social Science
University of North Florida	Guidance and Counseling
University of North Florida	Middle Grade Math/Middle Grade General Science
University of North Florida	Mathematics
University of South Florida	Guidance and Counseling
University of South Florida	Physical Education
University of South Florida	Social Science and Social Science MAT
University of South Florida	Middle Grade Mathematics and Middle Grade Mathematics (MAT)
University of South Florida	English/ESOL and English/ESOL (MAT)
University of South Florida	Elementary Education/ESE/ESOL/Reading
University of South Florida	Mathematics (MAT) and Mathematics
University of Tampa	Mathematics
University of West Florida	Reading

Exhibit 29
Average Score for Retention Rate by Program Type

EPI

	2014	2015	2016	2017	2018	2019	2020	2021
	3.2	3.2	3.1	3.4	3.2	3.0	3.0	3.1

PDCP

	2014	2015	2016	2017	2018	2019	2020	2021
	3.4	3.4	3.5	3.4	3.2	3.4	3.4	3.2

Private IHE

	2014	2015	2016	2017	2018	2019	2020	2021
	3.4	3.5	3.4	3.5	3.5	3.5	3.5	3.3

State College

	2014	2015	2016	2017	2018	2019	2020	2021
	3.4	3.5	3.4	3.4	3.4	3.4	3.3	3.5

State University

| 3.4 | 3.3 | 3.4 | 3.4 | 3.4 | 3.4 | 3.3 | 3.3 |

| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |

All Programs

| 3.4 | 3.3 | 3.4 | 3.4 | 3.4 | 3.3 | 3.4 | 3.3 |

| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
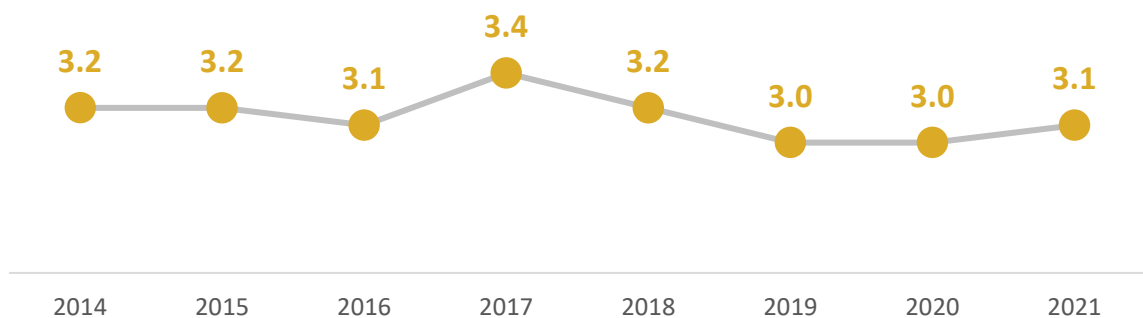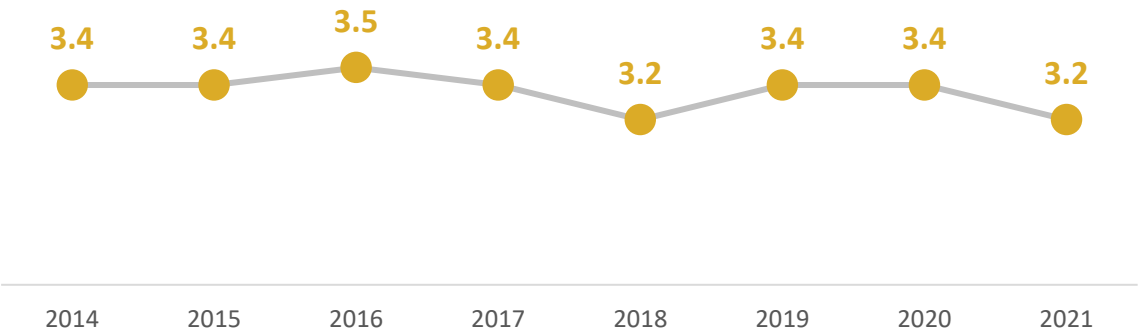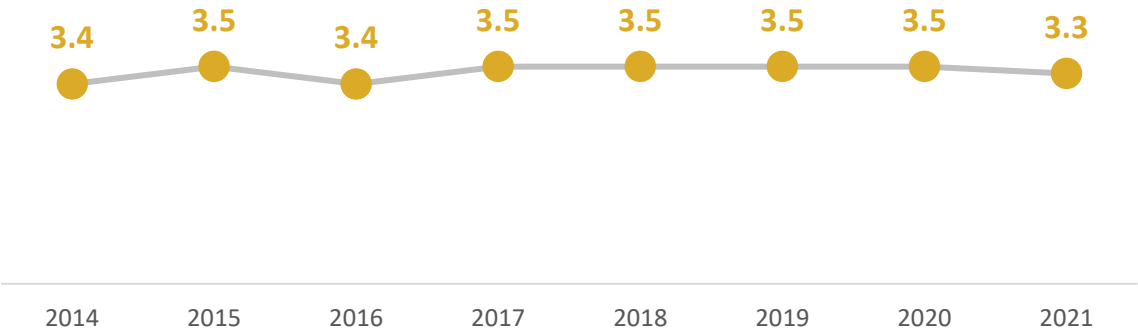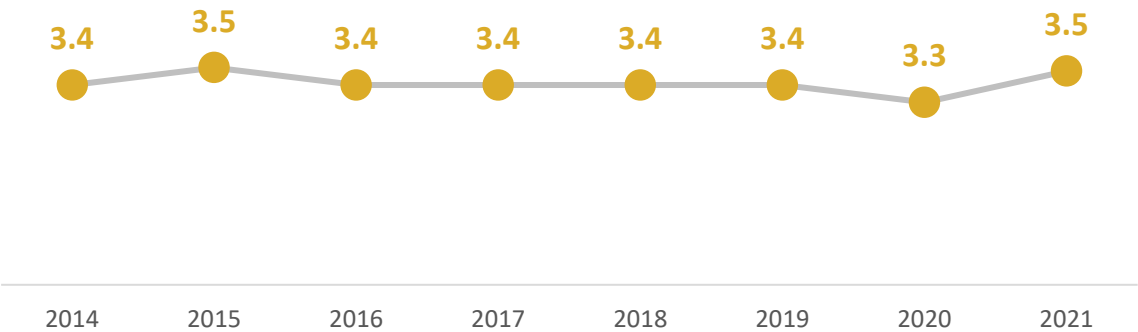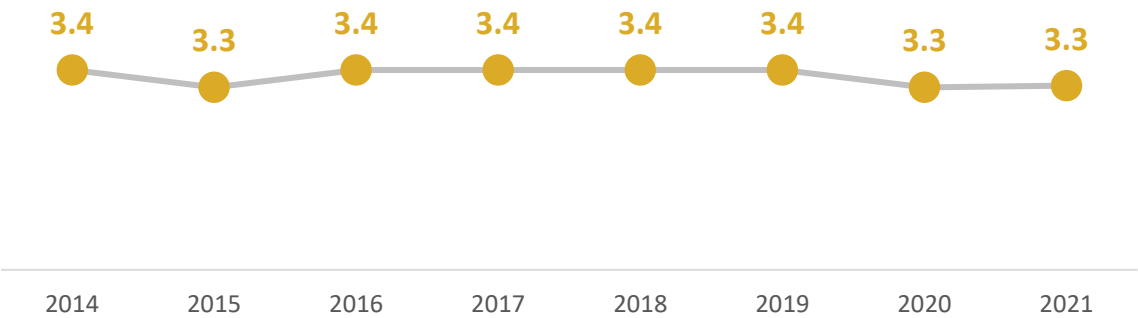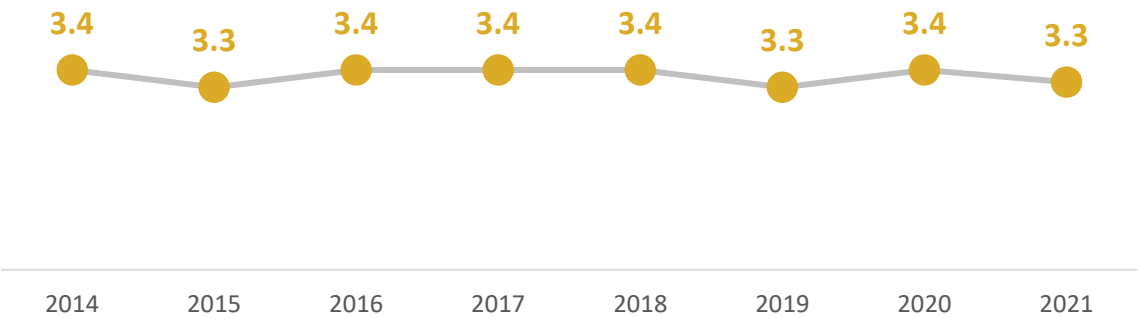
FINDING

EPIs lag behind other programs in terms of average retention scores. EPIs score highly on placement, presumably because many candidates are already teachers of record. Yet, their retention scores are lower. Only two EPI programs, Daytona State College and Santa Fe College, received a 4.0 rating on this metric.

Exhibit 30
Retention Rate Score Distribution by Program Type

EPI

Programs	0	0	18	2	6
Score	1 Low	2	3	4 High	Not Rated

PDCP

Programs	0	0	13	3	18
Score	1 Low	2	3	4 High	Not Rated

Private IHE

Programs	0	3	13	19	65
Score	1 Low	2	3	4 High	Not Rated

State College

	1 Low	2	3	4 High	Not Rated
Programs	0	2	10	15	15

Score

State University

	1 Low	2	3	4 High	Not Rated
Programs	0	0	59	26	41

Score
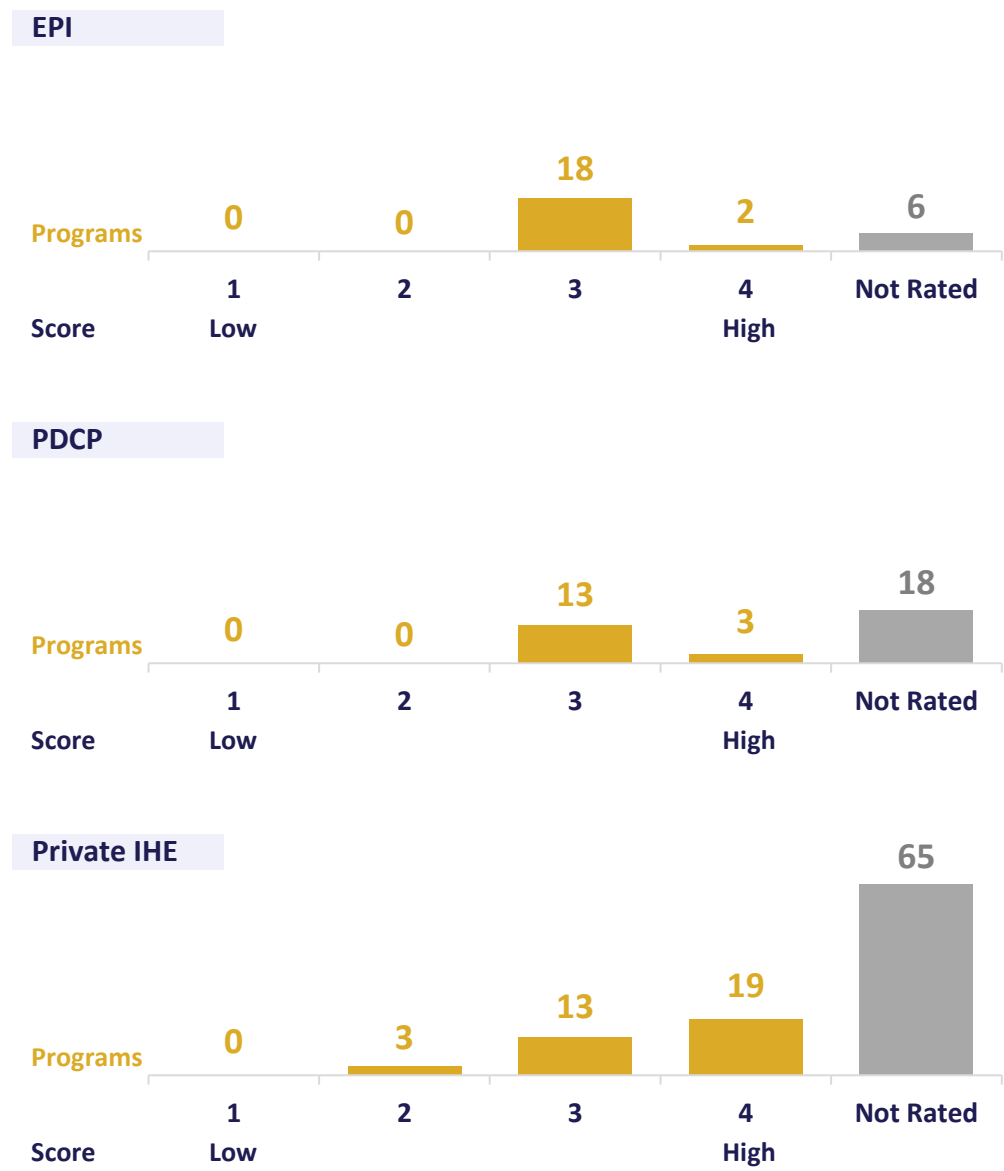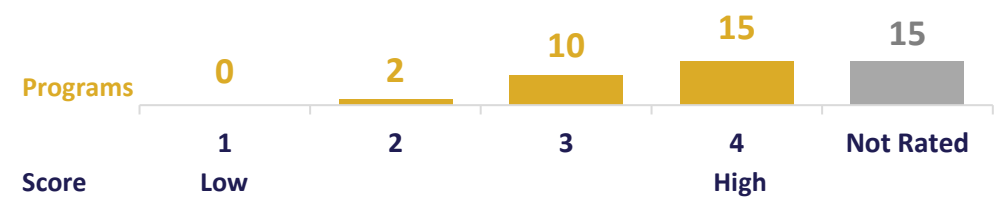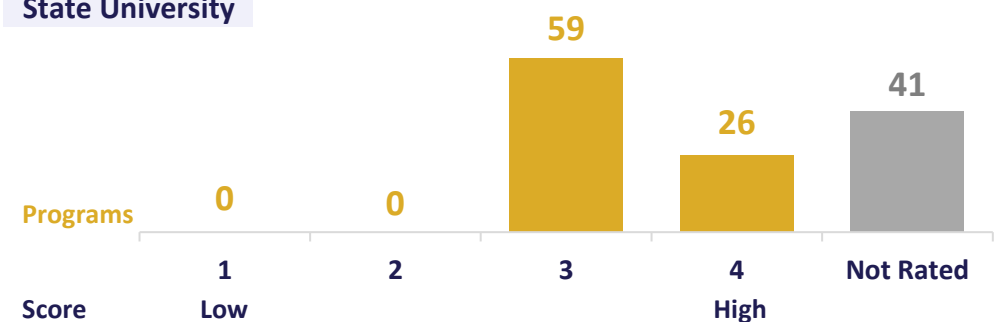
Even with the slight downward trend on this metric in 2021, Florida continues to have a much lower rate of new teacher attrition than nationally,[14] which generally indicate that 8% of teachers leave the profession every year with younger teachers and those early in their careers the most likely to leave. The Florida Department of Education should continue to monitor teacher retention data to assess whether this downward trend continues and what actions might be needed to recruit, prepare, and retain teachers through these challenges.

High performance ratings on this metric do not appear to result from a low bar in scoring. To earn a score of 4.0, programs must have average retention among their completers of 4.5 out of five years, which appears to set a rigorous standard.

The available data for this metric indicate that very high percentages of new teachers continue to work in Florida public schools after five years, suggesting that Florida preparation programs do an excellent job preparing teachers who continue to teach in the state. However, data on retention rate continue to be unavailable for many programs, which if included might result in a distribution that more closely resembles the national narrative about new teacher attrition.

As suggested in the 2020 report, the Florida Department of Education should consider further exploration of available data to determine whether some programs have been particularly

[14] https://www.edweek.org/teaching-learning/why-teachers-leave-or-dont-a-look-at-the-numbers/2021/05

successful preparing teachers who are retained in their initial positions, rather than teachers who have had multiple positions in different schools and/or districts. Additionally, further analyses to identify specific components of programs that have successfully produced teachers who remain in the profession might also be useful to other teacher preparation providers in Florida and nationally. This deeper analysis would be helpful to the broader field, considering that the data seem to indicate that Florida has successfully addressed an issue that continues to be a national challenge. Further exploration of the lower performance of EPIs and PDCPs compared to other programs should also be considered, since the current performance of these programs is unexpected considering that these candidates hold teaching positions when they begin their preparation programs.

Performance Metric 3—
Performance of PK–Grade 12 Students on Statewide Assessments

This metric evaluates the extent to which program completers achieve learning gains for their students once they are new teachers in the classroom. Performance of new teachers' students is assessed through the student learning growth formula that is outlined in Section 1012.34, Florida Statutes.

The teacher preparation program accountability system looks at new teacher classroom performance through three specific lenses: student learning gains as measured in this indicator; student learning gains for specific student subgroups (see Performance Metric 4); and overall teacher evaluation results, which include classroom observations and student learning performance, as well as other measures used by districts (see Performance Metric 5).

Student learning growth scores are calculated through a value-added model (VAM), designed to measure the amount a teacher contributes to student learning. Florida's VAM model calculates a score for each teacher that reflects the average amount of learning growth of the teacher's students above or below the expected learning gains of similar students in the state.

Program scores for this metric are based on the performance of students assigned to in-field program completers from the previous three-year period who received a student learning growth score from the most recent academic year for which results are available. The scores of all such program completers are averaged. The score for this metric takes into account both the average student learning growth score and the confidence interval, which considers the margin of error associated with that score.

Exhibit 31
Performance on Statewide Assessments Scoring Rubric

Level 4	The probability that the average student learning growth among students taught by program completers exceeds the expectations for those students is ≥ 95%.
Level 3	The probability that the average student learning growth among students taught by program completers exceeds the expectations for those students is < 5% AND the probability that the average student learning growth among students taught by program completers falls short of the expectations for those students is < 5%.
Level 2	Not calculated.
Level 1	The probability that the average student learning growth among students taught by program completers falls short of the expectations for those students is ≥ 95%.

Not all initial teacher preparation programs will have student learning growth scores. Only programs whose completers teach courses that have associated statewide assessments in English language arts (grades four – ten), mathematics (grades four – eight) and algebra 1 will have the scores needed to evaluate this performance metric.

FINDING

Just 119 of 325 (37%) programs received a score for student learning growth for 2021. The average program score for performance of students on statewide assessments was 2.87, slightly higher than the average of 2.86 last year.

Exhibit 32
Average Performance by Students on Statewide Assessments Score 2014-2021

	2014	2015	2016	2017	2018	2019	2020	2021
Score	2.78	3.02	2.78	2.87	2.91	2.86	2.86	2.87
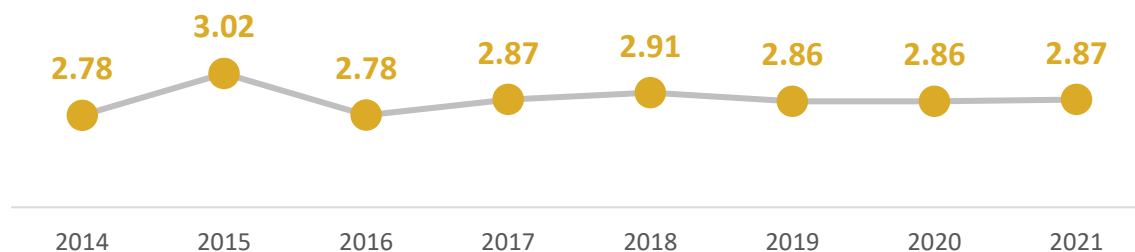
Exhibit 33
Distribution of Performance by Students on Statewide Assessments Scores
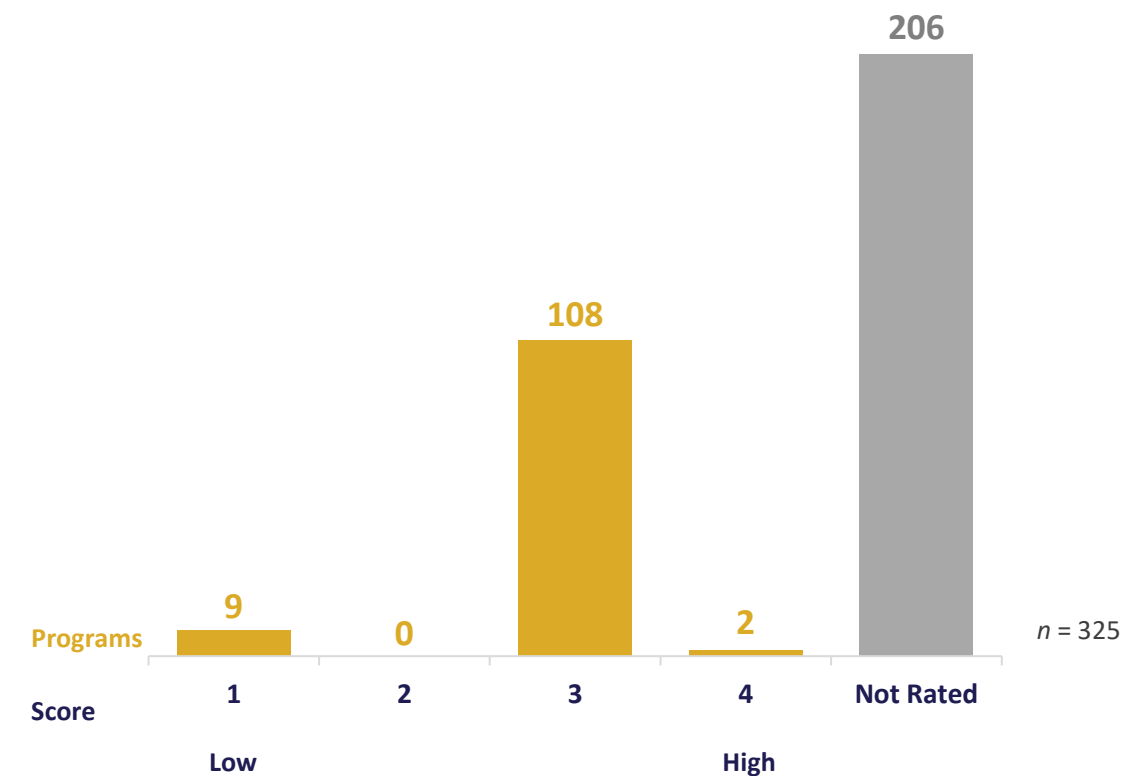
Most of the 193 initial teacher preparation programs that are not rated are in subject areas where there are no statewide assessments. Twenty of these programs are in subject areas including English and mathematics where corresponding statewide assessment data would be expected, although new teachers from these programs may be teaching grade levels in which no such assessment is given, or programs may not have the required minimum of two completers to receive a score on this metric. Of particular concern is that only one program primarily focused on exceptional student education has a score for this metric, even though students with disabilities are expected to meet the same standards as typical students, and all but a small percentage of students with disabilities are expected to take statewide assessments.

FINDING

Just two programs in the state earned a score of 4.0 on this metric. Elementary Education/ESE/ESOL/Reading at Flagler College and Elementary Education/ESOL/Reading at Florida Atlantic University both received the highest score for student learning growth.

Exhibit 34
Average Score for Student Learning Growth by Program Type 2014-2021

2021 is the first year in which EPI and PDCP programs received scores on this metric.

EPI

2.89

| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |

PDCP

3.00

| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |

Private IHE

| 2.82 | 2.97 | 2.65 | 2.94 | 2.93 | 2.94 | 2.94 | 2.96 |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |

State College

2014	2015	2016	2017	2018	2019	2020	2021
2.60	3.00	2.92	2.93	2.80	2.63	2.73	2.50

State University

2014	2015	2016	2017	2018	2019	2020	2021
2.80	3.07	2.70	2.78	2.95	2.89	2.84	2.86

All Programs

2014	2015	2016	2017	2018	2019	2020	2021
2.78	3.02	2.78	2.87	2.91	2.86	2.86	2.87
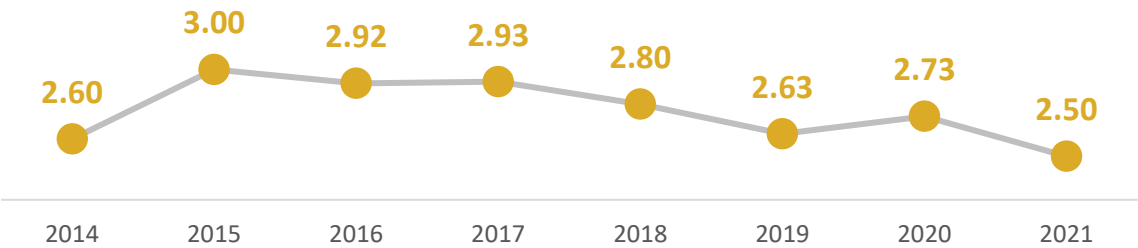
Exhibit 35
Distribution of Student Learning Growth Scores by Program Type

EPI

	Programs: 1	0	18	0	7
Score	1 Low	2	3	4 High	Not Rated

PDCP

	Programs: 0	0	21	0	13
Score	1 Low	2	3	4 High	Not Rated

Private IHE

	Programs: 1	0	24	1	74
Score	1 Low	2	3	4 High	Not Rated
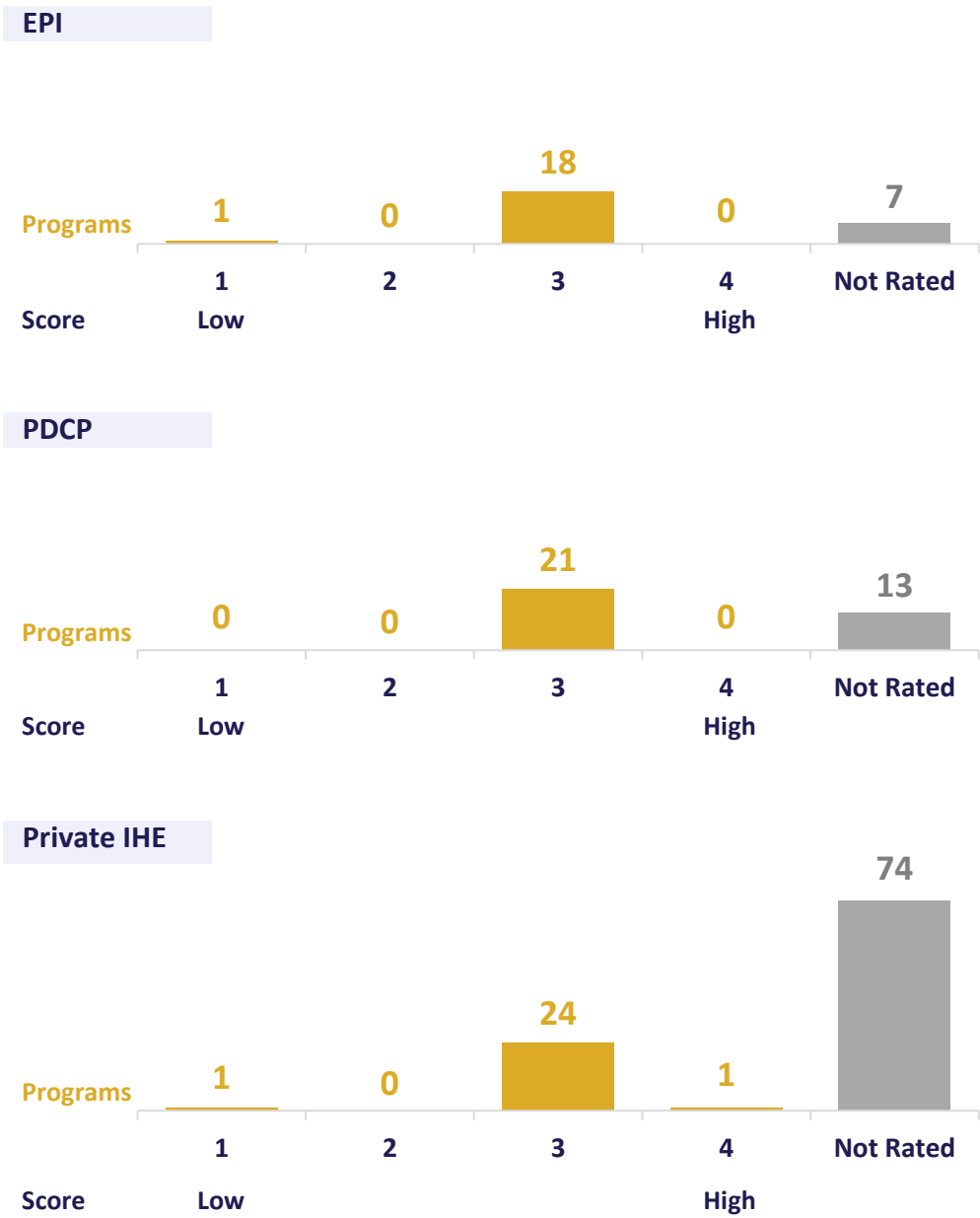
State College
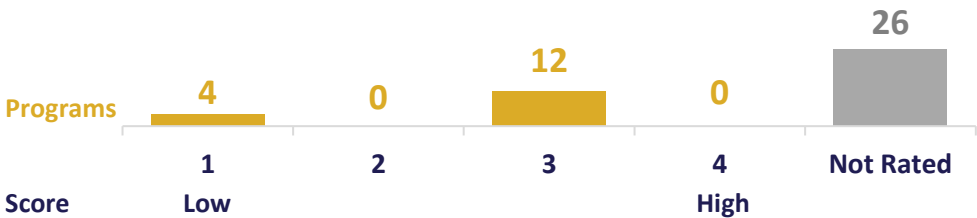
State University
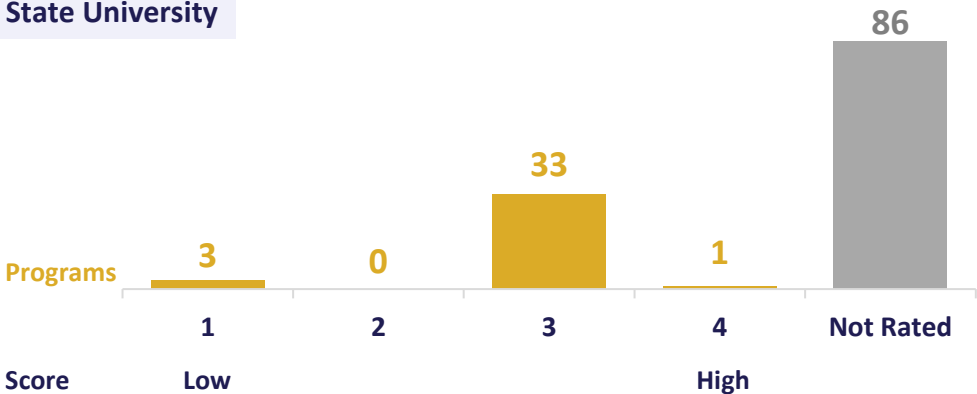
Performance Metric 4—
Performance of Student Subgroups on Statewide Assessments

This metric considers a different aspect of teachers' contributions to student learning, specifically the performance of student subgroups. The intent is to measure how well the teacher preparation program prepares new teachers to work with a diverse population of students in a variety of settings in Florida schools, including economically disadvantaged students, students from major racial and ethnic groups, students with disabilities, and students with limited English proficiency.

To calculate the learning gains of students by subgroup, teacher VAM scores are calculated and disaggregated for the following categories: Caucasian, African American, Hispanic, Asian, Native American, Multi-racial, students eligible for free or reduced lunch, students with disabilities, and English language learners. Unlike the previous metric, scoring for the performance of student subgroups is not based on actual VAM scores. Rather, this metric considers the average student learning growth results by each subgroup as compared to the statewide average for these subgroups for all program completers with VAM scores. These percentages are compared to the statewide percentages to determine the number of subgroups that met expectation or exceeded the statewide average to arrive at the program score.

Exhibit 36
Performance by Student Subgroups on Statewide Assessments Scoring Rubric

Level 4	At least 75% of the subgroups meet or exceed the state standard for performance.
Level 3	At least 50% but less than 75% of the subgroups meet or exceed the state standard for performance.
Level 2	At least 25% but less than 50% of the subgroups meet or exceed the state standard for performance.
Level 1	Fewer than 25% of the subgroups exceed the state standard for performance.

FINDING

Of the 119 programs receiving a score for student subgroup performance on statewide assessments, the average program score for 2021 was 2.70, reversing a downward trend since 2018.

Exhibit 37
Average Performance by Student Subgroups on Statewide Assessments Score 2014-2021

2014	2015	2016	2017	2018	2019	2020	2021
2.51	2.48	2.56	2.70	2.58	2.48	2.47	2.70
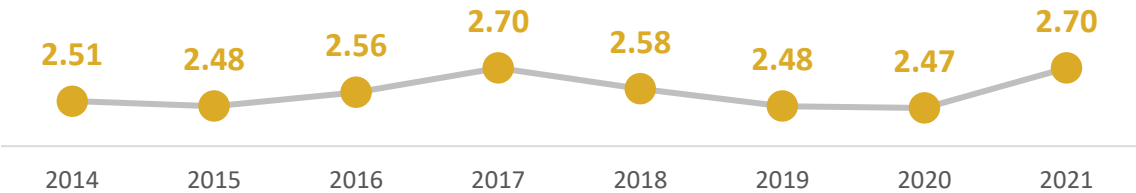
Exhibit 38
Distribution of Performance by Student Subgroups on Statewide Assessments Scores

Score	1	2	3	4	Not Rated
Programs	26	23	31	39	206

Low   High

n = 325
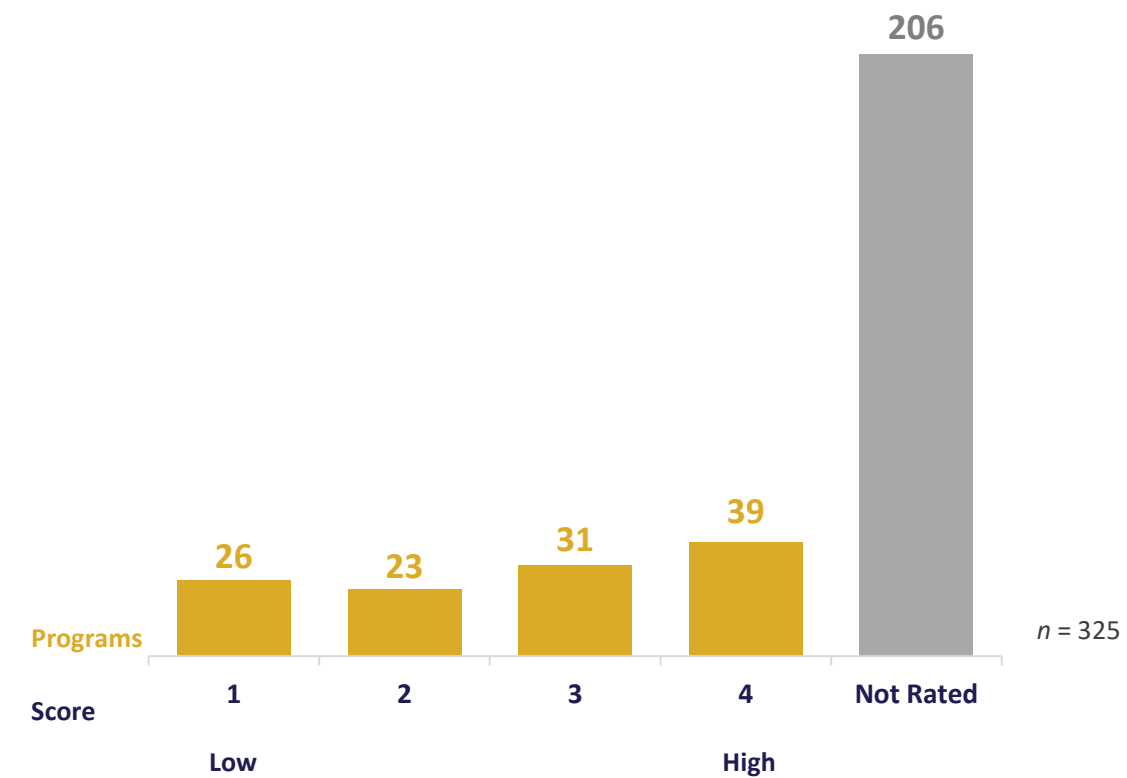
Exhibit 39
Programs Receiving the Highest Score (4.0) for Subgroup Student Learning Growth

Institution	Program Name
Alachua County	Professional Development Certification Program
Florida Atlantic University	Elementary Education/ESOL/Reading
Florida International University	Elementary Education/ESOL/Reading
Florida Southwestern State College	Elementary Education/ESOL/Reading
Brevard County	Professional Development Certification Program
University of Central Florida	English/ESOL
Flagler College	Elementary Education/ESE/ESOL/Reading
University of South Florida	Reading
Saint Leo University	Reading
Duval County	Professional Development Certification Program
Escambia County	Professional Development Certification Program

Institution	Program Name
Florida International University	Reading
Florida State University	English/ESOL
Florida Gulf Coast University	Mathematics
Florida A&M University	Elementary Education/ESOL/Reading
Florida Atlantic University	English/ESOL
University of South Florida	Middle Grades Mathematics
Gulf Coast State College	Educator Preparation Institute
Hillsborough College	Educator Preparation Institute
Hillsborough County	Professional Development Certification Program
Indian River County	Professional Development Certification Program
Pasco Hernando State College	Educator Preparation Institute
Broward College	Mathematics
University of North Florida	Middle Grades Math/Middle Grades General Science
Polk State College	Educator Preparation Institute
Florida Atlantic University	Mathematics
Miami-Dade County	Professional Development Certification Program
Lynn University	Elementary Education/ESOL/Reading
Florida Memorial University	Elementary Education/ESOL
Pasco County	Professional Development Certification Program
Nova Southeastern University	Elementary Education/ESOL/Reading
State College of Florida, Manatee-Sarasota	Educator Preparation Institute
Valencia College	Educator Preparation Institute
Northwest Florida State College	Middle Grades Mathematics
Southeastern University	Mathematics
Florida A&M University	English/ESOL
Sumter County	Professional Development Certification Program
University of South Florida	Mathematics
University of South Florida	English/ESOL

> **FINDING**
>
> **Six programs received the lowest possible score for both student learning growth overall and student learning growth by subgroups: Elementary Education/ESOL/Reading at Daytona State College; Elementary Education/ESOL at University of North Florida; Elementary Education/ESOL/Reading at Chipola College; Elementary Education/ESOL/Reading at Indian River State College; and Middle Grades Mathematics at St. Petersburg College.**

Exhibit 40
Average Score for Subgroup Student Learning Growth by Program Type

2021 is the first year in which PDCP and EPI programs received scores on this metric.

EPI

2.84 (2021)

| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |

PDCP

3.00 (2021)

| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |

Private IHE

2014	2015	2016	2017	2018	2019	2020	2021
2.49	2.29	2.50	2.63	2.29	2.45	2.41	2.54

State College

2014	2015	2016	2017	2018	2019	2020	2021
1.70	2.50	2.38	3.00	2.60	2.38	2.33	1.88

State University

2014	2015	2016	2017	2018	2019	2020	2021
2.70	2.63	2.68	2.57	2.81	2.57	2.57	2.92

All Programs

2.51	2.48	2.56	2.70	2.58	2.48	2.47	2.70
2014	2015	2016	2017	2018	2019	2020	2021
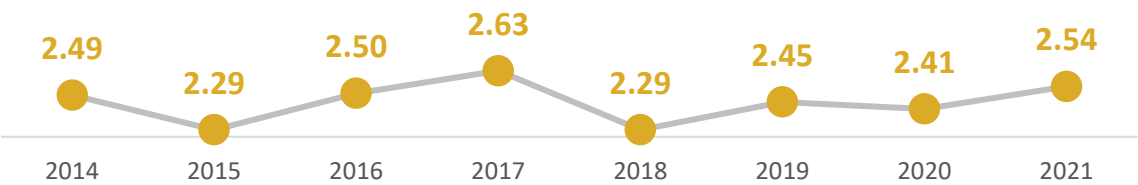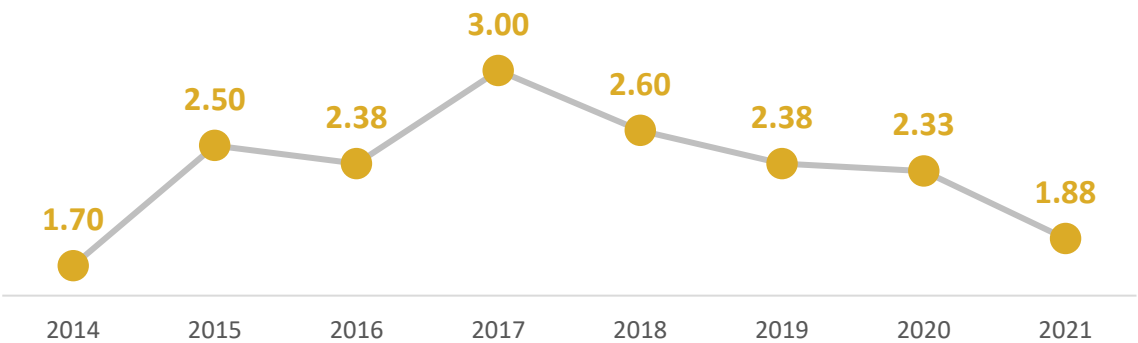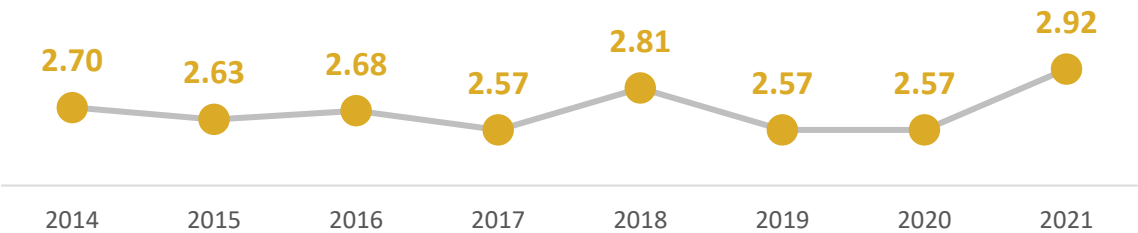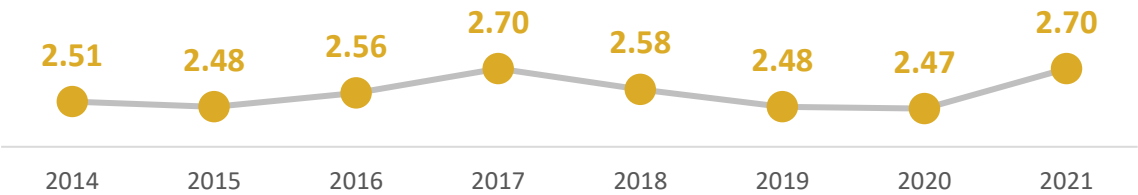
Exhibit 41
Distribution of Subgroup Student Learning Growth Scores by Program Type

EPI

Programs	1	7	5	4	7
Score	1 Low	2	3	4 High	Not Rated

PDCP

Programs	1	7	4	9	13
Score	1 Low	2	3	4 High	Not Rated

Private IHE

Programs	7	4	9	6	74

Score: 1 (Low), 2, 3, 4 (High), Not Rated

State College

Programs | 9 | 1 | 3 | 3 | 16

Score: 1 (Low), 2, 3, 4 (High), Not Rated

State University

Programs | 7 | 4 | 11 | 15 | 86

Score: 1 (Low), 2, 3, 4 (High), Not Rated
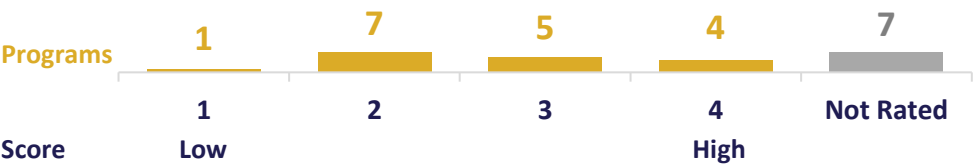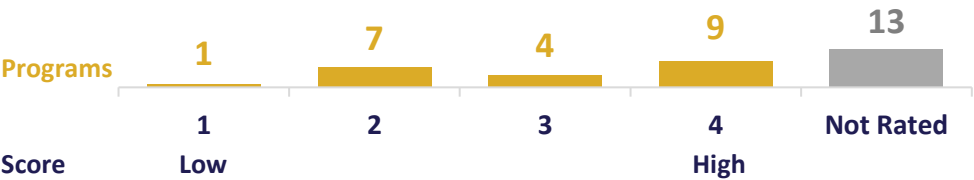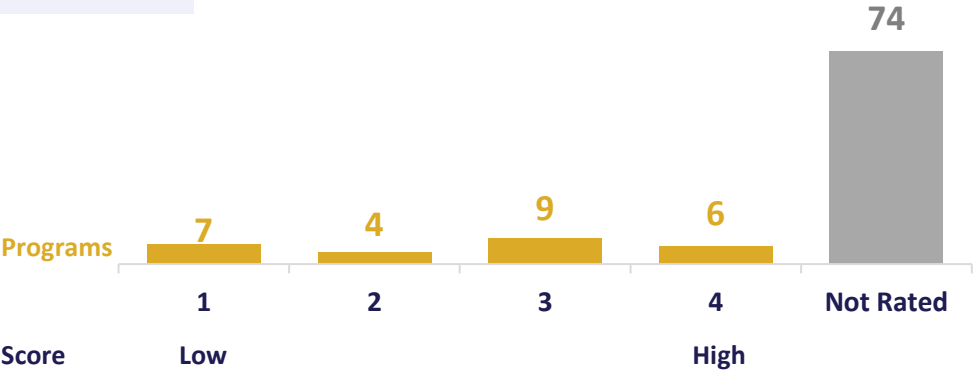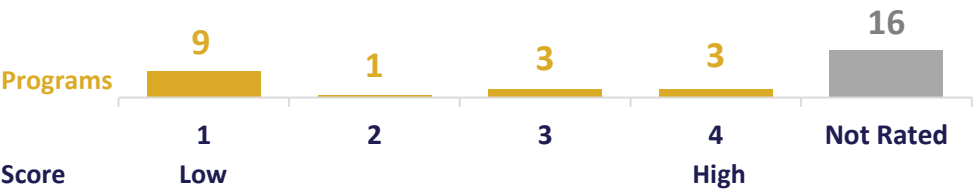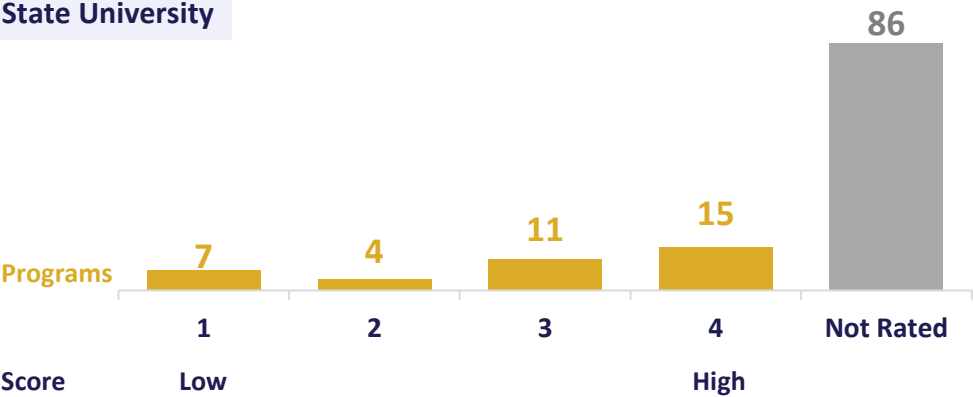
Performance Metric 5—Teacher Evaluations

This metric considers the results of annual teacher evaluations from the most recent academic year for program completers from the previous three-year period. Florida requires that all teachers receive an annual evaluation that results in a rating of highly effective; effective; needs improvement (for teachers teaching more than three years) or developing (for teachers with experience of three years or less); or unsatisfactory.

Local districts develop their own teacher evaluation systems consistent with state law and guidelines. Growth or achievement data for the teacher's students and observation of instructional practice must each comprise at least one-third of the evaluation. Other measures can be added at each charter school or districts' discretion. The inclusion of this metric, in addition to the metrics looking solely at student learning gains, is important for two reasons. First, this metric allows for consideration of other factors used by districts to evaluate teacher performance, including classroom observations. This metric also allows consideration of performance for many more teachers who do not teach grades or subjects associated with statewide assessments. Scoring for this metric is based on the percentage of teachers receiving highly effective and effective ratings.

Exhibit 42
Teacher Evaluation Scoring Rubric

Level 4	At least 30% of the program's completers received a highly effective rating and 90 to 100% of the program's completers received either highly effective or effective ratings, and no completers were rated unsatisfactory.
Level 3	Program did not meet criteria for Level 4, but at least 80% of the program's completers received either highly effective or effective ratings, and no completers were rated unsatisfactory.
Level 2	Program did not meet criteria for Level 3, but at least 60% of the program's completers received a highly effective or effective rating and no more than 5% (more than one for $n < 20$) of the program's completers were rated unsatisfactory.
Level 1	Program did not meet criteria for Level 2, 3 or 4.

FINDING

242 out of 325 programs (74%) received a teacher evaluation score for 2021. The average teacher evaluation score was 3.79, continuing an upward trend since 2014.

Exhibit 43
Average Teacher Evaluation Score 2014-2021

Year	Score
2014	3.10
2015	3.20
2016	3.30
2017	3.40
2018	3.40
2019	3.40
2020	3.70
2021	3.79
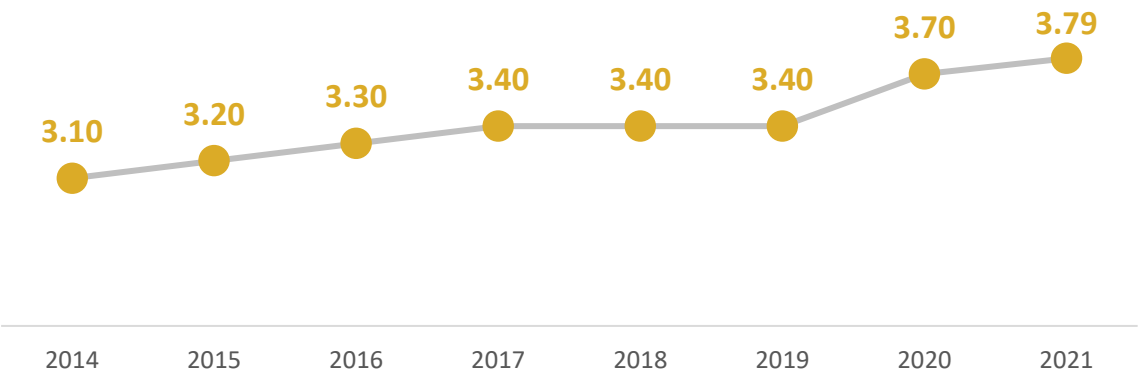
Exhibit 44
Distribution of Teacher Evaluation Scores

Score	Programs
1 (Low)	0
2	13
3	24
4 (High)	203
Not Rated	85

n = 325
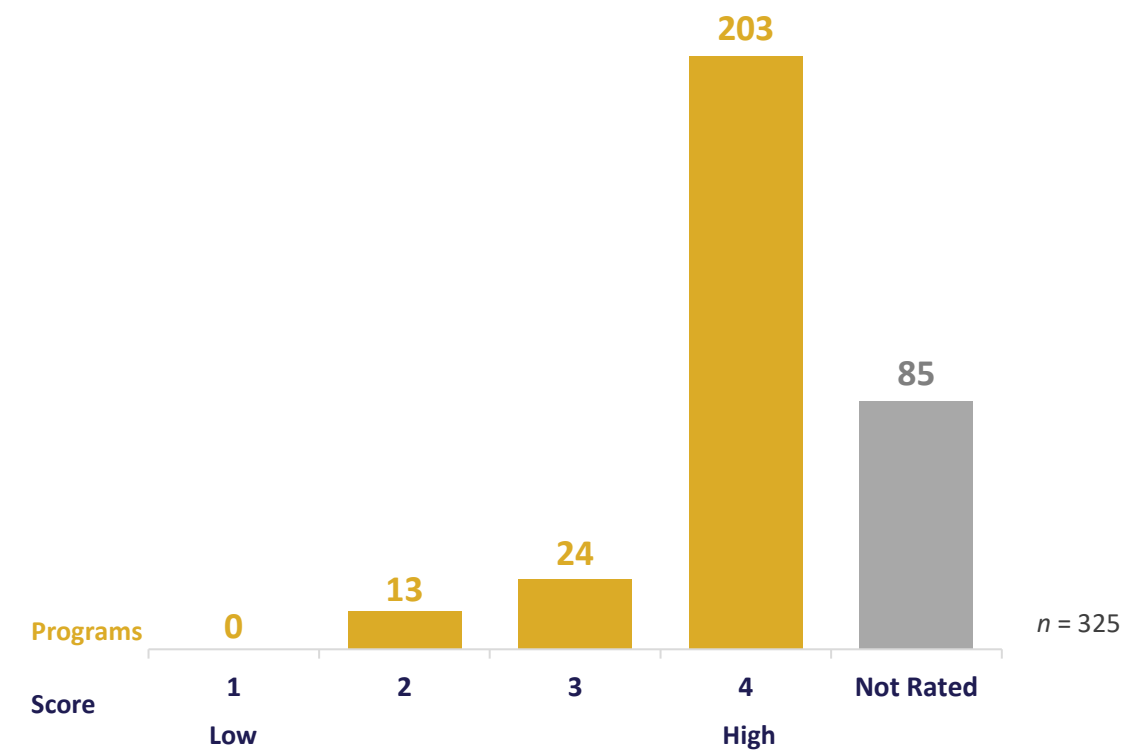
Exhibit 45
Programs Receiving the Highest Score (4.0) for Teacher Evaluation Ratings

Institution	Program	Teachers Evaluated (> 3 cohorts)
Alachua County	Professional Development Certification Program	14
Ave Maria University	Elementary Education/ESOL/Reading	3
Baker County	Professional Development Certification Program	13
Baptist College of Florida	Elementary Education/ESOL/Reading	3
Barry University	Reading K–12	37
Barry University	Guidance And Counseling PK–12	3
Barry University	School Psychologist PK–12	2
Barry University	Elementary Education/ESOL/Reading	8
Bay County	Professional Development Certification Program	60
Bethune-Cookman University	Music K–12	3
Bethune-Cookman University	English/ESOL	2
Brevard County	Professional Development Certification Program	67
Broward College	Mathematics 6–12	9
Broward College	Middle Grades General Science 5–9	11
Broward College	Middle Grades Mathematics 5–9	9
Broward College	Exceptional Student Education/ESOL/Reading	141
Broward College	Educator Preparation Institute	64
Broward County	Professional Development Certification Program	194
Chipola College	Middle Grades General Science 5–9	2
Chipola College	Exceptional Student Education/ESOL/Reading	5
Daytona State College	Mathematics 6–12	7
Daytona State College	Earth/Space Science 6–12	8
Daytona State College	Exceptional Student Education/ESOL/Reading	20
Daytona State College	Educator Preparation Institute	28
Duval County	Professional Development Certification Program	81
Escambia County	Professional Development Certification Program	92
Flagler College	Social Science 6–12	5
Flagler College	Elementary Education/ESOL/Reading	43
Flagler College	Hearing Impaired/Elementary Education/ESOL/Reading	13
Flagler College	Exceptional Student Education/Elementary Education/ Reading/ESOL	64

Institution	Program	Teachers Evaluated (> 3 cohorts)
Florida A&M University	Music K–12	3
Florida A&M University	Mathematics 6–12	2
Florida A&M University	PK–Primary Education Age 3–Grade 3/ESOL Endorsement/ Reading Endorsement	9
Florida A&M University	English 6–12/ESOL Endorsement	3
Florida A&M University	Elementary Education K–6/ESOL Endorsement/ Reading Endorsement	21
Florida Atlantic University	Art K–12	4
Florida Atlantic University	Music K–12	3
Florida Atlantic University	Reading K–12	16
Florida Atlantic University	Mathematics 6–12	7
Florida Atlantic University	Biology 6–12	18
Florida Atlantic University	Social Science 6–12	36
Florida Atlantic University	Guidance and Counseling PK–12	25
Florida Atlantic University	English 6–12/ESOL Endorsement	27
Florida Atlantic University	Exceptional Student Education K–12/ESOL Endorsement	31
Florida Atlantic University	Elementary Education/ESOL/Reading	342
Florida College	Music	2
Florida Gateway College	Educator Preparation Institute	35
Florida Gulf Coast University	Music K–12	16
Florida Gulf Coast University	Mathematics 6–12	12
Florida Gulf Coast University	Social Science 6–12	26
Florida Gulf Coast University	Guidance And Counseling PK–12	19
Florida Gulf Coast University	Elementary Education K–6/ESOL Endorsement/ Reading Endorsement	172
Florida Gulf Coast University	Educator Preparation Institute	22
Florida Institute of Technology	Mathematics 6–12	3
Florida International University	Art K–12 (MAT)	12
Florida International University	Music K–12	3
Florida International University	Reading K–12	49
Florida International University	Physics 6–12	7
Florida International University	Guidance And Counseling PK–12	9
Florida International University	School Psychologist PK–12	16
Florida International University	PK–Primary Education Age 3–Grade 3/ESOL Endorsement	34

Institution	Program	Teachers Evaluated (> 3 cohorts)
Florida International University	English 6–12/ESOL Endorsement	10
Florida International University	Physical Education K–12	4
Florida International University	Exceptional Student Education K–12/ESOL Endorsement	33
Florida International University	Elementary Education K–6/ESOL Endorsement	190
Florida Memorial University	Elementary Education/ESOL	4
Florida Southern College	Art K–12	3
Florida Southern College	Music K–12	14
Florida Southern College	Social Science 6–12	2
Florida Southern College	Elementary Education/ESOL	76
Florida Southwestern State College	Elementary Education/ESOL/Reading	120
Florida State College at Jacksonville	PK/Primary Education/ESOL	54
Florida State College at Jacksonville	Educator Preparation Institute	3
Florida State University	Art K–12	11
Florida State University	Music K–12	75
Florida State University	Mathematics 6–12	19
Florida State University	Physics (MAT)	16
Florida State University	Social Science 6–12	46
Florida State University	School Psychologist PK–12	18
Florida State University	Visually Impaired K–12	29
Florida State University	PK–Primary Education Age 3–Grade 3/ ESOL Endorsement/Reading Endorsement	35
Florida State University	English 6–12/ESOL Endorsement	38
Florida State University	Exceptional Student Education/ESOL/ Autism Spectrum Disorders	27
Florida State University	Elementary Education K–6/ESOL Endorsement/ Reading Endorsement	138
Florida Teachers of Tomorrow	Educator Preparation Institute	3
Gadsden County	Professional Development Certification Program	7
Gulf Coast State College	Educator Preparation Institute	37
Hillsborough County	Professional Development Certification Program	292
Indian River County	Professional Development Certification Program	8
Indian River State College	Middle Grades General Science 5–9	16
Indian River State College	Middle Grades Mathematics 5–9	16
Indian River State College	Exceptional Student Education/ESOL	41

Institution	Program	Teachers Evaluated (> 3 cohorts)
Indian River State College	Elementary Education/ESOL/Reading	41
Indian River State College	Educator Preparation Institute	24
Lake County	Professional Development Certification Program	20
Manatee County	Professional Development Certification Program	56
Miami Dade College	Biology 6–12	2
Miami Dade College	Educator Preparation Institute	35
Miami-Dade County	Professional Development Certification Program	72
Northwest Florida State College	Middle Grades General Science 5–9	3
Northwest Florida State College	Middle Grades Mathematics 5–9	3
Northwest Florida State College	Elementary Education/ESOL/Reading	53
Nova Southeastern University	Reading K–12	13
Nova Southeastern University	Mathematics 6–12	6
Nova Southeastern University	School Counseling	24
Nova Southeastern University	School Psychologist PK–12	19
Nova Southeastern University	Exceptional Student Education/ESOL	6
Nova Southeastern University	Elementary Education/ESOL/Reading	8
Orange County	Professional Development Certification Program	357
Palm Beach Atlantic University	Music K–12	5
Palm Beach Atlantic University	English/ESOL	4
Palm Beach Atlantic University	Elementary Education/ESOL	19
Palm Beach County	Professional Development Certification Program	131
Palm Beach State College	Educator Preparation Institute	35
Pasco County	Professional Development Certification Program	92
Pasco Hernando State College	Educator Preparation Institute	71
Pinellas County	Professional Development Certification Program	90
Polk County	Professional Development Certification Program	103
Rollins College	Music K–12	2
Rollins College	Mathematics 6–12	2
Rollins College	Elementary Education/ESOL	21
Saint Leo University	Middle Grades Social Science/Reading	3
Saint Leo University	Exceptional Student Education/ESOL/Reading	29
Saint Leo University	Elementary Education/ESOL/Reading	128
Santa Fe College	Educator Preparation Institute	33

Institution	Program	Teachers Evaluated (> 3 cohorts)
Santa Rosa County	Professional Development Certification Program	19
Seminole State College	Educator Preparation Institute	48
Southeastern University	Music K–12	4
Southeastern University	Mathematics 6–12	3
Southeastern University	Social Science 6–12	3
Southeastern University	English/ESOL	8
Southeastern University	Elementary Education/ESOL/Reading	32
Southeastern University	Exceptional Student Ed/Elementary Ed/ESOL/Reading/ Autism Spectrum Disorders	5
Southeastern University	Exceptional Student Ed/Elementary Ed/ESOL/Reading/ Autism Spectrum Disorders/Gifted	2
St. Johns River State College	PK–Primary Education Age 3–Grade 3/ESOL Endorsement/ Reading Endorsement	39
St. Johns River State College	Educator Preparation Institute	67
St. Petersburg College	Mathematics 6–12	9
St. Petersburg College	Middle Grades General Science 5–9	10
St. Petersburg College	PK–Primary Education Age 3–Grade 3/ESOL Endorsement/ Reading Endorsement	15
St. Petersburg College	Exceptional Student Education/ESOL/Reading	63
St. Petersburg College	Elementary Education/ESOL/Reading	127
St. Petersburg College	Educator Preparation Institute	30
State College of Florida, Manatee-Sarasota	Educator Preparation Institute	65
Stetson University	Music K–12	23
Stetson University	Elementary Education/ESOL	35
Sumter County	Professional Development Certification Program	6
Union County	Professional Development Certification Program	8
University of Central Florida	Art K–12	19
University of Central Florida	Music K–12	31
University of Central Florida	Reading K–12	34
University of Central Florida	Mathematics 6–12	47
University of Central Florida	Physics 6–12	43
University of Central Florida	Social Science 6–12	77
University of Central Florida	Guidance and Counseling PK–12	43
University of Central Florida	Middle Grades Mathematics 5–9	3

Institution	Program	Teachers Evaluated (> 3 cohorts)
University of Central Florida	World Language Spanish K–12	3
University of Central Florida	School Psychologist PK–12	29
University of Central Florida	PK–Primary Education Age 3–Grade 3/ESOL Endorsement/ Reading Endorsement	96
University of Central Florida	English 6–12/ESOL Endorsement	97
University of Central Florida	Exceptional Student Education K–12/ESOL Endorsement/ Reading Endorsement	13
University of Central Florida	Elementary Education K–6/ESOL Endorsement/ Reading Endorsement	820
University of Florida	Art K–12	6
University of Florida	Music K–12	23
University of Florida	Chemistry 6–12	4
University of Florida	Social Science 6–12	19
University of Florida	Guidance And Counseling PK–12	15
University of Florida	School Psychologist PK–12	10
University of Florida	English 6–12/ESOL Endorsement	15
University of Florida	Elementary Education K–6/ESOL Endorsement/ Reading Endorsement	132
University of Florida	Exceptional Student Education K–12/Elementary Education K–6/ESOL Endorsement/Reading Endorsement	72
University of Florida	Preschool Education Birth–Age 4/PK–Primary Education Age 3–Grade 3/PK Disabilities Endorsement/ESOL Endorsement	33
University of Florida	Educator Preparation Institute	36
University of Miami	Music K–12	6
University of Miami	Exceptional Student Education/Elementary Education/ Reading/ESOL	8
University of North Florida	Music K–12	12
University of North Florida	Mathematics 6–12	11
University of North Florida	Hearing Impaired K–12	7
University of North Florida	Middle Grades Mathematics 5–9/ Middle Grades General Science 5–9	6
University of North Florida	PK–Primary Education Age 3–Grade–3/ESOL Endorsement	24
University of North Florida	English 6–12/ESOL Endorsement	25
University of North Florida	Exceptional Student Education K–12/ESOL Endorsement	26
University of North Florida	Elementary Education K–6/ESOL Endorsement	178

Institution	Program	Teachers Evaluated (> 3 cohorts)
University of South Florida	Music K–12	36
University of South Florida	Reading K–12	40
University of South Florida	Physics 6–12 (MAT)	42
University of South Florida	Guidance and Counseling PK–12	36
University of South Florida	Middle Grades Mathematics 5–9 (MAT)	29
University of South Florida	World Language Spanish K–12/ESOL Endorsement (MAT)	2
University of South Florida	School Psychologist PK–12	8
University of South Florida	PK–Primary Education Age 3–Grade 3/ESOL Endorsement	40
University of South Florida	English 6–12/ESOL Endorsement (MAT)	95
University of South Florida	Physical Education K–12	27
University of South Florida	Exceptional Student Education K–12/ESOL Endorsement/ Reading Endorsement (MAT)	46
University of South Florida	Exceptional Student Education K–12/Elementary Education K–6/ESOL Endorsement/Reading Endorsement	112
University of Tampa	Social Science 6–12	3
University of Tampa	English/ESOL	6
University of Tampa	Physical Education K–12	3
University of Tampa	Elementary Education/ESOL/Reading	21
University of West Florida	Physical Education K–12	11
University of West Florida	Elementary Education K–6/ESOL Endorsement/ Reading Endorsement	30
University of West Florida	Educator Preparation Institute	118
Valencia College	Educator Preparation Institute	155
Warner University	Elementary Education/ESOL	6

Important context for analyzing this metric is that nearly all teachers in Florida receive an effective or highly effective rating on their evaluation. State data show that over 98% of teachers received a rating of effective or highly effective. Given the lack of differentiation among the underlying data, the high program scores are not surprising. The state may want to consider whether programs scoring less than a 3.0 are in need of technical assistance or intervention.

Exhibit 46
Average Score for Teacher Evaluation by Program Type 2014–2021

EPI

2014	2015	2016	2017	2018	2019	2020	2021
3.0	3.1	3.3	3.1	3.5	3.6	3.8	3.8

PDCP

2014	2015	2016	2017	2018	2019	2020	2021
3.1	3.3	3.5	3.5	3.6	3.6	3.9	3.9

Private IHE

Year	2014	2015	2016	2017	2018	2019	2020	2021
Value	3.0	3.3	3.3	3.2	3.3	3.5	3.6	3.8

State College

Year	2014	2015	2016	2017	2018	2019	2020	2021
Value	2.8	3.0	3.0	3.2	3.2	3.2	3.4	3.7

State University

Year	2014	2015	2016	2017	2018	2019	2020	2021
Value	3.1	3.3	3.4	3.3	3.5	3.4	3.8	3.9

All Programs

2014	2015	2016	2017	2018	2019	2020	2021
3.1	3.2	3.3	3.3	3.4	3.4	3.7	3.8
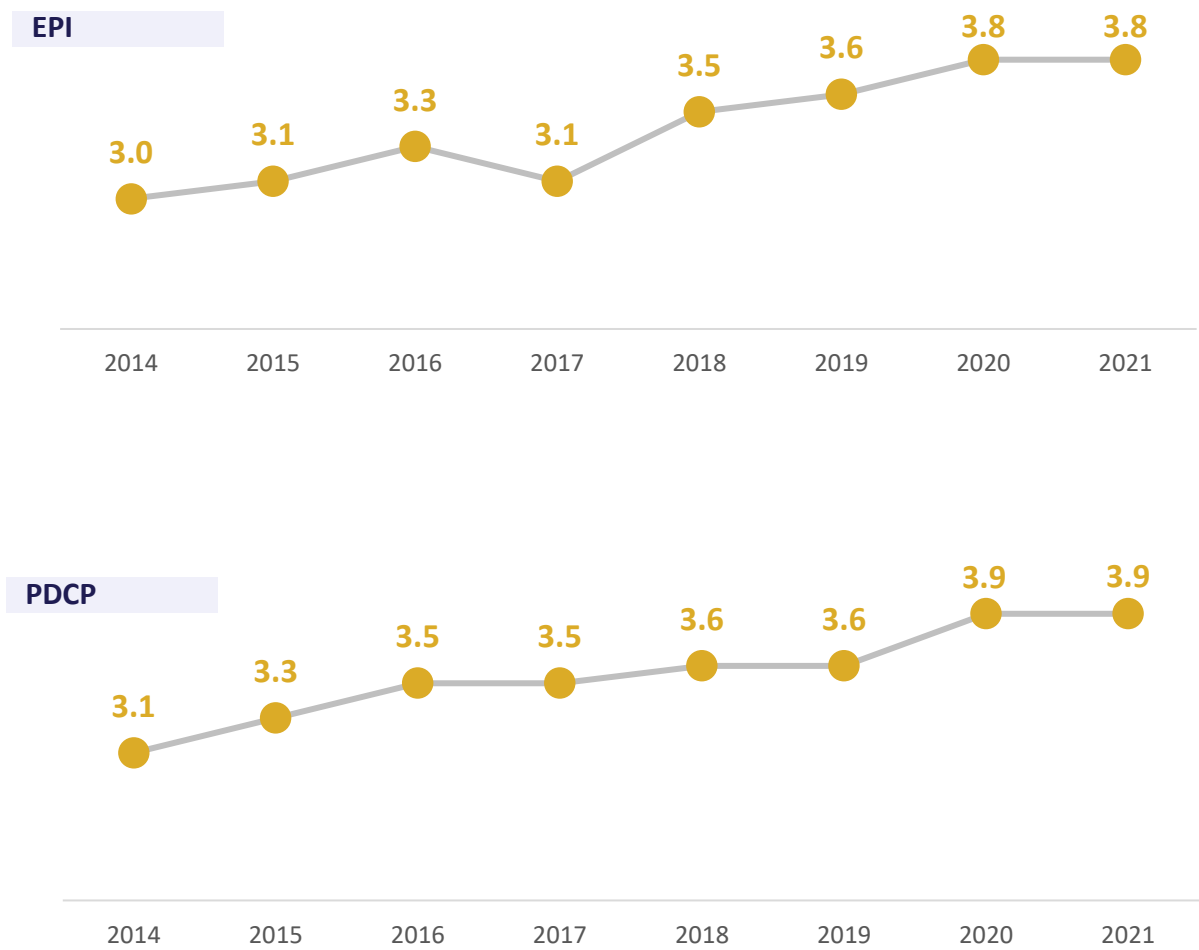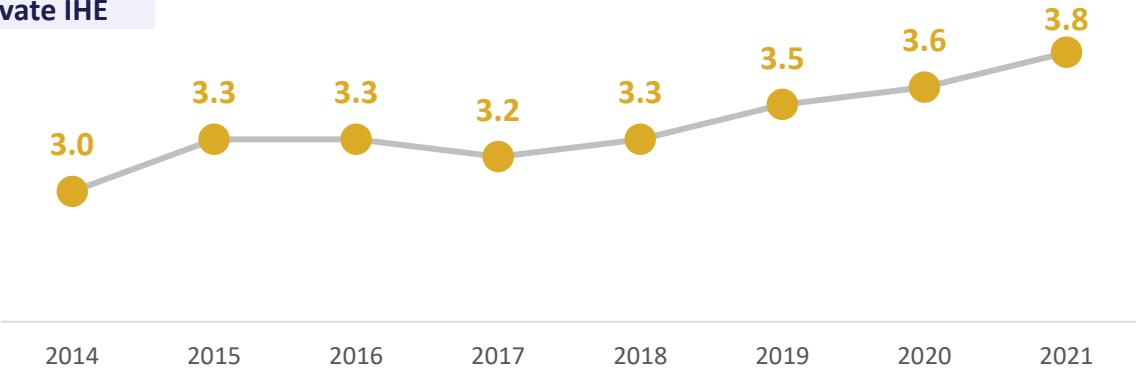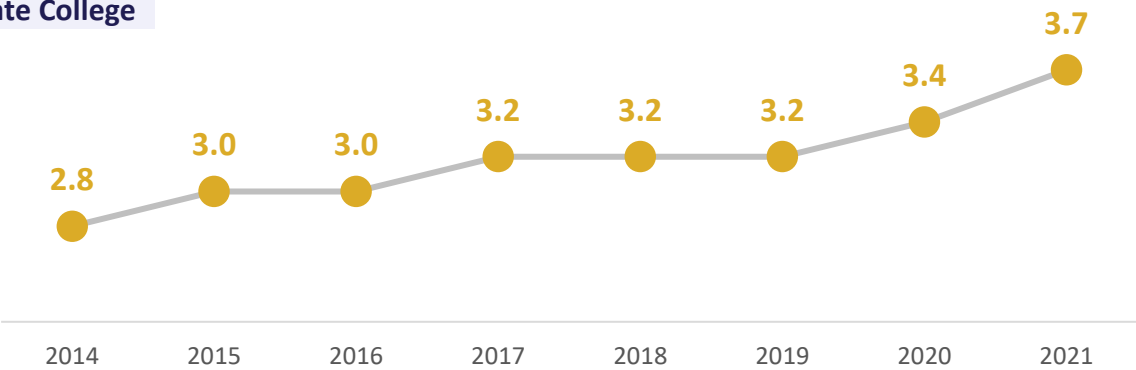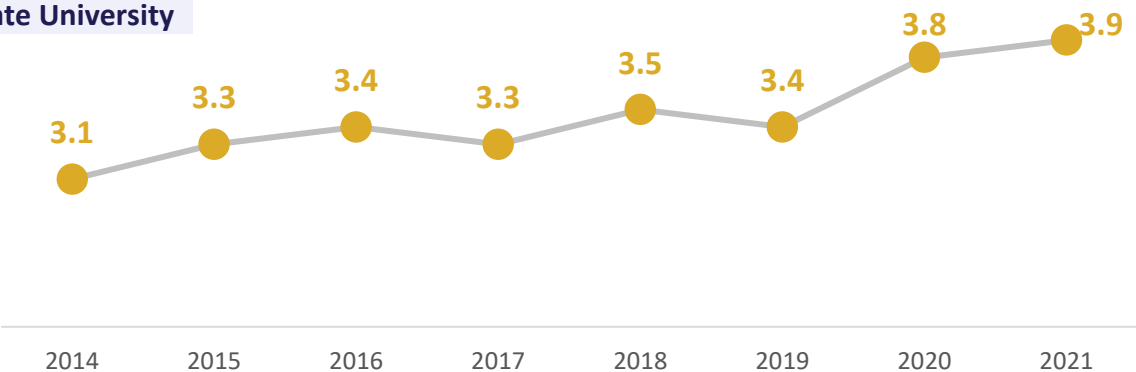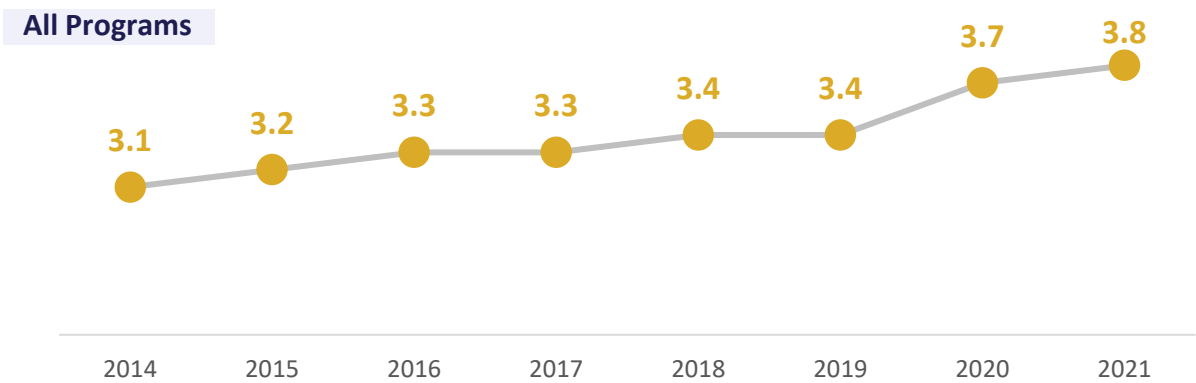
Exhibit 47
Distribution of Teacher Evaluation Scores by Program Type

EPI

	1 Low	2	3	4 High	Not Rated
Programs	0	2	0	19	5
Score					

PDCP

	1 Low	2	3	4 High	Not Rated
Programs	0	0	2	21	11
Score					

Private IHE

	1 Low	2	3	4 High	Not Rated
Programs	0	2	6	45	47
Score					

State College

Programs

	0	2	9	27	4

Score	1 Low	2	3	4 High	Not Rated

State University

Programs

	0	7	7	91	18

Score	1 Low	2	3	4 High	Not Rated
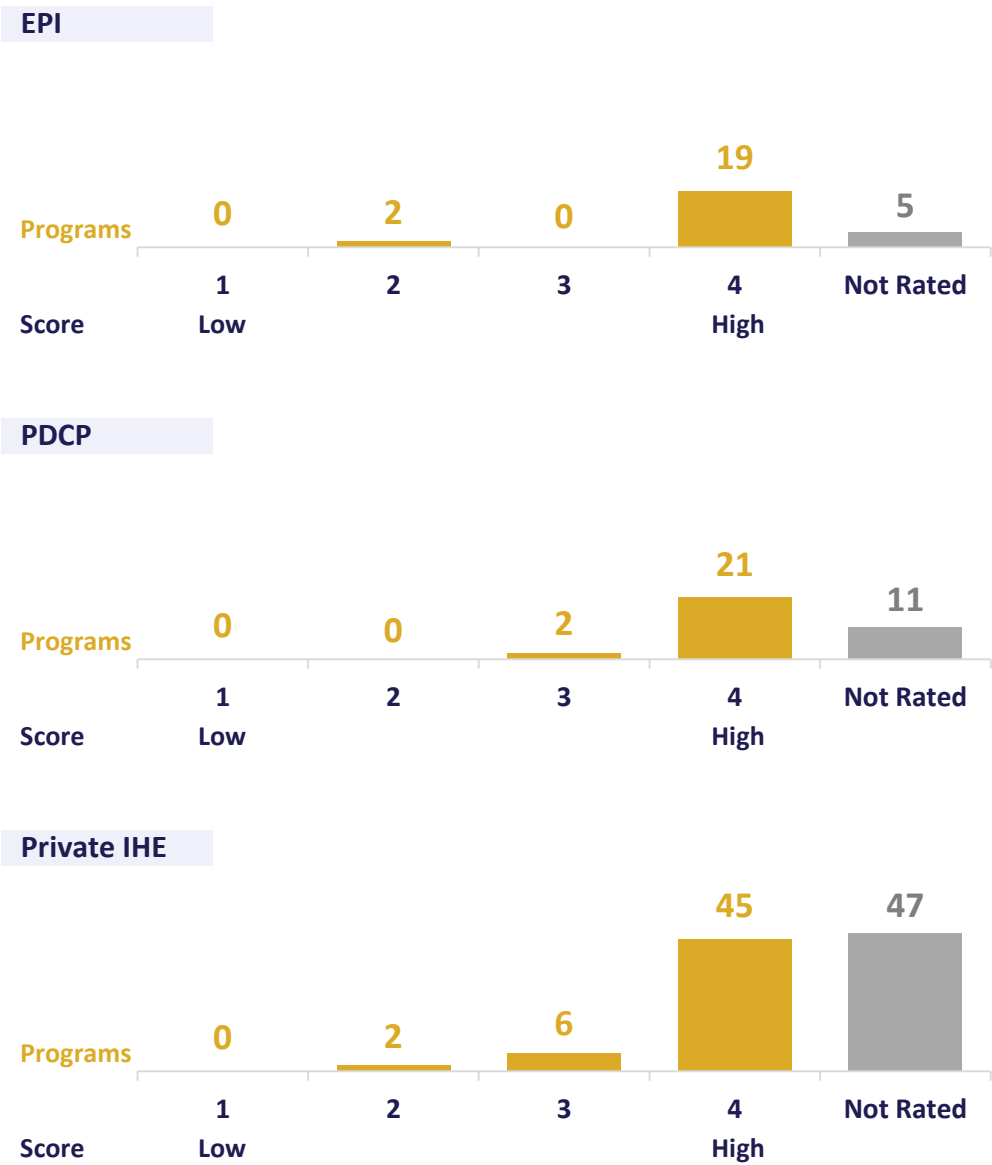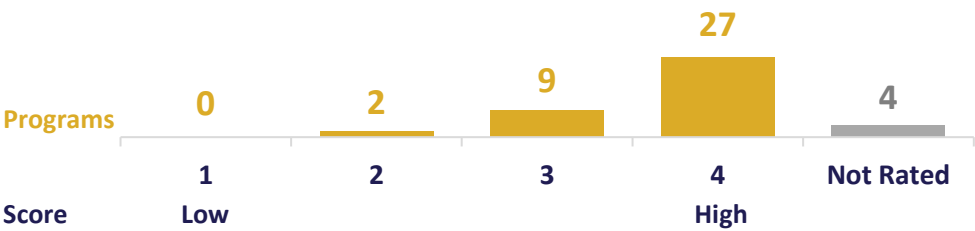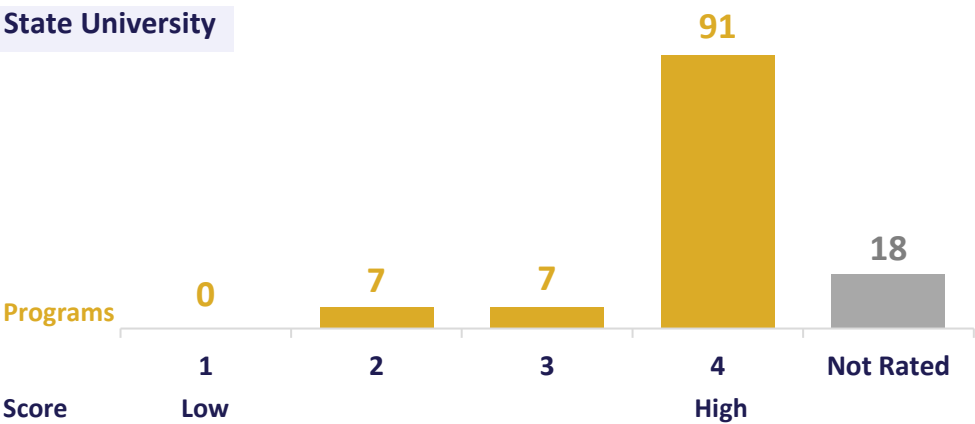
Bonus Metric
Critical Shortage Areas

The final metric in Florida's teacher preparation accountability system considers whether programs are producing teachers in critical shortage subject areas. Since by design many programs are not preparing teachers for these subject areas, this metric is not used to evaluate all programs as the other performance metrics are. Instead, eligible programs can earn bonus points that impact their summative scores and rankings.

Critical teacher shortage areas are determined and published each year by the State Board of Education in accordance with Rule 6A-20.0131, Florida Administrative Code. For the school year 2018 – 2019, the following were identified as critical shortage areas, in rank order:

- Science-General
- English
- English for Speakers of Other Languages (ESOL)
- Exceptional Student Education (ESE)
- Mathematics
- Reading
- Science-Physical

Based on these identified areas, 179 of the 325 programs analyzed were eligible for the critical teacher shortage area bonus. To earn the bonus, eligible programs must have a minimum of two program completers and increase the number of program completers compared to the prior year.

FINDING

23 out of 179 eligible programs (13%) received the critical teacher shortage bonus.

Exhibit 48
Eligibility for Critical Teacher Shortage Area Bonus

Ineligible EPIs and PDCPs
60

Ineligible ITPs
86

179 Eligible Programs

n = 325
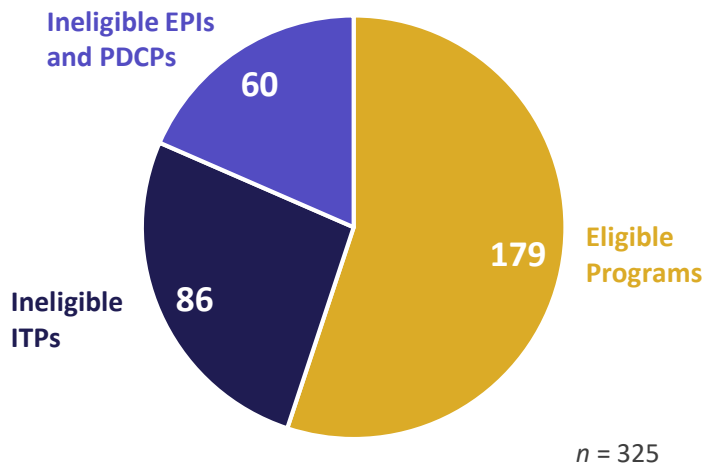
Exhibit 49
Programs Awarded Critical Teacher Shortage Area Bonus

Of 179 Eligible Programs

Earned bonus
23

156 Did not earn bonus
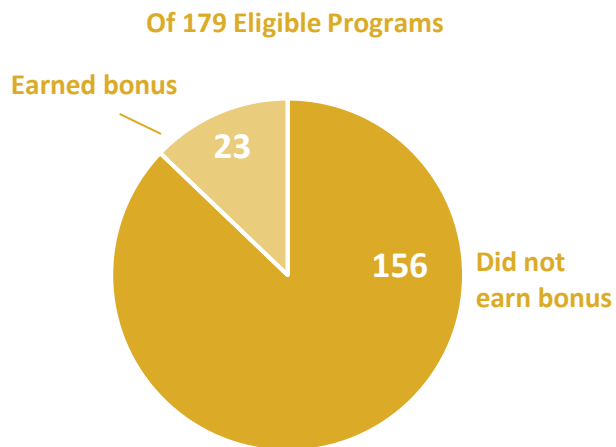
Exhibit 50
Programs Receiving the Critical Shortage Area Bonus

Institution	Program Name	Increase in Completers From 2020
Chipola College	Exceptional Student Education/ESOL/Reading	2
College of Central Florida	PK Primary Ed/ESOL/Reading/PK Disabilities	5
Flagler College	Elementary Education/Hearing Impaired/ESOL/Reading	3
Florida Atlantic University	Biology, Chemistry and Physics	1
Florida Atlantic University	Exceptional Student Education/ESOL	1
Florida Gulf Coast University	Mathematics	2
Florida Gulf Coast University	Exceptional Student Education/ESOL/Reading	1
Florida International University	Biology, Chemistry, Earth/Space and Physics	1
Florida International University	English/ESOL	4
Florida International University	PK/Primary Ed/ESOL/Reading AND PK/Primary Education/ESOL	7
Florida State University	Mathematics (FSU-Teach)	12
Florida State University	Exceptional Student Education/ESOL/Autism Spectrum Disorders and Exceptional Student Education/ESOL	2
Saint Leo University	Exceptional Student Education and Exceptional Student Education/ESOL/Reading	4
St. Johns River State College	PK/Primary Ed/ESOL/Reading	6
St. Petersburg College	Mathematics	1
University of Central Florida	Exceptional Student Education/ESOL/Reading	9
University of North Florida	Biology, Chemistry, Physics	2
University of North Florida	Mathematics	2
University of North Florida	English/ESOL	1
University of South Florida	Mathematics (MAT) and Mathematics	15
University of South Florida	PK-Primary Education/ESOL AND PK/Primary Ed/ESOL/Reading	8
University of South Florida	English/ESOL and English/ESOL (MAT)	10
University of South Florida	Elementary Education/ESE/ESOL/Reading	15

Combining multiple programs into a single unit of analysis for accountability purposes makes it challenging to accurately understand whether teacher preparation programs are helping to address chronic shortages. For instance, treating 'science' as a broad shortage category may mask important differences among science disciplines and reward programs and institutions that are doing little to contribute to the production of new teachers in key shortage subjects, such as Physical Science in 2018 – 2019. Further, there is no differentiation in the scoring for this metric that accounts for programs that produce significantly greater numbers of new teachers or the percentage increase relative to overall program size. Including such a differentiation might encourage programs to increase their efforts to produce new teachers in these critical shortage areas. Only four programs receiving the bonus this year increased their teacher production by ten or more teachers; six produced just one more teacher than the previous year.

FINDING

Five out of the 23 programs (22%) that earned the critical shortage area bonus received low scores for teacher placement.

Five of the programs that received the critical teacher shortage area bonus received a score of 2.0 or lower on the teacher placement metric, which means the employment rate of their new teachers is in the bottom third of similar programs in the state.

One possible explanation is that school districts are unaware of the availability of new teachers from these programs, which may be located in different parts of the state than those from which particular districts typically recruit new teachers. Perhaps completers from these programs are recruited or seek employment out of state, in which case the state may want to consider strategies to keep these much-needed new teachers in Florida. Another possible explanation is that school districts do not consider teachers from these programs well prepared for the classroom. A closer look at what can be done to get these teachers to the Florida schools that need them may be in order.

Exhibit 51
Critical Shortage Area Programs With Low Placement Scores

Institution	Program Name	Placement Score
College of Central Florida	PK Primary Ed/ESOL/Reading/PK Disabilities	2
Florida Gulf Coast University	Mathematics	2
Florida International University	English/ESOL	2
Florida State University	Exceptional Student Education/ESOL/Autism Spectrum Disorders AND Exceptional Student Education/ESOL	2
University of South Florida	PK/Primary Ed/ESOL/Reading AND PK-Primary Education/ESOL	1

Exhibit 52
Distribution of Teacher Shortage Bonus by Program Type

Institution Type	Eligible	Earned Bonus
Private IHE	66	2
State College	41	4
State University	72	17

The critical teacher shortage area bonus is currently not applicable to EPIs and PDCPs. Because those programs by design may include teachers of varying grades and subjects, a separate set of business rules may be needed to determine their eligibility and production of teachers in shortage areas.

CONSIDERATIONS

Florida's current teacher preparation accountability system is in dire need of changes and should be modernized to meet the needs of schools and Florida's PK-12 students and families. This section of the report offers suggestions for Florida's consideration to further advance the architecture of its teacher preparation program accountability system and the value and usefulness of the information it provides with the goal of improving the quality of teacher preparation to improve outcomes for Florida's PK-12 students. Florida should act with urgency to review these considerations with the goal of improving teacher quality. There are undoubtedly tradeoffs and issues of context, capacity, and resources that come into play as the state reflects on the feasibility of these ideas.

1. **Increase the number of programs that can be ranked by addressing the causes of unscored metrics and reevaluating the number of subscores required.**

This report only includes rankings for 105 out of 325 programs. While the number of ranked programs has increased in 2021 with the availability of student learning data for EPIs and PDCPs in 2021, the total number of ranked programs continues to be limited with the requirement that programs have student learning data to be ranked.

As recommended in the 2020 report, the state may want to consider allowing programs for which a VAM score is not available to be ranked with only three subscores, giving additional weight to the teacher evaluation metric as an alternate measure of student learning for those programs. Had this 2020 recommendation been implemented in 2021, 72 additional programs would receive rankings, significantly increasing the total.

Additionally, the 2021 rankings support the 2020 recommendation that the Florida Department of Education consider identifying and addressing the causes of why large numbers of programs are not scored. Seventy-nine programs in this year's analysis have zero subscores, 17 more than last year. Some of these may be new or very small programs, but the state should continue to identify inactive programs and remove them from data files so they do not reflect negatively on the system as a whole. When performance data are missing for particular programs, the state might consider including the explanation in its public reporting, so that it is clear if the cause is an expected exclusion or something else that needs to be corrected or addressed. For example, a straightforward designation could be used to indicate whether programs are not rated because they are too small, had another legitimate reason for exclusion, or failed to report data. If programs repeatedly fail to provide required data to the Florida Department of Education, the state should consider if a negative impact on their APPRs may be warranted.

Exhibit 53
Percent of Programs Scored by Metric

| Variable | Programs Rated | | Percent of Programs Rated | | | | Note |
| | | | Total Programs | | Applicable Programs | | |
	2020	2021	2020	2021	2020	2021	
Placement rate	181	178	57%	55%	63%	61%	Not applicable to PDCP programs
Retention rate	194	181	61%	56%	61%	56%	
Student learning growth and student learning growth by subgroup	86	119	27%	37%	~40%	44%	Not applicable to ITPs in grades or subjects without statewide assessments
Teacher evaluation	249	240	78%	74%	78%	74%	

2. Consider alternative weighting formulas based on evaluation data quality, rigorousness, and differentiation between programs.

As noted in the 2020 report, all performance metrics continue to be treated equally in the calculation of summative scores even though some indicators may provide higher quality data than others and some clearly provide more differentiation among programs than others. Additionally, the metrics are not consistently rigorous. For example, while the retention rate rubric appears to be quite rigorous, requiring a minimum average retention rate of 3 years to earn a score of 3.0, the student learning subgroup measure only requires teachers to have positive learning results with 50% of the student subgroups to earn a 3.0 on the student learning subgroup measure. As noted in 2020, the Florida Department of Education may want to consider whether these metrics should be equally weighted in the summative scores even if there are legitimate reasons for some metrics to be based on less rigorous expectations.

The Florida Department of Education may also want to consider alternative weighting formulas for programs that will never have certain metrics, such as those requiring student assessments. As noted in 2020, for programs in grades or subject areas that do not have statewide assessments, weighting the teacher evaluation metric more heavily might increase these programs' emphasis on teachers' classroom performance. Even with relatively little differentiation among teacher performance based on teacher evaluation results at present, the differentiation in program ratings on this metric in 2020 and 2021 suggests that it might be important for identifying outliers, especially for programs for which there are no other metrics that reflect the performance in the classroom of program completers and their students.

As discussed earlier, further exploration of certain metrics through available data might provide helpful information to Florida teacher preparation programs and the field nationally, even if these data are not used for accountability purposes. For example, while there has been a slight

downturn on the retention metric in 2021, the continuing high level of performance on this metric suggests that further analysis is warranted on whether new teachers continue to be employed in the same positions or change positions within or across schools or districts over their first five years of employment. Understanding what some programs may do that contributes to new teachers thriving in a variety of settings or in helping teacher candidates to identify which environments that suit them best could provide a substantial contribution to the field on an issue that continues to be a challenge nationally.

Exhibit 54
Distribution of Performance Metric Scores

Placement Rate
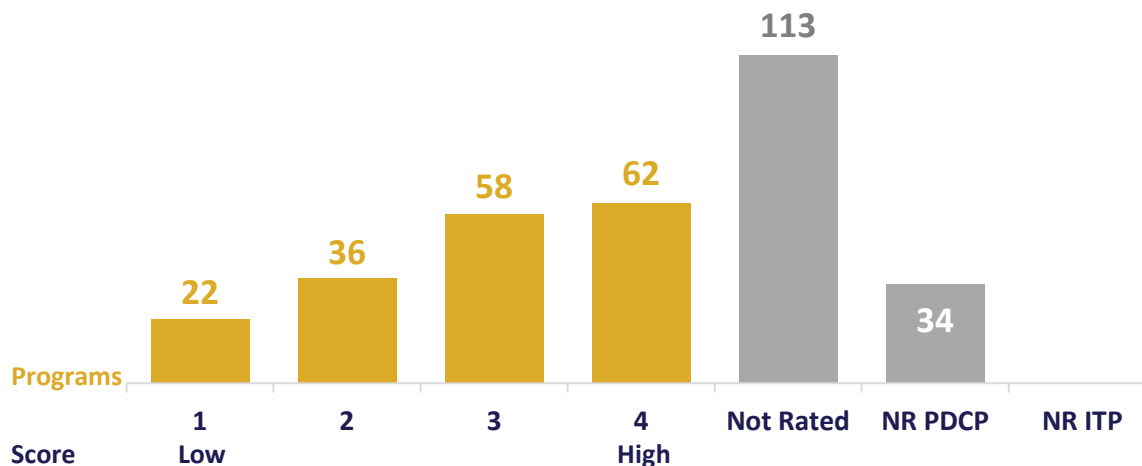
Retention Rate
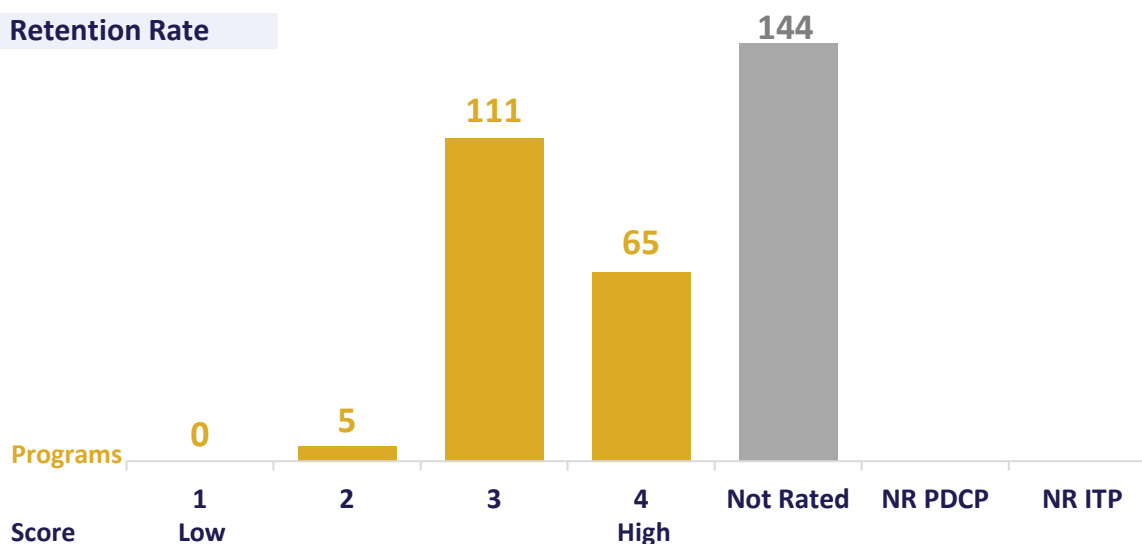
Student Learning Growth
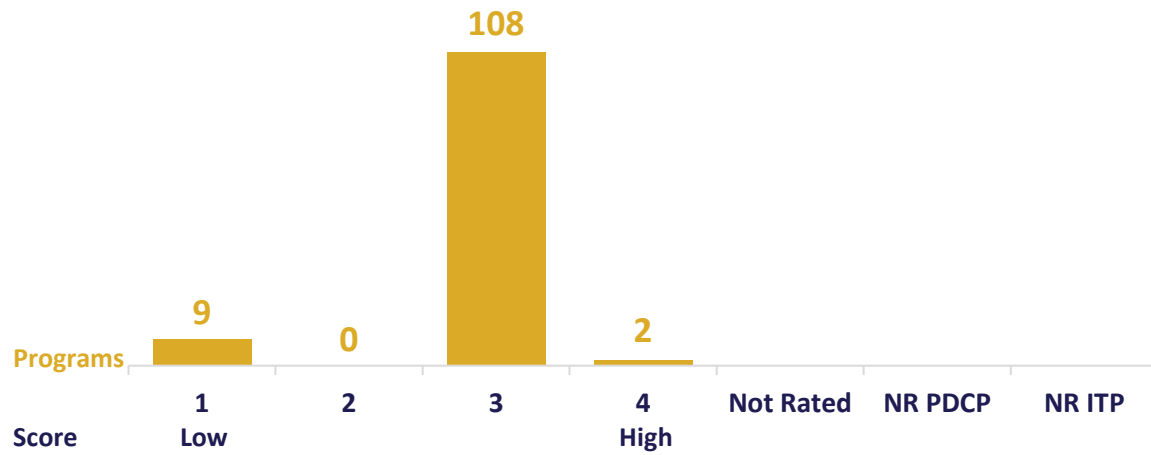
Student Learning Growth by Subgroup
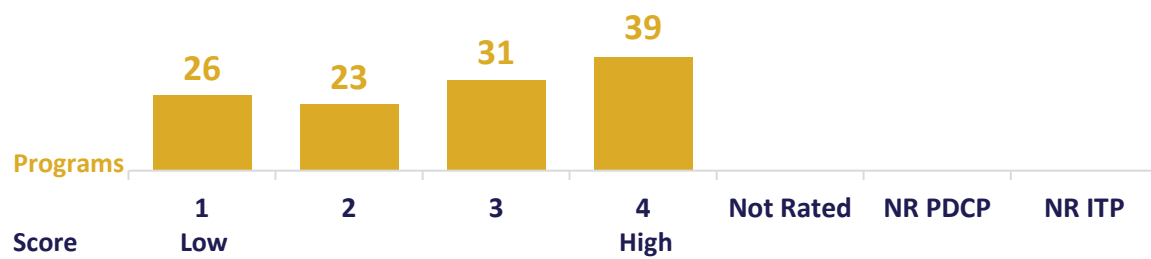
Teacher Evaluation
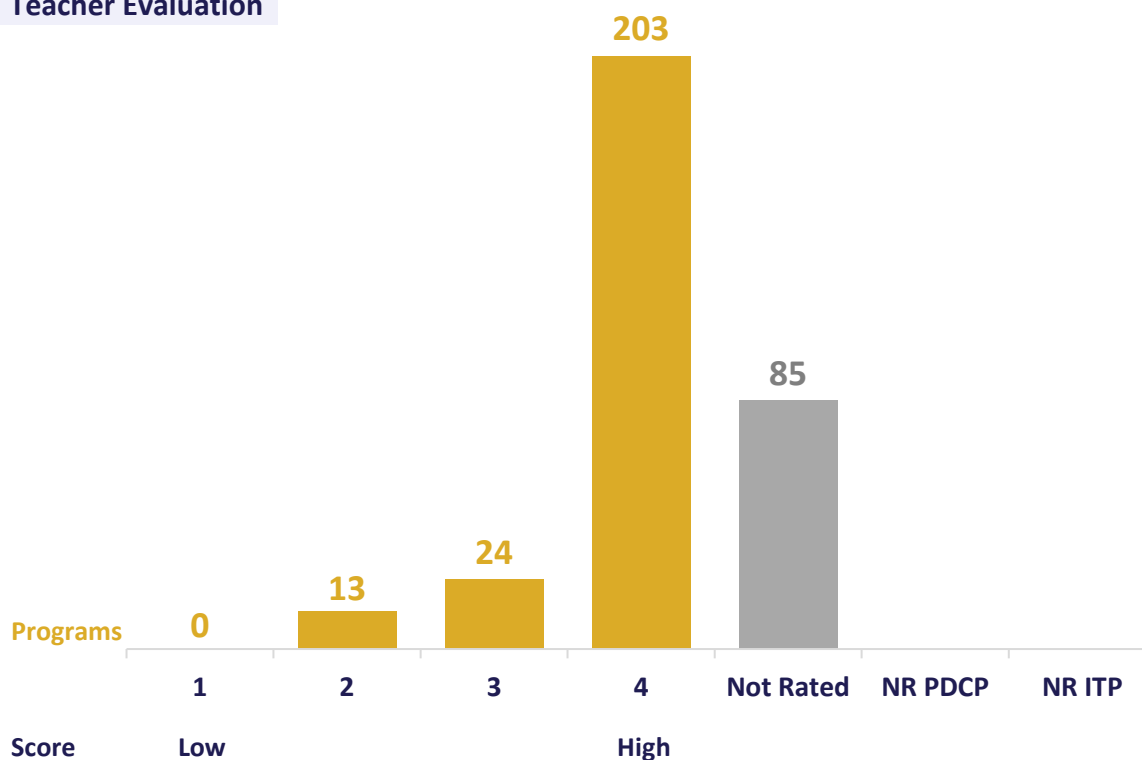
3. Rethink the application of the critical shortage area bonus metric to ensure it is meeting the objective of incentivizing and rewarding the production of the most needed teachers.

The critical teacher shortage area metric is awarded only as a bonus so that it can only raise a program's overall score, as it is the state's intention to reward programs that produce teachers in shortage areas and not to penalize programs that do not. While this is a sound approach, the metric as presently applied does not actually reward those Florida programs that produce the most critically needed teachers. To earn the bonus, programs must show an increase in the number of teachers produced compared to the previous year. However, as currently defined, programs need only increase the number of teachers produced in critical shortage areas by one over the previous year, which does little to help the state's shortage issues. For both 2020 and 2021, many recipients of the bonus show very modest increases. In 2021, 83% of the bonus recipients produced fewer than 10 additional teachers. Meanwhile, programs that are graduating many more teachers in critical shortage areas but have not increased their numbers from the previous year do not earn the bonus. To solve this issue, Florida may want to consider developing a rubric for this metric similar to those of the other metrics that allows for a range of points to be earned so that both overall production and increase in production can be rewarded more meaningfully.

4. **Modify teacher preparation program accountability system business rules to make the resulting data more meaningful.**

As noted in the 2020 report, several changes might be made to the business rules used in calculating some of the metrics that would strengthen the reliability and usefulness of the data. First, while the system is designed to rate and rank providers at the program rather than institution level, the practice of aggregating discrete programs so that programs with smaller numbers of completers can be included negates this program level accountability for the aggregated programs. In 2021, 73 of 398 programs, or 18%, are aggregates of multiple programs. While it may not be feasible to do away with all aggregations as recommended in the 2020 report, the Florida Department of Education should consider developing a very narrow set of criteria under which aggregations are permissible. While some combining may be necessary to maintain the anonymity of program completers in very small programs, the state should consider adopting a reasonable minimum "*n*" to apply for making these determinations that provides the proper balance between protecting candidate anonymity and providing public accountability.

Second, rounding summative scores to the hundredths rather than the tenths place would allow for more illustrative comparisons. With only a 4-point scale, rounding to a single decimal place masks potentially meaningful differentiation between programs. It is likely there would be far fewer ties in the ranking tables if an additional decimal place was presented. It is also likely that in some cases rounding to only the tenths place nullifies the impact of the critical teacher shortage area bonus metric.

5. **Develop and disseminate model surveys with a set of required items for all programs to meet the new accountability requirement, facilitate implementation, and maximize comparability across programs.**

Satisfaction surveys of program completers and their employers were carried out for the first time during the 2020 – 2021 school year, with programs submitting their survey templates, completed forms, and summary findings to the state. The Florida Department of Education should consider tracking trends in response rates and survey content, independent of their forthcoming recommendations to the state board about how survey results should be incorporated in the continued program approval process and formula.

Response Rate. It appears that programs are currently permitted to set their own response rate targets. It is advisable for the state to set a benchmark response rate based, in part, on the distribution of 2020 response rates. Florida Department of Education could also consider implementing score weightings that reward higher response rates. The state might also consider consequences for programs not meeting the response weight benchmark and accompanying technical assistance required to support their improvement.

Survey Content. An analysis of 2020 survey forms and responses should be undertaken to determine if the data are valid, comparable, and appropriate in meeting the state's accountability interests. The state might consider building a survey template that includes a set of questions all programs are required to use based on the state's priorities for data to be collected through the survey. These required items might be based on items used by programs in 2020 or include newly developed items to ensure integration of state priorities that may not have been represented in program surveys. This template could also allow for providers to add optional items to address their specific provider or program priorities or needs. Prior to finalizing the content for such a template, it will be critical for the Florida Department of Education to determine their specific priorities for collecting survey data.

Analysis of Results. Before adding the survey data as a performance metric in the teacher preparation accountability system, the Florida Department of Education will need to determine whether to factor individual data points in the survey or a holistic rating into the APPR metrics. It may be best to wait to make these decisions until a survey with a set of comparable required items has been administered for two or three years and data from these survey administrations can be analyzed to set baselines and targets for response rates and individual and summative responses that can inform this new metric.

Additionally, the Florida Department of Education will need to determine how to best include the action plans providers are required to submit in response to the survey findings. The Florida Department of Education will need to determine whether these plans will factor into scoring either at the time of submission or in future years to verify whether follow-up actions were taken and the results they produced. Finally, as noted in the 2020 report, the Florida Department of Education should consider including PDCP programs in the survey requirement and metric as their programs could use the survey results to better understand candidate experiences and improve their programs.

6. Continue to develop a dissemination strategy that ensures these findings reach the intended audiences.

Florida's commitment and dedication of resources to the development and implementation of its teacher preparation program accountability system are commendable. However, a dissemination strategy that extends beyond the specific delivery requirements of the authorizing statute and that can help to maximize the reach and impact of the findings should be considered if the goal of the accountability system and reporting is, in fact, to inform important stakeholders, including local school districts and prospective teacher candidates. While the Florida Department of Education's new user-friendly website that provides direct links to more information about individual programs is a step in making the data more easily accessible to these stakeholders. Components of a dissemination strategy that ensures that all stakeholders, especially programs, school districts and prospective teachers, as well as policymakers and funders, are aware of and can access this excellent new resource might

include requiring each provider to link from their program websites to the teacher preparation accountability data for the program on the Florida Department of Education's website and sharing highlights from this report through social media, infographics, or blogs. Additionally, the Florida Department of Education might consider providing updates to district superintendents and human resource officers that include highlights related to the top programs or providers for specific certification areas. These types of updates might be especially helpful in increasing awareness and placement of new teachers completing programs in critical shortage areas in Florida public schools.

FLORIDA TEACHER CERTIFICATION EXAMINATIONS

Teacher candidates in Florida are required to pass assessments that measure their competency in general knowledge, professional knowledge, and content area knowledge as a condition of certification. Program completers' success in passing these assessments is an additional variable that helps shine a light on the quality of preparation provided by programs and the effectiveness of the teachers they produce.

Exhibit 55 identifies the full set of assessments offered as part of the Florida Teacher Certification Exams (FTCE). Appendix H provides complete data for the assessments in wider use, including the program subject areas ranked in this report. For each teacher preparation program, first attempt and best attempt pass rates, number of examinees, and mean score are reported for each offered assessment. In addition, aggregate results for examinees who are not affiliated with particular preparation programs are reported.

Exhibit 55
Florida Teacher Certification Examinations

†indicates full data set provided in Appendix H

General Knowledge
Subject 1: Essay
Subject 2: English Language Skills
Subject 3: Reading
Subject 4: Mathematics
Professional Knowledge
Professional Education (PED) †
Subject Area Knowledge
Agriculture 6–12
Art K–12
Biology 6–12†
Business Education 6–12
Chemistry 6–12
Computer Science K–12
Drama 6–12

Earth-Space Science 6–12

Educational Media Specialist PK–12

Elementary Education K–6 (4 subtests)†

English 6–12 (2 subtests)†

Engineering and Technology Education 6–12

English to Speakers of Other Languages (ESOL) K–12†

Exceptional Student Education K–12†

Family and Consumer Science 6–12

French K–12

German K–12 (2 subtests)

Guidance and Counseling PK–12

Health K–12

Hearing Impaired K–12

Humanities K–12

Latin K–12

Marketing 6–12

Mathematics 6–12†

Middle Grades English 5-9 (2 subtests)

Middle Grades General Science 5–9

Middle Grades Mathematics 5–9

Middle Grades Social Science 5–9

Music K–12

Physical Education K–12

Physics 6–12

PK–3 (4 subtests)†

Preschool Education Birth to Age 4

Reading K–12†

School Psychologist K–12

Social Science 6–12†

Spanish K–12

Speech-Language Impaired K–12

Visually Impaired K–12

There is a significant volume of available FTCE data, a comprehensive analysis of which is outside the scope of this report. Instead, the following section focuses on the FTCE Elementary Education subtests.

Before considering those data, there are some general observations and related suggestions that apply to most FTCE data. Florida reports pass rates for both first-time test takers and best attempt (i.e., the percentage of test takers who ultimately pass). The Florida Department of Education may want to consider also including the average number of attempts, which would provide important context for the best attempt data. The first-time pass rate provides some of this context, but the average number of attempts would provide even more.

For most assessments, the number of examinees not affiliated with a particular program far exceeds the number of examinees from preparation programs, and in most cases, the pass rate for non-program examinees is considerably lower. While it may be desirable for the state to have pathways that allow those who can demonstrate their subject area expertise to have a fast track to the classroom, especially in shortage areas, there may be unintended consequences associated with making the assessments so widely available. In particular, the large number of non-program examinees makes the average pass rate for a specific assessment not especially meaningful without looking at the breakdown between program and non-program test takers. A low average pass rate could result in the perception that a particular assessment is too difficult or the cut score too rigorous, when a closer look at the data tells a different story. It may also be helpful to take a closer look at the non-program examinees. It is possible that a percentage of these test takers are licensed teachers seeking to add a certification or endorsement in another subject area, and the pass rate for non-program examinees may be even lower if already certified teachers were removed from that group.

In addition, pass rate data for the professional knowledge and general knowledge examinations are only reported at the institutional level. There may be significant differences in passing rates across programs that cannot currently be ascertained. Further, it precludes any analysis across assessments for specific programs. It is not currently possible to see if there are programs that are stronger in content preparation but have considerable weaknesses in pedagogy, or vice versa; either case would be important to know for programs' continuous improvement and potentially of interest to prospective teachers, hiring school districts, and policymakers as well. The Florida Department of Education might consider breaking these data out in the future.

Elementary Education

The FTCE in Elementary Education includes four subtests: Language Arts and Reading; Social Science; Science; and Mathematics. Exhibit 56 shows the elementary education programs with 100% pass rates for either the first or best attempt, along with the corresponding 2021 APPR score and corresponding program rank in this year's report. No state university programs had subtests with 100% first attempt and/or best attempt past rates.

It should be noted that while the FTCE and APPR data used in this year's report are from roughly the same timeframe, there may be variance in program cohorts and the comparison between pass rates and APPRs is provided for informational purposes only. In addition, it should also be noted that the number of test takers varies across programs from the single digits to over 900, and it may be less challenging for a small program to achieve a perfect pass rate.

Exhibit 56
Elementary Education Programs With 100% First Attempt and/or Best Attempt Pass Rates

Dashes indicate that data are not applicable.

Institution Type	Subtests With 100% Pass Rate (4 total)	2021 APPR Score	Rank Overall	Rank Among Elementary Programs
Educator Preparation Institutes				
Eastern Florida State College	Language Arts and Reading, Social Science, Science, Mathematics	1.0	–	–
Florida Gateway College	Language Arts and Reading, Social Science, Science	3.2	43	–
Indian River State College	Social Science, Science	3.2	43	–
Saint Leo University	Language Arts and Reading, Social Science, Science, Mathematics	1.0	–	–
Santa Fe College	Language Arts and Reading, Social Science	3.4	27	–
St. Petersburg College	Language Arts and Reading, Social Science, Science	3.4	27	–
University of Arizona Global Campus	Language Arts and Reading, Social Science, Science, Mathematics	1.0	–	–
University of Florida	Science	3.2	43	–
Professional Development Certification Programs				
Alachua	Language Arts and Reading, Social Science, Science, Mathematics	3.5	15	–
Baker	Language Arts and Reading, Social Science, Science, Mathematics	–	–	–

Institution Type	Subtests With 100% Pass Rate (4 total)	2021 APPR Score	Rank Overall	Rank Among Elementary Programs
Desoto	Social Science, Science	–	–	–
Bradford	Language Arts and Reading, Social Science, Science, Mathematics	–	–	–
Brevard	Science	3.5	15	–
Lake	Language Arts and Reading, Social Science, Science, Mathematics	–	–	–
Lee	Social Science	–	–	–
Levy	Language Arts and Reading, Social Science, Science, Mathematics	–	–	–
Marion	Social Science	–	–	–
Manatee	Language Arts and Reading, Social Science, Science, Mathematics	3.3	39	–
Okaloosa	Language Arts and Reading, Social Science, Science, Mathematics	–	–	–
Pinellas	Social Science	3.0	65	–
Polk	Social Science, Science	3.5	15	–
Putnam	Science	–	–	–
Santa Rosa	Science	3.0	65	–
Private Colleges/Universities				
Ave Maria University	Language Arts and Reading, Science	–	–	–
Baptist College of Florida	Language Arts and Reading, Social Science, Science, Mathematics	–	–	–
Florida College	Social Science, Science	–	–	–
Jacksonville University	Language Arts and Reading, Social Science, Science, Mathematics	–	–	–
Johnson University Florida	Language Arts and Reading, Social Science, Science, Mathematics	–	–	–
University of Miami	Language Arts and Reading, Mathematics	2.8	78	17
Warner University	Social Science, Science, Mathematics	3.0	65	11
State Colleges				
Northwest Florida State College	Mathematics	3.0	65	11
Polk State College	Language Arts and Reading, Social Science, Science, Mathematics	–	–	–

Institution Type	Subtests With 100% Pass Rate (4 total)	2021 APPR Score	Rank Overall	Rank Among Elementary Programs
South Florida State College	Language Arts and Reading, Science	–	–	–

Looking at performance on each of the subtests, the science subtest has the highest pass rate for first-time test takers, with 67.5% passing the first time, and the social science subtest has the highest overall pass rate, with 81.8% of examinees ultimately passing.

Exhibit 57
Elementary Education Subtests: First Attempt and Best Attempt Pass Rates
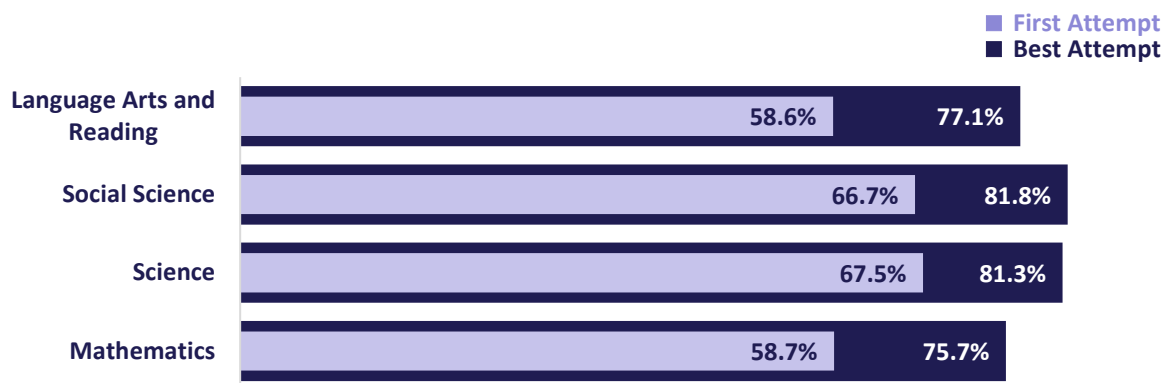
However, as noted above, looking at pass rates without distinguishing between program and non-program examinees may mask important differences. Exhibit 58 shows the results for each subtest comparing these two groups of examinees. As noted above, non-program examinees have considerably lower pass rates than program examinees; the gap is even wider for best attempt pass rates. It would be particularly interesting to identify the number of attempts non-program examinees are making, given that considerable resources are expended on unsuccessful attempts. There may be additional information that could be provided by the Department to help potential examinees who are not enrolled in preparation programs to determine whether they are ready to take the assessment.

Exhibit 58
Elementary Education Subtests: First and Best Attempt Pass Rates for Program and Non-Program Examinees

Language Arts and Reading

■ First Attempt
■ Best Attempt

	First Attempt	Best Attempt
Program Examinees	71.4%	91.8%
Nonprogram Examinees	51.3%	68.8%

Social Science

■ First Attempt
■ Best Attempt

	First Attempt	Best Attempt
Program Examinees	71.6%	92.0%
Nonprogram Examinees	64.0%	76.0%

Science

■ First Attempt
■ Best Attempt

	First Attempt	Best Attempt
Program Examinees	76.9%	92.9%
Nonprogram Examinees	62.3%	74.7%

Mathematics

■ First Attempt
■ Best Attempt

	First Attempt	Best Attempt
Program Examinees	69.1%	89.9%
Nonprogram Examinees	52.8%	67.6%

It is also possible to compare results for program examinees based on different types of preparation programs. Exhibit 59 compares results for each subtest for EPIs, PDCPs, private colleges and universities, state colleges, and state universities.

Exhibit 59
Elementary Education Subtest First Attempt and Best Attempt Pass Rates by Program Type

Language Arts and Reading
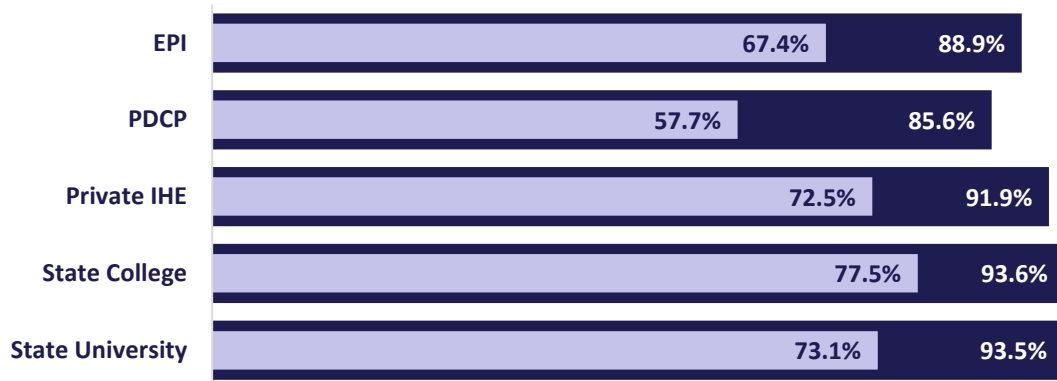
■ First Attempt
■ Best Attempt

Program	First Attempt	Best Attempt
EPI	67.4%	88.9%
PDCP	57.7%	85.6%
Private IHE	72.5%	91.9%
State College	77.5%	93.6%
State University	73.1%	93.5%

Social Science

■ First Attempt
■ Best Attempt

Program	First Attempt	Best Attempt
EPI	83.9%	92.4%
PDCP	76.8%	89.0%
Private IHE	68.0%	91.2%
State College	74.8%	92.0%
State University	66.5%	92.7%

Science

■ First Attempt
■ Best Attempt

	First Attempt	Best Attempt
EPI	82.0%	91.5%
PDCP	74.7%	88.0%
Private IHE	72.6%	92.4%
State College	82.2%	94.0%
State University	75.4%	94.1%

Mathematics

■ First Attempt
■ Best Attempt

	First Attempt	Best Attempt
EPI	73.7%	86.6%
PDCP	64.5%	84.4%
Private IHE	67.5%	89.1%
State College	67.1%	91.5%
State University	69.4%	91.9%

APPENDIX A
PERFORMANCE METRIC TABLE

Performance Metrics	Level 4 Performance Target (4 Points)	Level 3 Performance Target (3 Points)	Level 2 Performance Target (2 Points)	Level 1 Performance Target (1 Point)
Placement Rate (not applicable for PDCP programs per Section 1012.56(8), F.S.)	Placement rate is at or above the 68th percentile of all equivalent programs across the state.	Placement rate is at or above the 34th percentile and below the 68th percentile of all equivalent programs across the state.	Placement rate is at or above the 5th percentile and below the 34th percentile of all equivalent programs across the state.	Placement rate is below the 5th percentile of all equivalent programs across the state.
Retention Rate	The average number of years employed in the 5-year period following initial placement is 4.5 years or more.	The average number of years employed in the 5-year period following initial placement is 3 years to less than 4.5 years.	The average number of years employed in the 5-year period following initial placement is 2 years to less than 3 years.	The average number of years employed in the 5-year period following initial placement is less than 2 years.
Performance of PK–12 students on statewide assessments using results of student learning growth formula per Section 1012.34, F.S.	The probability that the average student learning growth among students taught by program completers exceeds the expectations for those students is ≥ 95%.	The probability that the average student learning growth among students taught by program completers exceeds the expectations for those students is < 5%; AND	Performance of PK–12 students on statewide assessments using results of student learning growth formula per Section 1012.34, F.S.	The probability that the average student learning growth among students taught by program completers exceeds the expectations for those students is ≥ 95%.
Student performance by subgroups data	At least 75% of the subgroups meet or exceed the state standard for performance.	At least 50%, but less than 75% of the subgroups meet or exceed the state standard for performance.	At least 25% but less than 50% of the subgroups meet or exceed the state standard for performance.	Fewer than 25% of the subgroups exceed the state standard for performance.
Results of program completers' annual evaluations as specified in Section 1012.34, F.S.	At least 30% of the program's completers received a highly effective rating and 90 to 100% of the program's completers received either highly effective or effective ratings,	Program did not meet criteria for Level 4, but at least 80% of the program's completers received either highly effective or effective ratings, and no completers were rated unsatisfactory.	Program did not meet criteria for Level 3, but at least 60% of the program's completers received a highly effective or effective rating and no more than 5% (more than one for $n < 20$) of the	Program did not meet criteria for Level 2, 3, or 4.

Performance Metrics	Level 4 Performance Target (4 Points)	Level 3 Performance Target (3 Points)	Level 2 Performance Target (2 Points)	Level 1 Performance Target (1 Point)
	and no completers were rated unsatisfactory.		program's completers were rated unsatisfactory.	
Production of program completers in statewide critical teacher shortage areas, per Rule 6A-20.0131, F.A.C., in accordance with Section 1012.07, F.S.; BONUS ONLY, pursuant to paragraph (1)(h) of this rule.	The critical teacher shortage program increased the number of program completers compared to the year before with a minimum of 2 completers in each year.			

APPENDIX B
PROGRAM AGGREGATIONS

Florida's teacher preparation accountability system is designed to evaluate program-level, rather than institutional-level performance. Although the state aims for program-level accountability, it does combine together data from certain programs to increase the amount of available data. For example, in certain cases graduate and undergraduate programs are combined, discrete science programs such as biology, chemistry, or physics are combined, and discrete world language programs (e.g., French or Spanish) are combined.

The following programs are identified by the Florida Department of Education with the same program code for the purposes of producing the APPR and thus were considered as a single program in the analyses in this report.

Institution	Program Code	Programs
Broward College	288.5	Biology Middle Grades General Science
Chipola College	288.5	Biology Middle Grades General Science
Daytona State College	288.5	Biology Chemistry Earth/Space Science Physics
Florida A&M University	288.5	Biology Chemistry Physics
Florida Atlantic University	288.5	Biology Chemistry Physics
Florida Atlantic University	310.5	French Spanish
Florida Atlantic University	444.5	Elementary Education/ESOL/Reading Elementary Education/ESOL
Florida College	444.5	Elementary Education/ESOL/Reading Elementary Education/ESOL
Florida Institute of Technology	288.5	Biology Chemistry Earth/Space Science

Institution	Program Code	Programs
		Physics
Florida International University	387.5	PK/Primary Ed./ESOL/Reading PK/Primary Education/ESOL
Florida International University	288.5	Biology Chemistry Earth/Space Science Physics
Florida International University	430.5	Exceptional Student Education/ESOL/Reading Exceptional Student Education/ESOL
Florida International University	444.5	Elementary Education/ESOL/Reading AND Elementary Education/ESOL
Florida International University	114.5	Art (MAT) AND Art
Florida Southern College	444.5	Elementary Education/ESOL/Reading AND Elementary Education/ESOL
Florida State University	288.5	Biology (MST) Biology (FSU-Teach) Chemistry (MST) Chemistry (FSU Teach) Earth/Space Science (MST) Earth/Space Science (FSU-Teach) Physics (MST) Physics (FSU-Teach)
Florida State University	430.5	Exceptional Student Education/ESOL/Autism Spectrum Disorders Exceptional Student Education/ESOL
Indian River State College	430.5	Exceptional Student Education/ESOL Exceptional Student Education/ESOL/Reading
Indian River State College	288.5	Biology Middle Grades General Science
Miami Dade College	288.5	Biology Chemistry Physics Earth/Space Science
Rollins College	310.5	French Spanish
Rollins College	288.5	Biology Chemistry Physics
Saint Leo University	430.5	Exceptional Student Education

Institution	Program Code	Programs
		Exceptional Student Education/ESOL/Reading
Saint Leo University	327.5	Middle Grades Social Science Middle Grades Social Science/Reading
St. Petersburg College	288.5	Biology Middle Grades General Science
University of Central Florida	310.5	French Spanish
University of Central Florida	288.5	Biology Chemistry Physics Middle Grades General Science
University of Florida	288.5	Chemistry Biology Physics
University of North Florida	297.5	Hearing Impaired Hearing Impaired/ESOL
University of North Florida	288.5	Biology Chemistry Physics
University of South Florida	444.5	Elementary Education/ESOL (MAT) Elementary Education/ESOL/Reading Elementary Education/ESOL
University of South Florida	288.5	Biology Biology (MAT) Chemistry Chemistry (MAT) Physics Physics (MAT) Middle Grades General Science
University of South Florida	387.5	PK/Primary Ed./ESOL/Reading PK-Primary Education/ESOL
University of South Florida	287.5	Mathematics (MAT) Mathematics
University of South Florida	293.5	Social Science Social Science MAT
University of South Florida	310.5	Chinese/ESOL Chinese/ESOL (MAT) Italian/ESOL Italian/ESOL (MAT) Japanese/ESOL

Institution	Program Code	Programs
		Japanese/ESOL (MAT)
		French/ESOL
		French/ESOL (MAT)
		German/ESOL
		German/ESOL (MAT)
		Latin/ESOL
		Latin/ESOL (MAT)
		Russian/ESOL
		Russian/ESOL (MAT)
		Spanish/ESOL
		Spanish/ESOL (MAT)
University of South Florida	398.5	English/ESOL
		English/ESOL (MAT)
University of South Florida	306.5	Middle Grades Mathematics
		Middle Grades Mathematics (MAT)
University of West Florida	288.5	Biology
		Chemistry
		Physics
		Earth/Space Science

APPENDIX C
APPR SUMMARY TABLE ALL PROGRAMS

The color scheme alternates by rank. Programs with the same rank are grouped by color.

Rank	Institution/Program	Undergrad. (U)/Graduate (G)	Summative Rating Score[a]	Placement Score[b]	Retention Score[c]	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
1	Flagler College Elementary Education/ESE/ESOL/Reading	U	3.8	4	3	4	4	4	-	220
1	Florida Atlantic University Elementary Education/ESOL/Reading	U/G	3.8	4	3	4	4	4	-	1090
1	Florida Southwestern State College Elementary Education/ESOL/Reading	U	3.8	4	4	3	4	4	-	380
1	University of South Florida Middle Grades Mathematics	G	3.8	4	4	3	4	4	-	74
1	University of North Florida Middle Grades Math/Middle Grades General Science	U	3.8	-	4	3	4	4	-	29
6	University of South Florida English/ESOL	U	3.7	3	4	3	4	4	✓	273
7	Barry University Reading	U	3.6	4	4	3	3	4	-	121
7	Florida Atlantic University English/ESOL	U/G	3.6	4	3	3	4	4	-	84
7	Florida Atlantic University Mathematics	U	3.6	3	4	3	4	4	-	24
7	Florida International University Reading	U	3.6	3	4	3	4	4	-	143
7	Gulf Coast State College Educator Preparation Institute	G	3.6	4	3	3	4	4	-	130
7	Pasco Hernando State College Educator Preparation Institute	G	3.6	4	3	3	4	4	-	257
7	State College of Florida, Manatee-Sarasota Educator Preparation Institute	G	3.6	4	3	3	4	4	-	199
7	Valencia College Educator Preparation Institute	G	3.6	4	3	3	4	4	-	476
15	University of North Florida Mathematics	U	3.5	3	4	3	3	4	4	35

Rank	Institution/Program	Undergrad. (U)/Graduate (G)	Summative Rating Score[a]	Placement Score[b]	Retention Score[c]	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
15	University of South Florida Elementary Education/ESE/ESOL/Reading	U	3.5	3	4	3	3	4	✓	380
15	Alachua County Professional Development Certification Program	G	3.5	-	3	3	4	4	-	53
15	Brevard County Professional Development Certification Program	G	3.5	-	3	3	4	4	-	145
15	Duval County Professional Development Certification Program	G	3.5	-	3	3	4	4	-	277
15	Escambia County Professional Development Certification Program	G	3.5	-	3	3	4	4	-	211
	Florida Memorial University Elementary Education/ESOL	U	3.5	-	3	3	4	4	-	17
15	Hillsborough County Professional Development Certification Program	G	3.5	-	3	3	4	4	-	706
15	Miami-Dade County Professional Development Certification Program	G	3.5	-	3	3	4	4	-	260
15	Northwest Florida State College Middle Grades Mathematics	U	3.5	-	3	3	4	4	-	12
15	Pasco County Professional Development Certification Program	G	3.5	-	3	3	4	4	-	257
15	Polk County Professional Development Certification Program	G	3.5	-	4	3	3	4	-	244
27	Broward College Middle Grades Mathematics	U	3.4	4	3	3	3	4	-	23
27	Florida Gulf Coast University Mathematics	U	3.4	2	-	3	4	4	✓	28
27	Indian River State College Middle Grades Mathematics	U	3.4	3	4	3	3	4	-	52
27	Saint Leo University Elementary Education/ESOL/Reading	G	3.4	3	4	3	3	4	-	422
27	Saint Leo University Reading	G	3.4	4	4	3	4	2	-	152
27	Santa Fe College Educator Preparation Institute	G	3.4	4	4	3	2	4	-	95
27	St. Johns River State College Educator Preparation Institute	G	3.4	4	3	3	3	4	-	234
27	St. Petersburg College Educator Preparation Institute	G	3.4	4	3	3	3	4	-	119
27	University of Central Florida English/ESOL	U/G	3.4	3	3	3	4	4	-	260

Rank	Institution/Program	Undergrad. (U)/Graduate (G)	Summative Rating Score[a]	Placement Score[b]	Retention Score[c]	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
27	University of Florida Elementary Education/ESOL/Reading	G	3.4	4	3	3	3	4	-	373
27	University of West Florida Elementary Education/ESOL/Reading	U	3.4	4	3	3	3	4	-	101
27	University of South Florida Mathematics	G	3.4	3	4	3	4	2	✓	112
39	Broward County Professional Development Certification Program	G	3.3	-	4	3	2	4	-	141
39	Manatee County Professional Development Certification Program	G	3.3	-	4	3	2	4	-	462
39	Bay County Professional Development Certification Program	G	3.3	-	3	3	3	4	-	143
39	University of Tampa English/ESOL	U	3.3	3	-	3	3	4	-	18
43	Broward College Educator Preparation Institute	G	3.2	3	3	3	3	4	-	41
43	Daytona State College Educator Preparation Institute	G	3.2	4	4	3	1	4	-	113
43	Florida Atlantic University Reading	U	3.2	2	4	3	3	4	-	142
43	Florida Gateway College Educator Preparation Institute	G	3.2	4	3	3	2	4	-	51
43	Florida Gulf Coast University Educator Preparation Institute	G	3.2	4	3	3	2	4	-	652
43	Florida Gulf Coast University Elementary Education/ESOL/Reading	U	3.2	3	4	3	2	4	-	229
43	Florida International University Elementary Education/ESOL/Reading and Elementary Education/ESOL	U	3.2	2	3	3	4	4	-	473
43	Florida State University English/ESOL	U/G	3.2	2	3	3	4	4	-	23
43	Florida State University Mathematics (FSU-Teach)	U/G	3.2	4	3	3	1	4	✓	124
43	Hillsborough College Educator Preparation Institute	G	3.2	4	3	3	4	2	-	270
43	Indian River State College Educator Preparation Institute	G	3.2	3	3	3	3	4	-	127
43	Miami Dade College Educator Preparation Institute	G	3.2	4	3	3	2	4	-	664
43	Palm Beach State College	G	3.2	3	3	3	3	4	-	102

Rank	Institution/Program	Undergrad. (U)/Graduate (G)	Summative Rating Score[a]	Placement Score[b]	Retention Score[c]	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
	Educator Preparation Institute									
43	Polk State College Educator Preparation Institute	G	3.2	4	3	3	4	2	-	71
43	Saint Leo University Middle Grades English/ESOL/Reading	G	3.2	3	4	3	3	3	-	139
43	Seminole State College Educator Preparation Institute	G	3.2	4	3	3	2	4	-	83
43	Southeastern University English/ESOL	U	3.2	4	4	3	1	4	-	373
43	St. Petersburg College Elementary Education/ ESOL/Reading	U	3.2	4	3	3	2	4	-	32
43	University of Central Florida Reading	U	3.2	3	3	3	3	4	-	67
43	University of Florida Educator Preparation Institute	G	3.2	4	3	3	2	4	-	449
43	University of North Florida English/ESOL	U/G	3.2	4	3	3	1	4	✓	162
43	University of South Florida Reading	G	3.2	2	3	3	4	4	-	154
65	Flagler College Elementary Education/Hearing Impaired/ESOL/Reading	U	3.0	3	3	3	1	4	✓	51
65	Barry University Elementary Education/ESOL/Reading	G	3.0	2	3	3	3	4	-	29
65	Florida A&M University Elementary Education/ESOL/Reading	U	3.0	1	3	3	4	4	-	98
65	Northwest Florida State College Elementary Education/ESOL/ Reading	U	3.0	3	4	3	1	4	-	143
65	Nova Southeastern University Mathematics	G	3.0	1	4	3	3	4	-	16
65	Nova Southeastern University Reading	U/G	3.0	3	4	3	1	4	-	33
65	Palm Beach County Professional Development Certification Program	G	3.0	-	3	3	2	4	-	383
65	Pinellas County Professional Development Certification Program	G	3.0	-	3	3	2	4	-	198
65	Santa Rosa County Professional Development Certification Program	G	3.0	-	3	3	2	4	-	57
65	Southeastern University Mathematics	U	3.0	1	-	3	4	4	-	8

Rank	Institution/Program	Undergrad. (U)/Graduate (G)	Summative Rating Score[a]	Placement Score[b]	Retention Score[c]	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
65	Stetson University Elementary Education/ESOL	U	3.0	-	94	3	4	3	-	94
65	University of Florida English/ESOL	U/G	3.0	1	59	2	3	3	-	59
65	Warner University Elementary Education/ESOL	U	3.0	-	36	-	3	3	-	36
78	Flagler College Elementary Education/ESOL/Reading	U	2.8	2	3	3	2	4	-	184
78	Florida International University English/ESOL	U	2.8	2	-	3	1	4	✓	36
78	Florida Southern College Elementary Education/ESOL/Reading	U	2.8	4	4	1	1	4	-	211
78	Florida State University Elementary Education/ESOL/Reading	U/G	2.8	2	3	3	2	4	-	466
78	University of Central Florida Mathematics	G	2.8	3	3	3	1	4	-	171
78	University of Miami Elementary Education/ESE/ESOL/Reading	U/G	2.8	1	3	3	3	4	-	81
78	University of West Florida Elementary Education/ESE/ESOL/Reading	U	2.8	3	3	3	3	2	-	329
78	Orange County Professional Development Certification Program	G	2.8	-	3	3	1	4	-	811
78	South Florida State College Elementary Education/ESOL/Reading	U	2.8	4	-	3	1	3	-	36
78	University of Florida Elementary Education/ESE/ESOL/Reading	G	2.8	3	-	3	1	4	-	139
88	Daytona State College Elementary Education/ESOL/Reading	U	2.6	4	4	1	1	3	-	246
88	Rollins College Elementary Education/ESOL	U	2.6	1	2	3	3	4	-	75
88	Southeastern University Elementary Education/ESOL/Reading	U	2.6	1	3	3	2	4	-	121
88	University of Central Florida Elementary Education/ESOL/Reading	U/G	2.6	3	3	1	2	4	-	2320
88	University of West Florida Reading	U	2.6	1	4	3	3	2	-	64
93	Chipola College English Education/ESOL	U	2.5	-	4	3	1	2	-	20
93	Indian River State College Elementary Education/ESOL/Reading	U	2.5	4	-	1	1	4	4	84

Rank	Institution/Program	Undergrad. (U)/Graduate (G)	Summative Rating Score[a]	Placement Score[b]	Retention Score[c]	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
93	Southeastern University Exceptional Student Ed/ Elementary Ed/ESOL/Reading/ Autism Spectrum Disorders	U	2.5	2		3	1	4	2	23
96	Chipola College Elementary Education/ESOL/Reading	U	2.4	3	4	1	1	3	-	94
96	Lynn University Elementary Education/ESOL/Reading	U	2.4	1	2	3	4	2	-	21
96	Palm Beach Atlantic University Elementary Education/ESOL	U	2.4	1	2	3	2	4	-	99
96	University of North Florida Elementary Education/ESOL	U/G	2.4	3	3	1	1	4	-	570
96	University of West Florida Educator Preparation Institute	G	2.4	2	3	1	2	4	-	2295
101	Florida International University Mathematics	U	2.3	2	-	3	1	3	-	14
101	University of Tampa Elementary Education/ESOL/ Reading	U	2.3	1	-	3	1	4	-	78
103	Miami Dade College Mathematics	U	2.2	1	3	3	1	3	-	39
103	St. Petersburg College Middle Grades Mathematics	U	2.2	4	2	1	1	3	-	30
103	University of South Florida Elementary Education/ESOL	U/G	2.2	3	3	1	2	2	-	1322

APPENDIX D
INSTITUTIONAL SUMMARIES

Rank	Institution/Program	Summative Rating Score[a]	Placement Score[b]	Retention Score[c]	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
	Alachua County								
15	Professional Development Certification Program	3.5	-	3	3	4	4	-	53
	Barry University							-	
65	Reading	3.6	4	4	3	3	4	-	121
7	Elementary Education/ESOL/Reading	3.0	2	3	3	3	4	-	29
	Bay County							-	
39	Professional Development Certification Program	3.3	-	4	3	2	4	-	141
	Brevard County							-	
15	Professional Development Certification Program	3.5	-	3	3	4	4	-	145
	Broward Collage							-	
43	Middle Grades Mathematics	3.4	4	3	3	3	4	-	23
27	Educator Preparation Institute	3.2	3	3	3	3	4	-	270
39	Professional Development Certification Program	3.3	-	4	3	2	4	-	462
	Chipola College							-	
96	English Education/ESOL	2.5	-	4	3	1	2	-	20
93	Elementary Education/ESOL/Reading	2.4	3	4	1	1	3	-	94
	Daytona State College							-	
43	Educator Preparation Institute	3.2	4	4	3	1	4	-	71
88	Elementary Education/ESOL/Reading	2.6	4	4	1	1	3	-	246
	Duval County							-	
15	Professional Development Certification Program	3.5	-	3	3	4	4	-	277
	Escambia County							-	
15	Professional Development Certification Program	3.5	-	3	3	4	4	-	211
	Flagler College							-	

Rank	Institution/Program	Summative Rating Score[a]	Placement Score[b]	Retention Score[c]	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
1	Elementary Education/ESE/ESOL/Reading	3.8	4	3	4	4	4	-	220
65	Elementary Education/Hearing Impaired/ESOL/Reading	3.0	3	3	3	1	4	✓	51
78	Elementary Education/ESOL/Reading	2.8	2	3	3	2	4	-	184
	Florida A&M University								
65	Elementary Education/ESOL/Reading	3.0	1	3	3	4	4	-	98
	Florida Atlantic University								
1	Elementary Education/ESOL/Reading and Elementary Education/ESOL	3.8	4	3	4	4	4	-	1,090
7	English/ESOL	3.6	4	3	3	4	4	-	84
7	Mathematics	3.6	3	4	3	4	4	-	24
43	Reading	3.2	2	4	3	3	4	-	41
	Florida Gateway College								
43	Educator Preparation Institute	3.2	4	3	3	2	4	-	102
	Florida Gulf Coast University								
43	Mathematics	3.4	2	-	3	4	4	✓	28
43	Educator Preparation Institute	3.2	4	3	3	2	4	-	83
27	Elementary Education/ESOL/Reading	3.2	3	4	3	2	4	-	449
	Florida International University								
43	Reading	3.6	3	4	3	4	4	-	143
7	Elementary Education/ESOL/Reading and Elementary Education/ESOL	3.2	2	3	3	4	4	-	664
101	English/ESOL	2.8	2	-	3	1	4	✓	36
78	Mathematics	2.3	2	-	3	1	3	-	14
	Florida Memorial University								
15	Elementary Education/ESOL	3.5	-	3	3	4	4	-	17
	Florida Southern College								
78	Elementary Education/ESOL/Reading and Elementary Education/ESOL	2.8	4	4	1	1	4	-	211
	Florida Southwestern State College								
1	Elementary Education/ESOL/Reading	3.8	4	4	3	4	4	-	380

Rank	Institution/Program	Summative Rating Score[a]	Placement Score[b]	Retention Score[c]	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
	Florida State University								
78	English/ESOL	3.2	2	3	3	4	4	-	127
43	Mathematics (FSU-Teach)	3.2	4	3	3	1	4	✓	51
43	Elementary Education/ESOL/Reading	2.8	2	3	3	2	4	-	466
	Gulf Coast State College								
7	Educator Preparation Institute	3.6	4	3	3	4	4	-	130
	Hillsborough College								
43	Educator Preparation Institute	3.2	4	3	3	4	2	-	652
15	Professional Development Certification Program	3.5	-	3	3	4	4	-	706
	Indian River State College								
43	Middle Grades Mathematics	3.4	3	4	3	3	4	-	52
93	Educator Preparation Institute	3.2	3	3	3	3	4	-	113
27	Elementary Education/ESOL/Reading	2.5	4	-	1	1	4	-	84
	Lynn University								
96	Elementary Education/ESOL/Reading	2.4	1	2	3	4	2	-	21
	Manatee County								
39	Professional Development Certification Program	3.3	-	3	3	3	4	-	143
	Miami Dade College								
43	Educator Preparation Institute	3.2	4	3	3	2	4	-	139
103	Mathematics	2.2	1	3	3	1	3	-	39
	Miami-Dade County								
15	Professional Development Certification Program	3.5	-	3	3	4	4	-	260
	Northwest Florida State College								
65	Middle Grades Mathematics	3.5	-	3	3	4	4	-	12
15	Elementary Education/ESOL/Reading	3.0	3	4	3	1	4	-	143
	Nova Southeastern University								
65	Mathematics	3.0	1	4	3	3	4	-	16
65	Reading	3.0	3	4	3	1	4	-	33
	Orange County								

Rank	Institution/Program	Summative Rating Score[a]	Placement Score[b]	Retention Score[c]	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
78	Professional Development Certification Program	2.8	-	3	3	1	4	-	811
	Palm Beach Atlantic University								
96	Elementary Education/ESOL	2.4	1	2	3	2	4	-	99
	Palm Beach County								
65	Professional Development Certification Program	3.0	-	3	3	2	4	-	383
	Palm Beach State College								
43	Educator Preparation Institute	3.2	3	3	3	3	4	-	229
	Pasco County								
15	Professional Development Certification Program	3.5	-	3	3	4	4	-	257
	Pasco Hernando State College								
7	Educator Preparation Institute	3.6	4	3	3	4	4	-	257
	Pinellas County								
65	Professional Development Certification Program	3.0	-	3	3	2	4	-	198
	Polk County								
15	Professional Development Certification Program	3.5	-	4	3	3	4	-	244
	Polk State College								
43	Educator Preparation Institute	3.2	4	3	3	4	2	-	473
	Rollins College								
88	Elementary Education/ESOL	2.6	1	2	3	3	4		75
	Saint Leo University								
27	Elementary Education/ESOL/Reading	3.4	3	4	3	3	4	-	422
27	Reading	3.4	4	4	3	4	2	-	152
43	Middle Grades English/ESOL/Reading	3.2	3	4	3	3	3	-	32
	Santa Fe College								
27	Educator Preparation Institute	3.4	4	4	3	2	4	-	95
	Santa Rosa County								
65	Professional Development Certification Program	3.0	-	3	3	2	4	-	57
	Seminole State College								
43	Educator Preparation Institute	3.2	4	3	3	2	4	-	162

Rank	Institution/Program	Summative Rating Score[a]	Placement Score[b]	Retention Score[c]	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
	South Florida State College								
78	Elementary Education/ESOL/Reading	2.8	4	-	3	1	3	-	36
	Southeastern University								
88	English/ESOL	3.2	4	4	3	1	4	-	23
43	Mathematics	3.0	1	-	3	4	4	-	8
93	Elementary Education/ESOL/Reading	2.6	1	3	3	2	4	-	121
65	Exceptional Student Ed/Elementary Ed/ESOL/Reading/Autism Spectrum Disorders	2.5	2	-	3	1	4	-	23
	St. Johns River State College								
27	Educator Preparation Institute	3.4	4	3	3	3	4	-	234
	St. Petersburg College								
27	Educator Preparation Institute	3.4	4	3	3	3	4	-	119
43	Elementary Education/ESOL/Reading	3.2	4	3	3	2	4	-	373
103	Middle Grades Mathematics	2.2	4	2	1	1	3	-	30
	State College Florida, Manatee-Sarasota								
7	Educator Preparation Institute	3.6	4	3	3	4	4	-	199
	Stetson University								
65	Elementary Education/ESOL	3.0	3	4	3	1	4	-	94
	University of Central Florida								
88	English/ESOL	3.4	3	3	3	4	4	-	260
27	Reading	3.2	3	3	3	3	4	-	124
78	Mathematics	2.8	3	3	3	1	4	-	171
43	Elementary Education/ESOL/Reading	2.6	3	3	1	2	4	-	2,320
	University of Florida								
43	Elementary Education/ESOL/Reading	3.4	4	3	3	3	4	-	373
27	Educator Preparation Institute	3.2	4	3	3	2	4	-	142
78	English/ESOL	3.0	2	3	3	3	4	-	59
65	Elementary Education/ESE/ESOL/Reading	2.8	3	-	3	1	4	-	139
	University of Miami								

Rank	Institution/Program	Summative Rating Score[a]	Placement Score[b]	Retention Score[c]	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
78	Elementary Education/ESE/ESOL/Reading	2.8	1	3	3	3	4	-	81
	University of North Florida								
96	Middle Grades Math/ Middle Grades General Science	3.8	-	4	3	4	4	-	29
43	Mathematics	3.5	3	4	3	3	4	✓	35
1	English/ESOL	3.2	4	3	3	1	4	✓	67
15	Elementary Education/ESOL	2.4	3	3	1	1	4	-	570
	University of South Florida								
103	Middle Grades Mathematics	3.8	4	4	3	4	4	-	74
6	English/ESOL	3.7	3	4	3	4	4	✓	273
1	Elementary Education/ESE/ESOL/Reading	3.5	3	4	3	3	4	✓	380
27	Mathematics (MAT)	3.4	3	4	3	4	2	✓	112
43	Reading	3.2	2	3	3	4	4	-	154
103	Elementary Education/ESOL	2.2	3	3	1	2	2	-	1,322
	University of Tampa								
101	English/ESOL	3.3	3	-	3	3	4	-	18
39	Elementary Education/ESOL/Reading	2.3	1	-	3	1	4	-	78
	University of West Florida								
96	Elementary Education/ESOL/Reading	3.4	4	3	3	3	4	-	101
27	Elementary Education/ESE/ESOL/Reading	2.8	3	3	3	3	2	-	329
78	Reading	2.6	1	4	3	3	2	-	64
88	Educator Preparation Institute	2.4	2	3	1	2	4	-	2,295
	Valencia College								
7	Educator Preparation Institute	3.6	4	3	3	4	4	-	476
	Warner University								
65	Elementary Education/ESOL	3.0	-	3	3	2	4	-	36

[a]34 blanks. [b]32blanks. [c]140 blanks.

APPENDIX E
APPR SUMMARY ELEMENTARY EDUCATION PROGRAMS

The color scheme alternates by rank. Programs with the same rank are grouped by color.

Rank	Institution/Program	Undergrad. (U)/Graduate (G)	Summative Rating Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Bonus Score	Completers
1	Flagler College Elementary Education/ESE/ESOL/Reading	U	3.8	4	3	4	4	4	-	220
1	Florida Atlantic University Elementary Education/ESOL/Reading	U/G	3.8	4	3	4	4	4	-	1090
1	Florida Southwestern State College Elementary Education/ESOL/Reading	U	3.8	4	4	3	4	4	-	380
4	University of South Florida Elementary Education/ESE/ESOL/Reading	U	3.5	3	4	3	3	4	-	380
4	Florida Memorial University Elementary Education/ESOL	U	3.5	-	3	3	4	4	-	17
6	Saint Leo University Elementary Education/ESOL/Reading	G	3.4	3	4	3	3	4	-	422
6	University of Florida Elementary Education/ESOL/Reading	G	3.4	4	3	3	3	4	-	373
6	University of West Florida Elementary Education/ESOL/Reading	U	3.4	4	3	3	3	4	-	101
9	Florida Gulf Coast University Elementary Education/ESOL/Reading	U	3.2	3	4	3	2	4	-	449
9	Florida International University	U	3.2	2	3	3	4	4	-	664

Rank	Institution/Program	Undergrad. (U)/Graduate (G)	Summative Rating Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Bonus Score	Completers
	Elementary Education/ESOL/ Reading									
9	St. Petersburg College Elementary Education/ESOL/ Reading	U	3.2	4	3	3	2	4	-	373
12	Flagler College Elementary Education/Hearing Impaired/ESOL/Reading	U	3.0	3	3	3	1	4	✓	51
12	Barry University Elementary Education/ESOL/ Reading	G	3.0	2	3	3	3	4	-	29
12	Florida A&M University Elementary Education/ESOL/ Reading	U	3.0	1	3	3	4	4	-	98
12	Northwest Florida State College Elementary Education/ ESOL/Reading	U	3.0	3	4	3	1	4	-	143
12	Stetson University Elementary Education/ESOL	U	3.0	3	4	3	1	4	-	94
12	Warner University Elementary Education/ESOL	U	3.0	-	3	3	2	4	-	36
18	Flagler College Elementary Education/ESOL/ Reading	U	2.8	2	3	3	2	4	-	184
18	Florida Southern College Elementary Education/ESOL/ Reading	U	2.8	4	4	1	1	4	-	211
18	Florida State University Elementary Education/ESOL/ Reading	U/G	2.8	2	3	3	2	4	-	466
18	University of Miami Elementary Education/ESE/ ESOL/Reading	U/G	2.8	1	3	3	3	4	-	81
18	University of West Florida Elementary Education/ESE/ ESOL/Reading	U	2.8	3	3	3	3	2	-	329
18	South Florida State College	U	2.8	4	-	3	1	3	-	36

Rank	Institution/Program	Undergrad. (U)/Graduate (G)	Summative Rating Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Bonus Score	Completers
	Elementary Education/ESOL/Reading									
18	University of Florida Elementary Education/ESE/ESOL/Reading	G	2.8	3	-	3	1	4	-	139
25	Daytona State College Elementary Education/ESOL/Reading	U	2.6	4	4	1	1	3	-	246
25	Rollins College Elementary Education/ESOL	U	2.6	1	2	3	3	4	-	75
25	Southeastern University Elementary Education/ESOL/Reading	U	2.6	1	3	3	2	4	-	121
25	University of Central Florida Elementary Education/ESOL/Reading	U/G	2.6	3	3	1	2	4	-	2320
29	Indian River State College Elementary Education/ESOL/Reading	U	2.5	4	-	1	1	4	-	84
30	Chipola College Elementary Education/ESOL/Reading	U	2.4	3	4	1	1	3	-	94
30	Lynn University Elementary Education/ESOL/Reading	U	2.4	1	2	3	4	2	-	21
30	Palm Beach Atlantic University Elementary Education/ESOL	U	2.4	1	2	3	2	4	-	99
30	University of North Florida Elementary Education/ESOL	U/G	2.4	3	3	1	1	4	-	570
34	University of Tampa Elementary Education/ESOL/Reading	U	2.3	1	-	3	1	4	-	78
35	University of South Florida Elementary Education/ESOL	U	2.2	3	3	1	2	2	-	1322

APPENDIX F
APPR SUMMARY ENGLISH AND READING PROGRAMS

The color scheme alternates by rank. Programs with the same rank are grouped by color.

Rank	Institution/Program	Undergrad. (U)/ Graduate (G)	Summative Rating Score	Placement Score[a]	Retention Score[b]	Student Achievement Score[c]	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
1	University of South Florida English/ESOL	U	3.7	3	4	3	4	4	✓	273
2	Barry University Reading	U	3.6	4	4	3	3	4	-	121
2	Florida Atlantic University English/ESOL	U/G	3.6	4	3	3	4	4	-	84
2	Florida International University Reading	U	3.6	3	4	3	4	4	-	143
5	University of Central Florida English/ESOL	U/G	3.4	3	3	3	4	4	-	260
5	Saint Leo University Reading	G	3.4	4	4	3	4	2	-	152
7	University of Tampa English/ESOL	U	3.3	3	-	3	3	4	-	18
8	Florida Atlantic University Reading	U	3.2	2	4	3	3	4	-	41
8	Florida State University English/ESOL	U	3.2	2	3	3	4	4	-	127
8	Saint Leo University Middle Grades English/ESOL/Reading	G	3.2	3	4	3	3	3	-	32
8	Southeastern University English/ESOL	U	3.2	4	4	3	1	4	-	23
8	University of Central Florida Reading	U	3.2	3	3	3	3	4	-	124

Rank	Institution/Program	Undergrad. (U)/ Graduate (G)	Summative Rating Score	Placement Score[a]	Retention Score[b]	Student Achievement Score[c]	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
8	University of North Florida English/ESOL	U/G	3.2	4	3	3	1	4	✓	67
8	University of South Florida Reading	U	3.2	2	3	3	4	4	-	154
15	University of Florida English/ESOL	U/G	3.0	2	3	3	3	4	-	59
15	Nova Southeastern University Reading	U/G	3.0	3	4	3	1	4	-	33
17	Florida International University English/ESOL	U	2.8	2	-	3	1	4	✓	36
18	University of West Florida Reading	U	2.6	1	4	3	3	2	-	64
19	Chipola College English Education/ESOL	U	2.5	-	4	3	1	2	-	20

[a]34 blanks. [b]32blanks. [c]140 blanks.

APPENDIX G
APPR SUMMARY TABLE MATHEMATICS PROGRAMS

The color scheme alternates by rank. Programs with the same rank are grouped by color.

Rank	Institution/Program	Undergrad. (U)/ Graduate (G)	Summative Rating Score	Placement Score[a]	Retention Score[b]	Student Achievement Score[c]	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
1	University of South Florida Middle Grades Mathematics	G	3.8	4	4	3	4	4	-	74
1	University of North Florida Middle Grades Math/Middle Grades General Science	U	3.8	-	4	3	4	4	-	29
3	Florida Atlantic University Mathematics	U	3.6	3	4	3	4	4	-	24
4	University of North Florida Mathematics	U	3.5	3	4	3	3	4	✓	35
4	Northwest Florida State College Middle Grades Mathematics	U	3.5	-	3	3	4	4	-	12
6	Broward College Middle Grades Mathematics	U	3.4	4	3	3	3	4	-	23
6	Florida Gulf Coast University Mathematics	U	3.4	2	-	3	4	4	✓	28
6	Indian River State College Middle Grades Mathematics	U	3.4	3	4	3	3	4	-	52
6	University of South Florida Mathematics	G	3.4	3	4	3	4	2	✓	112
10	Florida State University Mathematics (FSU-Teach)	U/G	3.2	4	3	3	1	4	✓	51
11	Nova Southeastern University Mathematics	G	3.0	1	4	3	3	4	-	16
11	Southeastern University Mathematics	U	3.0	1	-	3	4	4	-	8

Rank	Institution/Program	Undergrad. (U)/ Graduate (G)	Summative Rating Score	Placement Score[a]	Retention Score[b]	Student Achievement Score[c]	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
13	University of Central Florida Mathematics	G	2.8	3	3	3	1	4	-	171
14	Florida International University Mathematics	U	2.3	2	-	3	1	3	-	14
15	Miami Dade College Mathematics	U	2.2	1	3	3	1	3	-	39
15	St. Petersburg College Middle Grades Mathematics	U	2.2	4	2	1	1	3	-	30

[a]34 blanks. [b]32blanks. [c]140 blanks.

APPENDIX H
FLORIDA TEACHER CERTIFICATION EXAMINATIONS

BIOLOGY 6–12	First Attempt					Best Attempt			
EPI	Examinees	No. Pass	Pass Rate	Mean Score		Examinees	No. Pass	Pass Rate	Mean Score
Broward College	7	7	100.0%	225.9		7	7	100.0%	225.9
Daytona State College	5	3	60.0%	202.0		5	4	80.0%	207.0
Eastern Florida State College	1	0	0.0%	159.0		1	0	0.0%	159.0
Florida Gateway College	1	1	100.0%	247.0		2	2	100.0%	223.5
Florida Gulf Coast University	7	6	85.7%	223.3		7	7	100.0%	224.4
Florida State College at Jacksonville	1	1	100.0%	236.0		1	1	100.0%	236.0
Florida Teachers of Tomorrow	9	5	55.6%	205.9		10	7	70.0%	206.6
Hillsborough Community College	11	6	54.5%	197.9		12	9	75.0%	206.8
Indian River State College	8	6	75.0%	215.6		8	7	87.5%	218.5
Miami Dade College	2	1	50.0%	203.0		2	2	100.0%	213.0
Palm Beach State College	11	9	81.8%	211.9		11	9	81.8%	211.9
Pasco Hernando State College	6	5	83.3%	216.5		6	6	100.0%	218.0
Polk State College	7	6	85.7%	217.9		9	7	77.8%	213.2
Santa Fe College	2	2	100.0%	237.0		2	2	100.0%	237.0
Seminole State College	12	9	75.0%	212.8		13	11	84.6%	215.3
St. Johns River State College	11	7	63.6%	206.8		12	11	91.7%	213.7
St. Petersburg College	2	2	100.0%	235.5		2	2	100.0%	235.5
State College of Florida, Manatee-Sarasota	9	7	77.8%	212.9		9	7	77.8%	212.9
University of Florida	5	5	100.0%	225.2		5	5	100.0%	225.2
University of West Florida	59	52	88.1%	226.2		60	57	95.0%	227.7
Valencia College	22	18	81.8%	212.4		23	19	82.6%	213.2
EPI TOTAL	**198**	**158**	**79.8%**	**216.9**		**207**	**182**	**87.9%**	**218.5**

BIOLOGY 6–12	First Attempt				Best Attempt			
PDCP	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Alachua	1	1	100.0%	233.0	1	1	100.0%	233.0
Bay	8	7	87.5%	218.6	8	8	100.0%	221.4
Bradford	1	1	100.0%	211.0	1	1	100.0%	211.0
Brevard	5	3	60.0%	208.0	5	3	60.0%	208.0
Broward	16	14	87.5%	209.1	19	16	84.2%	207.3
Collier	4	3	75.0%	212.8	4	4	100.0%	216.0
Duval	15	11	73.3%	210.9	16	14	87.5%	214.2
Escambia	4	3	75.0%	207.8	4	3	75.0%	207.8
Gadsden	1	1	100.0%	200.0	1	1	100.0%	200.0
Gilchrist	1	1	100.0%	233.0	1	1	100.0%	233.0
Hillsborough	17	14	82.4%	211.0	17	17	100.0%	214.4
Indian River	7	5	71.4%	209.6	7	5	71.4%	210.1
Lake	3	3	100.0%	222.7	3	3	100.0%	222.7
Lee	1	1	100.0%	214.0	1	1	100.0%	214.0
Levy	1	1	100.0%	224.0	1	1	100.0%	224.0
Manatee	5	4	80.0%	222.4	5	5	100.0%	226.4
Marion	1	1	100.0%	217.0	1	1	100.0%	217.0
Miami-Dade	17	12	70.6%	209.5	17	15	88.2%	214.2
Okaloosa	1	1	100.0%	200.0	1	1	100.0%	200.0
Orange	40	36	90.0%	221.2	43	39	90.7%	219.6
Palm Beach	15	13	86.7%	211.5	16	15	93.8%	213.8
Pasco	22	19	86.4%	218.7	24	22	91.7%	218.3
Pinellas	10	10	100.0%	229.3	10	10	100.0%	229.3
Polk	7	6	85.7%	219.4	7	7	100.0%	220.0
Santa Rosa	1	1	100.0%	223.0	1	1	100.0%	223.0
Sumter	2	2	100.0%	208.0	2	2	100.0%	208.0
PDCP Total	**206**	**174**	**84.5%**	**215.6**	**216**	**197**	**91.2%**	**216.4**

BIOLOGY 6–12	First Attempt				Best Attempt			
Private IHE	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Florida Institute of Technology	2	2	100.0%	218.0	2	2	100.0%	218.0
Southeastern University	1	0	0.0%	173.0	2	1	50.0%	192.5
University of Tampa	4	4	100.0%	219.0	5	5	100.0%	218.0
Private IHE Total	**7**	**6**	**85.7%**	**212.1**	**9**	**8**	**88.9%**	**212.3**

BIOLOGY 6–12	First Attempt				Best Attempt			
State College	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Broward College	8	7	87.5%	219.5	9	9	100.0%	221.7
Daytona State College	5	5	100.0%	218.8	5	5	100.0%	218.8
Indian River State College	5	4	80.0%	214.8	5	5	100.0%	215.8
Miami Dade College	7	5	71.4%	205.0	8	6	75.0%	196.0
St. Petersburg College	5	5	100.0%	220.2	5	5	100.0%	220.2
State College Total	**30**	**26**	**86.7%**	**215.3**	**32**	**30**	**93.8%**	**213.7**

BIOLOGY 6–12	First Attempt				Best Attempt			
State University	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Florida A&M University	1	1	100.0%	200.0	1	1	100.0%	200.0
Florida Atlantic University	6	5	83.3%	218.5	8	7	87.5%	216.5
Florida Gulf Coast University	5	3	60.0%	206.6	7	6	85.7%	209.3
Florida International University	28	20	71.4%	208.2	29	28	96.6%	212.8
Florida State University	16	15	93.8%	222.1	16	15	93.8%	222.1
University of Central Florida	23	20	87.0%	215.0	24	24	100.0%	218.4
University of Florida	2	2	100.0%	228.0	3	3	100.0%	232.7
University of North Florida	10	8	80.0%	211.0	10	8	80.0%	211.3
University of South Florida	20	16	80.0%	213.6	22	20	90.9%	217.3
University of West Florida	1	1	100.0%	206.0	1	1	100.0%	206.0
State University Total	**112**	**91**	**81.3%**	**213.5**	**121**	**113**	**93.4%**	**216.2**

BIOLOGY 6–12	First Attempt				Best Attempt			
Statewide	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Program Total	553	455	82.3%	215.6	585	530	90.6%	216.9
Non-Program Total	1,128	732	64.9%	206.0	1,250	900	72.0%	207.9
Grand Total	**1,681**	**1,187**	**70.6%**	**209.2**	**1,835**	**1,430**	**77.9%**	**210.8**

ELEMENTARY ED K–6 SUBTEST 1: LANGUAGE ARTS AND READING	First Attempt				Best Attempt			
EPI	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Broward College	51	25	49.0%	198.3	63	47	74.6%	204.1
Daytona State College	13	11	84.6%	211.8	14	13	92.9%	212.9
Eastern Florida State College	2	1	50.0%	198.5	2	2	100.0%	212.0
Florida Gateway College	7	5	71.4%	208.3	9	9	100.0%	212.4
Florida Gulf Coast University	16	10	62.5%	203.6	17	14	82.4%	210.6
Florida State College at Jacksonville	12	9	75.0%	207.8	14	13	92.9%	211.1
Florida Teachers of Tomorrow	35	21	60.0%	201.9	43	39	90.7%	208.5
Hillsborough Community College	111	54	48.6%	196.3	130	97	74.6%	203.6
Indian River State College	23	13	56.5%	194.0	23	20	87.0%	209.0
Miami Dade College	14	7	50.0%	195.1	17	10	58.8%	199.5
Palm Beach State College	25	13	52.0%	201.5	33	28	84.8%	207.2
Pasco Hernando State College	11	6	54.5%	201.1	14	13	92.9%	206.4
Polk State College	34	16	47.1%	193.9	49	37	75.5%	202.1
Saint Leo University	1	1	100.0%	215.0	1	1	100.0%	215.0
Santa Fe College	11	9	81.8%	215.5	11	11	100.0%	218.0
Seminole State College	42	21	50.0%	198.7	46	35	76.1%	207.1
St. Johns River State College	31	21	67.7%	203.2	39	36	92.3%	208.7
St. Petersburg College	13	10	76.9%	210.6	13	13	100.0%	217.1
State College of Florida, Manatee-Sarasota	26	18	69.2%	205.3	28	25	89.3%	209.1
University of Arizona Global Campus	3	2	66.7%	206.0	3	3	100.0%	218.0

ELEMENTARY ED K–6 SUBTEST 1: LANGUAGE ARTS AND READING	First Attempt				Best Attempt			
University of Florida	49	42	85.7%	216.5	49	48	98.0%	219.3
University of West Florida	360	288	80.0%	212.5	389	381	97.9%	216.3
Valencia College	36	21	58.3%	201.1	44	39	88.6%	208.5
EPI Total	**926**	**624**	**67.4%**	**205.9**	**1,051**	**934**	**88.9%**	**210.9**

ELEMENTARY ED K–6 SUBTEST 1: LANGUAGE ARTS AND READING	First Attempt				Best Attempt			
PDCP	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Alachua	4	3	75.0%	209.0	6	6	100.0%	213.0
Baker	2	2	100.0%	213.5	3	3	100.0%	213.0
Bay	27	14	51.9%	192.6	30	24	80.0%	201.3
Bradford					1	1	100.0%	203.0
Brevard	28	16	57.1%	200.8	31	30	96.8%	210.8
Broward	39	25	64.1%	204.5	48	43	89.6%	208.9
Collier	17	10	58.8%	201.4	19	17	89.5%	208.7
Desoto	5	1	20.0%	180.8	5	4	80.0%	203.0
Duval	27	19	70.4%	203.2	33	28	84.8%	205.6
Escambia	23	13	56.5%	201.0	25	19	76.0%	205.4
Gadsden	9	1	11.1%	182.3	12	7	58.3%	197.3
Hillsborough	47	35	74.5%	206.7	55	49	89.1%	211.5
Indian River	11	4	36.4%	185.0	13	9	69.2%	199.8
Lake	1	1	100.0%	236.0	1	1	100.0%	236.0
Lee	7	3	42.9%	199.1	11	10	90.9%	204.6
Levy	3	1	33.3%	195.0	3	3	100.0%	209.0
Manatee	5	4	80.0%	206.0	5	5	100.0%	210.8
Marion	5	4	80.0%	199.4	5	4	80.0%	199.4
Miami-Dade	35	15	42.9%	191.3	39	31	79.5%	203.6
Okaloosa	1	1	100.0%	203.0	1	1	100.0%	203.0
Orange	54	37	68.5%	202.1	66	59	89.4%	208.5
Palm Beach	11	4	36.4%	186.5	16	12	75.0%	201.1
Pasco	60	33	55.0%	197.7	69	62	89.9%	206.9
Pinellas	6	3	50.0%	201.0	8	6	75.0%	204.9

ELEMENTARY ED K–6 SUBTEST 1: LANGUAGE ARTS AND READING	First Attempt				Best Attempt			
Polk	20	12	60.0%	204.8	25	23	92.0%	211.4
Putnam	4	1	25.0%	182.8	4	2	50.0%	197.8
Santa Rosa	21	11	52.4%	206.0	31	28	90.3%	211.3
Sumter	8	4	50.0%	198.9	8	4	50.0%	200.4
Union	2	1	50.0%	192.5	2	1	50.0%	192.5
PDCP Total	**482**	**278**	**57.7%**	**199.6**	**575**	**492**	**85.6%**	**207.0**

ELEMENTARY ED K–6 SUBTEST 1: LANGUAGE ARTS AND READING	First Attempt				Best Attempt			
Private IHE	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Ave Maria University	13	12	92.3%	219.6	14	14	100.0%	220.1
Baptist College of Florida	9	9	100.0%	221.4	9	9	100.0%	221.4
Barry University	16	3	18.8%	186.5	17	7	41.2%	192.1
Bethune-Cookman University	10	5	50.0%	195.8	14	10	71.4%	199.6
Flagler College	217	173	79.7%	211.9	232	221	95.3%	216.0
Florida College	8	8	100.0%	229.1	9	8	88.9%	221.6
Florida Memorial University	5	1	20.0%	183.4	5	2	40.0%	185.2
Florida Southern College	83	65	78.3%	211.6	86	81	94.2%	215.8
Jacksonville University	9	9	100.0%	210.3	10	10	100.0%	210.8
Johnson University Florida	4	4	100.0%	214.3	4	4	100.0%	214.3
Lynn University	5	0	0.0%	186.8	5	4	80.0%	198.8
Nova Southeastern University	41	21	51.2%	198.1	48	37	77.1%	204.9
Palm Beach Atlantic University	49	35	71.4%	208.8	50	48	96.0%	214.0
Rollins College	28	22	78.6%	208.7	29	28	96.6%	213.2
Saint Leo University	153	84	54.9%	201.9	174	154	88.5%	209.6
Southeastern University	58	47	81.0%	210.8	62	60	96.8%	213.7
Stetson University	40	36	90.0%	218.3	41	40	97.6%	220.1
Trinity International University	7	5	71.4%	197.0	7	5	71.4%	199.1
University of Miami	26	24	92.3%	217.2	27	27	100.0%	218.2

ELEMENTARY ED K–6 SUBTEST 1: LANGUAGE ARTS AND READING	First Attempt					Best Attempt			
University of Tampa	91	72	79.1%	211.4		93	92	98.9%	216.6
Warner University	8	3	37.5%	195.5		8	7	87.5%	204.9
Private IHE Total	**880**	**638**	**72.5%**	**208.7**		**944**	**868**	**91.9%**	**213.2**

ELEMENTARY ED K–6 SUBTEST 1: LANGUAGE ARTS AND READING	First Attempt					Best Attempt			
State College	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**		**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Chipola College	44	35	79.5%	209.0		47	43	91.5%	212.0
Daytona State College	128	111	86.7%	214.2		141	138	97.9%	216.0
Florida Southwestern State College	212	146	68.9%	207.8		232	209	90.1%	212.1
Indian River State College	87	63	72.4%	206.8		95	84	88.4%	210.6
Northwest Florida State College	48	44	91.7%	214.0		51	48	94.1%	214.9
Polk State College	33	21	63.6%	204.5		33	33	100.0%	214.6
South Florida State College	42	36	85.7%	212.9		43	43	100.0%	217.0
St. Petersburg College	165	132	80.0%	212.0		171	163	95.3%	215.1
State College Total	**759**	**588**	**77.5%**	**210.3**		**813**	**761**	**93.6%**	**213.8**

ELEMENTARY ED K–6 SUBTEST 1: LANGUAGE ARTS AND READING	First Attempt					Best Attempt			
State University	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**		**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Florida A&M University	30	14	46.7%	198.1		35	26	74.3%	204.3
Florida Atlantic University	274	153	55.8%	199.4		312	268	85.9%	207.5
Florida Gulf Coast University	179	96	53.6%	200.0		200	193	96.5%	211.3
Florida International University	159	100	62.9%	203.0		173	159	91.9%	210.7
Florida State University	90	79	87.8%	219.7		95	91	95.8%	220.3
University of Central Florida	810	633	78.1%	210.8		856	810	94.6%	214.3
University of Florida	243	215	88.5%	216.0		245	239	97.6%	218.0
University of North Florida	184	137	74.5%	207.9		206	192	93.2%	211.9

ELEMENTARY ED K–6 SUBTEST 1: LANGUAGE ARTS AND READING	First Attempt				Best Attempt			
University of South Florida	470	361	76.8%	210.3	487	462	94.9%	213.8
University of West Florida	197	139	70.6%	208.1	218	204	93.6%	213.7
State University Total	**2,636**	**1,927**	**73.1%**	**208.5**	**2,827**	**2,644**	**93.5%**	**213.2**

ELEMENTARY ED K–6 SUBTEST 1: LANGUAGE ARTS AND READING	First Attempt				Best Attempt			
Statewide	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Program Total	5,683	4,055	71.4%	207.6	6,210	5,699	91.8%	212.3
Non-Program Total	10,068	5,168	51.3%	196.6	10,982	7,553	68.8%	201.9
Grand Total	**15,751**	**9,223**	**58.6%**	**200.6**	**17,192**	**13,252**	**77.1%**	**205.7**

ELEMENTARY ED K–6 SUBTEST 2: SOCIAL SCIENCE	First Attempt				Best Attempt			
EPI	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Broward College	51	36	70.6%	208.1	58	48	82.8%	212.8
Daytona State College	13	12	92.3%	226.8	14	13	92.9%	225.6
Eastern Florida State College	2	2	100.0%	222.0	2	2	100.0%	222.0
Florida Gateway College	7	6	85.7%	216.3	8	8	100.0%	219.0
Florida Gulf Coast University	16	13	81.3%	217.3	16	14	87.5%	219.8
Florida State College at Jacksonville	12	9	75.0%	213.0	13	10	76.9%	211.4
Florida Teachers of Tomorrow	35	26	74.3%	216.4	41	36	87.8%	219.5
Hillsborough Community College	111	84	75.7%	212.9	127	105	82.7%	214.0
Indian River State College	23	19	82.6%	211.9	23	23	100.0%	222.4
Miami Dade College	14	11	78.6%	217.9	14	11	78.6%	217.9
Palm Beach State College	25	19	76.0%	216.6	32	29	90.6%	219.2
Pasco Hernando State College	11	8	72.7%	217.7	13	12	92.3%	218.9
Polk State College	34	20	58.8%	202.2	41	32	78.0%	208.1
Saint Leo University	1	1	100.0%	230.0	1	1	100.0%	230.0

ELEMENTARY ED K–6 SUBTEST 2: SOCIAL SCIENCE	First Attempt				Best Attempt			
Santa Fe College	11	10	90.9%	217.0	11	11	100.0%	219.8
Seminole State College	42	34	81.0%	215.6	44	41	93.2%	219.9
St. Johns River State College	31	27	87.1%	219.8	33	30	90.9%	219.9
St. Petersburg College	13	13	100.0%	227.3	13	13	100.0%	227.3
State College of Florida, Manatee-Sarasota	26	22	84.6%	224.2	27	25	92.6%	224.9
University of Arizona Global Campus	3	3	100.0%	228.3	3	3	100.0%	228.3
University of Florida	49	43	87.8%	224.2	51	50	98.0%	225.9
University of West Florida	360	324	90.0%	223.1	376	370	98.4%	224.6
Valencia College	36	35	97.2%	222.4	39	37	94.9%	221.3
EPI Total	**926**	**777**	**83.9%**	**218.8**	**1,000**	**924**	**92.4%**	**220.6**

ELEMENTARY ED K–6 SUBTEST 2: SOCIAL SCIENCE	First Attempt				Best Attempt			
PDCP	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Alachua	4	4	100.0%	236.3	4	4	100.0%	236.3
Baker	2	2	100.0%	218.5	3	3	100.0%	214.7
Bay	27	21	77.8%	215.6	30	26	86.7%	216.1
Brevard	28	22	78.6%	216.4	28	27	96.4%	221.0
Broward	39	32	82.1%	214.8	41	38	92.7%	216.8
Collier	17	14	82.4%	219.2	17	16	94.1%	222.2
Desoto	5	3	60.0%	202.0	5	5	100.0%	221.0
Duval	27	18	66.7%	209.1	29	22	75.9%	211.0
Escambia	23	14	60.9%	205.3	24	18	75.0%	208.6
Gadsden	9	3	33.3%	193.9	10	6	60.0%	201.4
Hillsborough	47	36	76.6%	214.6	52	49	94.2%	218.0
Indian River	11	8	72.7%	214.6	12	10	83.3%	215.8
Lake	1	1	100.0%	237.0	1	1	100.0%	237.0
Lee	7	5	71.4%	209.7	8	8	100.0%	218.3
Levy	3	2	66.7%	203.3	3	3	100.0%	215.7
Manatee	5	5	100.0%	214.0	6	6	100.0%	212.8
Marion	5	5	100.0%	215.0	5	5	100.0%	215.0

ELEMENTARY ED K–6 SUBTEST 2: SOCIAL SCIENCE	First Attempt				Best Attempt			
Miami-Dade	35	25	71.4%	210.3	36	29	80.6%	211.2
Okaloosa	1	1	100.0%	230.0	1	1	100.0%	230.0
Orange	54	46	85.2%	217.9	56	51	91.1%	218.8
Palm Beach	11	6	54.5%	204.7	12	9	75.0%	209.1
Pasco	60	47	78.3%	214.9	63	59	93.7%	219.3
Pinellas	6	6	100.0%	227.7	6	6	100.0%	227.7
Polk	20	18	90.0%	220.3	21	21	100.0%	222.2
Putnam	4	1	25.0%	182.8	4	3	75.0%	210.0
Santa Rosa	21	19	90.5%	218.1	24	23	95.8%	217.8
Sumter	8	5	62.5%	213.8	8	5	62.5%	216.6
Union	2	1	50.0%	178.0	2	1	50.0%	178.0
PDCP Total	**482**	**370**	**76.8%**	**213.8**	**511**	**455**	**89.0%**	**216.6**

ELEMENTARY ED K–6 SUBTEST 2: SOCIAL SCIENCE	First Attempt				Best Attempt			
Private IHE	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Ave Maria University	13	10	76.9%	208.8	14	12	85.7%	210.5
Baptist College of Florida	9	8	88.9%	215.7	9	9	100.0%	218.7
Barry University	16	7	43.8%	189.1	17	11	64.7%	197.7
Bethune-Cookman University	10	5	50.0%	200.1	12	9	75.0%	202.0
Flagler College	217	152	70.0%	210.0	233	220	94.4%	215.9
Florida College	8	8	100.0%	229.6	9	8	88.9%	223.3
Florida Memorial University	5	2	40.0%	176.0	5	3	60.0%	193.0
Florida Southern College	83	55	66.3%	208.4	86	83	96.5%	216.9
Jacksonville University	9	8	88.9%	217.4	10	10	100.0%	218.1
Johnson University Florida	4	2	50.0%	192.3	4	4	100.0%	208.3
Lynn University	5	0	0.0%	171.2	5	3	60.0%	195.4
Nova Southeastern University	41	23	56.1%	200.5	49	35	71.4%	203.9
Palm Beach Atlantic University	49	32	65.3%	205.4	50	46	92.0%	213.2
Rollins College	28	19	67.9%	208.2	28	26	92.9%	214.3

ELEMENTARY ED K–6 SUBTEST 2: SOCIAL SCIENCE	First Attempt				Best Attempt			
Saint Leo University	153	99	64.7%	204.3	173	154	89.0%	211.5
Southeastern University	58	38	65.5%	206.8	63	59	93.7%	212.3
Stetson University	40	36	90.0%	220.2	42	41	97.6%	221.9
Trinity International University	7	4	57.1%	205.3	7	6	85.7%	213.0
University of Miami	26	18	69.2%	212.0	27	26	96.3%	218.5
University of Tampa	91	65	71.4%	206.4	94	89	94.7%	214.7
Warner University	8	7	87.5%	207.6	10	10	100.0%	208.8
Private IHE Total	**880**	**598**	**68.0%**	**207.3**	**947**	**864**	**91.2%**	**213.6**

ELEMENTARY ED K–6 SUBTEST 2: SOCIAL SCIENCE	First Attempt				Best Attempt			
State College	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Chipola College	44	32	72.7%	208.1	46	41	89.1%	212.3
Daytona State College	128	106	82.8%	214.9	146	136	93.2%	216.1
Florida Southwestern State College	212	153	72.2%	210.3	223	198	88.8%	214.2
Indian River State College	87	56	64.4%	204.5	95	83	87.4%	210.1
Northwest Florida State College	48	42	87.5%	217.0	49	48	98.0%	218.9
Polk State College	33	19	57.6%	198.2	33	33	100.0%	213.9
South Florida State College	42	35	83.3%	214.8	43	42	97.7%	218.4
St. Petersburg College	165	125	75.8%	213.7	180	169	93.9%	217.4
State College Total	**759**	**568**	**74.8%**	**211.2**	**815**	**750**	**92.0%**	**215.2**

ELEMENTARY ED K–6 SUBTEST 2: SOCIAL SCIENCE	First Attempt				Best Attempt			
State University	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Florida A&M University	30	15	50.0%	194.3	38	26	68.4%	199.9
Florida Atlantic University	274	165	60.2%	202.7	313	267	85.3%	209.7
Florida Gulf Coast University	179	118	65.9%	205.8	189	183	96.8%	214.9

ELEMENTARY ED K–6 SUBTEST 2: SOCIAL SCIENCE	First Attempt				Best Attempt			
Florida International University	159	91	57.2%	201.9	180	160	88.9%	211.7
Florida State University	90	81	90.0%	219.7	98	95	96.9%	220.3
University of Central Florida	810	543	67.0%	206.7	878	836	95.2%	214.6
University of Florida	243	197	81.1%	214.2	247	240	97.2%	218.3
University of North Florida	184	119	64.7%	204.1	208	186	89.4%	211.4
University of South Florida	470	297	63.2%	205.1	489	456	93.3%	214.0
University of West Florida	197	128	65.0%	205.3	228	210	92.1%	212.5
State University Total	**2,636**	**1,754**	**66.5%**	**206.4**	**2,868**	**2,659**	**92.7%**	**213.7**

ELEMENTARY ED K–6 SUBTEST 2: SOCIAL SCIENCE	First Attempt				Best Attempt			
Statewide	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Program Total	5,683	4,067	71.6%	209.8	6,141	5,652	92.0%	215.2
Non-Program Total	10,067	6,445	64.0%	205.5	10,723	8,148	76.0%	209.1
Grand Total	**15,750**	**10,512**	**66.7%**	**207.0**	**16,864**	**13,800**	**81.8%**	**211.4**

ELEMENTARY ED K–6 SUBTEST 3: SCIENCE	First Attempt				Best Attempt			
EPI	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Broward College	51	30	58.8%	203.4	58	46	79.3%	208.2
Daytona State College	13	11	84.6%	224.8	14	13	92.9%	226.8
Eastern Florida State College	2	1	50.0%	207.0	2	2	100.0%	212.0
Florida Gateway College	7	7	100.0%	215.0	8	8	100.0%	214.4
Florida Gulf Coast University	16	12	75.0%	213.8	16	14	87.5%	219.6
Florida State College at Jacksonville	12	10	83.3%	205.9	14	12	85.7%	214.5
Florida Teachers of Tomorrow	35	28	80.0%	213.3	41	38	92.7%	214.3
Hillsborough Community College	111	74	66.7%	206.0	123	98	79.7%	208.9
Indian River State College	23	19	82.6%	220.0	23	23	100.0%	222.6

ELEMENTARY ED K–6 SUBTEST 3: SCIENCE	First Attempt				Best Attempt			
Miami Dade College	14	9	64.3%	208.4	15	10	66.7%	209.7
Palm Beach State College	25	16	64.0%	206.0	29	26	89.7%	211.8
Pasco Hernando State College	11	9	81.8%	213.6	14	11	78.6%	208.0
Polk State College	34	23	67.6%	202.2	44	35	79.5%	205.5
Saint Leo University	1	1	100.0%	238.0	1	1	100.0%	238.0
Santa Fe College	11	9	81.8%	210.5	11	10	90.9%	213.0
Seminole State College	42	34	81.0%	215.1	44	38	86.4%	218.1
St. Johns River State College	31	27	87.1%	215.6	34	31	91.2%	215.0
St. Petersburg College	13	12	92.3%	223.5	14	14	100.0%	224.8
State College of Florida, Manatee-Sarasota	26	20	76.9%	215.3	27	26	96.3%	219.6
University of Arizona Global Campus	3	3	100.0%	223.3	3	3	100.0%	223.3
University of Florida	49	47	95.9%	223.4	50	50	100.0%	224.4
University of West Florida	360	325	90.3%	221.3	377	371	98.4%	223.0
Valencia College	36	32	88.9%	218.0	40	37	92.5%	217.8
EPI Total	**926**	**759**	**82.0%**	**215.6**	**1,002**	**917**	**91.5%**	**217.5**

ELEMENTARY ED K–6 SUBTEST 3: SCIENCE	First Attempt				Best Attempt			
PDCP	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Alachua	4	3	75.0%	229.8	4	4	100.0%	232.3
Baker	2	1	50.0%	212.5	3	3	100.0%	214.0
Bay	27	19	70.4%	204.8	30	25	83.3%	207.6
Bradford					1	1	100.0%	203.0
Brevard	28	25	89.3%	215.5	29	29	100.0%	219.0
Broward	39	28	71.8%	208.3	43	38	88.4%	213.5
Collier	17	16	94.1%	218.5	19	17	89.5%	218.4
Desoto	5	4	80.0%	204.8	5	5	100.0%	210.4
Duval	27	16	59.3%	199.9	30	22	73.3%	204.2
Escambia	23	18	78.3%	210.1	25	20	80.0%	211.1
Gadsden	9	2	22.2%	186.9	10	6	60.0%	199.1
Hillsborough	47	38	80.9%	210.9	51	47	92.2%	213.8

ELEMENTARY ED K–6 SUBTEST 3: SCIENCE	First Attempt				Best Attempt			
Indian River	11	8	72.7%	211.5	12	10	83.3%	212.3
Lake	1	1	100.0%	249.0	1	1	100.0%	249.0
Lee	7	4	57.1%	201.1	9	8	88.9%	207.8
Levy	3	2	66.7%	209.3	3	3	100.0%	213.7
Manatee	5	5	100.0%	220.6	5	5	100.0%	220.6
Marion	5	4	80.0%	220.2	5	4	80.0%	220.2
Miami-Dade	35	20	57.1%	199.9	36	28	77.8%	206.1
Okaloosa	1	1	100.0%	249.0	1	1	100.0%	249.0
Orange	54	45	83.3%	216.7	61	56	91.8%	217.1
Palm Beach	11	9	81.8%	205.8	14	12	85.7%	205.0
Pasco	60	41	68.3%	211.5	62	56	90.3%	216.3
Pinellas	6	5	83.3%	217.8	7	6	85.7%	216.7
Polk	20	20	100.0%	218.9	21	21	100.0%	219.6
Putnam	4	2	50.0%	195.5	4	4	100.0%	205.0
Santa Rosa	21	18	85.7%	218.5	24	24	100.0%	219.4
Sumter	8	5	62.5%	207.8	8	5	62.5%	208.3
Union	2	0	0.0%	179.5	2	1	50.0%	193.0
PDCP Total	**482**	**360**	**74.7%**	**210.4**	**525**	**462**	**88.0%**	**213.4**

ELEMENTARY ED K–6 SUBTEST 3: SCIENCE	First Attempt				Best Attempt			
Private IHE	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Ave Maria University	13	10	76.9%	212.6	14	14	100.0%	220.8
Baptist College of Florida	9	8	88.9%	213.4	9	9	100.0%	215.0
Barry University	16	3	18.8%	186.1	17	7	41.2%	193.5
Bethune-Cookman University	10	5	50.0%	194.4	14	11	78.6%	199.9
Flagler College	217	174	80.2%	212.3	234	223	95.3%	216.0
Florida College	8	8	100.0%	235.0	9	8	88.9%	225.7
Florida Memorial University	5	1	20.0%	179.8	5	3	60.0%	198.4
Florida Southern College	83	67	80.7%	213.9	87	83	95.4%	217.0
Jacksonville University	9	9	100.0%	219.8	9	9	100.0%	219.8

ELEMENTARY ED K–6 SUBTEST 3: SCIENCE	First Attempt					Best Attempt			
Johnson University Florida	4	2	50.0%	203.5		4	4	100.0%	214.5
Lynn University	5	0	0.0%	185.0		5	4	80.0%	208.2
Nova Southeastern University	41	23	56.1%	199.8		46	35	76.1%	203.9
Palm Beach Atlantic University	49	37	75.5%	210.3		52	50	96.2%	214.5
Rollins College	28	16	57.1%	208.2		28	27	96.4%	217.5
Saint Leo University	153	96	62.7%	204.2		171	154	90.1%	211.1
Southeastern University	58	46	79.3%	209.6		62	59	95.2%	213.0
Stetson University	40	34	85.0%	216.6		42	41	97.6%	220.0
Trinity International University	7	6	85.7%	216.3		7	6	85.7%	216.3
University of Miami	26	19	73.1%	210.7		27	26	96.3%	215.7
University of Tampa	91	69	75.8%	210.4		94	91	96.8%	215.1
Warner University	8	6	75.0%	210.4		9	9	100.0%	216.9
Private IHE Total	**880**	**639**	**72.6%**	**209.2**		**945**	**873**	**92.4%**	**213.9**

ELEMENTARY ED K–6 SUBTEST 3: SCIENCE	First Attempt					Best Attempt			
State College	Examinees	No. Pass	Pass Rate	Mean Score		Examinees	No. Pass	Pass Rate	Mean Score
Chipola College	44	38	86.4%	213.5		46	42	91.3%	214.2
Daytona State College	128	115	89.8%	218.6		138	135	97.8%	220.1
Florida Southwestern State College	212	168	79.2%	213.3		224	204	91.1%	216.2
Indian River State College	87	63	72.4%	206.3		93	81	87.1%	210.6
Northwest Florida State College	48	45	93.8%	217.4		51	49	96.1%	217.3
Polk State College	33	22	66.7%	208.8		33	33	100.0%	217.6
South Florida State College	42	33	78.6%	212.1		43	43	100.0%	217.9
St. Petersburg College	165	140	84.8%	215.5		172	165	95.9%	217.8
State College Total	**759**	**624**	**82.2%**	**213.9**		**800**	**752**	**94.0%**	**216.7**

ELEMENTARY ED K–6 SUBTEST 3: SCIENCE	First Attempt				Best Attempt			
State University	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Florida A&M University	30	15	50.0%	199.7	39	29	74.4%	203.7
Florida Atlantic University	274	192	70.1%	207.4	303	271	89.4%	212.1
Florida Gulf Coast University	179	137	76.5%	211.6	189	184	97.4%	217.3
Florida International University	159	104	65.4%	206.6	178	158	88.8%	213.6
Florida State University	90	81	90.0%	224.4	98	96	98.0%	225.0
University of Central Florida	810	600	74.1%	210.1	872	830	95.2%	215.6
University of Florida	243	219	90.1%	220.0	245	240	98.0%	221.6
University of North Florida	184	140	76.1%	209.1	208	193	92.8%	213.5
University of South Florida	470	351	74.7%	210.4	487	461	94.7%	215.8
University of West Florida	197	149	75.6%	211.0	219	208	95.0%	216.0
State University Total	**2,636**	**1,988**	**75.4%**	**211.0**	**2,838**	**2,670**	**94.1%**	**215.8**

ELEMENTARY ED K–6 SUBTEST 3: SCIENCE	First Attempt				Best Attempt			
Statewide	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Program Total	5,683	4,370	76.9%	211.8	6,110	5,674	92.9%	215.7
Non-Program Total	10,067	6,269	62.3%	203.4	10,724	8,012	74.7%	207.0
Grand Total	**15,750**	**10,639**	**67.5%**	**206.5**	**16,834**	**13,686**	**81.3%**	**210.1**

ELEMENTARY ED K–6 SUBTEST 4: MATHEMATICS	First Attempt				Best Attempt			
EPI	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Broward College	51	28	54.9%	197.4	60	43	71.7%	203.2
Daytona State College	13	10	76.9%	210.4	14	12	85.7%	210.2
Eastern Florida State College	2	2	100.0%	203.5	2	2	100.0%	203.5
Florida Gateway College	7	4	57.1%	202.4	8	5	62.5%	204.4
Florida Gulf Coast University	16	13	81.3%	208.8	16	14	87.5%	212.4

ELEMENTARY ED K–6 SUBTEST 4: MATHEMATICS	First Attempt				Best Attempt			
Florida State College at Jacksonville	12	7	58.3%	194.0	14	11	78.6%	209.6
Florida Teachers of Tomorrow	35	25	71.4%	207.7	41	35	85.4%	210.3
Hillsborough Community College	111	56	50.5%	196.3	128	86	67.2%	202.1
Indian River State College	23	17	73.9%	214.1	23	21	91.3%	219.4
Miami Dade College	14	7	50.0%	194.7	16	11	68.8%	199.3
Palm Beach State College	25	17	68.0%	201.6	32	28	87.5%	206.9
Pasco Hernando State College	11	7	63.6%	204.4	15	8	53.3%	197.2
Polk State College	34	16	47.1%	195.4	45	33	73.3%	201.8
Saint Leo University	1	1	100.0%	243.0	1	1	100.0%	243.0
Santa Fe College	11	7	63.6%	204.9	12	10	83.3%	212.8
Seminole State College	42	25	59.5%	206.0	44	37	84.1%	210.7
St. Johns River State College	31	21	67.7%	208.5	34	31	91.2%	213.0
St. Petersburg College	13	12	92.3%	220.3	14	13	92.9%	220.1
State College of Florida, Manatee-Sarasota	26	18	69.2%	207.8	27	23	85.2%	213.3
University of Arizona Global Campus	3	2	66.7%	196.3	3	3	100.0%	213.0
University of Florida	49	46	93.9%	227.4	49	48	98.0%	228.3
University of West Florida	360	312	86.7%	218.2	380	369	97.1%	220.5
Valencia College	36	29	80.6%	211.5	42	39	92.9%	213.1
EPI Total	**926**	**682**	**73.7%**	**210.3**	**1,020**	**883**	**86.6%**	**213.3**

ELEMENTARY ED K–6 SUBTEST 4: MATHEMATICS	First Attempt				Best Attempt			
PDCP	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Alachua	4	4	100.0%	226.8	4	4	100.0%	226.8
Baker	2	1	50.0%	211.0	2	2	100.0%	218.0
Bay	27	11	40.7%	191.0	31	23	74.2%	202.6
Bradford					1	1	100.0%	225.0
Brevard	28	21	75.0%	213.5	28	27	96.4%	219.9
Broward	39	26	66.7%	205.3	43	39	90.7%	210.8
Collier	17	10	58.8%	201.0	19	16	84.2%	205.7

ELEMENTARY ED K–6 SUBTEST 4: MATHEMATICS	First Attempt				Best Attempt			
Desoto	5	1	20.0%	197.0	5	5	100.0%	215.6
Duval	27	13	48.1%	193.8	33	21	63.6%	199.9
Escambia	23	15	65.2%	206.5	24	18	75.0%	211.0
Gadsden	9	4	44.4%	194.1	9	7	77.8%	203.3
Hillsborough	47	36	76.6%	210.5	52	46	88.5%	212.6
Indian River	11	6	54.5%	200.1	12	10	83.3%	206.8
Lake	1	1	100.0%	243.0	1	1	100.0%	243.0
Lee	7	5	71.4%	206.3	8	7	87.5%	208.8
Levy	3	2	66.7%	207.0	3	3	100.0%	220.3
Manatee	5	4	80.0%	211.6	5	5	100.0%	215.2
Marion	5	4	80.0%	204.4	5	4	80.0%	204.4
Miami-Dade	35	21	60.0%	204.0	38	29	76.3%	208.2
Okaloosa	1	1	100.0%	218.0	1	1	100.0%	218.0
Orange	54	44	81.5%	213.2	59	51	86.4%	214.4
Palm Beach	11	5	45.5%	193.1	11	8	72.7%	199.0
Pasco	60	36	60.0%	203.4	63	57	90.5%	211.0
Pinellas	6	5	83.3%	217.3	7	6	85.7%	214.9
Polk	20	12	60.0%	204.1	21	20	95.2%	213.9
Putnam	4	2	50.0%	188.3	4	2	50.0%	201.8
Santa Rosa	21	15	71.4%	206.7	27	25	92.6%	211.2
Sumter	8	5	62.5%	205.5	8	5	62.5%	206.5
Union	2	1	50.0%	207.0	2	1	50.0%	207.0
PDCP Total	**482**	**311**	**64.5%**	**205.0**	**526**	**444**	**84.4%**	**210.2**

ELEMENTARY ED K–6 SUBTEST 4: MATHEMATICS	First Attempt				Best Attempt			
Private IHE	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Ave Maria University	13	10	76.9%	210.8	14	13	92.9%	212.9
Baptist College of Florida	9	7	77.8%	217.6	9	9	100.0%	224.0
Barry University	16	4	25.0%	179.3	17	7	41.2%	187.4
Bethune-Cookman University	10	4	40.0%	194.4	16	13	81.3%	203.3

ELEMENTARY ED K–6 SUBTEST 4: MATHEMATICS	First Attempt				Best Attempt			
Flagler College	217	163	75.1%	208.4	241	225	93.4%	212.2
Florida College	8	7	87.5%	221.9	8	7	87.5%	221.9
Florida Memorial University	5	1	20.0%	168.8	5	2	40.0%	186.6
Florida Southern College	83	56	67.5%	209.1	86	82	95.3%	215.0
Jacksonville University	9	6	66.7%	213.2	9	9	100.0%	221.2
Johnson University Florida	4	2	50.0%	197.3	4	4	100.0%	211.8
Lynn University	5	2	40.0%	195.0	7	4	57.1%	200.0
Nova Southeastern University	41	19	46.3%	197.2	52	34	65.4%	200.7
Palm Beach Atlantic University	49	33	67.3%	207.4	51	50	98.0%	215.3
Rollins College	28	17	60.7%	207.3	30	26	86.7%	215.0
Saint Leo University	153	86	56.2%	198.7	174	144	82.8%	205.9
Southeastern University	58	40	69.0%	208.0	62	57	91.9%	213.4
Stetson University	40	32	80.0%	214.7	40	38	95.0%	218.6
Trinity International University	7	3	42.9%	188.7	7	5	71.4%	201.4
University of Miami	26	23	88.5%	219.6	27	27	100.0%	221.9
University of Tampa	91	71	78.0%	212.3	94	92	97.9%	216.0
Warner University	8	8	100.0%	210.8	8	8	100.0%	210.8
Private IHE Total	**880**	**594**	**67.5%**	**206.3**	**961**	**856**	**89.1%**	**211.3**

ELEMENTARY ED K–6 SUBTEST 4: MATHEMATICS	First Attempt				Best Attempt			
State College	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Chipola College	44	28	63.6%	204.1	47	41	87.2%	208.7
Daytona State College	128	98	76.6%	210.5	139	133	95.7%	214.5
Florida Southwestern State College	212	130	61.3%	204.2	228	200	87.7%	210.2
Indian River State College	87	48	55.2%	198.7	95	80	84.2%	206.1
Northwest Florida State College	48	35	72.9%	213.6	49	49	100.0%	220.2
Polk State College	33	21	63.6%	204.2	33	33	100.0%	213.5

ELEMENTARY ED K–6 SUBTEST 4: MATHEMATICS	First Attempt				Best Attempt			
South Florida State College	42	30	71.4%	209.4	43	41	95.3%	216.7
St. Petersburg College	165	119	72.1%	210.0	181	169	93.4%	214.8
State College Total	**759**	**509**	**67.1%**	**206.8**	**815**	**746**	**91.5%**	**212.5**

ELEMENTARY ED K–6 SUBTEST 4: MATHEMATICS	First Attempt				Best Attempt			
State University	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Florida A&M University	30	11	36.7%	195.7	38	27	71.1%	202.2
Florida Atlantic University	274	152	55.5%	200.5	311	268	86.2%	208.4
Florida Gulf Coast University	179	122	68.2%	206.2	191	182	95.3%	212.5
Florida International University	159	96	60.4%	202.4	174	152	87.4%	210.8
Florida State University	90	74	82.2%	219.8	95	92	96.8%	223.0
University of Central Florida	810	574	70.9%	209.3	856	803	93.8%	214.8
University of Florida	243	209	86.0%	221.0	244	236	96.7%	223.3
University of North Florida	184	123	66.8%	205.5	203	181	89.2%	212.0
University of South Florida	470	341	72.6%	210.4	487	453	93.0%	215.0
University of West Florida	197	127	64.5%	205.3	218	196	89.9%	211.6
State University Total	**2,636**	**1,829**	**69.4%**	**208.7**	**2,817**	**2,590**	**91.9%**	**214.1**

ELEMENTARY ED K–6 SUBTEST 4: MATHEMATICS	First Attempt				Best Attempt			
Statewide	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Program Total	5,683	3,925	69.1%	208.0	6,139	5,519	89.9%	213.0
Non-Program Total	10,065	5,317	52.8%	197.1	10,886	7,364	67.6%	202.0
Grand Total	**15,748**	**9,242**	**58.7%**	**201.1**	**17,025**	**12,883**	**75.7%**	**206.0**

ENGLISH 6-12 Multiple Choice	First Attempt				Best Attempt			
Educator Preparation Institute (EPI)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	15	8	53.3%	199.7	18	14	77.8%	204.9
Daytona State College	7	4	57.1%	195.1	7	4	57.1%	195.1
Eastern Florida State College	2	1	50.0%	205.5	2	1	50.0%	205.5
Florida Gateway College	8	6	75.0%	203.4	9	7	77.8%	205.4
Florida Gulf Coast University	10	8	80.0%	214.1	10	8	80.0%	214.1
Florida State College at Jacksonville	6	3	50.0%	201.5	6	5	83.3%	211.8
Florida Teachers of Tomorrow	23	16	69.6%	208.0	23	18	78.3%	209.9
Hillsborough Community College	35	25	71.4%	205.7	38	33	86.8%	208.0
Indian River State College	9	6	66.7%	207.6	9	7	77.8%	210.0
Miami Dade College	3	1	33.3%	192.3	3	2	66.7%	206.3
Palm Beach State College	13	12	92.3%	216.8	14	13	92.9%	215.9
Pasco Hernando State College	9	5	55.6%	202.0	10	8	80.0%	204.9
Polk State College	37	29	78.4%	207.2	40	36	90.0%	209.8
Santa Fe College	3	3	100.0%	230.7	3	3	100.0%	230.7
Seminole State College	19	17	89.5%	213.9	20	19	95.0%	214.2
St. Johns River State College	19	15	78.9%	211.3	19	18	94.7%	213.5
St. Petersburg College	3	3	100.0%	214.3	3	3	100.0%	214.3
State College of Florida, Manatee-Sarasota	11	9	81.8%	206.9	13	11	84.6%	204.9
University of Florida	6	4	66.7%	204.8	6	6	100.0%	211.5
University of West Florida	119	97	81.5%	213.8	123	113	91.9%	215.9
Valencia College	39	32	82.1%	211.8	43	40	93.0%	214.0
EPI Total	**396**	**304**	**76.8%**	**209.9**	**419**	**369**	**88.1%**	**211.9**

ENGLISH 6-12 MULTIPLE CHOICE	First Attempt				Best Attempt			
Professional Development Certification Programs (PDCP)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Alachua	2	1	50.0%	207.0	3	2	66.7%	208.3
Bay	6	5	83.3%	198.5	6	5	83.3%	198.5
Bradford	1	1	100.0%	216.0	2	2	100.0%	208.0
Brevard	8	3	37.5%	197.0	9	8	88.9%	212.4
Broward	39	26	66.7%	204.4	45	38	84.4%	207.6
Collier	12	11	91.7%	211.8	13	13	100.0%	214.1
Desoto	1	1	100.0%	202.0	2	2	100.0%	202.0
Duval	20	16	80.0%	207.8	26	23	88.5%	209.0
Escambia	18	11	61.1%	204.9	18	17	94.4%	213.1
Gadsden	1	1	100.0%	226.0	2	2	100.0%	214.0
Hillsborough	57	45	78.9%	209.5	69	62	89.9%	211.1
Indian River	7	5	71.4%	199.1	7	6	85.7%	202.0
Lake	3	2	66.7%	207.0	3	2	66.7%	207.0
Lee	9	7	77.8%	209.9	9	9	100.0%	213.1
Levy	1	1	100.0%	211.0	1	1	100.0%	211.0
Manatee	2	0	0.0%	187.5	3	1	33.3%	200.0
Marion	4	2	50.0%	204.8	4	3	75.0%	212.0
Miami-Dade	23	13	56.5%	194.7	24	20	83.3%	205.2
Okaloosa	1	1	100.0%	216.0	1	1	100.0%	216.0
Orange	51	35	68.6%	207.5	56	50	89.3%	212.3
Palm Beach	22	16	72.7%	204.8	26	23	88.5%	208.3
Pasco	17	8	47.1%	198.8	17	14	82.4%	208.8
Pinellas	17	12	70.6%	201.4	20	16	80.0%	203.9
Polk	12	11	91.7%	214.5	14	13	92.9%	212.9

	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Putnam	2	1	50.0%	200.0	2	2	100.0%	209.0
Santa Rosa	3	1	33.3%	203.0	4	4	100.0%	212.8
PDCP Total	**339**	**236**	**69.6%**	**205.3**	**386**	**339**	**87.8%**	**209.5**

ENGLISH 6-12 MULTIPLE CHOICE	First Attempt				Best Attempt			
Private College/University	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Bethune-Cookman University	2	1	50.0%	197.5	4	3	75.0%	207.5
Flagler College	4	3	75.0%	204.8	4	3	75.0%	204.8
Florida Memorial University	1	0	0.0%	193.0	1	0	0.0%	193.0
Florida Southern College	3	3	100.0%	208.3	3	3	100.0%	208.3
Nova Southeastern University	1	1	100.0%	220.0	2	1	50.0%	204.5
Palm Beach Atlantic University	6	5	83.3%	209.7	6	6	100.0%	212.3
Rollins College	2	0	0.0%	184.5	2	0	0.0%	191.5
Southeastern University	11	7	63.6%	207.5	11	10	90.9%	211.4
University Of Miami	1	1	100.0%	225.0	1	1	100.0%	225.0
University Of Tampa	5	5	100.0%	219.6	6	6	100.0%	218.2
Warner University	1	1	100.0%	216.0	1	1	100.0%	216.0
Private College/University Total	**37**	**27**	**73.0%**	**208.1**	**41**	**34**	**82.9%**	**210.0**

ENGLISH 6-12 MULTIPLE CHOICE	First Attempt				Best Attempt			
State College	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Chipola College	8	7	87.5%	210.8	8	8	100.0%	211.3
State College Total	**8**	**7**	**87.5%**	**210.8**	**8**	**8**	**100.0%**	**211.3**

ENGLISH 6-12 MULTIPLE CHOICE	First Attempt				Best Attempt			
State University	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Florida A&M University	7	5	71.4%	202.6	9	9	100.0%	212.4
Florida Atlantic University	36	25	69.4%	204.1	43	38	88.4%	206.7
Florida International University	14	14	100.0%	218.1	16	16	100.0%	216.3
Florida State University	21	20	95.2%	217.2	25	24	96.0%	216.4
University Of Central Florida	91	70	76.9%	207.3	103	97	94.2%	211.0
University Of North Florida	14	12	85.7%	209.3	19	17	89.5%	207.4
University Of South Florida	117	98	83.8%	211.4	122	115	94.3%	213.7
State University Total	**300**	**244**	**81.3%**	**209.7**	**337**	**316**	**93.8%**	**211.9**

ENGLISH 6-12 MULTIPLE CHOICE	First Attempt				Best Attempt			
Statewide	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Program Total	1,080	818	75.7%	208.3	1,191	1,066	89.5%	211.1
Non-Program Total	3,270	2,006	61.3%	202.4	3,511	2,546	72.5%	205.1
Grand Total	**4,350**	**2,824**	**64.9%**	**203.9**	**4,702**	**3,612**	**76.8%**	**206.6**

ENGLISH 6-12 WRITTEN PERFORMANCE	First Attempt				Best Attempt			
Educator Preparation Institute (EPI)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	15	7	46.7%	7.2	19	14	73.7%	7.8
Daytona State College	7	4	57.1%	6.6	7	4	57.1%	6.6
Eastern Florida State College	2	0	0.0%	6.0	2	1	50.0%	7.0
Florida Gateway College	8	5	62.5%	8.0	9	8	88.9%	8.4
Florida Gulf Coast University	10	8	80.0%	8.4	11	9	81.8%	8.4

	First Attempt				Best Attempt			
Florida State College At Jacksonville	6	4	66.7%	6.5	6	4	66.7%	7.2
Florida Teachers Of Tomorrow	23	16	69.6%	8.0	23	17	73.9%	8.1
Hillsborough Community College	35	24	68.6%	7.9	36	30	83.3%	8.3
Indian River State College	9	6	66.7%	7.6	10	8	80.0%	8.0
Miami Dade College	3	1	33.3%	6.0	4	4	100.0%	8.3
Palm Beach State College	13	11	84.6%	8.3	13	12	92.3%	8.5
Pasco Hernando State College	9	6	66.7%	8.0	10	7	70.0%	8.0
Polk State College	37	23	62.2%	7.6	40	33	82.5%	8.0
Santa Fe College	3	2	66.7%	7.3	3	3	100.0%	8.0
Seminole State College	19	13	68.4%	7.7	21	20	95.2%	8.4
St. Johns River State College	19	14	73.7%	8.6	19	16	84.2%	8.8
St. Petersburg College	3	3	100.0%	10.3	3	3	100.0%	10.3
State College Of Florida, Manatee-Sarasota	11	10	90.9%	8.5	13	13	100.0%	8.8
University Of Florida	6	5	83.3%	8.5	6	5	83.3%	8.7
University Of West Florida	119	106	89.1%	8.9	122	114	93.4%	9.0
Valencia College	39	32	82.1%	8.4	44	44	100.0%	8.8
EPI Total	**396**	**300**	**75.8%**	**8.2**	**421**	**369**	**87.6%**	**8.5**

ENGLISH 6-12 WRITTEN PERFORMANCE	First Attempt				Best Attempt			
Professional Development Certification Programs (PDCP)	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Alachua	2	2	100.0%	9.0	2	2	100.0%	9.0
Bay	6	2	33.3%	6.7	7	6	85.7%	7.7
Bradford	1	1	100.0%	10.0	1	1	100.0%	10.0
Brevard	8	7	87.5%	8.3	8	7	87.5%	8.3
Broward	39	27	69.2%	7.9	42	37	88.1%	8.3
Collier	12	11	91.7%	8.5	14	13	92.9%	8.5
Desoto	1	1	100.0%	8.0	1	1	100.0%	8.0

	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Duval	20	14	70.0%	7.9	26	23	88.5%	8.3
Escambia	18	10	55.6%	7.6	18	15	83.3%	8.3
Gadsden	1	1	100.0%	10.0	2	2	100.0%	9.0
Hillsborough	57	42	73.7%	8.2	63	57	90.5%	8.7
Indian River	7	5	71.4%	8.0	7	5	71.4%	8.0
Lake	3	2	66.7%	8.0	3	2	66.7%	8.0
Lee	9	7	77.8%	8.2	9	8	88.9%	8.4
Levy	1	1	100.0%	10.0	1	1	100.0%	10.0
Manatee	2	0	0.0%	6.0	3	1	33.3%	6.7
Marion	4	2	50.0%	7.0	4	2	50.0%	7.0
Miami-Dade	23	13	56.5%	7.3	24	20	83.3%	8.2
Okaloosa	1	1	100.0%	10.0	1	1	100.0%	10.0
Orange	51	41	80.4%	8.3	54	46	85.2%	8.4
Palm Beach	22	18	81.8%	8.2	24	23	95.8%	8.4
Pasco	17	11	64.7%	7.8	17	14	82.4%	8.3
Pinellas	17	13	76.5%	8.0	20	18	90.0%	8.4
Polk	12	10	83.3%	8.0	12	12	100.0%	8.3
Putnam	2	2	100.0%	10.5	2	2	100.0%	10.5
Santa Rosa	3	3	100.0%	8.3	4	4	100.0%	8.3
PDCP Total	**339**	**247**	**72.9%**	**8.0**	**369**	**323**	**87.5%**	**8.4**

ENGLISH 6-12 WRITTEN PERFORMANCE	First Attempt				Best Attempt			
Private College/University	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Bethune-Cookman University	2	0	0.0%	6.5	3	2	66.7%	7.3
Flagler College	4	2	50.0%	8.5	4	3	75.0%	9.5
Florida Memorial University	1	0	0.0%	7.0	1	0	0.0%	7.0
Florida Southern College	3	3	100.0%	8.3	3	3	100.0%	8.3

	First Attempt				Best Attempt			
Nova Southeastern University	1	1	100.0%	9.0	1	1	100.0%	9.0
Palm Beach Atlantic University	6	4	66.7%	9.0	6	6	100.0%	9.7
Rollins College	2	2	100.0%	9.0	2	2	100.0%	9.0
Southeastern University	11	8	72.7%	8.2	12	12	100.0%	8.9
University Of Miami	1	1	100.0%	11.0	1	1	100.0%	11.0
University Of Tampa	5	4	80.0%	8.4	5	5	100.0%	8.8
Warner University	1	1	100.0%	10.0	1	1	100.0%	10.0
Private College/University Total	**37**	**26**	**70.3%**	**8.5**	**39**	**36**	**92.3%**	**8.9**

ENGLISH 6-12 WRITTEN PERFORMANCE	First Attempt				Best Attempt			
State College	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Chipola College	8	6	75.0%	8.0	8	8	100.0%	8.5
State College Total	**8**	**6**	**75.0%**	**8.0**	**8**	**8**	**100.0%**	**8.5**

ENGLISH 6-12 WRITTEN PERFORMANCE	First Attempt				Best Attempt			
State University	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Florida A&M University	7	7	100.0%	8.6	7	7	100.0%	8.6
Florida Atlantic University	36	25	69.4%	7.6	41	37	90.2%	8.2
Florida International University	14	13	92.9%	8.5	14	13	92.9%	8.6
Florida State University	21	14	66.7%	7.8	24	23	95.8%	8.5
University of Central Florida	91	70	76.9%	8.2	98	92	93.9%	8.6
University of North Florida	14	13	92.9%	9.3	20	16	80.0%	8.9
University of South Florida	117	97	82.9%	8.5	124	119	96.0%	8.8
State University Total	**300**	**239**	**79.7%**	**8.3**	**328**	**307**	**93.6%**	**8.6**

ENGLISH 6-12 WRITTEN PERFORMANCE	First Attempt				Best Attempt			
Statewide	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Program Total	1,080	818	75.7%	8.2	1,165	1,043	89.5%	8.5
Non-Program Total	3,270	2,082	63.7%	7.7	3,439	2,534	73.7%	7.9
Grand Total	**4,350**	**2,900**	**66.7%**	**7.8**	**4,604**	**3,577**	**77.7%**	**8.1**

ENGLISH K-12 SPEAKERS OF OTHER LANGUAGES	First Attempt				Best Attempt			
Educator Preparation Institute (EPI)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	14	12	85.7%	208.1	14	12	85.7%	208.9
Daytona State College	5	4	80.0%	200.8	6	4	66.7%	198.3
Eastern Florida State College	1	0	0.0%	169.0	1	0	0.0%	169.0
Florida Gateway College	6	2	33.3%	194.5	6	2	33.3%	194.5
Florida Gulf Coast University	4	3	75.0%	209.5	4	3	75.0%	209.5
Florida State College At Jacksonville	7	2	28.6%	190.9	9	3	33.3%	192.8
Florida Teachers Of Tomorrow	5	3	60.0%	199.4	5	4	80.0%	200.6
Hillsborough Community College	41	28	68.3%	203.0	43	30	69.8%	203.6
Indian River State College	9	7	77.8%	203.3	9	8	88.9%	205.0
Miami Dade College	17	10	58.8%	202.9	18	12	66.7%	204.4
Palm Beach State College	7	3	42.9%	198.9	7	4	57.1%	202.0
Pasco Hernando State College	11	6	54.5%	197.8	11	8	72.7%	202.8
Polk State College	9	5	55.6%	195.3	10	6	60.0%	196.0
Santa Fe College	2	1	50.0%	203.0	2	1	50.0%	203.0
Seminole State College	14	11	78.6%	203.6	14	12	85.7%	204.6
St. Johns River State College	5	4	80.0%	207.8	7	6	85.7%	211.6
St. Petersburg College	10	8	80.0%	206.5	10	8	80.0%	206.5
State College Of Florida, Manatee-Sarasota	22	12	54.5%	200.6	24	15	62.5%	201.5

	First Attempt				Best Attempt			
University Of Florida	12	8	66.7%	208.8	12	8	66.7%	208.8
University Of West Florida	140	116	82.9%	212.0	142	126	88.7%	212.9
Valencia College	32	20	62.5%	201.3	33	20	60.6%	200.5
EPI Total	**373**	**265**	**71.0%**	**205.8**	**387**	**292**	**75.5%**	**206.5**

ENGLISH K-12 SPEAKERS OF OTHER LANGUAGES	First Attempt				Best Attempt			
Professional Development Certification Programs (PDCP)	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Bay	1	0	0.0%	192.0	1	1	100.0%	211.0
Brevard	5	4	80.0%	211.0	5	4	80.0%	211.0
Broward	7	4	57.1%	208.3	7	5	71.4%	210.3
Collier	1	0	0.0%	194.0	1	0	0.0%	194.0
Duval	14	7	50.0%	195.3	14	8	57.1%	196.3
Escambia	5	4	80.0%	209.4	5	4	80.0%	209.4
Hillsborough	46	29	63.0%	204.2	46	34	73.9%	205.8
Indian River	1	1	100.0%	206.0	1	1	100.0%	206.0
Lake	2	2	100.0%	207.0	2	2	100.0%	207.0
Levy	1	0	0.0%	197.0	1	0	0.0%	197.0
Manatee	4	3	75.0%	208.5	4	4	100.0%	211.0
Miami-Dade	13	6	46.2%	195.8	14	9	64.3%	198.3
Okaloosa	1	0	0.0%	197.0	1	0	0.0%	197.0
Orange	15	8	53.3%	204.3	15	8	53.3%	204.5
Palm Beach	8	7	87.5%	214.0	8	7	87.5%	214.0
Pasco	10	6	60.0%	203.9	10	6	60.0%	203.9
Pinellas	7	1	14.3%	194.6	8	2	25.0%	194.9
Polk	2	2	100.0%	206.0	2	2	100.0%	206.0
Putnam	1	1	100.0%	232.0	1	1	100.0%	232.0

	First Attempt				Best Attempt			
	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Sumter	1	1	100.0%	212.0	1	1	100.0%	212.0
PDCP Total	**145**	**86**	**59.3%**	**203.5**	**147**	**99**	**67.3%**	**204.5**

ENGLISH K-12 SPEAKERS OF OTHER LANGUAGES	First Attempt				Best Attempt			
Private College/University	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Baptist College Of Florida	1	0	0.0%	168.0	1	0	0.0%	168.0
Florida Memorial University	2	1	50.0%	188.5	2	1	50.0%	188.5
Nova Southeastern University	4	1	25.0%	174.3	4	1	25.0%	174.3
Palm Beach Atlantic University	1	1	100.0%	214.0	1	1	100.0%	214.0
Saint Leo University	5	3	60.0%	204.0	5	3	60.0%	204.0
Southeastern University	1	0	0.0%	177.0	1	0	0.0%	177.0
Trinity International University	1	0	0.0%	185.0	1	0	0.0%	185.0
Private College/University Total	**15**	**6**	**40.0%**	**189.2**	**15**	**6**	**40.0%**	**189.2**

ENGLISH K-12 SPEAKERS OF OTHER LANGUAGES	First Attempt				Best Attempt			
State College	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	3	3	2	66.7%	204.7	2	66.7%	204.7
Daytona State College	1	1	1	100.0%	209.0	1	100.0%	209.0
Florida Southwestern State College	2	2	1	50.0%	198.5	1	50.0%	198.5
Indian River State College	2	2	2	100.0%	214.0	2	100.0%	214.0
Miami Dade College	2	3	3	100.0%	204.7	2	100.0%	204.0
St. Petersburg College	1	1	0	0.0%	169.0	0	0.0%	169.0
State College Total	**11**	**12**	**9**	**75.0%**	**202.6**	**8**	**72.7%**	**202.3**

ENGLISH K-12 SPEAKERS OF OTHER LANGUAGES	First Attempt				Best Attempt			
State University	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Florida Atlantic University	7	3	42.9%	194.0	7	3	42.9%	194.0
Florida Gulf Coast University	3	1	33.3%	185.7	3	1	33.3%	185.7
Florida International University	8	5	62.5%	200.9	9	6	66.7%	202.0
Florida State University	4	2	50.0%	194.0	5	3	60.0%	202.2
University Of Central Florida	15	6	40.0%	201.3	15	7	46.7%	201.8
University Of Florida	9	6	66.7%	210.1	9	6	66.7%	210.8
University Of North Florida	4	1	25.0%	192.5	4	1	25.0%	192.5
University Of South Florida	3	2	66.7%	200.0	3	2	66.7%	200.0
University Of West Florida	1	1	100.0%	209.0	2	2	100.0%	210.0
State University Total	**54**	**27**	**50.0%**	**199.8**	**57**	**31**	**54.4%**	**201.0**

ENGLISH K-12 SPEAKERS OF OTHER LANGUAGES	First Attempt				Best Attempt			
Statewide	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Program Total	598	392	65.6%	204.2	618	437	70.7%	205.0
Non-Program Total	2,106	1,134	53.8%	198.5	2,293	1,387	60.5%	200.2
Grand Total	**2,704**	**1,526**	**56.4%**	**199.8**	**2,911**	**1,824**	**62.7%**	**201.2**

ENGLISH K-12 EXCEPTIONAL STUDENT EDUCATION	First Attempt				Best Attempt			
Educator Preparation Institute (EPI)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	27	21	77.8%	207.7	32	25	78.1%	208.8
Daytona State College	17	14	82.4%	215.5	20	19	95.0%	217.1
Eastern Florida State College	1	1	100.0%	247.0	1	1	100.0%	247.0
Florida Gateway College	7	6	85.7%	212.7	7	7	100.0%	215.4

Florida Gulf Coast University	10	10	100.0%	220.3	10	10	100.0%	220.3
Florida State College At Jacksonville	19	14	73.7%	214.5	21	17	81.0%	216.3
Florida Teachers Of Tomorrow	16	13	81.3%	218.8	16	13	81.3%	219.1
Hillsborough Community College	54	42	77.8%	217.6	55	45	81.8%	218.3
Indian River State College	15	12	80.0%	219.1	17	15	88.2%	220.9
Miami Dade College	10	7	70.0%	208.0	11	9	81.8%	211.2
Palm Beach State College	22	17	77.3%	219.3	24	18	75.0%	217.3
Pasco Hernando State College	26	25	96.2%	222.3	30	26	86.7%	217.3
Polk State College	57	41	71.9%	209.5	60	48	80.0%	211.9
Santa Fe College	1	1	100.0%	202.0	1	1	100.0%	202.0
Seminole State College	28	24	85.7%	216.5	31	26	83.9%	216.0
St. Johns River State College	23	20	87.0%	218.9	25	23	92.0%	220.6
St. Petersburg College	9	9	100.0%	224.0	10	10	100.0%	224.9
State College Of Florida, Manatee-Sarasota	22	18	81.8%	212.7	25	22	88.0%	212.4
University Of Florida	8	7	87.5%	224.3	8	7	87.5%	224.3
University Of West Florida	116	101	87.1%	221.2	119	109	91.6%	221.5
Valencia College	26	19	73.1%	220.3	30	25	83.3%	219.7
EPI Total	**514**	**422**	**82.1%**	**217.2**	**553**	**476**	**86.1%**	**217.5**

ENGLISH K-12 EXCEPTIONAL STUDENT EDUCATION	First Attempt				Best Attempt			
Professional Development Certification Programs (PDCP)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Alachua	4	4	100.0%	242.5	5	5	100.0%	235.8
Baker	1	0	0.0%	192.0	1	0	0.0%	192.0
Bay	19	15	78.9%	221.3	19	17	89.5%	222.7
Bradford	2	0	0.0%	187.5	2	1	50.0%	200.5
Brevard	17	16	94.1%	224.0	17	17	100.0%	224.6
Broward	17	13	76.5%	209.3	18	15	83.3%	211.7
Collier	7	5	71.4%	207.1	7	7	100.0%	211.7
Desoto	2	0	0.0%	184.5	2	0	0.0%	184.5
Duval	35	28	80.0%	219.5	37	33	89.2%	220.5
Escambia	22	18	81.8%	215.9	24	23	95.8%	216.0
Gadsden	1	0	0.0%	197.0	1	0	0.0%	197.0
Hillsborough	46	38	82.6%	214.4	50	42	84.0%	213.6
Indian River	5	2	40.0%	182.6	6	5	83.3%	193.0
Lake	3	2	66.7%	214.3	3	2	66.7%	214.3
Lee	10	6	60.0%	205.4	10	9	90.0%	211.7
Levy	1	1	100.0%	241.0	1	1	100.0%	241.0
Manatee	6	4	66.7%	208.2	7	6	85.7%	209.7
Marion	7	5	71.4%	207.1	7	7	100.0%	216.3
Miami-Dade	35	22	62.9%	205.1	37	29	78.4%	209.4
Orange	32	27	84.4%	214.8	34	32	94.1%	217.4
Palm Beach	13	10	76.9%	214.2	15	11	73.3%	212.8
Pasco	49	41	83.7%	213.9	50	45	90.0%	217.5
Pinellas	4	2	50.0%	198.0	5	3	60.0%	199.6

	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Polk	17	13	76.5%	215.5	17	17	100.0%	219.1
Putnam	1	0	0.0%	192.0	2	0	0.0%	193.5
Santa Rosa	46	44	95.7%	222.5	47	47	100.0%	224.0
Sumter	3	2	66.7%	196.0	3	2	66.7%	201.3
Union	2	0	0.0%	185.5	3	2	66.7%	200.7
PDCP Total	**407**	**318**	**78.1%**	**214.1**	**430**	**378**	**87.9%**	**216.0**

ENGLISH K-12 EXCEPTIONAL STUDENT EDUCATION	First Attempt				Best Attempt			
Private College/University	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Barry University					1	1	100.0%	209.0
Bethune-Cookman University	1	1	100.0%	230.0	2	2	100.0%	223.0
Flagler College	81	74	91.4%	221.6	86	84	97.7%	223.8
Florida Memorial University					1	0	0.0%	164.0
Lynn University	15	7	46.7%	201.5	16	12	75.0%	206.5
Nova Southeastern University	16	14	87.5%	220.0	18	17	94.4%	220.3
Palm Beach Atlantic University	1	1	100.0%	241.0	1	1	100.0%	241.0
Saint Leo University	32	26	81.3%	216.2	33	28	84.8%	215.6
Southeastern University	6	5	83.3%	233.0	8	8	100.0%	233.3
University Of Miami	23	19	82.6%	218.7	23	22	95.7%	220.7
Warner University	2	2	100.0%	217.5	2	2	100.0%	217.5
Private College/University Total	**177**	**149**	**84.2%**	**218.9**	**191**	**177**	**92.7%**	**220.3**

ENGLISH K-12 EXCEPTIONAL STUDENT EDUCATION	First Attempt				Best Attempt			
State College	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	172	142	82.6%	216.2	173	158	91.3%	218.3
Chipola College	6	6	100.0%	217.5	6	6	100.0%	217.5
Daytona State College	24	24	100.0%	224.5	24	24	100.0%	224.5
Indian River State College	27	25	92.6%	220.0	30	30	100.0%	220.2
Miami Dade College	155	114	73.5%	210.2	170	153	90.0%	212.3
St. Petersburg College	30	27	90.0%	225.8	34	32	94.1%	226.1
State College Total	**414**	**338**	**81.6%**	**215.4**	**437**	**403**	**92.2%**	**217.1**

ENGLISH K-12 EXCEPTIONAL STUDENT EDUCATION	First Attempt				Best Attempt			
State University	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Florida Atlantic University	28	25	89.3%	225.4	29	27	93.1%	226.7
Florida Gulf Coast University	42	32	76.2%	212.6	44	40	90.9%	214.8
Florida International University	27	25	92.6%	222.6	29	29	100.0%	223.9
Florida State University	33	33	100.0%	228.3	36	36	100.0%	228.8
University of Central Florida	26	25	96.2%	217.7	31	30	96.8%	218.0
University of Florida	93	93	100.0%	234.7	96	96	100.0%	234.7
University of North Florida	35	35	100.0%	226.0	36	35	97.2%	224.9
University of South Florida	82	76	92.7%	227.7	83	80	96.4%	228.7
University of West Florida	135	118	87.4%	217.1	141	133	94.3%	218.6
State University Total	**501**	**462**	**92.2%**	**223.9**	**525**	**506**	**96.4%**	**224.7**

ENGLISH K-12 EXCEPTIONAL STUDENT EDUCATION	First Attempt				Best Attempt			
Statewide	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Program Total	2,013	1,689	83.9%	218.0	2,136	1,940	90.8%	219.1
Non-Program Total	8,010	5,701	71.2%	211.1	8,666	6,686	77.2%	212.5
Grand Total	**10,023**	**7,390**	**73.7%**	**212.5**	**10,802**	**8,626**	**79.9%**	**213.8**

MATHEMATICS 6-12	First Attempt				Best Attempt			
Educator Preparation Institute (EPI)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	7	4	57.1%	206.6	8	5	62.5%	204.3
Daytona State College	6	3	50.0%	207.0	7	4	57.1%	214.0
Eastern Florida State College	2	1	50.0%	191.5	2	1	50.0%	191.5
Florida Gateway College	3	1	33.3%	198.0	4	2	50.0%	207.0
Florida Gulf Coast University	3	1	33.3%	194.7	4	2	50.0%	196.8
Florida State College At Jacksonville	4	2	50.0%	183.3	7	4	57.1%	189.6
Florida Teachers Of Tomorrow	6	3	50.0%	203.3	8	5	62.5%	208.4
Hillsborough Community College	10	8	80.0%	207.1	12	9	75.0%	206.1
Indian River State College	5	2	40.0%	192.2	7	5	71.4%	199.3
Miami Dade College	5	2	40.0%	188.6	9	3	33.3%	191.6
Palm Beach State College	11	9	81.8%	222.9	14	11	78.6%	216.6
Pasco Hernando State College	7	3	42.9%	207.7	8	3	37.5%	200.9
Polk State College	11	6	54.5%	203.0	16	8	50.0%	199.2
Santa Fe College	2	0	0.0%	161.0	6	3	50.0%	200.7
Seminole State College	6	4	66.7%	211.5	9	4	44.4%	205.2
St. Johns River State College	9	7	77.8%	206.7	10	8	80.0%	206.5
St. Petersburg College	2	1	50.0%	184.5	2	1	50.0%	184.5
State College Of Florida, Manatee-Sarasota	1	1	100.0%	225.0	3	2	66.7%	207.7

	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
University Of Florida	8	5	62.5%	208.8	8	5	62.5%	208.8
University Of West Florida	49	38	77.6%	225.7	57	49	86.0%	226.5
Valencia College	21	10	47.6%	201.0	24	14	58.3%	202.8
EPI Total	**178**	**111**	**62.4%**	**209.6**	**225**	**148**	**65.8%**	**209.3**

MATHEMATICS 6-12	First Attempt				Best Attempt			
Professional Development Certification Programs (PDCP)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Alachua	2	2	100.0%	232.5	2	2	100.0%	232.5
Bay	5	2	40.0%	186.4	7	5	71.4%	207.4
Brevard	7	3	42.9%	177.0	8	4	50.0%	182.6
Broward	17	14	82.4%	214.7	19	16	84.2%	213.7
Collier	3	1	33.3%	182.7	3	2	66.7%	198.3
Desoto	1	0	0.0%	177.0	1	0	0.0%	177.0
Duval	11	7	63.6%	214.7	14	7	50.0%	205.5
Escambia	5	5	100.0%	221.4	7	6	85.7%	211.4
Gadsden	1	1	100.0%	210.0	1	1	100.0%	210.0
Gilchrist	1	1	100.0%	210.0	1	1	100.0%	210.0
Hillsborough	15	12	80.0%	206.5	20	17	85.0%	207.2
Lake	3	2	66.7%	193.3	3	2	66.7%	203.0
Lee	1	0	0.0%	174.0	2	0	0.0%	187.5
Levy					1	0	0.0%	177.0
Manatee	2	2	100.0%	228.5	3	3	100.0%	220.0
Miami-Dade	14	9	64.3%	206.6	17	13	76.5%	208.5
Okaloosa	1	0	0.0%	172.0	1	0	0.0%	172.0
Orange	25	16	64.0%	202.8	27	19	70.4%	205.7
Palm Beach	7	5	71.4%	219.7	11	6	54.5%	204.6
Pasco	23	11	47.8%	199.1	23	12	52.2%	202.0

	First Attempt				Best Attempt			
	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Pinellas	10	5	50.0%	205.9	12	10	83.3%	210.8
Polk	6	2	33.3%	194.3	9	3	33.3%	197.9
Santa Rosa	9	5	55.6%	195.1	9	5	55.6%	197.7
Sumter	2	0	0.0%	164.0	2	1	50.0%	176.0
PDCP Total	**171**	**105**	**61.4%**	**203.3**	**203**	**135**	**66.5%**	**204.7**

MATHEMATICS 6-12	First Attempt				Best Attempt			
Private College/University	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Flagler College	3	1	33.3%	186.0	3	3	100.0%	205.3
Florida Institute Of Technology	7	7	100.0%	220.4	7	7	100.0%	220.4
Florida Memorial University	1	0	0.0%	184.0	1	0	0.0%	184.0
Florida Southern College	5	4	80.0%	216.8	5	4	80.0%	216.8
Nova Southeastern University	1	0	0.0%	153.0	2	1	50.0%	200.0
Rollins College	1	1	100.0%	239.0	1	1	100.0%	239.0
Southeastern University	2	2	100.0%	207.0	3	3	100.0%	207.3
University of Tampa	6	3	50.0%	192.7	6	4	66.7%	206.0
Private College/University Total	**26**	**18**	**69.2%**	**205.0**	**28**	**23**	**82.1%**	**211.6**

MATHEMATICS 6-12	First Attempt				Best Attempt			
State College	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Broward College	11	7	63.6%	196.8	13	9	69.2%	198.0
Chipola College	7	6	85.7%	222.4	7	6	85.7%	222.4
Daytona State College	7	4	57.1%	216.9	9	8	88.9%	220.4
Indian River State College	8	4	50.0%	211.9	9	8	88.9%	214.9
Miami Dade College	15	8	53.3%	195.7	19	16	84.2%	206.1
St. Petersburg College	13	7	53.8%	206.1	16	13	81.3%	213.7
State College Total	**61**	**36**	**59.0%**	**205.7**	**73**	**60**	**82.2%**	**210.7**

MATHEMATICS 6-12	First Attempt				Best Attempt			
State University	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Florida A&M University	1	0	0.0%	195.0	2	1	50.0%	197.0
Florida Atlantic University	9	7	77.8%	215.7	11	11	100.0%	221.0
Florida Gulf Coast University	12	9	75.0%	217.3	12	12	100.0%	222.8
Florida International University	9	8	88.9%	229.9	11	9	81.8%	226.2
Florida State University	15	14	93.3%	222.3	19	18	94.7%	224.6
University of Central Florida	45	34	75.6%	215.9	47	42	89.4%	219.5
University of North Florida	6	5	83.3%	213.0	8	6	75.0%	207.8
University of South Florida	30	25	83.3%	215.4	34	31	91.2%	216.7
University of West Florida	4	3	75.0%	227.8	4	3	75.0%	227.8
State University Total	**131**	**105**	**80.2%**	**217.7**	**148**	**133**	**89.9%**	**219.7**

MATHEMATICS 6-12	First Attempt				Best Attempt			
Statewide	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Program Total	567	375	66.1%	209.0	677	499	73.7%	210.5
Non-Program Total	1,732	789	45.6%	194.9	2,050	1,088	53.1%	198.6
Grand Total	**2,299**	**1,164**	**50.6%**	**198.3**	**2,727**	**1,587**	**58.2%**	**201.5**

PK-3 SUBTEST 1: DEVELOPMENTAL KNOWLEDGE	First Attempt				Best Attempt			
Educator Preparation Institute (EPI)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	22	15	68.2%	207.6	22	20	90.9%	215.2
Daytona State College	1	1	100.0%	216.0	1	1	100.0%	216.0
Eastern Florida State College	1	1	100.0%	245.0	1	1	100.0%	245.0
Florida Gateway College	6	6	100.0%	230.0	7	7	100.0%	227.1
Florida Gulf Coast University	6	5	83.3%	224.2	6	6	100.0%	231.2
Florida State College At Jacksonville	1	1	100.0%	246.0	2	1	50.0%	221.5

Florida Teachers Of Tomorrow	13	10	76.9%	207.1	14	13	92.9%	211.3
Hillsborough Community College	18	12	66.7%	215.3	21	17	81.0%	217.9
Indian River State College	3	2	66.7%	203.0	3	3	100.0%	220.7
Miami Dade College	7	7	100.0%	220.7	8	7	87.5%	217.8
Palm Beach State College	12	5	41.7%	201.1	14	10	71.4%	211.2
Pasco Hernando State College	4	3	75.0%	211.5	5	3	60.0%	208.6
Polk State College	20	11	55.0%	196.4	26	18	69.2%	200.8
Santa Fe College	1	1	100.0%	243.0	1	1	100.0%	243.0
Seminole State College	18	14	77.8%	210.6	19	16	84.2%	215.4
St. Johns River State College	8	6	75.0%	212.9	9	9	100.0%	218.8
St. Petersburg College	1	1	100.0%	223.0	2	2	100.0%	211.5
State College Of Florida, Manatee-Sarasota	3	3	100.0%	218.7	4	4	100.0%	220.5
University Of Florida	1	1	100.0%	207.0	1	1	100.0%	207.0
University Of West Florida	59	54	91.5%	227.5	59	56	94.9%	228.7
Valencia College	10	7	70.0%	205.0	12	11	91.7%	209.8
EPI Total	**215**	**166**	**77.2%**	**214.9**	**237**	**207**	**87.3%**	**217.7**

PK-3 SUBTEST 1: DEVELOPMENTAL KNOWLEDGE	First Attempt				Best Attempt			
Professional Development Certification Programs (PDCP)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Baker	1	1	100.0%	236.0	1	1	100.0%	236.0
Bay	14	10	71.4%	206.9	15	14	93.3%	212.2
Bradford	1	1	100.0%	200.0	1	1	100.0%	200.0
Brevard	12	11	91.7%	226.1	12	11	91.7%	226.1
Broward	18	15	83.3%	218.0	21	20	95.2%	218.9
Collier	9	6	66.7%	214.2	11	11	100.0%	219.9
Duval	17	15	88.2%	217.4	18	16	88.9%	217.2
Escambia	5	5	100.0%	228.2	7	7	100.0%	225.3
Gadsden	6	3	50.0%	194.0	6	3	50.0%	194.0
Gilchrist	1	0	0.0%	193.0	1	1	100.0%	210.0
Hillsborough	18	15	83.3%	221.2	19	16	84.2%	221.7
Indian River	2	2	100.0%	210.0	2	2	100.0%	210.0
Lake	1	1	100.0%	213.0	1	1	100.0%	213.0
Lee	5	4	80.0%	222.2	6	6	100.0%	223.5
Levy	2	2	100.0%	230.0	2	2	100.0%	230.0
Manatee	2	1	50.0%	213.5	2	2	100.0%	230.0
Marion	3	3	100.0%	213.3	4	4	100.0%	214.0
Miami-Dade	16	8	50.0%	202.8	18	16	88.9%	208.5
Okaloosa	1	1	100.0%	243.0	1	1	100.0%	243.0
Orange	20	13	65.0%	206.5	22	19	86.4%	214.6
Palm Beach	7	6	85.7%	216.6	7	6	85.7%	216.6
Pasco	12	10	83.3%	217.6	13	12	92.3%	219.5
Polk	4	3	75.0%	213.0	6	5	83.3%	212.0

	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Putnam	1	1	100.0%	223.0	1	1	100.0%	223.0
Santa Rosa	9	9	100.0%	236.9	9	9	100.0%	236.9
Sumter	1	1	100.0%	253.0	1	1	100.0%	253.0
Suwannee	2	2	100.0%	203.5	2	2	100.0%	203.5
Union	1	1	100.0%	226.0	1	1	100.0%	226.0
PDCP Total	**191**	**150**	**78.5%**	**215.6**	**210**	**191**	**91.0%**	**218.0**

PK-3 SUBTEST 1: DEVELOPMENTAL KNOWLEDGE	First Attempt				Best Attempt			
Private College/University	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Barry University	2	2	100.0%	205.0	2	2	100.0%	205.0
Nova Southeastern University	9	7	77.8%	219.3	9	7	77.8%	219.3
Southeastern University	1	1	100.0%	220.0	1	1	100.0%	220.0
Private College/University Total	**12**	**10**	**83.3%**	**217.0**	**12**	**10**	**83.3%**	**217.0**

PK-3 SUBTEST 1: DEVELOPMENTAL KNOWLEDGE	First Attempt				Best Attempt			
State College	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
College Of Central Florida	48	46	95.8%	231.3	48	47	97.9%	232.3
Florida State College At Jacksonville	92	84	91.3%	223.1	104	99	95.2%	222.7
Miami Dade College	107	105	98.1%	223.9	107	107	100.0%	224.3
Polk State College	4	4	100.0%	234.5	4	4	100.0%	234.5
St. Johns River State College	52	49	94.2%	224.4	56	54	96.4%	224.4
St. Petersburg College	2	2	100.0%	226.0	2	2	100.0%	226.0
State College Total	**305**	**290**	**95.1%**	**225.1**	**321**	**313**	**97.5%**	**225.1**

PK-3 SUBTEST 1: DEVELOPMENTAL KNOWLEDGE	First Attempt				Best Attempt			
State University	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Florida A&M University	2	2	100.0%	221.5	2	2	100.0%	221.5
Florida Gulf Coast University	17	13	76.5%	211.5	19	18	94.7%	216.4
Florida International University	37	33	89.2%	218.9	41	39	95.1%	218.7
Florida State University	11	10	90.9%	241.0	12	12	100.0%	240.8
University of Central Florida	97	95	97.9%	231.7	99	98	99.0%	232.3
University of Florida	40	40	100.0%	241.5	40	40	100.0%	241.5
University of North Florida	17	16	94.1%	225.9	17	16	94.1%	225.9
University of South Florida	70	68	97.1%	234.2	70	69	98.6%	234.3
State University Total	**291**	**277**	**95.2%**	**230.8**	**300**	**294**	**98.0%**	**231.0**

PK-3 SUBTEST 1: DEVELOPMENTAL KNOWLEDGE	First Attempt				Best Attempt			
Statewide	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Program Total	1,014	893	88.1%	222.7	1,080	1,015	94.0%	223.7
Non-Program Total	4,241	2,823	66.6%	208.4	4,520	3,517	77.8%	211.7
Grand Total	**5,255**	**3,716**	**70.7%**	**211.2**	**5,600**	**4,532**	**80.9%**	**214.0**

PK-3 SUBTEST 2: LANGUAGE ARTS AND READING	First Attempt				Best Attempt			
Educator Preparation Institute (EPI)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	22	10	45.5%	198.5	24	19	79.2%	206.0
Daytona State College	1	1	100.0%	240.0	1	1	100.0%	240.0
Eastern Florida State College	1	1	100.0%	227.0	1	1	100.0%	227.0
Florida Gateway College	6	3	50.0%	202.5	8	7	87.5%	213.5
Florida Gulf Coast University	6	5	83.3%	209.5	6	6	100.0%	211.0
Florida State College At Jacksonville	1	1	100.0%	224.0	3	2	66.7%	200.7

	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Florida Teachers Of Tomorrow	13	7	53.8%	198.5	16	15	93.8%	210.8
Hillsborough Community College	18	12	66.7%	202.7	25	17	68.0%	201.4
Indian River State College	3	2	66.7%	220.3	4	4	100.0%	220.5
Miami Dade College	7	3	42.9%	197.0	8	6	75.0%	206.1
Palm Beach State College	12	4	33.3%	187.3	16	9	56.3%	195.0
Pasco Hernando State College	4	2	50.0%	199.3	5	2	40.0%	195.2
Polk State College	20	9	45.0%	187.8	29	14	48.3%	188.7
Santa Fe College	1	1	100.0%	240.0	1	1	100.0%	240.0
Seminole State College	18	13	72.2%	201.2	20	16	80.0%	205.4
St. Johns River State College	8	4	50.0%	198.5	9	8	88.9%	207.7
St. Petersburg College	1	0	0.0%	188.0	1	1	100.0%	212.0
State College of Florida, Manatee-Sarasota	3	2	66.7%	199.0	4	4	100.0%	209.8
University of Florida	1	0	0.0%	179.0	1	0	0.0%	179.0
University of West Florida	59	48	81.4%	212.7	60	57	95.0%	216.2
Valencia College	10	5	50.0%	191.2	12	10	83.3%	206.0
EPI Total	**215**	**133**	**61.9%**	**202.2**	**254**	**200**	**78.7%**	**206.2**

PK-3 SUBTEST 2: LANGUAGE ARTS AND READING	First Attempt				Best Attempt			
Professional Development Certification Programs (PDCP)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Baker	1	1	100.0%	203.0	1	1	100.0%	203.0
Bay	14	4	28.6%	191.7	17	13	76.5%	201.4
Bradford	1	0	0.0%	184.0	1	0	0.0%	184.0
Brevard	12	5	41.7%	197.2	12	10	83.3%	204.4
Broward	18	14	77.8%	211.3	21	19	90.5%	211.2
Collier	9	7	77.8%	204.0	11	11	100.0%	208.7
Duval	17	8	47.1%	198.0	19	14	73.7%	205.2

Escambia	5	5	100.0%	213.8	7	7	100.0%	210.7
Gadsden	6	1	16.7%	187.7	7	3	42.9%	190.7
Gilchrist	1	0	0.0%	188.0	1	1	100.0%	209.0
Hillsborough	18	12	66.7%	205.5	22	18	81.8%	208.6
Indian River	2	2	100.0%	213.5	2	2	100.0%	213.5
Lake	1	1	100.0%	200.0	1	1	100.0%	200.0
Lee	5	4	80.0%	198.4	6	6	100.0%	209.3
Levy	2	1	50.0%	203.0	2	2	100.0%	218.0
Manatee	2	1	50.0%	206.5	2	1	50.0%	220.0
Marion	3	2	66.7%	192.0	4	4	100.0%	206.0
Miami-Dade	16	10	62.5%	199.7	17	15	88.2%	209.6
Okaloosa	1	1	100.0%	209.0	1	1	100.0%	209.0
Orange	20	9	45.0%	194.9	23	18	78.3%	202.5
Palm Beach	7	1	14.3%	189.3	7	6	85.7%	209.0
Pasco	12	8	66.7%	200.5	13	12	92.3%	206.5
Polk	4	2	50.0%	207.0	6	5	83.3%	212.2
Putnam	1	0	0.0%	194.0	2	2	100.0%	221.0
Santa Rosa	9	7	77.8%	212.2	9	9	100.0%	217.2
Sumter	1	1	100.0%	227.0	1	1	100.0%	227.0
Suwannee	2	1	50.0%	189.5	2	1	50.0%	189.5
Union	1	0	0.0%	191.0	1	1	100.0%	203.0
PDCP Total	**191**	**108**	**56.5%**	**200.5**	**218**	**184**	**84.4%**	**207.1**

PK-3 SUBTEST 2: LANGUAGE ARTS AND READING	First Attempt				Best Attempt			
Private College/University	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Barry University	2	2	100.0%	209.0	2	2	100.0%	209.0
Nova Southeastern University	9	3	33.3%	188.6	10	6	60.0%	200.9
Southeastern University	1	1	100.0%	206.0	1	1	100.0%	206.0
Private College/University Total	**12**	**6**	**50.0%**	**193.4**	**13**	**9**	**69.2%**	**202.5**

PK-3 SUBTEST 2: LANGUAGE ARTS AND READING	First Attempt				Best Attempt			
State College	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
College Of Central Florida	48	40	83.3%	213.6	48	47	97.9%	216.1
Florida State College At Jacksonville	92	58	63.0%	202.9	110	97	88.2%	209.2
Miami Dade College	107	84	78.5%	209.1	113	111	98.2%	215.7
Polk State College	4	2	50.0%	198.5	4	4	100.0%	214.3
St. Johns River State College	52	38	73.1%	210.9	55	53	96.4%	214.8
St. Petersburg College	2	2	100.0%	215.0	2	2	100.0%	215.0
State College Total	**305**	**224**	**73.4%**	**208.2**	**332**	**314**	**94.6%**	**213.4**

PK-3 SUBTEST 2: LANGUAGE ARTS AND READING	First Attempt				Best Attempt			
State University	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Florida A&M University	2	2	100.0%	219.5	2	2	100.0%	219.5
Florida Gulf Coast University	17	12	70.6%	206.2	20	19	95.0%	211.0
Florida International University	37	28	75.7%	211.1	42	35	83.3%	212.5
Florida State University	11	11	100.0%	221.5	14	14	100.0%	221.1
University of Central Florida	97	78	80.4%	215.1	102	97	95.1%	218.7
University of Florida	40	40	100.0%	229.3	40	40	100.0%	229.3
University of North Florida	17	13	76.5%	209.1	21	19	90.5%	213.0

University of South Florida	70	59	84.3%	218.5	71	69	97.2%	220.5
State University Total	**291**	**243**	**83.5%**	**216.8**	**312**	**295**	**94.6%**	**218.9**
PK-3 SUBTEST 2: LANGUAGE ARTS AND READING	**First Attempt**				**Best Attempt**			
Statewide	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Program Total	1,014	714	70.4%	207.8	1,129	1,002	88.8%	212.0
Non-Program Total	4,241	1,903	44.9%	192.7	4,694	3,071	65.4%	199.5
Grand Total	**5,255**	**2,617**	**49.8%**	**195.6**	**5,823**	**4,073**	**69.9%**	**201.9**

PK-3 SUBTEST 3: MATHEMATICS	First Attempt				Best Attempt			
Educator Preparation Institute (EPI)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	22	15	68.2%	206.8	23	19	82.6%	213.3
Daytona State College	1	1	100.0%	255.0	1	1	100.0%	255.0
Eastern Florida State College	1	1	100.0%	235.0	1	1	100.0%	235.0
Florida Gateway College	6	5	83.3%	219.0	7	7	100.0%	225.9
Florida Gulf Coast University	6	6	100.0%	229.2	6	6	100.0%	229.2
Florida State College At Jacksonville	1	0	0.0%	180.0	2	0	0.0%	165.0
Florida Teachers Of Tomorrow	13	10	76.9%	210.3	15	14	93.3%	217.5
Hillsborough Community College	18	14	77.8%	207.4	22	18	81.8%	209.3
Indian River State College	3	2	66.7%	211.7	4	4	100.0%	223.5
Miami Dade College	7	4	57.1%	201.0	8	6	75.0%	209.6
Palm Beach State College	12	7	58.3%	200.8	15	9	60.0%	199.1
Pasco Hernando State College	4	3	75.0%	218.8	5	3	60.0%	204.8
Polk State College	20	10	50.0%	190.7	26	15	57.7%	193.7
Santa Fe College	1	1	100.0%	263.0	1	1	100.0%	263.0
Seminole State College	18	12	66.7%	209.2	18	14	77.8%	214.1
St. Johns River State College	8	5	62.5%	201.6	8	7	87.5%	208.5
St. Petersburg College	1	1	100.0%	227.0	1	1	100.0%	227.0
State College of Florida, Manatee-Sarasota	3	3	100.0%	222.0	4	3	75.0%	213.5
University of Florida	1	0	0.0%	177.0	1	0	0.0%	177.0
University of West Florida	59	52	88.1%	228.4	61	58	95.1%	229.3
Valencia College	10	6	60.0%	204.7	11	9	81.8%	215.6
EPI Total	**215**	**158**	**73.5%**	**212.8**	**240**	**196**	**81.7%**	**214.9**

PK-3 SUBTEST 3: MATHEMATICS	First Attempt				Best Attempt			
Professional Development Certification Programs (PDCP)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Baker	1	1	100.0%	235.0	1	1	100.0%	235.0
Bay	14	11	78.6%	214.8	16	14	87.5%	216.4
Bradford	1	1	100.0%	200.0	1	1	100.0%	200.0
Brevard	12	12	100.0%	228.4	12	12	100.0%	228.4
Broward	18	14	77.8%	222.5	19	17	89.5%	224.5
Collier	9	9	100.0%	222.7	10	10	100.0%	222.0
Duval	17	10	58.8%	211.7	18	14	77.8%	216.2
Escambia	5	4	80.0%	222.0	5	5	100.0%	227.6
Gadsden	6	2	33.3%	195.0	7	4	57.1%	198.6
Gilchrist	1	0	0.0%	188.0	1	1	100.0%	212.0
Hillsborough	18	14	77.8%	222.6	20	17	85.0%	222.7
Indian River	2	1	50.0%	205.5	2	2	100.0%	225.0
Lake	1	1	100.0%	220.0	1	1	100.0%	220.0
Lee	5	4	80.0%	211.2	5	5	100.0%	216.0
Levy	2	2	100.0%	214.0	2	2	100.0%	214.0
Manatee	2	1	50.0%	206.0	2	1	50.0%	223.5
Marion	3	3	100.0%	217.0	4	4	100.0%	213.8
Miami-Dade	16	13	81.3%	218.3	17	16	94.1%	220.2
Okaloosa	1	1	100.0%	247.0	1	1	100.0%	247.0
Orange	20	14	70.0%	208.9	20	15	75.0%	210.3
Palm Beach	7	5	71.4%	206.3	7	6	85.7%	208.6
Pasco	12	9	75.0%	213.7	13	13	100.0%	221.9
Polk	4	2	50.0%	199.0	6	5	83.3%	211.7
Putnam	1	1	100.0%	216.0	2	2	100.0%	218.0

	First Attempt				Best Attempt			
	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Santa Rosa	9	9	100.0%	227.1	9	9	100.0%	227.1
Sumter	1	1	100.0%	235.0	1	1	100.0%	235.0
Suwannee	2	2	100.0%	206.0	2	2	100.0%	206.0
Union	1	0	0.0%	188.0	1	1	100.0%	208.0
PDCP Total	**191**	**147**	**77.0%**	**216.0**	**205**	**182**	**88.8%**	**218.7**

PK-3 SUBTEST 3: MATHEMATICS	First Attempt				Best Attempt			
Private College/University	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Barry University	2	1	50.0%	194.0	3	3	100.0%	223.7
Nova Southeastern University	9	4	44.4%	193.4	10	7	70.0%	203.9
Southeastern University	1	1	100.0%	208.0	1	1	100.0%	208.0
Private College/University Total	**12**	**6**	**50.0%**	**194.8**	**14**	**11**	**78.6%**	**208.4**

PK-3 SUBTEST 3: MATHEMATICS	First Attempt				Best Attempt			
State College	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
College Of Central Florida	48	45	93.8%	227.2	48	48	100.0%	228.1
Florida State College At Jacksonville	92	74	80.4%	218.5	104	96	92.3%	222.0
Miami Dade College	107	83	77.6%	216.7	113	112	99.1%	224.4
Polk State College	4	3	75.0%	217.5	4	4	100.0%	225.3
St. Johns River State College	52	47	90.4%	225.9	54	53	98.1%	228.1
St. Petersburg College	2	2	100.0%	235.5	2	2	100.0%	235.5
State College Total	**305**	**254**	**83.3%**	**220.6**	**325**	**315**	**96.9%**	**224.9**

PK-3 SUBTEST 3: MATHEMATICS	First Attempt				Best Attempt			
State University	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Florida A&M University	2	2	100.0%	214.0	2	2	100.0%	214.0
Florida Gulf Coast University	17	14	82.4%	216.7	17	16	94.1%	220.2
Florida International University	37	31	83.8%	217.4	42	38	90.5%	218.6
Florida State University	11	11	100.0%	243.7	12	12	100.0%	244.0
University of Central Florida	97	89	91.8%	227.4	100	96	96.0%	229.3
University of Florida	40	40	100.0%	237.5	40	40	100.0%	237.5
University of North Florida	17	14	82.4%	221.2	17	16	94.1%	224.6
University of South Florida	70	66	94.3%	229.3	71	69	97.2%	230.1
State University Total	**291**	**267**	**91.8%**	**227.5**	**301**	**289**	**96.0%**	**228.8**

PK-3 SUBTEST 3: MATHEMATICS	First Attempt				Best Attempt			
Statewide	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Program Total	1,014	832	82.1%	219.8	1,085	993	91.5%	222.4
Non-Program Total	4,240	2,447	57.7%	202.7	4,585	3,264	71.2%	207.5
Grand Total	**5,254**	**3,279**	**62.4%**	**206.0**	**5,670**	**4,257**	**75.1%**	**210.3**

PK-3 SUBTEST 4: SCIENCE	First Attempt				Best Attempt			
Educator Preparation Institute (EPI)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	22	15	68.2%	216.2	22	21	95.5%	229.1
Daytona State College	1	1	100.0%	254.0	2	2	100.0%	229.0
Eastern Florida State College	1	1	100.0%	258.0	1	1	100.0%	258.0
Florida Gateway College	6	5	83.3%	218.0	6	6	100.0%	224.2
Florida Gulf Coast University	6	5	83.3%	237.7	6	6	100.0%	244.0
Florida State College At Jacksonville	1	1	100.0%	225.0	2	1	50.0%	194.0
Florida Teachers Of Tomorrow	13	13	100.0%	227.0	15	15	100.0%	224.2
Hillsborough Community College	18	14	77.8%	213.9	21	17	81.0%	214.8
Indian River State College	3	2	66.7%	212.7	3	3	100.0%	226.7
Miami Dade College	7	5	71.4%	215.1	8	7	87.5%	219.4
Palm Beach State College	12	8	66.7%	209.8	14	12	85.7%	213.2
Pasco Hernando State College	4	4	100.0%	234.8	5	4	80.0%	220.4
Polk State College	20	13	65.0%	198.0	25	16	64.0%	200.0
Santa Fe College	1	1	100.0%	254.0	1	1	100.0%	254.0
Seminole State College	18	13	72.2%	218.2	19	17	89.5%	221.5
St. Johns River State College	8	6	75.0%	211.9	8	7	87.5%	217.1
St. Petersburg College	1	1	100.0%	246.0	1	1	100.0%	246.0
State College of Florida, Manatee-Sarasota	3	3	100.0%	221.0	4	4	100.0%	223.0
University of Florida	1	0	0.0%	183.0	1	0	0.0%	183.0
University of West Florida	59	54	91.5%	233.2	60	57	95.0%	233.3
Valencia College	10	8	80.0%	210.4	10	9	90.0%	217.1
EPI Total	**215**	**173**	**80.5%**	**220.6**	**234**	**207**	**88.5%**	**222.4**

PK-3 SUBTEST 4: SCIENCE	First Attempt				Best Attempt			
Professional Development Certification Programs (PDCP)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Baker	1	1	100.0%	233.0	1	1	100.0%	233.0
Bay	14	12	85.7%	227.5	14	12	85.7%	227.5
Bradford	1	1	100.0%	204.0	1	1	100.0%	204.0
Brevard	12	11	91.7%	227.6	12	11	91.7%	227.6
Broward	18	17	94.4%	231.2	20	20	100.0%	229.9
Collier	9	9	100.0%	234.4	9	9	100.0%	234.4
Duval	17	14	82.4%	221.5	18	17	94.4%	225.2
Escambia	5	5	100.0%	228.2	5	5	100.0%	228.2
Gadsden	6	3	50.0%	203.7	6	3	50.0%	203.7
Gilchrist	1	1	100.0%	213.0	1	1	100.0%	213.0
Hillsborough	18	15	83.3%	225.9	18	15	83.3%	225.9
Indian River	2	2	100.0%	227.0	2	2	100.0%	227.0
Lake	1	0	0.0%	183.0	1	1	100.0%	213.0
Lee	5	4	80.0%	211.6	5	5	100.0%	216.6
Levy	2	2	100.0%	239.5	2	2	100.0%	239.5
Manatee	2	1	50.0%	221.0	2	2	100.0%	237.5
Marion	3	3	100.0%	225.0	3	3	100.0%	225.0
Miami-Dade	16	15	93.8%	222.7	17	17	100.0%	223.1
Okaloosa	1	1	100.0%	250.0	1	1	100.0%	250.0
Orange	20	17	85.0%	219.3	20	18	90.0%	219.5
Palm Beach	7	5	71.4%	216.6	7	6	85.7%	221.4
Pasco	12	11	91.7%	225.8	14	13	92.9%	223.9
Polk	4	3	75.0%	226.3	5	4	80.0%	221.0
Putnam	1	1	100.0%	229.0	2	2	100.0%	225.0

	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Santa Rosa	9	9	100.0%	235.1	9	9	100.0%	235.1
Sumter	1	1	100.0%	267.0	1	1	100.0%	267.0
Suwannee	2	1	50.0%	192.0	2	1	50.0%	192.0
Union	1	1	100.0%	229.0	1	1	100.0%	229.0
PDCP Total	**191**	**166**	**86.9%**	**224.5**	**199**	**183**	**92.0%**	**225.1**

PK-3 SUBTEST 4: SCIENCE	First Attempt				Best Attempt			
Private College/University	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Barry University	2	2	100.0%	212.5	3	3	100.0%	218.0
Nova Southeastern University	9	5	55.6%	207.0	10	7	70.0%	209.3
Southeastern University	1	1	100.0%	213.0	1	1	100.0%	213.0
Private College/University Total	**12**	**8**	**66.7%**	**208.4**	**14**	**11**	**78.6%**	**211.4**

PK-3 SUBTEST 4: SCIENCE	First Attempt				Best Attempt			
State College	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
College Of Central Florida	48	45	93.8%	229.0	48	48	100.0%	230.4
Florida State College At Jacksonville	92	77	83.7%	223.4	102	97	95.1%	224.1
Miami Dade College	107	98	91.6%	227.8	111	110	99.1%	232.0
Polk State College	4	4	100.0%	241.8	4	4	100.0%	241.8
St. Johns River State College	52	44	84.6%	227.1	55	54	98.2%	230.2
St. Petersburg College	2	2	100.0%	242.0	2	2	100.0%	242.0
State College Total	**305**	**270**	**88.5%**	**226.8**	**322**	**315**	**97.8%**	**229.1**

PK-3 SUBTEST 4: SCIENCE	First Attempt				Best Attempt			
State University	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Florida A&M University	2	2	100.0%	227.0	3	3	100.0%	223.7
Florida Gulf Coast University	17	16	94.1%	221.1	18	17	94.4%	220.2
Florida International University	37	32	86.5%	223.6	40	37	92.5%	223.9
Florida State University	11	10	90.9%	240.1	11	11	100.0%	242.7
University of Central Florida	97	91	93.8%	229.1	101	99	98.0%	230.3
University of Florida	40	40	100.0%	240.0	40	40	100.0%	240.0
University of North Florida	17	15	88.2%	226.8	17	17	100.0%	229.2
University of South Florida	70	62	88.6%	229.9	70	68	97.1%	232.7
State University Total	**291**	**268**	**92.1%**	**229.9**	**300**	**292**	**97.3%**	**231.0**

PK-3 SUBTEST 4: SCIENCE	First Attempt				Best Attempt			
Statewide	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Program Total	1,014	885	87.3%	225.7	1,069	1,008	94.3%	227.2
Non-Program Total	4,240	2,891	68.2%	210.6	4,483	3,482	77.7%	213.6
Grand Total	**5,254**	**3,776**	**71.9%**	**213.5**	**5,552**	**4,490**	**80.9%**	**216.2**

PROFESSIONAL EDUCATION TEST	First Attempt				Best Attempt			
Educator Preparation Institute (EPI)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	151	116	76.8%	210.6	168	146	86.9%	211.9
Daytona State College	49	43	87.8%	215.0	53	47	88.7%	214.8
Eastern Florida State College					1	1	100.0%	207.0
Florida Gateway College	57	46	80.7%	212.7	61	56	91.8%	212.8
Florida Gulf Coast University	50	47	94.0%	218.6	54	53	98.1%	219.0
Florida State College at Jacksonville	14	13	92.9%	217.5	18	17	94.4%	215.5
Florida Teachers of Tomorrow	110	88	80.0%	214.7	112	101	90.2%	216.8

Hillsborough Community College	203	175	86.2%	217.4	211	198	93.8%	218.1
Indian River State College	47	40	85.1%	218.9	55	50	90.9%	219.1
Miami Dade College	34	23	67.6%	208.5	41	35	85.4%	209.3
Palm Beach State College	129	105	81.4%	212.9	141	130	92.2%	213.6
Pasco Hernando State College	62	52	83.9%	213.1	67	60	89.6%	213.6
Polk State College	245	188	76.7%	212.1	258	233	90.3%	214.6
Saint Leo University	2	2	100.0%	216.5	2	2	100.0%	216.5
Santa Fe College	35	32	91.4%	218.5	35	34	97.1%	219.8
Seminole State College	187	158	84.5%	216.4	201	188	93.5%	217.1
St. Johns River State College	109	95	87.2%	216.3	119	115	96.6%	217.3
St. Petersburg College	33	31	93.9%	223.9	34	33	97.1%	223.8
State College of Florida, Manatee-Sarasota	92	88	95.7%	222.6	100	97	97.0%	222.0
University of Arizona Global Campus	3	3	100.0%	227.0	3	3	100.0%	227.0
University of Florida	71	70	98.6%	226.2	72	72	100.0%	226.0
University of West Florida	1,022	943	92.3%	220.6	1,056	1,040	98.5%	221.4
Valencia College	279	239	85.7%	217.2	291	270	92.8%	218.1
EPI Total	**2,984**	**2,597**	**87.0%**	**217.5**	**3,153**	**2,981**	**94.5%**	**218.3**

PROFESSIONAL EDUCATION TEST	First Attempt				Best Attempt			
Professional Development Certification Programs (PDCP)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Alachua	28	26	92.9%	220.5	28	27	96.4%	221.2
Baker	11	9	81.8%	215.8	12	11	91.7%	217.3
Bay	59	50	84.7%	217.7	61	57	93.4%	219.1
Bradford	11	10	90.9%	217.6	11	11	100.0%	218.8
Brevard	66	55	83.3%	216.4	68	64	94.1%	218.6
Broward	220	174	79.1%	212.9	230	216	93.9%	215.0
Collier	21	20	95.2%	219.0	22	20	90.9%	216.9
Desoto	2	1	50.0%	207.0	2	2	100.0%	215.5
Duval	249	196	78.7%	213.2	256	235	91.8%	215.7
Escambia	134	111	82.8%	216.1	139	127	91.4%	217.4
Gadsden	23	11	47.8%	193.8	24	16	66.7%	202.3
Gilchrist	2	2	100.0%	203.0	2	2	100.0%	203.0
Hillsborough	389	335	86.1%	216.5	400	374	93.5%	217.8
Indian River	36	24	66.7%	208.3	38	35	92.1%	214.3
Lake	34	31	91.2%	217.1	34	32	94.1%	217.5
Lee	12	10	83.3%	222.2	15	14	93.3%	223.5
Levy	12	9	75.0%	214.3	12	10	83.3%	216.0
Manatee	78	68	87.2%	217.4	79	76	96.2%	219.1
Marion	8	5	62.5%	208.8	8	7	87.5%	216.3
Miami-Dade	198	144	72.7%	208.5	211	188	89.1%	211.9
Okaloosa	14	12	85.7%	217.9	14	13	92.9%	219.6
Orange	494	422	85.4%	216.3	508	479	94.3%	217.8
Palm Beach	109	90	82.6%	211.8	118	110	93.2%	213.6
Pasco	147	125	85.0%	216.4	151	143	94.7%	217.5

	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Pinellas	119	91	76.5%	212.9	125	116	92.8%	215.2
Polk	119	102	85.7%	215.4	124	121	97.6%	217.9
Putnam	12	7	58.3%	205.5	12	10	83.3%	211.3
Santa Rosa	24	23	95.8%	219.0	25	25	100.0%	220.4
Sumter	3	1	33.3%	198.3	3	3	100.0%	213.3
Suwannee	1	1	100.0%	228.0	2	1	50.0%	208.0
Union	15	11	73.3%	212.3	15	12	80.0%	214.3
PDCP TOTAL	**2,650**	**2,176**	**82.1%**	**214.6**	**2,749**	**2,557**	**93.0%**	**216.5**

PROFESSIONAL EDUCATION TEST	First Attempt				Best Attempt			
Private College/University	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**	**Examinees**	**No. Pass**	**Pass Rate**	**Mean Score**
Ave Maria University	7	4	57.1%	208.6	7	7	100.0%	218.1
Baptist College Of Florida	9	8	88.9%	219.6	10	10	100.0%	222.8
Barry University	28	19	67.9%	206.1	34	25	73.5%	206.5
Bethune-Cookman University	33	17	51.5%	200.6	40	37	92.5%	206.8
Flagler College	211	186	88.2%	216.9	217	210	96.8%	218.2
Florida College	12	10	83.3%	222.5	14	11	78.6%	218.6
Florida Institute Of Technology	13	11	84.6%	210.3	13	11	84.6%	210.6
Florida Memorial University	8	4	50.0%	189.0	18	15	83.3%	205.1
Florida Southern College	106	89	84.0%	214.5	113	109	96.5%	216.3
Jacksonville University	10	10	100.0%	218.7	10	10	100.0%	218.7
Johnson University - Florida	4	4	100.0%	226.0	4	4	100.0%	226.0
Lynn University	17	7	41.2%	193.8	18	11	61.1%	200.8
Nova Southeastern University	179	116	64.8%	205.7	212	174	82.1%	208.7
Palm Beach Atlantic University	61	52	85.2%	217.3	64	63	98.4%	219.3
Rollins College	40	34	85.0%	219.3	42	41	97.6%	220.6
Saint Leo University	203	160	78.8%	212.0	230	204	88.7%	212.9

	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Southeastern University	96	64	66.7%	208.3	100	86	86.0%	211.6
Stetson University	88	76	86.4%	217.4	95	91	95.8%	218.6
Trinity International University	7	5	71.4%	205.0	7	6	85.7%	209.4
University of Miami	45	42	93.3%	219.2	47	45	95.7%	219.4
University of Tampa	116	94	81.0%	214.4	124	117	94.4%	216.4
Warner University	12	10	83.3%	211.0	13	11	84.6%	209.8
Private College/University Total	**1,305**	**1,022**	**78.3%**	**212.6**	**1,432**	**1,298**	**90.6%**	**214.3**

PROFESSIONAL EDUCATION TEST	First Attempt				Best Attempt			
State College	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	211	154	73.0%	208.2	223	187	83.9%	210.4
Chipola College	65	52	80.0%	212.0	69	66	95.7%	213.9
College Of Central Florida	46	41	89.1%	213.7	49	49	100.0%	216.1
Daytona State College	155	140	90.3%	217.7	164	156	95.1%	218.0
Florida Southwestern State College	205	168	82.0%	213.6	212	198	93.4%	215.4
Florida State College At Jacksonville	88	63	71.6%	207.1	117	92	78.6%	206.3
Indian River State College	158	119	75.3%	210.4	166	154	92.8%	213.6
Miami Dade College	263	170	64.6%	204.3	297	260	87.5%	208.4
Northwest Florida State College	53	52	98.1%	223.8	54	54	100.0%	223.8
Polk State College	36	30	83.3%	212.8	36	36	100.0%	215.6
South Florida State College	36	30	83.3%	211.3	36	35	97.2%	213.9
St. Johns River State College	43	36	83.7%	212.4	51	47	92.2%	212.8
St. Petersburg College	214	180	84.1%	215.5	224	212	94.6%	217.2
State College Total	**1,573**	**1,235**	**78.5%**	**211.5**	**1,698**	**1,546**	**91.0%**	**213.3**

PROFESSIONAL EDUCATION TEST	First Attempt				Best Attempt			
State University	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Florida A&M University	73	43	58.9%	202.1	91	69	75.8%	205.5
Florida Atlantic University	395	301	76.2%	209.2	456	419	91.9%	212.0
Florida Gulf Coast University	422	355	84.1%	213.3	450	439	97.6%	215.7
Florida International University	375	282	75.2%	209.4	416	367	88.2%	211.5
Florida State University	379	344	90.8%	219.2	394	385	97.7%	220.1
University of Central Florida	1,352	1,138	84.2%	214.3	1,432	1,382	96.5%	216.4
University of Florida	465	444	95.5%	225.2	477	471	98.7%	225.5
University of North Florida	354	300	84.7%	216.0	380	363	95.5%	217.4
University of South Florida	1,029	916	89.0%	216.4	1,069	1,023	95.7%	217.3
University of West Florida	292	232	79.5%	213.4	310	292	94.2%	216.3
State University Total	**5,136**	**4,355**	**84.8%**	**215.1**	**5,475**	**5,210**	**95.2%**	**216.7**

PROFESSIONAL EDUCATION TEST	First Attempt				Best Attempt			
Statewide	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Program Total	13,705	11,430	83.4%	214.8	14,577	13,653	93.7%	216.3
Non-Program Total	13,330	9,342	70.1%	208.0	14,701	11,810	80.3%	210.0
Grand Total	**27,035**	**20,772**	**76.8%**	**211.5**	**29,278**	**25,463**	**87.0%**	**213.2**

READING K-12	First Attempt				Best Attempt			
Educator Preparation Institute (EPI)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	16	12	75.0%	211.4	16	12	75.0%	211.4
Daytona State College	6	4	66.7%	200.2	7	4	57.1%	197.1
Eastern Florida State College	2	2	100.0%	216.5	2	2	100.0%	216.5
Florida Gateway College	9	7	77.8%	207.6	9	7	77.8%	207.6
Florida Gulf Coast University	6	4	66.7%	208.0	6	4	66.7%	208.0

	First Attempt				Best Attempt			
	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Florida State College At Jacksonville	20	12	60.0%	200.6	20	12	60.0%	200.6
Florida Teachers Of Tomorrow	11	7	63.6%	193.5	11	7	63.6%	193.5
Hillsborough Community College	27	18	66.7%	204.6	27	18	66.7%	204.6
Indian River State College	16	10	62.5%	203.3	17	13	76.5%	206.3
Miami Dade College	7	3	42.9%	191.0	7	3	42.9%	195.0
Palm Beach State College	5	3	60.0%	200.6	5	3	60.0%	200.6
Pasco Hernando State College	6	6	100.0%	217.0	6	6	100.0%	217.0
Polk State College	32	17	53.1%	202.2	32	18	56.3%	202.3
Santa Fe College	16	14	87.5%	209.0	18	16	88.9%	210.9
Seminole State College	14	11	78.6%	203.6	14	13	92.9%	206.5
St. Johns River State College	11	8	72.7%	209.4	11	8	72.7%	209.4
St. Petersburg College	5	4	80.0%	211.6	5	4	80.0%	211.6
State College of Florida, Manatee-Sarasota	14	11	78.6%	209.2	14	11	78.6%	209.9
University of Florida	20	19	95.0%	214.1	20	19	95.0%	214.1
University of West Florida	18	15	83.3%	214.4	18	15	83.3%	214.4
Valencia College	25	18	72.0%	205.2	25	18	72.0%	205.2
EPI Total	**286**	**205**	**71.7%**	**206.0**	**290**	**213**	**73.4%**	**206.5**

READING K-12	First Attempt				Best Attempt			
Professional Development Certification Programs (PDCP)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Alachua	6	4	66.7%	205.7	6	4	66.7%	205.7
Bay	6	4	66.7%	208.5	6	4	66.7%	209.3
Bradford	1	0	0.0%	179.0	1	0	0.0%	179.0
Brevard	3	3	100.0%	212.3	3	3	100.0%	212.3
Broward	9	4	44.4%	194.9	9	4	44.4%	194.9
Collier	1	0	0.0%	187.0	1	0	0.0%	187.0
Desoto	2	1	50.0%	203.0	2	1	50.0%	203.0

	First Attempt				Best Attempt			
	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Duval	13	8	61.5%	204.5	13	9	69.2%	205.2
Escambia	18	8	44.4%	200.3	19	8	42.1%	199.4
Gilchrist	1	1	100.0%	225.0	1	1	100.0%	225.0
Hillsborough	16	12	75.0%	207.3	16	12	75.0%	207.3
Indian River	2	1	50.0%	195.0	2	1	50.0%	204.0
Lee	5	2	40.0%	194.6	5	2	40.0%	194.6
Levy	2	2	100.0%	203.0	2	2	100.0%	203.0
Manatee	4	3	75.0%	216.5	4	3	75.0%	216.5
Marion	1	0	0.0%	196.0	1	0	0.0%	196.0
Miami-Dade	6	3	50.0%	202.8	6	3	50.0%	202.8
Okaloosa	1	0	0.0%	181.0	1	0	0.0%	181.0
Orange	10	4	40.0%	192.1	10	4	40.0%	193.2
Palm Beach	1	0	0.0%	184.0	1	0	0.0%	184.0
Pasco	9	3	33.3%	198.9	9	4	44.4%	199.3
Pinellas	1	1	100.0%	203.0	1	1	100.0%	203.0
Polk	9	5	55.6%	202.1	9	5	55.6%	202.1
Putnam	1	1	100.0%	216.0	1	1	100.0%	216.0
Santa Rosa	5	2	40.0%	199.8	5	2	40.0%	199.8
Sumter	2	1	50.0%	200.0	2	1	50.0%	206.5
Union	1	1	100.0%	201.0	1	1	100.0%	201.0
PDCP Total	**136**	**74**	**54.4%**	**201.6**	**137**	**76**	**55.5%**	**201.9**

READING K-12	First Attempt				Best Attempt			
Private College/University	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Baptist College Of Florida	1	1	100.0%	200.0	1	1	100.0%	200.0
Barry University	20	16	80.0%	206.9	27	18	66.7%	201.3
Flagler College	1	1	100.0%	203.0	1	1	100.0%	203.0

	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Florida Memorial University	9	3	33.3%	189.0	9	4	44.4%	194.0
Lynn University	1	1	100.0%	207.0	1	1	100.0%	207.0
Nova Southeastern University	9	3	33.3%	194.4	15	10	66.7%	202.6
Saint Leo University	42	35	83.3%	210.0	44	38	86.4%	209.8
Southeastern University	1	1	100.0%	213.0	1	1	100.0%	213.0
Stetson University	1	1	100.0%	201.0	1	1	100.0%	201.0
Trinity International University	1	0	0.0%	166.0	1	0	0.0%	166.0
University of Miami	1	1	100.0%	226.0	1	1	100.0%	226.0
Private College/University Total	**87**	**63**	**72.4%**	**204.9**	**102**	**76**	**74.5%**	**204.5**

READING K-12	First Attempt				Best Attempt			
State College	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	4	1	25.0%	176.5	4	1	25.0%	176.5
Daytona State College	4	3	75.0%	201.8	4	3	75.0%	208.3
Florida Southwestern State College	1	1	100.0%	233.0	1	1	100.0%	233.0
Indian River State College	1	0	0.0%	181.0	1	0	0.0%	181.0
Miami Dade College	3	1	33.3%	195.0	3	1	33.3%	195.0
Northwest Florida State College	3	1	33.3%	193.0	3	1	33.3%	193.0
St. Johns River State College	1	1	100.0%	203.0	1	1	100.0%	203.0
St. Petersburg College	1	0	0.0%	151.0	1	0	0.0%	151.0
State College Total	**18**	**8**	**44.4%**	**191.4**	**18**	**8**	**44.4%**	**192.8**

READING K-12	First Attempt				Best Attempt			
State University	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Florida Atlantic University	5	4	80.0%	211.0	6	5	83.3%	216.5
Florida Gulf Coast University	3	3	100.0%	205.7	3	3	100.0%	205.7
Florida International University	33	26	78.8%	208.3	34	29	85.3%	210.9
University of Central Florida	43	34	79.1%	212.0	45	40	88.9%	212.2

	First Attempt				Best Attempt			
University of Florida	5	4	80.0%	207.8	5	4	80.0%	207.8
University of South Florida	33	27	81.8%	209.8	33	31	93.9%	211.9
University of West Florida	36	31	86.1%	213.6	36	34	94.4%	214.8
State University Total	**158**	**129**	**81.6%**	**210.9**	**162**	**146**	**90.1%**	**212.3**

READING K-12	First Attempt				Best Attempt			
Statewide	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Program Total	685	479	69.9%	205.7	709	519	73.2%	206.3
Non-Program Total	4,316	3,049	70.6%	206.7	4,396	3,182	72.4%	207.0
Grand Total	**5,001**	**3,528**	**70.5%**	**206.5**	**5,105**	**3,701**	**72.5%**	**206.9**

SOCIAL SCIENCE 6-12	First Attempt				Best Attempt			
Educator Preparation Institute (EPI)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Broward College	12	8	66.7%	202.7	18	14	77.8%	205.4
Daytona State College	16	12	75.0%	213.8	19	16	84.2%	217.4
Eastern Florida State College					1	0	0.0%	183.0
Florida Gateway College	6	5	83.3%	200.7	9	7	77.8%	200.7
Florida Gulf Coast University	6	6	100.0%	222.2	8	8	100.0%	222.0
Florida State College At Jacksonville	5	4	80.0%	218.8	6	4	66.7%	215.0
Florida Teachers Of Tomorrow	15	11	73.3%	209.5	15	11	73.3%	210.3
Hillsborough Community College	39	31	79.5%	215.8	45	40	88.9%	218.0
Indian River State College	8	7	87.5%	208.4	9	8	88.9%	207.3
Miami Dade College	6	4	66.7%	211.3	7	5	71.4%	214.3
Palm Beach State College	10	6	60.0%	205.6	10	6	60.0%	205.6
Pasco Hernando State College	9	8	88.9%	213.8	9	9	100.0%	214.3
Polk State College	26	15	57.7%	202.3	29	21	72.4%	206.0
Saint Leo University	1	1	100.0%	233.0	1	1	100.0%	233.0
Santa Fe College	5	4	80.0%	216.8	5	5	100.0%	219.6

	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Seminole State College	24	16	66.7%	205.4	25	20	80.0%	208.4
St. Johns River State College	19	16	84.2%	217.0	20	19	95.0%	218.3
St. Petersburg College	5	5	100.0%	221.6	5	5	100.0%	221.6
State College of Florida, Manatee-Sarasota	18	16	88.9%	219.8	20	19	95.0%	220.5
University of Arizona Global Campus	2	1	50.0%	200.0	2	1	50.0%	200.0
University of Florida	12	9	75.0%	212.0	12	10	83.3%	212.9
University of West Florida	154	139	90.3%	221.3	158	152	96.2%	222.3
Valencia College	26	19	73.1%	210.3	31	27	87.1%	211.5
EPI Total	**424**	**343**	**80.9%**	**215.0**	**464**	**408**	**87.9%**	**216.0**

SOCIAL SCIENCE 6-12	First Attempt				Best Attempt			
Professional Development Certification Programs (PDCP)	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Alachua	2	2	100.0%	216.0	3	2	66.7%	208.3
Baker	6	4	66.7%	206.8	6	4	66.7%	209.2
Bay	8	4	50.0%	202.0	8	5	62.5%	205.5
Bradford	2	1	50.0%	209.5	2	2	100.0%	218.5
Brevard	13	9	69.2%	201.6	13	10	76.9%	203.3
Broward	43	33	76.7%	211.4	46	41	89.1%	213.7
Collier	2	2	100.0%	218.0	2	2	100.0%	218.0
Desoto	3	2	66.7%	212.7	3	3	100.0%	213.7
Duval	28	14	50.0%	205.4	30	20	66.7%	207.0
Escambia	14	10	71.4%	209.4	16	11	68.8%	210.1
Gadsden	5	2	40.0%	196.8	6	3	50.0%	196.8
Gilchrist	1	1	100.0%	210.0	1	1	100.0%	210.0
Hillsborough	38	23	60.5%	202.0	43	30	69.8%	203.8
Indian River	4	1	25.0%	202.8	4	2	50.0%	210.5
Lake	4	2	50.0%	199.8	4	3	75.0%	206.8

	First Attempt				Best Attempt			
Lee	1	1	100.0%	234.0	1	1	100.0%	234.0
Levy	3	2	66.7%	208.7	3	3	100.0%	210.7
Manatee	8	6	75.0%	209.0	8	8	100.0%	213.0
Marion	3	2	66.7%	222.7	3	2	66.7%	222.7
Miami-Dade	34	20	58.8%	202.5	36	27	75.0%	206.6
Orange	28	21	75.0%	208.3	33	24	72.7%	207.2
Palm Beach	15	13	86.7%	214.6	17	15	88.2%	213.4
Pasco	19	13	68.4%	213.3	22	19	86.4%	215.4
Pinellas	10	6	60.0%	203.7	10	6	60.0%	203.7
Polk	12	9	75.0%	212.2	14	12	85.7%	212.6
Putnam	4	2	50.0%	192.3	4	2	50.0%	194.5
Santa Rosa	5	4	80.0%	204.6	7	5	71.4%	206.0
Sumter	1	1	100.0%	213.0	1	1	100.0%	213.0
PDCP Total	**316**	**210**	**66.5%**	**207.1**	**346**	**264**	**76.3%**	**208.8**

SOCIAL SCIENCE 6-12	First Attempt				Best Attempt			
Private College/University	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Bethune-Cookman University	1	0	0.0%	171.0	2	1	50.0%	192.0
Flagler College	2	1	50.0%	207.5	3	2	66.7%	206.3
Florida Southern College	5	5	100.0%	220.4	5	5	100.0%	220.4
Nova Southeastern University	2	1	50.0%	176.5	3	1	33.3%	163.7
Southeastern University	5	4	80.0%	207.6	6	6	100.0%	213.8
University of Tampa	7	7	100.0%	213.7	7	7	100.0%	213.7
Warner University	1	1	100.0%	213.0	1	1	100.0%	213.0
Private College/University Total	**23**	**19**	**82.6%**	**208.2**	**27**	**23**	**85.2%**	**207.0**

SOCIAL SCIENCE 6-12	First Attempt				Best Attempt			
State University	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Florida A&M University	3	2	66.7%	212.0	3	3	100.0%	214.3
Florida Atlantic University	27	20	74.1%	210.4	31	26	83.9%	210.5
Florida Gulf Coast University	32	12	37.5%	193.2	36	30	83.3%	202.7
Florida International University	14	12	85.7%	215.5	17	16	94.1%	215.9
Florida State University	39	32	82.1%	212.8	42	41	97.6%	215.8
University of Central Florida	91	71	78.0%	209.2	100	94	94.0%	212.1
University of Florida					1	1	100.0%	213.0
University of North Florida	22	17	77.3%	205.7	25	21	84.0%	207.8
University of South Florida	82	58	70.7%	209.2	91	84	92.3%	214.0
State University Total	**310**	**224**	**72.3%**	**208.2**	**346**	**316**	**91.3%**	**211.8**

SOCIAL SCIENCE 6-12	First Attempt				Best Attempt			
Statewide	Examinees	No. Pass	Pass Rate	Mean Score	Examinees	No. Pass	Pass Rate	Mean Score
Program Total	1,073	796	74.2%	210.5	1,183	1,011	85.5%	212.5
Non-Program Total	2,981	1,774	59.5%	202.6	3,316	2,211	66.7%	204.6
Grand Total	**4,054**	**2,570**	**63.4%**	**204.7**	**4,499**	**3,222**	**71.6%**	**206.7**