Florida Teacher Preparation Programs:
A Summary and Analysis of Program Performance

Summary and Analysis of
2020 Annual Program Performance Reports
Presented to the Florida Department of Education

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Introduction

Research has shown that no single in-school factor matters more to student success than the quality of a student's teachers.[1] The state of Florida has enacted and implemented numerous teacher quality policies aimed at ensuring that all students have effective teachers, including policies that examine the quality of teacher preparation programs and focus on improving the preparation of new teachers. New initiatives continue to prioritize and maintain a focus on educator quality, including increased focus on reading requirements for all preparation programs. The COVID-19 pandemic has added heightened attention to the essential role of educators in society, as well as to the high-level and varied skill set it takes to be an effective teacher.

Florida has developed a system to support the continuous improvement of teacher preparation programs and hold them accountable for their own performance and the performance of the teachers they produce. The goal of this report is to provide comparative data from that system to help programs continuously improve their content, delivery and outcomes, as well as to inform policymakers and consumers – school districts and prospective teacher candidates – about program strengths and weaknesses.[2]

This report is presented to fulfill the requirement articulated in section 1004.04, Florida Statutes, and detailed in State Board of Education Rule 6A-5.066, Florida Administrative Code, that the Florida Department of Education shall report the results of each approved teacher preparation program's annual progress on established performance measures 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 districts superintendents; and the general public.

This report is the 2020 edition, generally reflecting data corresponding to teacher preparation program completers employed in the 2017-2018 school year.[3] Given this timeframe, the disruptions experienced by both K-12 schools and higher education programs as a result of the pandemic, including the cancellation of statewide assessments for the 2019-2020 school year, do not impact the data and analysis in this year's report.

There have not been statutory or regulatory changes that directly impact teacher preparation programs and how their performance is measured since the last report. However, Florida did adopt and begin implementation of new K-12 student standards, Benchmarks for Excellent Student Thinking (B.E.S.T.), and preparation programs will need to ensure alignment with the

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[1] See for example Steven G. Rivkin, Eric A. Hanushek, and John F. Kain, "Teachers, Schools, and Academic Achievement" (2005). There are numerous studies that have corroborated these findings.

[2] While the report provides comparative rankings, the data set is not robust enough to test for statistically significant differences among programs. There is a large amount of variability in the data set, including the size of programs and the number of subscores available for each program.

[3] Details about the specific timeframe associated with data for each performance metric are provided in Figure 6 in the next section.

B.E.S.T. standards.[4] FDOE has provided support to programs to help them understand the standards and the timeline for implementation. In addition, the state has increased reading requirements for alternate route preparation programs, and has prioritized supporting student proficiency in reading and closing achievement gaps[5], including in its pandemic response plan for reopening Florida's schools and use of related federal funds received under the Coronavirus Aid, Relief, and Economic Security (CARES) Act.[6]

In 2018, this report incorporated for the first time data showing the performance of teacher candidates on Florida Teacher Certification Examinations (FTCE). Last year's report included an analysis of these performance data for the Elementary Education examination and its subtests. This year's report continues to provide that analysis, and also provides FTCE performance data for other subject areas with significant numbers of teacher candidates.

After a brief overview of teacher preparation in Florida and the state's accountability system for teacher preparation programs, this report presents:
- Summative findings that rank the overall performance of programs with sufficient data;
- Analysis of each of the metrics used to measure program performance;
- Suggestions for consideration by state policymakers on ways to further develop and enhance the accountability system; and
- Analysis of Florida Teacher Certification Examinations (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 recent college graduates who already hold a bachelor's degree. 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.

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[4] *https://www.fldoe.org/standardsreview/index.stml*
[5] State Board of Education Rule 6A-4.0163, Florida Administrative Code, pursuant to Rule 6A-5.066, Florida Administrative Code
[6] See *http://www.fldoe.org/core/fileparse.php/19861/urlt/FLDOEReopeningCARESAct.pdf*

For 2020, there were 91 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 91 providers, 32 are districts that run their own PDCP programs and one charter school provider. Most other providers are institutions of higher education (IHEs), including 35 public IHEs and 23 private IHEs. There is one non-IHE private provider, Florida Teachers of Tomorrow.

FIGURE 1
Florida Teacher Preparation Providers
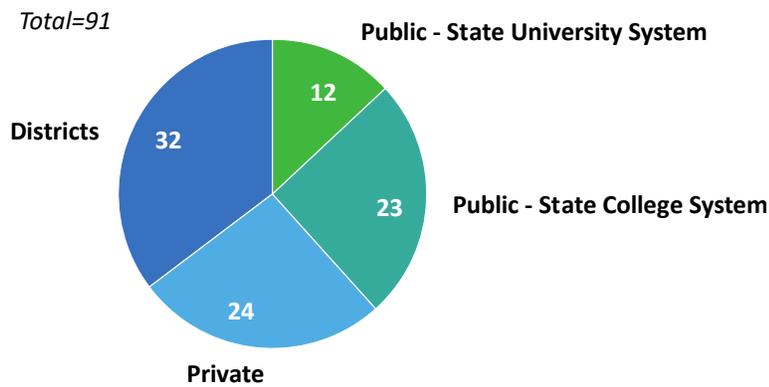
Florida has 397 teacher preparation programs[7]. Thirty-two are offered by local school districts, 68 by the Florida College System, 178 by the State University System and 119 by private institutions. This year's report includes 19 more programs than last year's, with all types of providers contributing to the increase.

Of the 397 included programs, 24 are Educator Preparation Institutes and 32 are district-run Professional Development Certification Programs. The overwhelming majority of programs in the state, 341, are Initial Teacher Preparation Programs. Twelve institutions provide both Educator Preparation Institutes and at least one Initial Teacher Preparation Program: 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.

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[7] 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 318 programs in this report. This is discussed further in the next section and Appendix B.

FIGURE 2
Types of Teacher Preparation Programs

Program	Number of Programs
EPI	24
PDCP	32
ITP	341

NUMBER OF PROGRAMS

The University of South Florida, Tampa offers 41 discrete programs, more than double the number offered by any other provider. Beyond the school districts offering Professional Development Certification Programs, there are 12 providers that offer only an EPI and seven IHEs that offer only a single ITP.

FIGURE 3
Florida Institutions Offering Ten or More Preparation Programs

Institution	Number of Programs Offered
University of South Florida, Tampa	41
Florida International University	19
Florida State University	19
University of Central Florida	19
Florida Atlantic University	15
University 0f Florida	14
Florida A&M University	13
University of North Florida	13
Rollins College	11
University of West Florida	11
Saint Leo University	10

FIGURE 4
Number of Preparation Programs Offered by Providers

Total=91

More than 20 = 1

10-20 Programs

11

1 Program

51

17   **5-9 Programs**

11
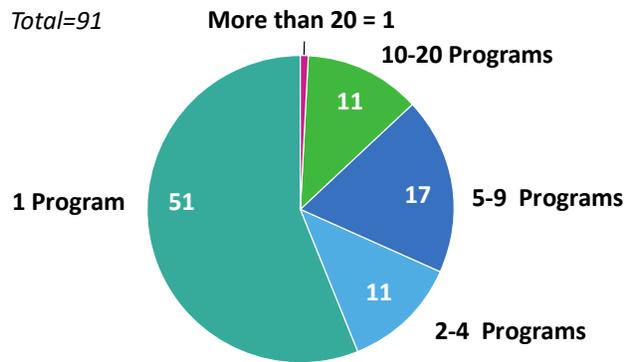
2-4 Programs

The 341 Initial Teacher Preparation Programs cover a wide-range of subject matter, with the most commonly offered program being Elementary Education, which is offered by more than 50 providers.

FIGURE 5
Subject Areas of Initial Teacher Preparation Programs

Subject	Value
Elementary Education	54
Exceptional Student Education	29
Biology	25
Mathematics	25
Music	21
English	19
Social Science	19
Chemistry	15
Physics	15
Pre-K/Primary Education	15
Guidance/Counseling	11
Middle Grades Math	10
Reading	10
Art	9
Middle Grades General Science	9
Physical Education	9
School Psychologist	7
Earth/Space Science	6
Spanish	5
French	5
Drama	2
German	2
Italian	2
Latin	2
Middle Grades Social Science	2
Pre-School Education	2
Russian	2
Agriculture	1
Business Education	1
Chinese	1
Computer Science	1
Hearing Impaired*	1
Japanese	1
Middle Grades English	1
Middle Grades Math/General Science	1
Technology Education	1
Visually Impaired	1

*There is more than one program in the state that focuses on teaching hearing impaired students. Programs that also provide certification in elementary education were included in the elementary education category.

Florida's Teacher Preparation Accountability System

Florida is a national leader in developing an accountability system for its teacher preparation programs. While a number of states have elevated transparency surrounding the quality of teacher preparation, Florida has done more than most states to identify multiple measures that reflect program performance, establish rating scales to assess these measures and share these data along with summative ratings with the public.[8] Importantly, Florida's teacher preparation program accountability system is designed to evaluate at the more granular program level, rather than just at the institutional level. Data aggregated for all teacher candidates across multiple programs within an institution can mask significant differences in program performance. For example, while an elementary reading program at an institution may be very strong, its secondary mathematics program may be weak. Individualized program scores ensure that institutions have data to support programs' continuous improvement and prospective students and school districts can make better informed decisions.

Although the state aims for program-level accountability, it does combine 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.

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

1. **Placement rate** of program completers into instructional positions in Florida public schools.
2. **Rate of retention** for employed program completers in instructional positions in Florida public schools.[9]
3. **Performance of students** in pre-K through grade 12 who are assigned to in-field program completers on statewide assessments using the results of Florida's student learning growth formula.
4. **Performance of students** in pre-K through grade 12 who are assigned to in-field program completers aggregated by **student subgroup**.
5. Results of program completers' **annual teacher evaluations**.
6. Production of program completers in statewide **critical teacher shortage areas**.

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[8] National Council on Teacher Quality. (2019). Program Performance Measures national results. State Teacher Policy Database. [Data set]. Retrieved from: *https://www.nctq.org/yearbook/national/Program-Performance-Measures-81*
[9] 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.

FIGURE 6
2020 APPR Performance Metric Timeframe and Minimum Requirements

Performance Criterion	Data Timeframe	Minimum Number of Completers for Inclusion
Placement rate	Results from completers employed in 2016-2017 or 2017-2018	At least three completers in the selected cohort time period of 2015-2016
Retention rate	Results from completers employed in 2013-2014 or 2014-2015 and employed within the 5-year period after initial hire	At least three completers in the selected cohort time period of 2012-2013
Student performance on statewide assessments	Results from completers employed in 2017-2018	At least two completers who are employed in-field and are from the cohort time period of 2014-2015, 2015-2016 and 2016-2017
Statewide performance by subgroups	Results from completers employed in 2017-2018	At least two completers who are employed in-field and are from the cohort time period of 2014-2015, 2015-2016 and 2016-2017
Teacher evaluation	Results from completers employed in 2017-2018	At least two completers who are employed in-field and are from the cohort time period of 2014-2015, 2015-2016 and 2016-2017
Critical teacher shortage	Results from total number of completers in 2017-2018 compared to 2016-2017	At least two completers in each year

Programs receive a performance score for each of the first five metrics on a scale of one to four, with four indicating the highest level of performance. (The full rubric can be found in Appendix A.) The sixth metric, production of teachers in critical shortage areas, is a bonus category and not calculated into summative ratings unless programs receive the bonus.

Summative ratings are calculated by averaging all performance scores received by a program. For programs receiving the critical shortage area bonus, the five other scores are weighted at 0.8 and the shortage bonus is weighted at 0.2 to calculate the summative rating score.

Florida teacher preparation programs are approved for seven-year periods.[10] At the end of each approval period, FDOE examines the annual summative rating scores for each of the program's annual program performance reports, along with data and findings collected during a site visit review. A formula is used to determine a Continued Approval Summative Score (CASS) on a scale of 1.0 to 4.0, and continued approval is granted to programs who earn a minimum score of 2.4. Programs that score above 3.5 receive full approval with distinction.[11]

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[10] In October 2019 Rule 6A-5.066, Florida Administrative Code, was amended to change the program approval from five years to seven years.
[11] Rule 6A-5.066, Florida Administrative Code, was amended as of April 30, 2018 to include the formula for Continued Approval. In order to calculate the continued approval summative score, the weights for each component of the continued approval summative score are 50% for the APPR Average Summative Rating, 20% for the Continued Approval Site Visit Rating, and 30% for Evidence of Programmatic Improvement Rating.

In addition, new legislation[12] passed in 2019 added satisfaction surveys of program completers and their employers[13] to the criteria for continued program approval. Program approval must also include results of a survey that measures program completers' satisfaction with how well their programs prepared them for "the realities of the classroom" as well as the results of a survey that measures employers' satisfaction with "the program's responsiveness to local school districts."

In January 2020, programs submitted their plans for these surveys, including timeline, desired response rate and a description of how these surveys would be used for program improvement. By November 16, 2020, programs submitted 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 under review by FDOE, which will make recommendations for consideration to the State Board of Education 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.

2020 Florida Teacher Preparation Program Performance

Finding: Only 82 out of 318 programs (26 percent) have enough performance data for their programs to receive a 2020 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 318 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 82 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 26 percent of analyzed programs. This is due in large part to the lack of student growth data for teachers in most programs. Prior editions of this report indicated that student growth data for EPIs and PDCPs would be included in subsequent editions, but the data are not yet available. FDOE elected to require at least four subscores so that programs with associated student performance measures are highlighted.

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[12] Senate Bill 7070 amended Section 1004.04, Florida Statutes.
[13] PDCPs are not required to conduct surveys, as the preparation is provided by the employer. EPIs survey candidates and employers..

FIGURE 7
Performance Metrics per Program
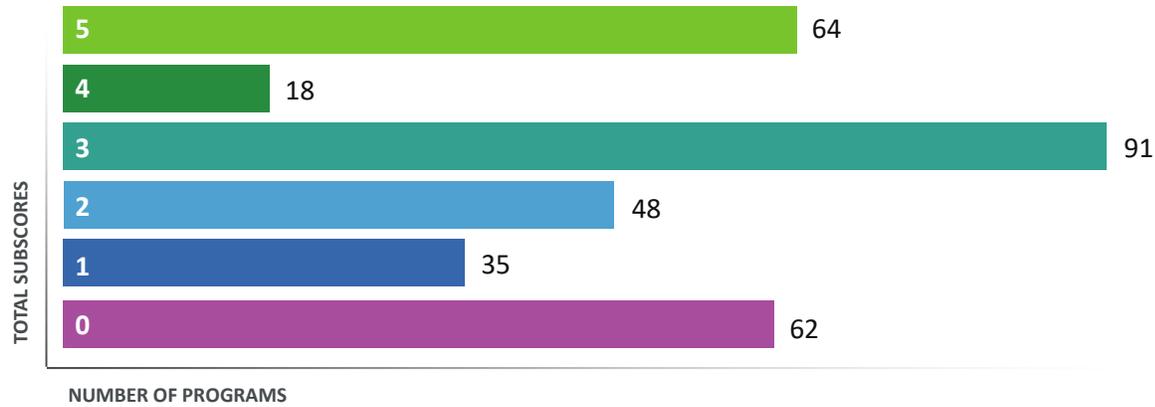
Finding: Four programs share the top ranking in the state of Florida for 2020: Elementary Education/ESOL/Reading at Florida Atlantic University; Middle Grades Mathematics at Indian River State College; Mathematics at Nova Southeastern University; and Reading at Saint Leo University.

FIGURE 8
2020 Program Rankings Summary Table
All Programs with 4 or 5 Subscores

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

Rank	Institution	Program	Summative Score	Number of Completers[14]
1	**Florida Atlantic University**	Elementary Education/ESOL/Reading	3.8	1,317
1	**Indian River State College**	Middle Grades Mathematics	3.8	59
1	**Nova Southeastern University**	Mathematics	3.8	21
1	**Saint Leo University**	Reading	3.8	175
5	**University of Florida**	English/ESOL	3.7	60
6	**Florida International University**	Reading	3.6	173
6	**Florida Memorial University**	Elementary Education/ESOL	3.6	28
6	**Florida Memorial University**	Reading/ESOL	3.6	22
6	**Nova Southeastern University**	Reading	3.6	40

[14] The number of completers represents the total number for the six-year cohort that spans 2012-2013 to 2017-2018. This six-year cohort corresponds to the reporting years for the 2020 APPRs.

Rank	Institution	Program	Summative Score	Number of Completers[14]
6	**University of Central Florida**	Reading	3.6	146
11	**Flagler College**	Elementary Education/Exceptional Student Education/ESOL/Reading	3.5	54
11	**Florida Gulf Coast University**	Mathematics	3.5	34
11	**Florida International University**	English/ESOL	3.5	28
11	**University of South Florida, Tampa**	Middle Grades Mathematics	3.5	132
15	**Barry University**	Reading	3.4	154
15	**Florida A&M University**	Elementary Education/ESOL/Reading	3.4	117
15	**Florida Atlantic University**	English/ESOL	3.4	91
15	**Florida Atlantic University**	Reading	3.4	58
15	**Florida International University**	Elementary Education/ESOL/Reading	3.4	785
15	**Florida State University**	Mathematics	3.4	67
15	**Saint Leo University**	Elementary Education/ESOL/Reading	3.4	523
15	**St. Petersburg College**	Middle Grades Mathematics	3.4	30
15	**University of Florida**	Elementary Education/ESOL/Reading	3.4	387
15	**University of South Florida, St. Petersburg**	Elementary Education/Exceptional Student Education/ESOL/Reading	3.4	432
25	**Broward College**	Mathematics	3.3	23
25	**Saint Leo University**	Middle Grades Mathematics	3.3	33
25	**Southeastern University**	Elementary Education/ESOL/Reading	3.3	120
25	**Southeastern University**	Exceptional Student Education/ Elementary Education/ESOL/ Reading/Autism Spectrum Disorders	3.3	26
29	**Barry University**	Elementary Education/ESOL/Reading	3.2	40
29	**Chipola College**	Elementary Education/ESOL/Reading	3.2	123
29	**Daytona State College**	Mathematics	3.2	13
29	**Miami Dade College**	Mathematics	3.2	38
29	**Saint Leo University**	Middle Grades English/ESOL/Reading	3.2	43
29	**University of Florida**	Elementary Education/Exceptional Student Education/ESOL/Reading	3.2	198
29	**University of North Florida**	Elementary Education/ESOL	3.2	671
29	**University of North Florida**	English/ESOL	3.2	69
29	**University of South Florida, Tampa**	Mathematics	3.2	248
29	**University of South Florida, Tampa**	Reading	3.2	252
29	**University of West Florida**	Elementary Education/ESOL/Reading	3.2	161

Rank	Institution	Program	Summative Score	Number of Completers[14]
29	**University of West Florida**	Reading	3.2	71
41	**Bethune-Cookman University**	Elementary Education/ESOL/Reading	3.0	29
41	**Chipola College**	English Education/ESOL	3.0	20
41	**Flagler College**	Elementary Education/ESOL/Reading	3.0	238
41	**Florida Gulf Coast University**	Elementary Education/ESOL/Reading	3.0	477
41	**Florida State University**	Elementary Education/ESOL/Reading	3.0	491
41	**Florida State University**	English/ESOL	3.0	160
41	**Indian River State College**	Elementary Education/ESOL/Reading	3.0	55
41	**Northwest Florida State College**	Elementary Education/ESOL/Reading	3.0	156
41	**Northwest Florida State College**	Middle Grades Mathematics	3.0	13
41	**St. Petersburg College**	Elementary Education/ESOL/Reading	3.0	395
41	**University of Central Florida**	English/ESOL	3.0	277
41	**University of Central Florida**	Mathematics	3.0	190
41	**University of North Florida**	Middle Grades Math/ Middle Grades General Science	3.0	32
41	**University of South Florida, Sarasota Manatee**	Elementary Education/ESOL/Reading	3.0	248
41	**University of South Florida, St. Petersburg**	Reading	3.0	56
55	**Broward College**	Middle Grades Mathematics	2.8	21
55	**Flagler College**	Elementary Education/Hearing Impaired/ESOL/Reading	2.8	208
55	**Florida Atlantic University**	Mathematics	2.8	27
55	**Florida Southern College**	Elementary Education/ESOL/Reading	2.8	204
55	**Florida Southwestern State College**	Elementary Education/ESOL/Reading	2.8	391
55	**Jacksonville University**	Elementary Education/ESOL/Reading	2.8	43
55	**Lynn University**	Elementary Education/ESOL/Reading	2.8	35
55	**Palm Beach Atlantic University**	Elementary Education/ESOL	2.8	86
55	**University of Central Florida**	Middle Grades Mathematics	2.8	13
55	**University of North Florida**	Mathematics	2.8	41
55	**University of South Florida, Tampa**	English/ESOL	2.8	568
55	**University of Tampa**	Elementary Education/ESOL/Reading	2.8	187
55	**University of Tampa**	English/ESOL	2.8	18
69	**Flagler College**	English/ESOL	2.6	19
69	**Rollins College**	Elementary Education/ESOL	2.6	83

Rank	Institution	Program	Summative Score	Number of Completers[14]
69	**University of South Florida, Tampa**	Elementary Education/ESOL	2.6	2,462
69	**University of West Florida**	Elementary Education/Exceptional Student Education/ESOL/Reading	2.6	367
69	**Warner University**	Elementary Education/ESOL	2.6	46
74	**Nova Southeastern University**	Elementary Education/ESOL/Reading	2.5	76
74	**South Florida State College**	Elementary Education/ESOL/Reading	2.5	23
76	**Daytona State College**	Elementary Education/ESOL/Reading	2.4	266
76	**Florida College**	Elementary Education/ESOL/Reading	2.4	41
76	**Stetson University**	Elementary Education/ESOL	2.4	98
76	**University of Central Florida**	Elementary Education/ESOL/Reading	2.4	2,479
80	**Baptist College of Florida**	Elementary Education/ESOL/Reading	2.3	16
81	**University of Miami**	Elementary Education/Exceptional Student Education/ESOL/Reading	2.2	80
82	**University of South Florida, St. Petersburg**	Elementary Education/ESOL/ Reading	1.8	47

Full program ratings, including all subscores, can be found in Appendix C.

The average summative rating for ranked programs in 2020 is 3.1, an increase from prior years. The average summative rating score for the four preceding years was 3.0.

It has been noted in prior years that some of the largest programs in the state generally have below average performance ratings. While it is still the case that the two largest programs in the state have below average ratings, the third largest program, the Elementary Education/ESOL/Reading at Florida Atlantic University has improved its rating dramatically this year from 2.6 to 3.8 and is one of the top ranked programs. However, the two largest programs, Elementary Education/ESOL/Reading at the University of Central Florida and Elementary Education/ESOL at the University of South Florida, Tampa, which together have produced just under 5,000 new Florida elementary teachers over the last six years, continue to be among the lower-performing programs in the state.

FIGURE 9
Relative Size of Highest- and Lowest- Performing Programs
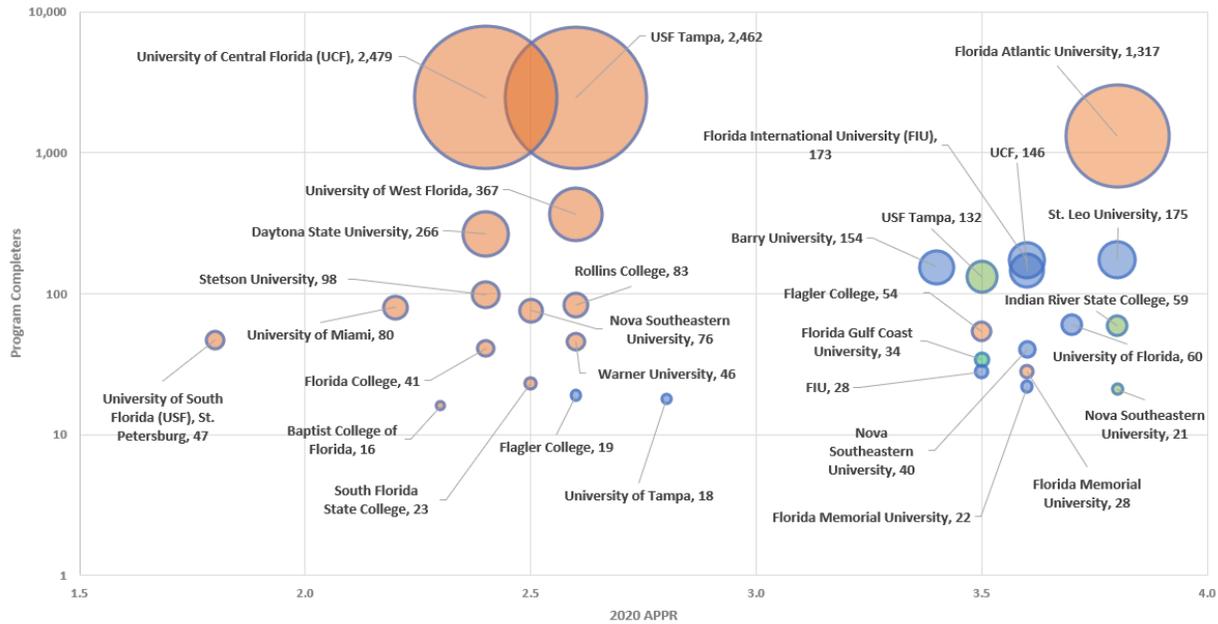
FIGURE 10
Largest Programs Ratings and Rankings

Institution	Program	Number of Completers	Summative Score	Rank	2019 Rank
University of Central Florida	Elementary Education/ ESOL/Reading	2,479	2.4	76	80
University of South Florida, Tampa	Elementary Education/ ESOL	2,462	2.6	69	73
Florida Atlantic University	Elementary Education/ ESOL/Reading	1,317	3.8	1	64
Florida International University	Elementary Education/ ESOL/Reading	785	3.4	15	15
University of North Florida	Elementary Education/ ESOL	671	3.2	29	64

Of the 91 providers of teacher preparation programs in Florida, 39 providers are represented in the rankings. Twenty-three providers operate multiple ranked programs. Institutional summaries of ranked programs can be found in Appendix D.

Finding: At the elementary level, the top ranked program is _Elementary Education/ESOL/Reading at Florida Atlantic University._

FIGURE 11
2020 Rankings Summary Table
Elementary Education Programs

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

Rank	Institution	Program	Summative Score	Number of Completers
1	**Florida Atlantic University**	Elementary Education/ESOL/Reading	3.8	1,317
2	**Florida Memorial University**	Elementary Education/ESOL	3.6	28
3	**Flagler College**	Elementary Education/Exceptional Student Education/ESOL/Reading	3.5	54
4	**Florida A&M University**	Elementary Education/ESOL/Reading	3.4	117
4	**Florida International University**	Elementary Education/ESOL/Reading	3.4	785
4	**Saint Leo University**	Elementary Education/ESOL/Reading	3.4	523
4	**University of Florida**	Elementary Education/ESOL/Reading	3.4	387
4	**University of South Florida, St. Petersburg**	Elementary Education/Exceptional Student Education/ESOL/Reading	3.4	432
9	**Southeastern University**	Elementary Education/ESOL/Reading	3.3	120
9	**Southeastern University**	Exceptional Student Education/ Elementary Education/ESOL/ Reading/Autism Spectrum Disorders	3.3	26
11	**Barry University**	Elementary Education/ESOL/Reading	3.2	40
11	**Chipola College**	Elementary Education/ESOL/Reading	3.2	123
11	**University of Florida**	Elementary Education/Exceptional Student Education/ESOL/Reading	3.2	198
11	**University of North Florida**	Elementary Education/ESOL	3.2	671
11	**University of West Florida**	Elementary Education/ESOL/Reading	3.2	161
16	**Bethune-Cookman University**	Elementary Education/ESOL/Reading	3.0	29
16	**Flagler College**	Elementary Education/ESOL/Reading	3.0	238
16	**Florida Gulf Coast University**	Elementary Education/ESOL/Reading	3.0	477
16	**Florida State University**	Elementary Education/ESOL/Reading	3.0	491
16	**Indian River State College**	Elementary Education/ESOL/Reading	3.0	55

Rank	Institution	Program	Summative Score	Number of Completers
16	**Northwest Florida State College**	Elementary Education/ESOL/Reading	3.0	156
16	**St. Petersburg College**	Elementary Education/ESOL/Reading	3.0	395
16	**University of South Florida, Sarasota Manatee**	Elementary Education/ESOL/Reading	3.0	248
24	**Flagler College**	Elementary Education/Hearing Impaired/ESOL/Reading	2.8	208
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37	**Daytona State College**	Elementary Education/ESOL/Reading	2.4	266
37	**Florida College**	Elementary Education/ESOL/Reading	2.4	41
37	**Stetson University**	Elementary Education/ESOL	2.4	98
37	**University of Central Florida**	Elementary Education/ESOL/Reading	2.4	2,479
41	**Baptist College of Florida**	Elementary Education/ESOL/Reading	2.3	16
42	**University of Miami**	Elementary Education/Exceptional Student Education/ESOL/Reading	2.2	80
43	**University of South Florida, St. Petersburg**	Elementary Education/ESOL/Reading	1.8	47

Full program ratings, including all subscores, can be found in Appendix E.

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

FIGURE 12
2020 Rankings Summary Table
English and Reading Programs

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

Rank	Institution	Program	Summative Score	Number of Completers
1	**Saint Leo University**	Reading	3.8	175
2	**University of Florida**	English/ESOL	3.7	60
3	**Florida International University**	Reading	3.6	173
3	**Florida Memorial University**	Reading/ESOL	3.6	22
3	**Nova Southeastern University**	Reading	3.6	40
3	**University of Central Florida**	Reading	3.6	146
7	**Florida International University**	English/ESOL	3.5	28
8	**Barry University**	Reading	3.4	154
8	**Florida Atlantic University**	English/ESOL	3.4	91
8	**Florida Atlantic University**	Reading	3.4	58
11	**Saint Leo University**	Middle Grades English/ ESOL/Reading	3.2	43
11	**University of North Florida**	English/ESOL	3.2	69
11	**University of South Florida, Tampa**	Reading	3.2	252
11	**University of West Florida**	Reading	3.2	71
15	**Chipola College**	English Education/ESOL	3.0	20
15	**Florida State University**	English/ESOL	3.0	160
15	**University of Central Florida**	English/ESOL	3.0	277
15	**University of South Florida, St. Petersburg**	Reading	3.0	56
19	**University of South Florida, Tampa**	English/ESOL	2.8	568
19	**University of Tampa**	English/ESOL	2.8	18
21	**Flagler College**	English/ESOL	2.6	19

Full program ratings, including all subscores, can be found in Appendix F.

The average score for English and/or Reading programs is 3.3, higher than the average of 3.0 for all programs and unchanged from last year.

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Finding: The highest ranked programs for mathematics are *Middle Grades Mathematics at Indian River State College* and *Mathematics at Nova Southeastern University*. The program at Indian River State College has been top ranked four out of the last five years.

</div>

FIGURE 13
2020 Rankings Summary Table
Mathematics Programs

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

Rank	Institution	Program	Summative Score	Number of Program Completers
1	**Indian River State College**	Middle Grades Mathematics	3.8	59
1	**Nova Southeastern University**	Mathematics	3.8	21
3	**Florida Gulf Coast University**	Mathematics	3.5	34
3	**University of South Florida, Tampa**	Middle Grades Mathematics	3.5	132
5	**Florida State University**	Mathematics	3.4	67
5	**St. Petersburg College**	Middle Grades Mathematics	3.4	30
7	**Broward College**	Mathematics	3.3	23
7	**Saint Leo University**	Middle Grades Mathematics	3.3	33
9	**Daytona State College**	Mathematics	3.2	13
9	**Miami Dade College**	Mathematics	3.2	38
9	**University of South Florida, Tampa**	Mathematics	3.2	248
12	**Northwest Florida State College**	Middle Grades Mathematics	3.0	13
12	**University of Central Florida**	Mathematics	3.0	190
12	**University of North Florida**	Middle Grades Math/ Middle Grades General Science	3.0	32
15	**Broward College**	Middle Grades Mathematics	2.8	21
15	**Florida Atlantic University**	Mathematics	2.8	27
15	**University of Central Florida**	Middle Grades Mathematics	2.8	13
15	**University of North Florida**	Mathematics	2.8	41

Full program ratings, including all subscores, can be found in Appendix G.

The average rating for mathematics programs is 3.2, higher than the average for all programs of 3.0 and an increase from last year's average of 3.1.

FIGURE 14
Average Summative Score by Program Type

AVERAGE SUMMATIVE SCORE BY PROGRAM TYPE	
English/Reading Programs	3.3
Mathematics Programs	3.2
All Programs	3.1
Elementary Programs	2.9

NUMBER OF PROGRAMS
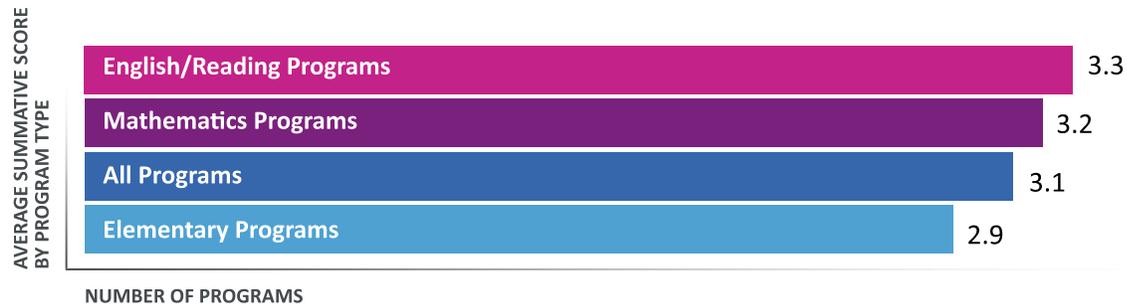
Progress Trends

Finding: Considerably more programs' summative scores went up than dropped between 2019 and 2020. Forty-one programs improved their summative scores, while 22 programs' scores decreased.

FIGURE 15
Change in Program Performance Scores 2019-2020

CHANGE IN SUMMATIVE SCORES	
Higher	41
Lower	22
Unchanged	14
N/A	5 *(Not ranked in 2019)*

NUMBER OF PROGRAMS
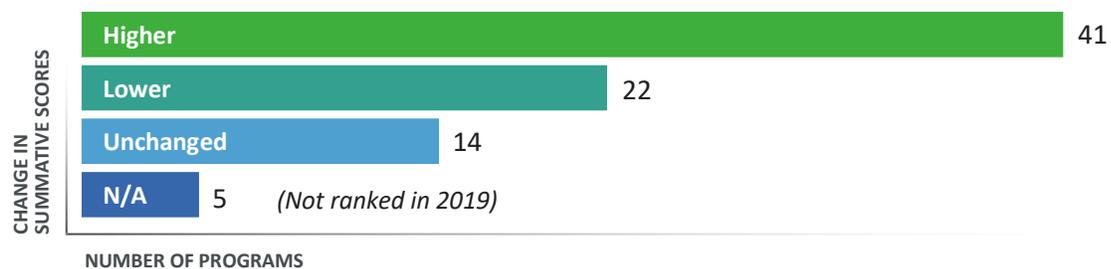
Finding: *Elementary/ESOL/Reading at Florida Atlantic University* had the greatest increase in summative score, rising from a 2.6 in 2019 to a 3.8 this year, the highest overall summative score for 2020. *Elementary Education/ESOL/Reading at University of South Florida, St. Petersburg* had the greatest decrease of any program, dropping from a 3.0 in 2019 to a 1.8 in 2020.

FIGURE 16
Summary Table - Program Summative Scores 2019-2020

Institution Name	Program Name	2020 Score	2019 Score	Progress Trend
Baptist College of Florida	Elementary Education/ESOL/ Reading	2.3	n/a	
Barry University	Elementary Education/ ESOL/Reading	3.2	3.0	↑
Barry University	Reading	3.4	3.6	↓
Bethune-Cookman University	Elementary Education/ESOL/ Reading	3.0	2.8	↑
Broward College	Mathematics	3.3	3.0	↑
Broward College	Middle Grades Mathematics	2.8	3.4	↓
Chipola College	Elementary Education/ESOL/ Reading	3.2	3.0	↑
Chipola College	English Education/ESOL	3.0	2.8	↑
Daytona State College	Elementary Education/ESOL/ Reading	2.4	2.6	↓
Daytona State College	Mathematics	3.2	2.8	↑
Flagler College	Elementary Education/ESOL/ Reading	3.0	2.6	↑
Flagler College	Elementary Education/Exceptional Student Education/ ESOL/Reading	3.5	3.2	↑
Flagler College	Elementary Education/Hearing Impaired/ESOL/Reading	2.8	3.2	↓
Flagler College	English/ESOL	2.6	3.5	↓
Florida A&M University	Elementary Education/ESOL/ Reading	3.4	3.4	<–>
Florida Atlantic University	Elementary Education/ESOL/ Reading	3.8	2.6	↑
Florida Atlantic University	English/ESOL	3.4	3.4	<–>
Florida Atlantic University	Mathematics	2.8	3.4	↓
Florida Atlantic University	Reading	3.4	3.2	↑
Florida College	Elementary Education/ESOL	2.4	2.8	↓
Florida Gulf Coast University	Elementary Education/ESOL/ Reading	3.0	2.6	↑
Florida Gulf Coast University	Mathematics	3.5	2.8	↑

Institution Name	Program Name	2020 Score	2019 Score	Progress Trend
Florida International University	Elementary Education/ESOL/ Reading	3.4	3.2	↑
Florida International University	English/ESOL	3.5	3.4	↑
Florida International University	Reading	3.6	3.6	<–>
Florida Memorial University	Elementary Education/ESOL	3.6	3.0	↑
Florida Memorial University	Reading/ESOL	3.6	3.3	↑
Florida Southern College	Elementary Education/ESOL	2.8	3.0	↓
Florida SouthWestern State College	Elementary Education/ESOL/ Reading	2.8	2.4	↑
Florida State University	Elementary Education/ESOL/ Reading	3.0	2.8	↑
Florida State University	English/ESOL	3.0	3.0	<–>
Florida State University	Mathematics	3.4	3.4	<–>
Indian River State College	Elementary Education/ESOL/ Reading	3.0	n/a	
Indian River State College	Middle Grades Mathematics	3.8	3.2	↑
Jacksonville University	Elementary Education/ESOL/ Reading	2.8	2.4	↑
Lynn University	Elementary Education/ESOL/ Reading	2.8	2.8	<–>
Miami Dade College	Mathematics	2.8	3.0	↓
Northwest Florida State College	Elementary Education/ESOL/ Reading	3.2	3.0	↑
Northwest Florida State College	Middle Grades Mathematics	3.0	3.5	↓
Nova Southeastern University	Elementary Education/ESOL/ Reading	2.5	2.8	↓
Nova Southeastern University	Mathematics	3.8	n/a	
Nova Southeastern University	Reading	3.6	3.8	↓
Palm Beach Atlantic University	Elementary Education/ESOL	2.8	2.2	↑
Rollins College	Elementary Education/ESOL	2.6	1.8	↑
Saint Leo University	Elementary Education/ESOL/ Reading	3.4	2.8	↑
Saint Leo University	Middle Grades English/ESOL/ Reading	3.2	3.8	↓
Saint Leo University	Middle Grades Mathematics	3.3	n/a	
Saint Leo University	Reading	3.8	3.6	↑
South Florida State College	Elementary Education/ESOL/ Reading	2.5	n/a	
Southeastern University	Elementary Education/ESOL/ Reading	3.3	2.8	↑
Southeastern University	Exceptional Student Education/ Elementary Education/ESOL/ Reading/Autism Spectrum Disorders	3.3	3.0	↑
St. Petersburg College	Elementary Education/ESOL/ Reading	3.0	2.4	↑
St. Petersburg College	Middle Grades Mathematics	3.4	2.8	↑
Stetson University	Elementary Education/ESOL	2.4	2.8	↓

Institution Name	Program Name	2020 Score	2019 Score	Progress Trend
University of Central Florida	Elementary Education/ESOL/ Reading	2.4	2.2	↑
University of Central Florida	English/ESOL	3.0	2.9	↑
University of Central Florida	Mathematics	3.0	3.4	↓
University of Central Florida	Middle Grades Mathematics	2.8	3.0	↓
University of Central Florida	Reading	3.6	3.4	↑
University of Florida	Elementary Education/ESOL/ Reading	3.4	3.0	↑
University of Florida	Elementary Education/Exceptional Student Education/ ESOL/Reading	3.2	3.2	<–>
University of Florida	English/ESOL	3.7	3.2	↑
University of Miami	Elementary Education/ Exceptional Student Education/ESOL/Reading	2.2	2.3	↓
University of North Florida	Elementary Education/ESOL	3.2	2.6	↑
University of North Florida	English/ESOL	3.2	2.6	↑
University of North Florida	Mathematics	2.8	2.8	<–>
University of North Florida	Middle Grades Math/ Middle Grades General Science	3.0	3.2	↓
University of South Florida, Sarasota Manatee	Elementary Education/ESOL	3.0	2.6	↑
University of South Florida, St. Petersburg	Elementary Education/ESOL/ Reading	1.8	3.0	↓
University of South Florida, St. Petersburg	Elementary Education/ Exceptional Student Education/ ESOL/Reading	3.4	3.4	<–>
University of South Florida, St. Petersburg	Reading	3.0	3.2	↓
University of South Florida, Tampa	Elementary Education/ESOL	2.6	2.4	↑
University of South Florida, Tampa	English/ESOL	2.8	2.6	↑
University of South Florida, Tampa	Mathematics	3.2	3.2	<–>
University of South Florida, Tampa	Middle Grades Mathematics	3.5	3.0	↑
University of South Florida, Tampa	Reading	3.2	3.2	<–>
University of Tampa	Elementary Education/ESOL/ Reading	2.8	2.8	<–>
University of Tampa	English/ESOL	2.8	3.2	↓
University of West Florida	Elementary Education/ESOL/ Reading	3.2	3.2	<–>
University of West Florida	Elementary Education/Exceptional Student Education/ESOL/Reading	2.6	2.4	↑
University of West Florida	Reading	3.2	3.2	<–>
Warner University	Elementary Education/ESOL	2.6	3.4	↓

FIGURE 17
Programs with Biggest Increases and Decreases

Institution	Program	Change in Score 2019 to 2020	Number of Program Completers
Florida Atlantic University	Elementary Education/ESOL/ Reading	+1.2 ↑	1,317
University of South Florida, St. Petersburg	Elementary Education/ESOL/ Reading	-1.2 ↓	47
Flagler College	English/ESOL	-0.9 ↓	19
Rollins College	Elementary Education/ESOL	+0.8 ↑	83
Warner University	Elementary Education/ESOL	-0.8 ↓	46
Florida Gulf Coast University	Mathematics	+0.7 ↑	34

Analysis of Performance Metrics

Performance Metric 1: Placement Rate

Placement rate refers to 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.[15]

In general, a high placement rate indicates that program graduates 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, which 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. It is also possible that a low placement rate indicates that a program's graduates are working as teachers out of state or in private schools or other settings not tracked by their institutions.

Scoring for this metric addresses the implicit differences in demand for certain types of teachers 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.

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[15] Program completers employed in a private or out-of-state school their first or second year following program completion are also included if data are reported by the program and have been verified.

FIGURE 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: 181 out of 318 programs (57 percent) received a placement rate score for 2020. Among the programs receiving a score, the average placement rate score was 2.96, the first downward trend since 2016.

FIGURE 19
Average Placement Rate Score

2014	2015	2016	2017	2018	2019	2020
3.06	2.95	2.86	2.96	2.98	3.00	2.96
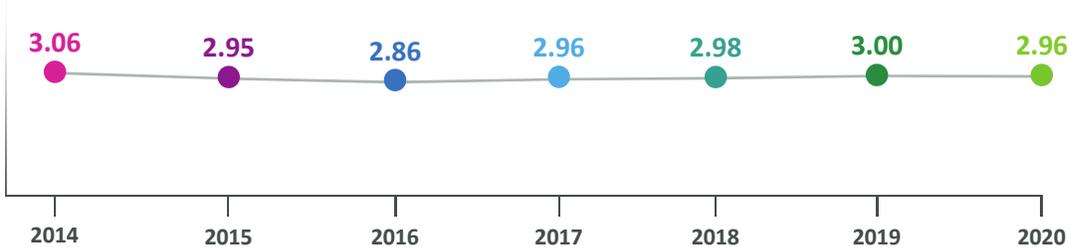
FIGURE 20
Distribution of Placement Rate Scores
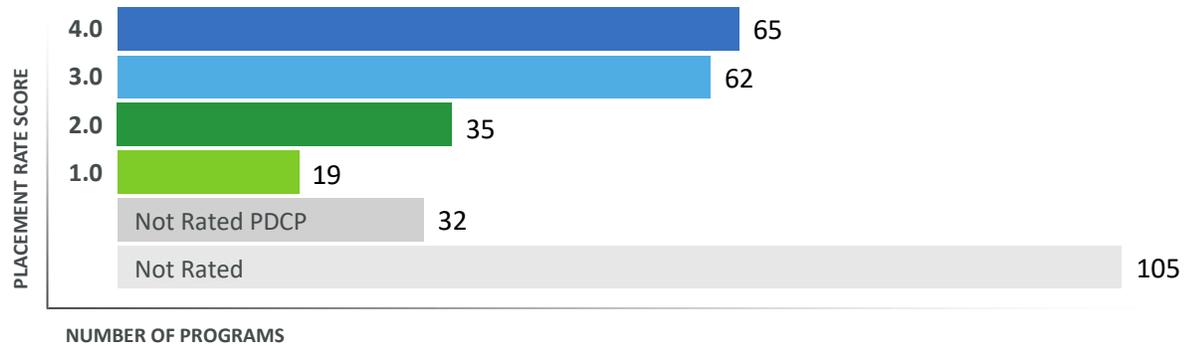
Placement rate is not applicable to Professional Development Certification Programs, since candidates in these programs are already employed as teachers. This contributes to the high percentage of programs not rated on this metric, but many non-PDCPs are also not rated. The percentage of non-PDCP programs not rated increased this year to 33 percent from 27 percent in 2019.

FIGURE 21
Programs Receiving the Highest Score (4.0) for Placement Rate

Institution	Program	Number of New Teachers Placed
Barry University	Reading	21
Bethune-Cookman University	Exceptional Student Education/ ESOL/Reading	5
Broward College	Exceptional Student Education/ ESOL/Reading	55
Broward College	Mathematics	9
Daytona State College	Educator Preparation Institute	11
Daytona State College	Exceptional Student Education/ ESOL/Reading	13
Daytona State College	Mathematics	5
Flagler College	Social Science	4
Florida A&M University	Elementary Education/ESOL/Reading	19
Florida A&M University	Pre-K-Primary Education/ESOL/Reading	6
Florida Atlantic University	Biology/Chemistry/Physics	8
Florida Atlantic University	Elementary Education/ESOL/Reading	186
Florida Atlantic University	Guidance and Counseling	11

Institution	Program	Number of New Teachers Placed
Florida Atlantic University	Music	3
Florida Gateway College	Educator Preparation Institute	5
Florida Gulf Coast University	Educator Preparation Institute	8
Florida Gulf Coast University	Mathematics	8
Florida Gulf Coast University	Pre-K-Primary Education/ESOL/Reading/PreK-Primary Disabilities	15
Florida International University	Art	7
Florida International University	English/ESOL	6
Florida International University	Exceptional Student Education/ ESOL/Reading	24
Florida International University	School Psychologist	6
Florida Memorial University	Elementary Education/ESOL	3
Florida Memorial University	Reading/ESOL	5
Florida Southern College	Elementary Education/ESOL/Reading	31
Florida Southwestern State College	Elementary Education/ESOL/Reading	39
Florida State College at Jacksonville	Educator Preparation Institute	3
Florida State University	School Psychologist	10
Gulf Coast State College	Educator Preparation Institute	22
Hillsborough Community College	Educator Preparation Institute	96
Indian River State College	Biology/Middle Grades General Science	11
Indian River State College	Educator Preparation Institute	14
Indian River State College	Middle Grades Mathematics	11
Miami Dade College	Educator Preparation Institute	28
Miami Dade College	Preschool Education/PreK-Primary Education/ESOL/Reading/PreK-Primary Disabilities	22
Palm Beach State College	Educator Preparation Institute	26
Pasco-Hernando State College	Educator Preparation Institute	39
Polk State College	Educator Preparation Institute	46
Saint Leo University	Elementary Education/ESOL/Reading	53
Saint Leo University	Reading	25
Santa Fe College	Educator Preparation Institute	20
Seminole State College	Educator Preparation Institute	17
St. Johns River State College	Educator Preparation Institute	33
St. Petersburg College	Biology/Middle Grades General Science	3
St. Petersburg College	Educator Preparation Institute	26

Institution	Program	Number of New Teachers Placed
St. Petersburg College	Elementary Education/ESOL/Reading	56
St. Petersburg College	Exceptional Student Education/ESOL/Reading	34
St. Petersburg College	Middle Grades Mathematics	3
St. Petersburg College	Pre-K-Primary Education/ESOL/Reading	15
State College of Florida, Manatee-Sarasota	Educator Preparation Institute	38
Stetson University	Music	5
University of Central Florida	English/ESOL	37
University of Central Florida	Mathematics	24
University of Central Florida	Music	10
University of Florida	Art	3
University of Florida	Educator Preparation Institute	12
University of Florida	Elementary Education/ESOL/Reading	49
University of Florida	English/ESOL	8
University of Florida	Music	9
University of Florida	Social Science	5
University of North Florida	Guidance and Counseling	26
University of South Florida, St. Petersburg	Elementary Education/Exceptional Student Education/ ESOL/Reading	59
University of South Florida, Tampa	English/ESOL	86
University of South Florida, Tampa	PreK-Primary Education/ESOL/Reading	44
University of West Florida	Physical Education	7

Twenty-four of the 65 programs that received the highest score for new teacher placement placed less than ten teachers. In addition, given the national focus on the need for more STEM (science, technology, engineering and mathematics) teachers, programs producing these teachers do not appear more likely to have higher placement rates than programs producing other types of teachers. It is also notable that more than two-thirds of Educator Preparation Institutes (17 out of 24 programs) received the highest score for new teacher placement.

FIGURE 22
Subject Matter of Programs Receiving Highest Placement Scores

n=65

Other 7

Math and Science 9

Educator Preparation Institute 17

Early Childhood/Elementary 14

Art/Music 6

Reading 3

Special Education 5

Guidance/School Psychologist 4
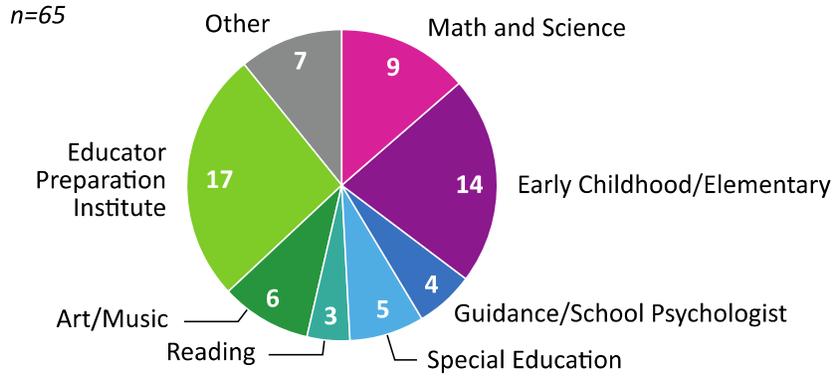
FIGURE 23
Average Score for Placement Rate by Program Type

EPI

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

Private IHE

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

State College

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

State University

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

All Programs

2014	2015	2016	2017	2018	2019	2020
3.06	2.95	2.86	2.96	2.98	3.0	2.96
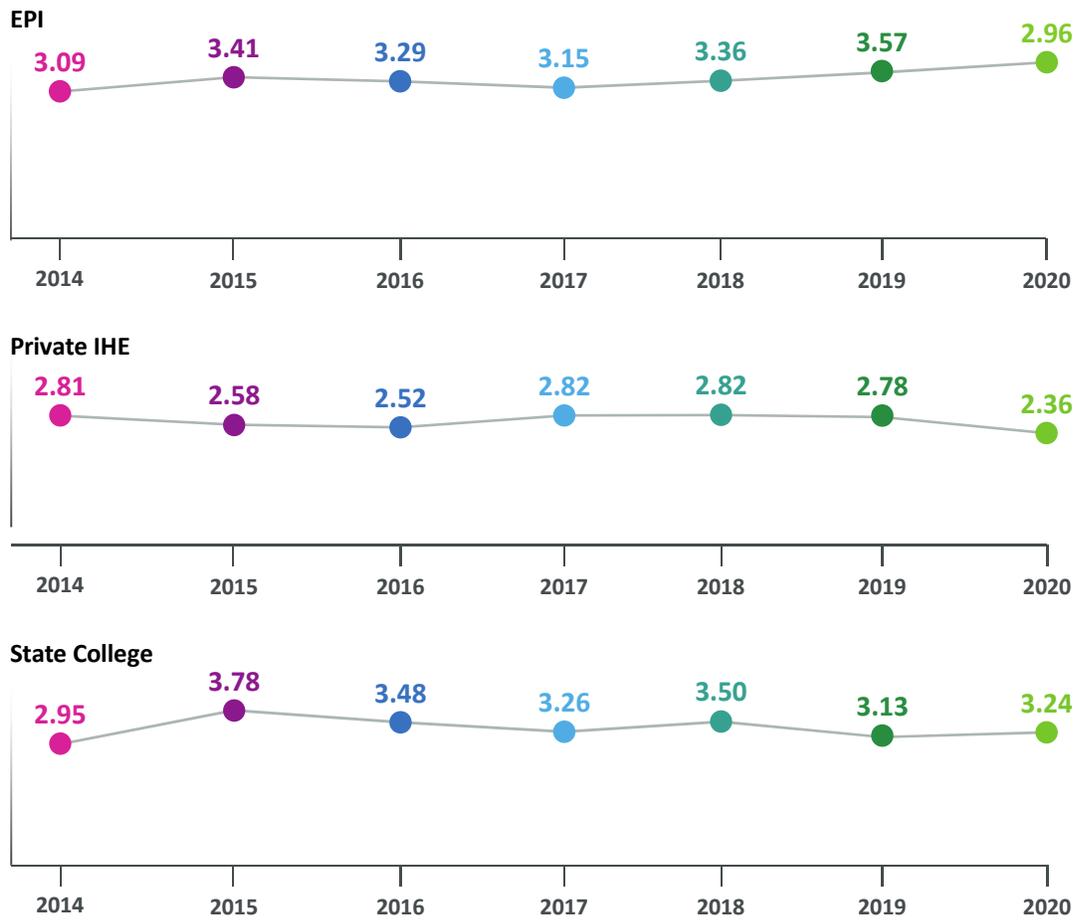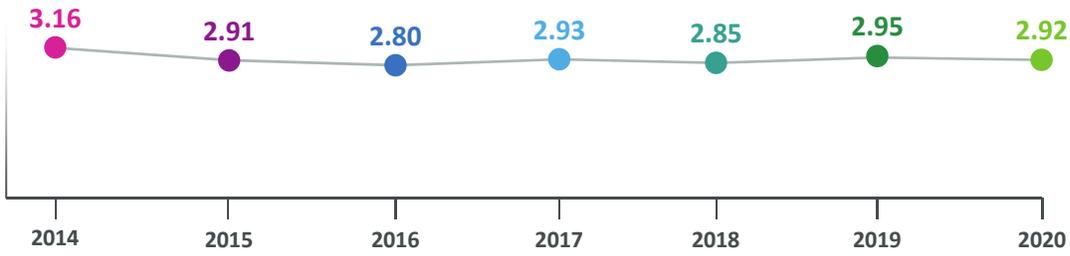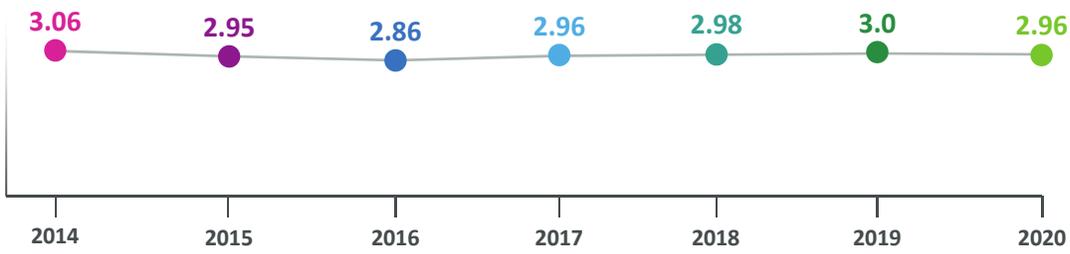
FIGURE 24

Placement Rate Score Distribution by Program Type
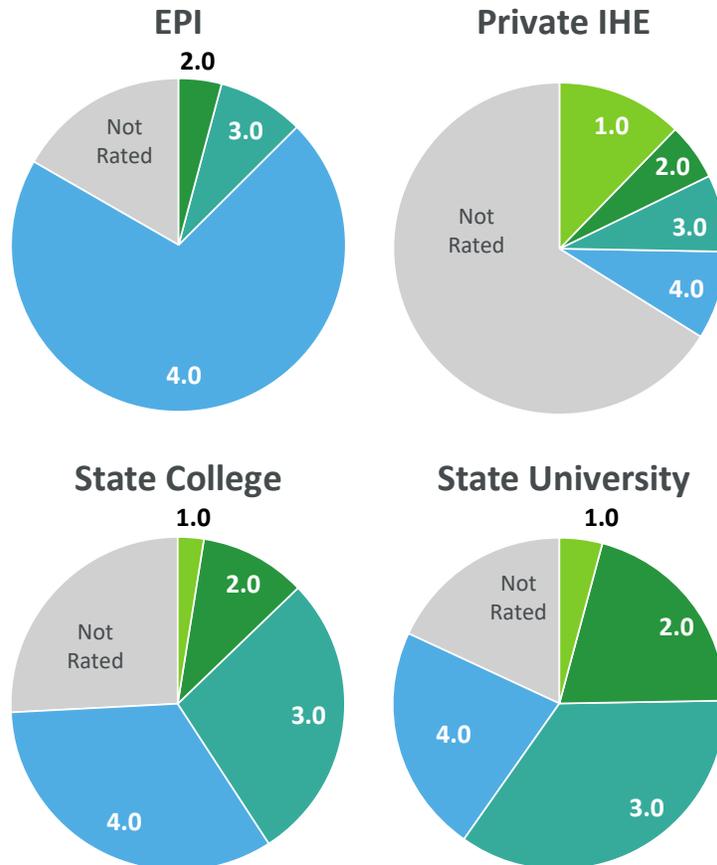
> **Finding: Initial teacher preparation programs at private colleges and universities account for two-thirds of programs not receiving a rating on this metric. The proportion has increased significantly from past years. The average placement rating for these programs has also declined substantially.**

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.[16]

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.[17] 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.[18]

FIGURE 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.

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[16] Program completers employed in a private or out-of-state school their first or second year following program completion are also included if data are reported by the program and have been verified.

[17] See "Public School Teacher Attrition and Mobility in the First Five Years" from the U.S. Department of Education's National Center for Education Statistics. Data are national and not broken out by state. *http://nces.ed.gov/pubs2015/2015337.pdf.*

[18] Ingersoll, R., Merrill, L., & May, H. (2014). What Are the Effects of Teacher Education and Preparation on Beginning Teacher Attrition? CPRE Research Report #RR-82. Philadelphia: Consortium for Policy Research in Education. *DOI:10.12698/cpre.2014.rr82.*

Finding: Only 194 out of 318 programs (61 percent) received a retention rate score for 2019. All but three rated programs received a score of 3.0 or 4.0. *Florida International University's Mathematics* program*; Lynn University's Elementary Education/ESOL/ Reading* program *and the University of South Florida, Tampa's Chinese/French/ German/Italian/Japanese/Latin/Russian/Spanish/ESOL* programs were the only programs to receive a score of 2.0. The average retention rate score was 3.4, up slightly from last year.

FIGURE 26
Average Retention Rate Score
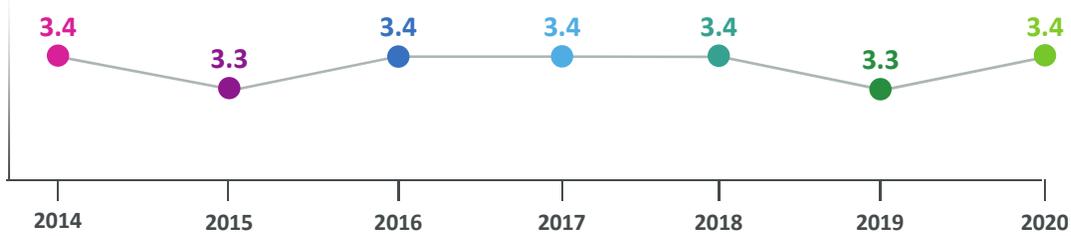
FIGURE 27
Distribution of Retention Rate Scores

NUMBER OF PROGRAMS
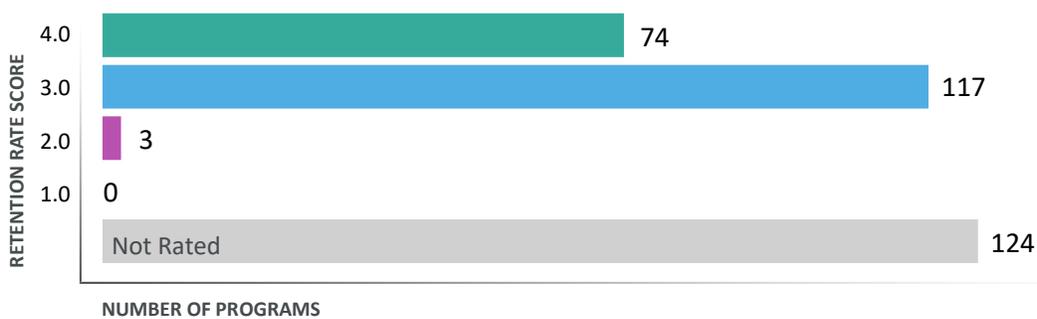
FIGURE 28
Programs Receiving the Highest Score (4.0) for Retention Rate

Institution	Program
Alachua County	Professional Development Certification Program
Barry University	Elementary Education/ESOL/Reading
Barry University	Reading
Bethune-Cookman University	Elementary Education/ESOL/Reading
Bethune-Cookman University	Music
Broward County	Professional Development Certification Program
Chipola College	Elementary Education/ESOL/Reading
Chipola College	Exceptional Student Education/ESOL/Reading
Daytona State College	Biology/Chemistry/Earth-Space Science/Physics
Daytona State College	Elementary Education/ESOL/Reading
Daytona State College	Exceptional Student Education/ESOL/Reading
Daytona State College	Mathematics
Escambia County	Professional Development Certification Program
Flagler College	Elementary Education/Hearing Impaired/ESOL/Reading
Florida A&M University	Elementary Education/ESOL/Reading
Florida A&M University	Guidance and Counseling
Florida Atlantic University	English/ESOL
Florida Atlantic University	Guidance and Counseling
Florida Atlantic University	Reading
Florida Gulf Coast University	Guidance and Counseling
Florida Gulf Coast University	Social Science
Florida International University	Art
Florida International University	Elementary Education/ESOL/Reading
Florida International University	Guidance and Counseling
Florida International University	PreK-Primary Education/ESOL
Florida International University	Reading
Florida Memorial University	Elementary Education/ESOL
Florida Memorial University	Reading/ESOL
Florida Southern College	Music
Florida Southern College	Social Science

Institution	Program
Florida State University	Biology/Chemistry/Earth-Space Science/Physics
Florida State University	English/ESOL
Florida State University	School Psychologist
Florida State University	Visually Impaired
Gulf Coast State College	Educator Preparation Institute
Indian River State College	Middle Grades Mathematics
Jacksonville University	Elementary Education/ESOL/Reading
Manatee County	Professional Development Certification Program
Miami Dade College	Mathematics
Northwest Florida State College	Elementary Education/ESOL/Reading
Nova Southeastern University	Exceptional Student Education/ESOL
Nova Southeastern University	Mathematics
Nova Southeastern University	School Psychologist
Palm Beach Atlantic University	Art
Pasco County	Professional Development Certification Program
Saint Leo University	Elementary Education/ESOL/Reading
Saint Leo University	Exceptional Student Education/ESOL/Reading
Saint Leo University	Middle Grades English/ESOL/Reading
Saint Leo University	Middle Grades Social Science/Reading
Saint Leo University	Reading
Santa Rosa County	Professional Development Certification Program
Southeastern University	Elementary Education/ESOL/Reading
St. Johns River State College	Pre-K-Primary Education/ESOL/Reading
St. Petersburg College	Biology/Middle Grades General Science
St. Petersburg College	Exceptional Student Education/ESOL/Reading
St. Petersburg College	Middle Grades Mathematics
Stetson University	Music
University of Central Florida	Art
University of Central Florida	Music
University of Central Florida	Reading
University of Central Florida	School Psychologist
University of North Florida	English/ESOL
University of North Florida	Exceptional Student Education/ESOL

Institution	Program
University of South Florida, Sarasota Manatee	Elementary Ed/ESOL/Reading
University of South Florida, St. Petersburg	Elementary Education/Exceptional Student Education/ESOL/Reading
University of South Florida, St. Petersburg	Reading
University of South Florida, Tampa	English/ESOL
University of South Florida, Tampa	Guidance and Counseling
University of South Florida, Tampa	Middle Grades Mathematics
University of South Florida, Tampa	Music
University of South Florida, Tampa	Physical Education
University of Tampa	English/ESOL
University of West Florida	Reading
Warner University	Elementary Education/ESOL

FIGURE 29
Average Score for Retention Rate by Program Type

EPI

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

PDCP

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

Private IHE

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

State College

2014	2015	2016	2017	2018	2019	2020
3.4	3.5	3.9	3.7	3.6	3.4	3.7

State University

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

All Programs

2014	2015	2016	2017	2018	2019	2020
3.4	3.3	3.4	3.4	3.4	3.3	3.4
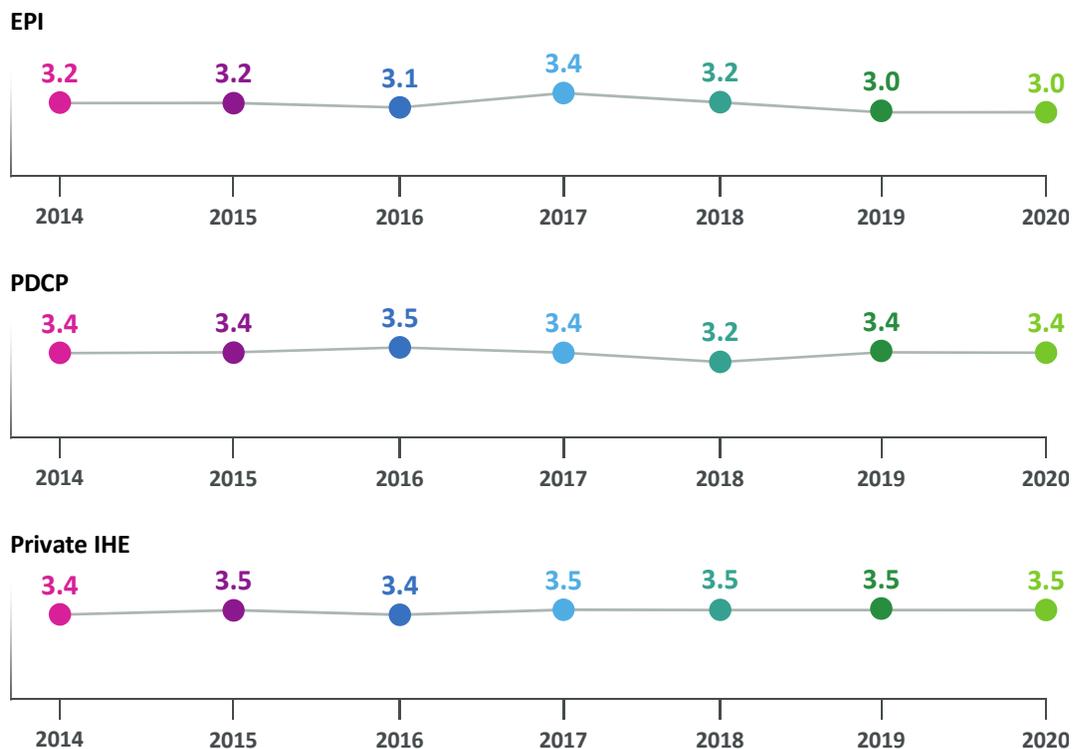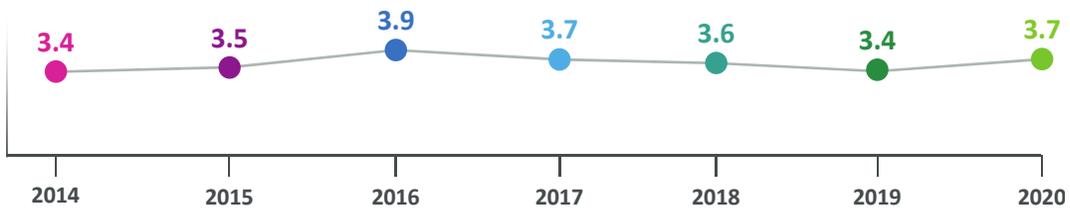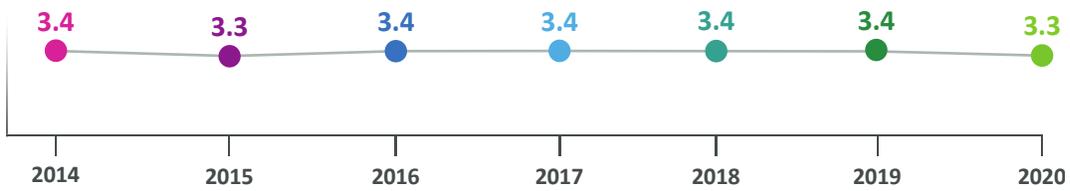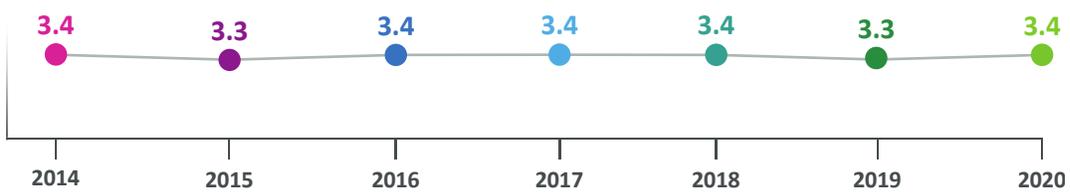
Finding: Educator Preparation Institutes lag behind other programs in terms of average retention scores. EPI's score highly on placement, presumably because many candidates are already teachers of record. Yet their retention scores are lower. Only one EPI program, *Gulf Coast State College*, received a 4.0 rating on this metric.

FIGURE 30
Retention Rate Score Distribution by Program Type
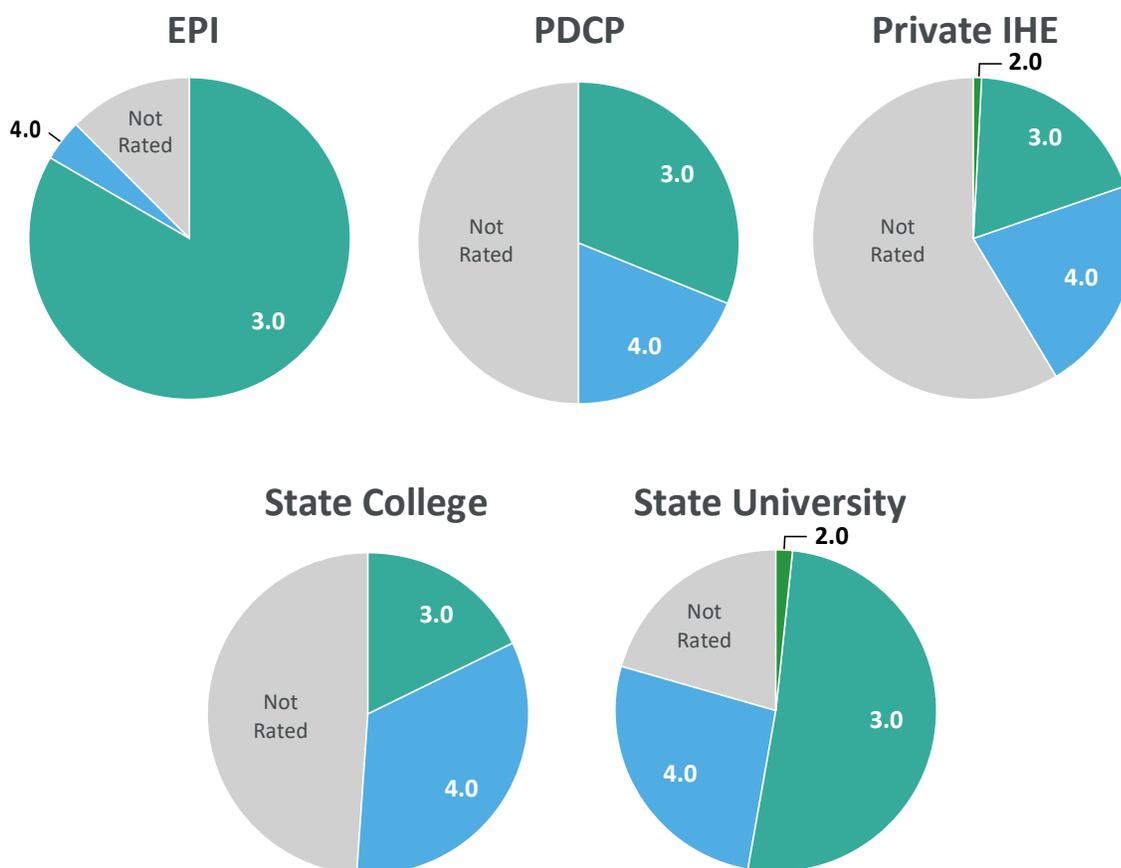
Performance data on this metric continue to suggest that Florida has a much lower rate of new teacher attrition than the national numbers from the National Center for Education Statistics and other published reports[19], which generally indicate significant numbers of new teachers leaving in their first few years.

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 graduates of 4.5 out of 5 years, which appears to set a rigorous standard.

As with placement rate, data are not available for many programs. It is possible that the inclusion of those data would result in a distribution that tracks more closely with the conventional narrative about new teacher attrition, or perhaps the conventional narrative is missing a key part of the story. These data show that very high percentages of new teachers are

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[19] See for example "On the Path to Equity: Improving the Effectiveness of Beginning Teachers" from the Alliance for Excellence Education. http://all4ed.org/reports-factsheets/path-to-equity/. In addition, this op-ed from the Orlando Sentinel is an example of the perception that Florida follows the national trend: http://www.orlandosentinel.com/opinion/os-teachers-leave-florida-scott-maxwell-20160521-column.html

employed in Florida public schools after five years, and that Florida preparation programs do an excellent job of producing teachers who remain employed in the state.

FDOE might want to explore available data further to determine whether there are programs that are particularly successful at preparing teachers who are retained in their initial positions, as opposed to teachers who may have had multiple positions in different schools and/or districts. As Florida appears to have mitigated a vexing issue that other states still struggle to address, deeper analysis would be of great use to the broader field. The Department might also take a closer look at the lower performance of EPIs and PDCPs compared to other programs, which is perhaps unexpected given that these candidates are already in place as teachers when they begin their training.

Performance Metric 3: Performance of Pre-K Through Grade 12 Students on Statewide Assessments

This metric evaluates the extent to which programs' graduates 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 used in teacher evaluation systems as required 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.[20]

Program scores for this metric are based on the performance of students assigned to in-field[21] 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.

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[20] More information of Florida's VAM model can be found at *http://www.FDOE.org/teaching/performance-evaluation/*
[21] Rule 6A-5.066, Florida Administrative Code, defines "In-field teacher" as an instructional employee assigned duties in a classroom teaching subject matter or providing direct support in the learning process of students in the area in which the instructional personnel is trained and certified.

FIGURE 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 percent.
Level 3	The probability that the average student learning growth among students taught by program completers exceeds the expectations for those students is < 5 percent; 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 percent.
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 percent.

This performance metric is currently not applicable to Educator Preparation Institutes and Professional Development Certification Programs, but will be beginning with the 2021 APPR.[22] Further, not all initial teacher preparation programs will have student learning growth scores. Only programs whose graduates teach courses that have associated statewide assessments in English language arts and mathematics will have the scores needed to evaluate this performance metric.

Finding: Just 86 programs received a score for student learning growth for 2020. The average program score for performance of students on statewide assessments was 2.86, the same as last year.

FIGURE 32
Average Performance by Students on Statewide Assessments Score

2014	2015	2016	2017	2018	2019	2020
2.78	3.02	2.78	2.87	2.91	2.86	2.86

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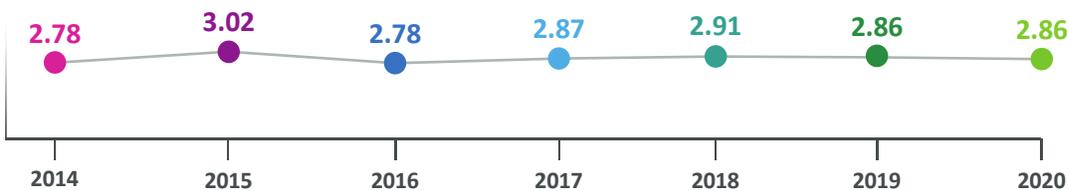
[22] FDOE continues to examine the complexities associated with applying this metric to these programs.

FIGURE 33

Distribution of Performance by Students on Statewide Assessments Scores
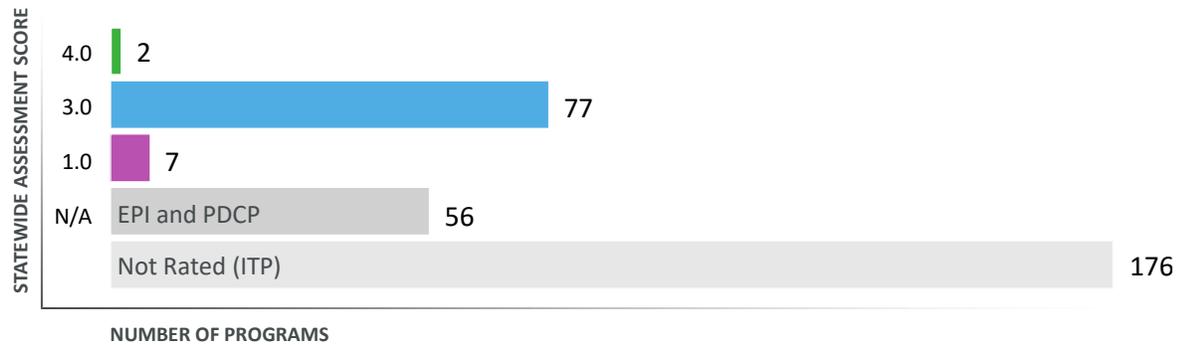
Most of the 176 initial teacher preparation programs that are not rated are in subject areas where there are no statewide assessments. About 25 of these programs are in subject areas including English and mathematics where corresponding statewide assessment data would be expected, although new teachers 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/ESOL/Reading at Florida Atlantic University* and *Reading at the University of Central Florida* **both received the highest score for student learning growth.**

FIGURE 34

Average Score for Student Learning Growth by Program Type

Private IHE

State College

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

State University

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

All Programs

| 2.78 | 3.02 | 2.78 | 2.87 | 2.91 | 2.86 | 2.84 |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
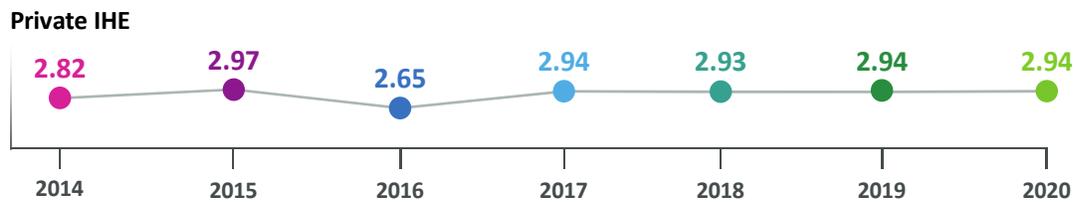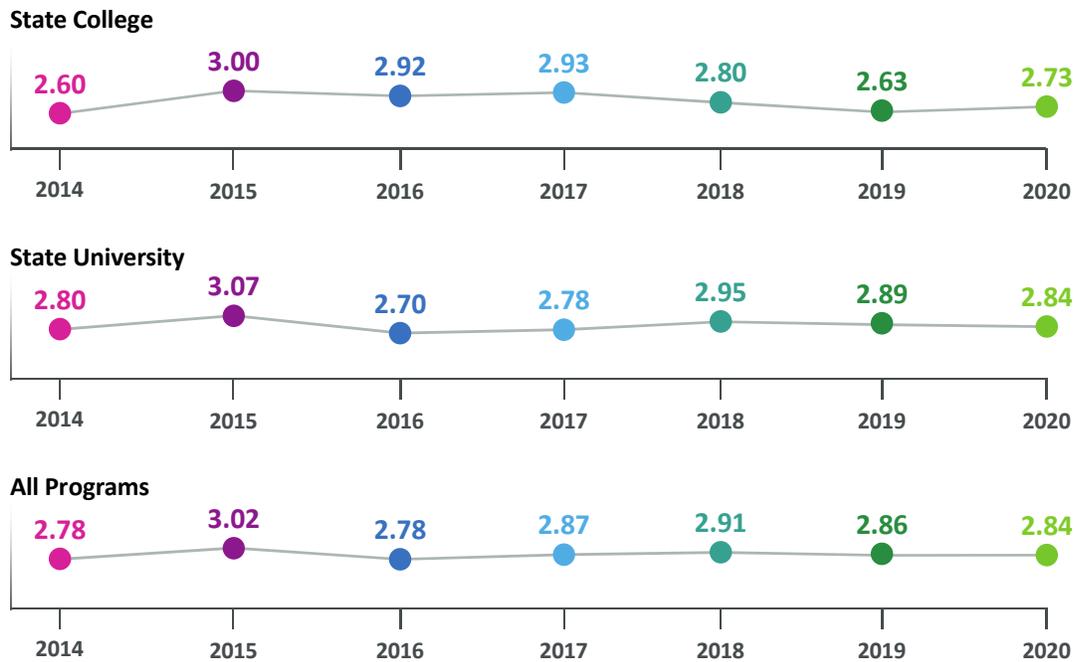
FIGURE 35
Distribution of Student Learning Growth Scores by Program Type
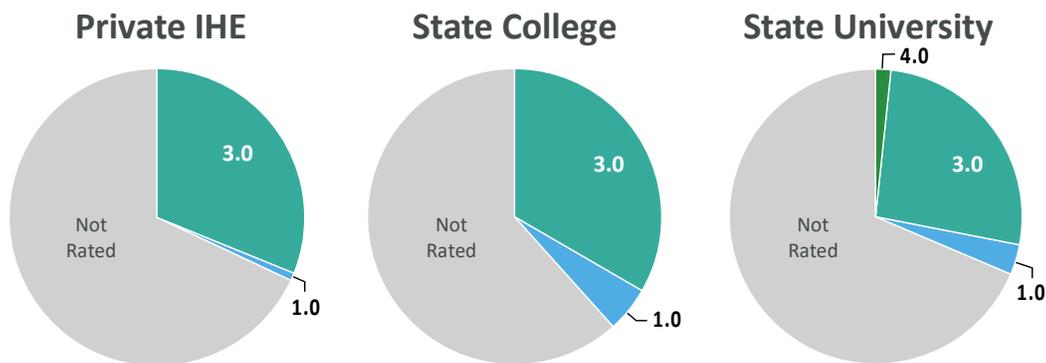
Performance Metric 4: Performance of Student Subgroups on Statewide Assessments

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.[23]

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, students eligible for free or reduced lunch, students with disabilities and English language learners. Unlike the previous metric, scoring for 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.

FIGURE 36
Performance by Student Subgroups on Statewide Assessments Scoring Rubric

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

As with the previous metric, student subgroup data are not yet available for EPIs and PDCPs. FDOE has indicated these data will be included in the 2021 APPR.

Finding: Of the 86 programs receiving a score for student subgroup performance on statewide assessments, the average program score for 2019 was 2.47.

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[23] The metric aligns to FDOE guiding principles and strategic plan. See *http://www.fldoe.org/core/fileparse.php/7734/urlt/2025ListMeasures.pdf*

FIGURE 37

Average Performance by Student Subgroups on Statewide Assessments Score

Year	Score
2014	2.51
2015	2.48
2016	2.56
2017	2.70
2018	2.58
2019	2.48
2020	2.47

FIGURE 38

Distribution of Performance by Student Subgroups on Statewide Assessments Scores

SUBGROUP STATEWIDE ASSESSMENT SCORE

Score	Number of Programs
4.0	22
3.0	19
2.0	22
1.0	23
N/A (EPI and PDCP)	56
Not Rated	176

NUMBER OF PROGRAMS
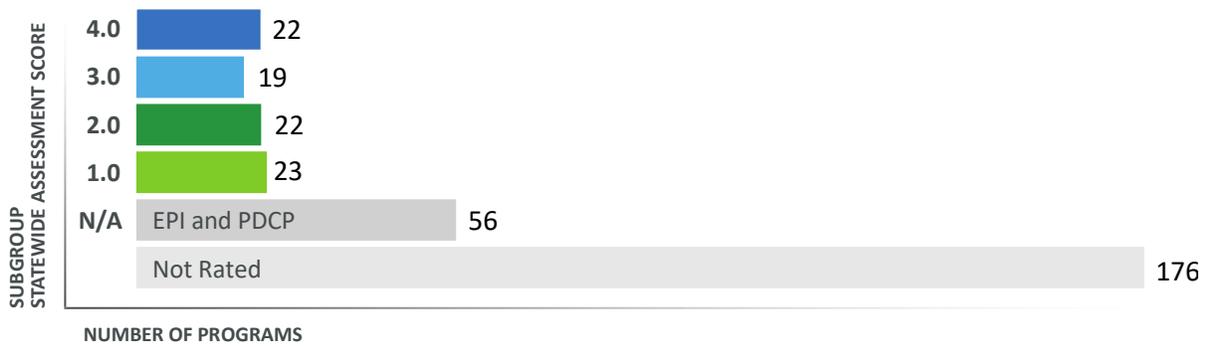
FIGURE 39

Programs Receiving the Highest Score (4.0) for Subgroup Student Learning Growth

Institution	Program
Barry University	Elementary Education/ESOL/Reading
Broward College	Middle Grades Mathematics
Flagler College	Elementary Education/Exceptional Student Education/ESOL/Reading
Florida Atlantic University	Elementary Education/ESOL/Reading
Florida Atlantic University	English/ESOL
Florida Atlantic University	Reading
Florida International University	Elementary Education/ESOL/Reading
Florida International University	English/ESOL
Florida International University	Reading
Florida Memorial University	Elementary Education/ESOL
Florida Memorial University	Reading/ESOL
Florida State University	Elementary Education/ESOL/Reading

Institution	Program
Florida State University	English/ESOL
Indian River State College	Middle Grades Mathematics
Lynn University	Elementary Education/ESOL/Reading
Nova Southeastern University	Mathematics
Nova Southeastern University	Reading
Palm Beach Atlantic University	English/ESOL
Saint Leo University	Reading
University of Central Florida	Reading
University of Florida	English/ESOL
University of South Florida, Tampa	Mathematics

Finding: Five 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; English/ESOL at Southeastern University; Elementary Education/ESOL/Reading at University of Central Florida; Elementary Education/ESOL/Reading at University of South Florida, St. Petersburg* **and** *English/ESOL at University of South Florida, Tampa.*

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

Private IHE

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

State College

2014	2015	2016	2017	2018	2019	2020
1.70	2.50	2.38	3.0	2.60	2.38	2.33

State University

2.70   2.63   2.68   2.57   2.81   2.57   2.57

2014   2015   2016   2017   2018   2019   2020

All Programs

2.51   2.48   2.56   2.70   2.58   2.48   2.47

2014   2015   2016   2017   2018   2019   2020
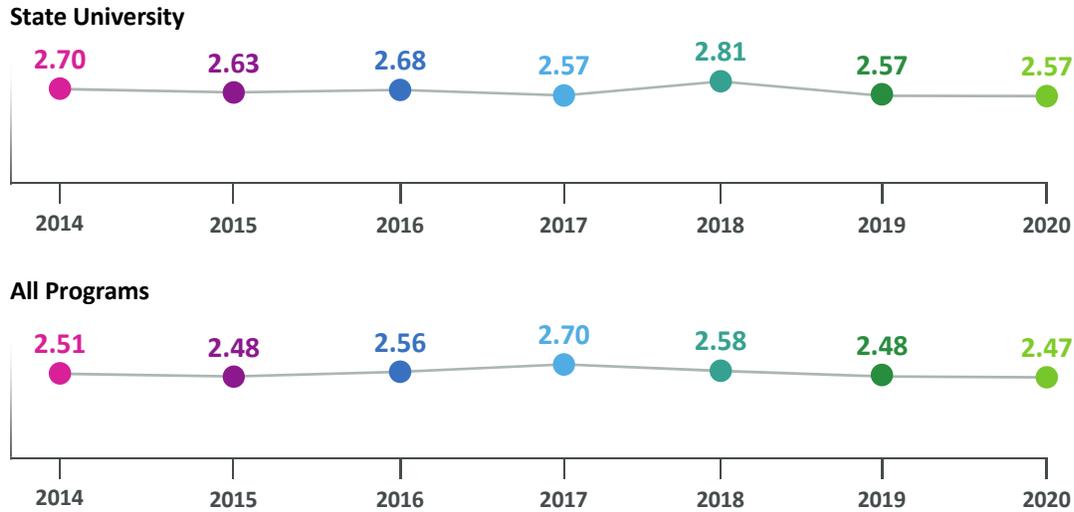
FIGURE 41

Distribution of Subgroup Student Learning Growth Scores by Program Type

Private IHE   State College   State University
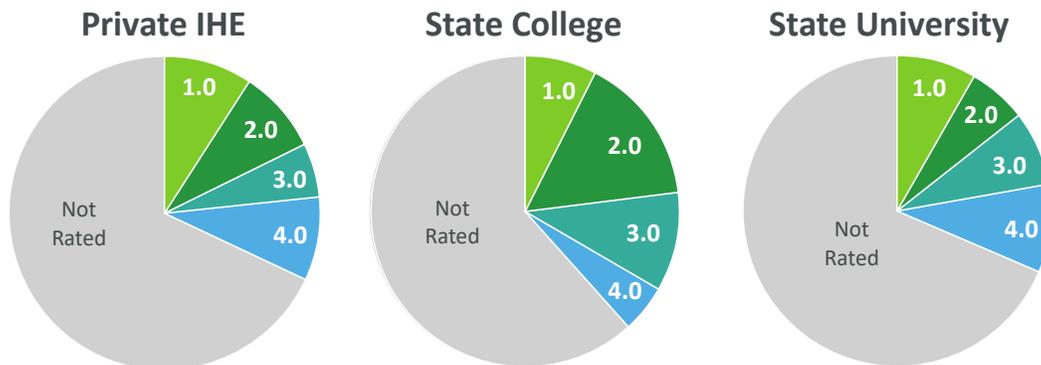
Performance Metric 5: Teacher Evaluations

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.[24]

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

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[24]Section 1012.34, Florida Statutes, articulates the state's teacher evaluation requirements.

instructional practice must each comprise at least one third of the evaluation. Other measures can be added at 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.

FIGURE 42
Teacher Evaluation Scoring Rubric

Level 4	At least 30 percent of the program's completers received a highly effective rating and 90 to 100 percent 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 percent 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 percent of the program's completers received a highly effective or effective rating and no more than 5 percent (more than one (1) 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: 249 out of 318 programs (78 percent) received a teacher evaluation score for 2020. The average teacher evaluation score was 3.7, a substantial increase from previous years.

FIGURE 43
Average Teacher Evaluation Score

| 3.1 | 3.2 | 3.3 | 3.3 | 3.4 | 3.4 | 3.7 |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
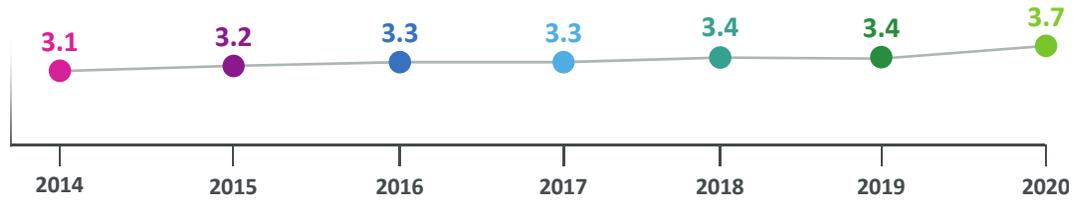
FIGURE 44
Distribution of Teacher Evaluation Scores

TEACHER EVALUATION SCORE

4.0	188
3.0	51
2.0	9
1.0	1
	69
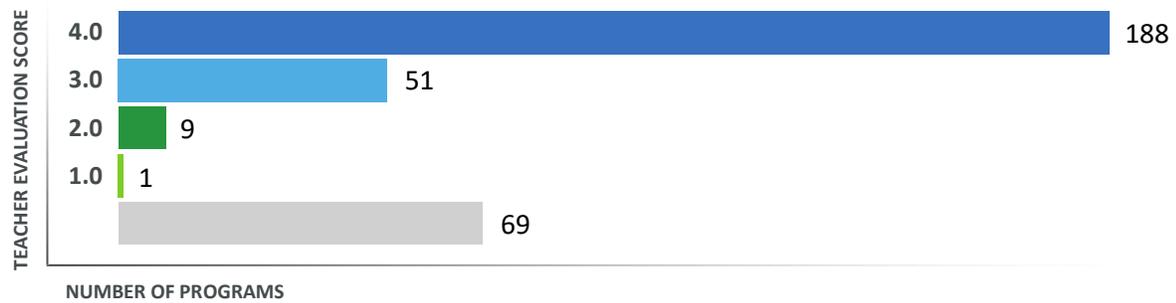
NUMBER OF PROGRAMS

FIGURE 45
Programs Receiving the Highest Score (4.0) for Teacher Evaluation Ratings

Institution	Program	Number of Teachers Evaluated
Alachua County	Professional Development Certification Program	15
Ave Maria University	Elementary Education/ESOL/Reading	3
Baker County	Professional Development Certification Program	6
Barry University	Elementary Education/ESOL/Reading	6
Barry University	Exceptional Student Education/ESOL/Reading	3
Barry University	Guidance and Counseling	3
Barry University	Reading	50
Barry University	School Psychologist	3
Bay County	Professional Development Certification Program	69
Bethune-Cookman University	Elementary Education/ESOL/Reading	12
Bethune-Cookman University	Music	9

Institution	Program	Number of Teachers Evaluated
Brevard County	Professional Development Certification Program	54
Broward County	Professional Development Certification Program	190
Chipola College	Biology/Middle Grades General Science	3
Chipola College	Mathematics	3
Daytona State College	Educator Preparation Institute	25
Daytona State College	Exceptional Student Education/ESOL/Reading	25
Daytona State College	Mathematics	10
DeSoto County	Professional Development Certification Program	6
Duval County	Professional Development Certification Program	126
Escambia County	Professional Development Certification Program	78
Flagler College	Elementary Education/ESOL/Reading	36
Flagler College	Elementary Education/Exceptional Student Education/ESOL/Reading	78
Florida A&M University	Guidance and Counseling	2
Florida A&M University	Music	2
Florida A&M University	Pre-K-Primary Education/ESOL/Reading	9
Florida Atlantic University	Biology/Chemistry/Physics	15
Florida Atlantic University	Elementary Education/ESOL/Reading	426
Florida Atlantic University	English/ESOL	34
Florida Atlantic University	Exceptional Student Education/ESOL	47
Florida Atlantic University	Guidance and Counseling	22
Florida Atlantic University	Mathematics	9
Florida Atlantic University	Music	4
Florida Atlantic University	Reading	21
Florida Atlantic University	Social Science	36
Florida College	Elementary Education/ESOL/Reading	13
Florida Gateway College	Educator Preparation Institute	26
Florida Gulf Coast University	Educator Preparation Institute	20
Florida Gulf Coast University	Elementary Education/ESOL/Reading	193
Florida Gulf Coast University	Exceptional Student Education/ESOL/Reading	50
Florida Gulf Coast University	Guidance and Counseling	16
Florida Gulf Coast University	Mathematics	12

Institution	Program	Number of Teachers Evaluated
Florida Gulf Coast University	Music	12
Florida Gulf Coast University	Pre-K-Primary Education/ESOL/Reading/PreK-Primary Disabilities	21
Florida Gulf Coast University	Social Science	27
Florida Institute of Technology	Mathematics	2
Florida International University	Art	17
Florida International University	Biology/Chemistry/Earth-Space Science/Physics	5
Florida International University	Elementary Education/ESOL/Reading	219
Florida International University	Exceptional Student Education/ESOL/Reading	39
Florida International University	Guidance and Counseling	11
Florida International University	Music	5
Florida International University	Physical Education	3
Florida International University	Pre-K-Primary Education/ESOL	48
Florida International University	Reading	72
Florida International University	School Psychologist	16
Florida Southern College	Art	2
Florida Southern College	English	2
Florida Southern College	Mathematics	3
Florida Southern College	Music	12
Florida Southwestern State College	Elementary Education/ESOL/Reading	146
Florida State College at Jacksonville	Educator Preparation Institute	13
Florida State College at Jacksonville	PreK-Primary Education/ESOL	72
Florida State University	Art	8
Florida State University	Biology/Chemistry/Earth-Space Science/Physics	14
Florida State University	Elementary Education/ESOL/Reading	153
Florida State University	Exceptional Student Education/ESOL/Autism Spectrum Disorders	36
Florida State University	Mathematics	20
Florida State University	Music	75
Florida State University	Pre-K-Primary Education/ESOL/Reading	36
Florida State University	School Psychologist	18
Florida State University	Visually Impaired	34
Gadsden County	Professional Development Certification Program	7

Institution	Program	Number of Teachers Evaluated
Gulf Coast State College	Educator Preparation Institute	48
Indian River County	Professional Development Certification Program	9
Indian River State College	Biology/Middle Grades General Science	17
Indian River State College	Educator Preparation Institute	26
Indian River State College	Elementary Education/ESOL/Reading	23
Indian River State College	Exceptional Student Education/ESOL/Reading	53
Indian River State College	Middle Grades Mathematics	24
Lake County	Professional Development Certification Program	5
Lee County	Professional Development Certification Program	12
Lynn University	Elementary Education/ESOL/Reading	6
Manatee County	Professional Development Certification Program	54
Marion County	Professional Development Certification Program	3
Miami Dade College	Biology/Chemistry/Earth-Space Science/Physics	6
Miami Dade College	Educator Preparation Institute	50
Miami Dade College	Preschool Education/PreK-Primary Education/ESOL/Reading/PreK-Primary Disabilities	52
Miami-Dade County	Professional Development Certification Program	69
Northwest Florida State College	Elementary Education/ESOL/Reading	50
Northwest Florida State College	Middle Grades General Science	2
Northwest Florida State College	Middle Grades Mathematics	4
Nova Southeastern University	Biology	6
Nova Southeastern University	Exceptional Student Education/ESOL	7
Nova Southeastern University	Guidance and Counseling	8
Nova Southeastern University	Mathematics	3
Nova Southeastern University	Reading	7
Nova Southeastern University	School Psychologist	10
Okaloosa County	Professional Development Certification Program	21
Orange County	Professional Development Certification Program	318
Palm Beach Atlantic University	Elementary Education/ESOL	17
Palm Beach Atlantic University	English/ESOL	2
Palm Beach Atlantic University	Music	2
Palm Beach County	Professional Development Certification Program	146

Institution	Program	Number of Teachers Evaluated
Palm Beach State College	Educator Preparation Institute	60
Pasco County	Professional Development Certification Program	85
Pasco-Hernando State College	Educator Preparation Institute	91
Polk County	Professional Development Certification Program	96
Polk State College	Educator Preparation Institute	131
Rollins College	Elementary Education/ESOL	26
Rollins College	Music	2
Saint Leo University	Elementary Education/ESOL/Reading	162
Saint Leo University	Exceptional Student Education/Exceptional Student Education/ESOL/ Reading	36
Saint Leo University	Middle Grades Mathematics	10
Saint Leo University	Reading	83
Santa Fe College	Educator Preparation Institute	37
Santa Rosa County	Professional Development Certification Program	27
Seminole State College	Educator Preparation Institute	47
Southeastern University	Elementary Education/ESOL/Reading	19
Southeastern University	Exceptional Student Education/Elementary Education/ESOL/Reading/Autism Spectrum Disorders	13
Southeastern University	Guidance and Counseling	3
Southeastern University	Music	5
St. Johns River State College	Educator Preparation Institute	77
St. Johns River State College	Pre-K-Primary Education/ESOL/Reading	36
State College of Florida, Manatee-Sarasota	Educator Preparation Institute	71
Stetson University	Music	17
University of Central Florida	Art	23
University of Central Florida	Biology/Chemistry/Middle Grades General Science/Physics	67
University of Central Florida	Elementary Education/ESOL/Reading	881
University of Central Florida	English/ESOL	97
University of Central Florida	Exceptional Student Education/ESOL/Reading	27
University of Central Florida	French/Spanish	2
University of Central Florida	Guidance and Counseling	41
University of Central Florida	Mathematics	58

Institution	Program	Number of Teachers Evaluated
University of Central Florida	Middle Grades Mathematics	4
University of Central Florida	Music	29
University of Central Florida	Pre-K-Primary Education/ESOL/Reading	109
University of Central Florida	Reading	45
University of Central Florida	School Psychologist	26
University of Central Florida	Social Science	73
University of Florida	Art	7
University of Florida	Biology/Chemistry/Physics	8
University of Florida	Educator Preparation Institute	28
University of Florida	Elementary Education/ESOL/Reading	131
University of Florida	Elementary Education/Exceptional Student Education/ESOL/Reading	59
University of Florida	English/ESOL	15
University of Florida	Guidance and Counseling	13
University of Florida	Music	22
University of Florida	Preschool Education/PreK-Primary Education/Pre-K Disabilities/ESOL	36
University of Florida	Social Science	19
University of Miami	Music	9
University of North Florida	Biology/Chemistry/Physics	3
University of North Florida	Elementary Education/ESOL	206
University of North Florida	English/ESOL	22
University of North Florida	Exceptional Student Education/ESOL	21
University of North Florida	Hearing Impaired	9
University of North Florida	Mathematics	16
University of North Florida	Middle Grades Math/Middle Grades General Science	5
University of North Florida	Music	7
University of North Florida	PreK-Primary Education/ESOL	21
University of South Florida, Sarasota Manatee	Elementary Education/ESOL/Reading	68
University of South Florida, St. Petersburg	Elementary Education/Exceptional Student Education/ESOL/Reading	148
University of South Florida, Tampa	Biology/Chemistry/Middle Grades General Science/Physics	31

Institution	Program	Number of Teachers Evaluated
University of South Florida, Tampa	Chinese/French/German/Italian/ESOL/Italian/ Japanese/Latin/Russian/Spanish/ESOL	6
University of South Florida, Tampa	English/ESOL	95
University of South Florida, Tampa	Exceptional Student Education/ESOL/Reading	49
University of South Florida, Tampa	Guidance and Counseling	23
University of South Florida, Tampa	Mathematics	46
University of South Florida, Tampa	Middle Grades Mathematics	28
University of South Florida, Tampa	Music	44
University of South Florida, Tampa	Physical Education	26
University of South Florida, Tampa	PreK-Primary Education/ESOL/Reading	45
University of South Florida, Tampa	Reading	39
University of South Florida, Tampa	School Psychologist	5
University of Tampa	Biology	6
University of Tampa	Elementary Education/ESOL/Reading	66
University of Tampa	English/ESOL	8
University of Tampa	Mathematics	4
University of Tampa	Music	4
University of Tampa	Physical Education	4
University of Tampa	Social Science	4
University of West Florida	Educator Preparation Institute	121
University of West Florida	Elementary Education/ESOL/Reading	34
University of West Florida	Elementary Education/Exceptional Student Education/ESOL/Reading	119
University of West Florida	Physical Education	10
University of West Florida	Reading	11
Valencia College	Educator Preparation Institute	150
Warner University	Elementary Education/ESOL	10

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 percent of teachers received a rating of effective or highly effective.[25] 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.

FIGURE 46
Average Score for Teacher Evaluation by Program Type

EPI

PDCP

Private IHE

State College
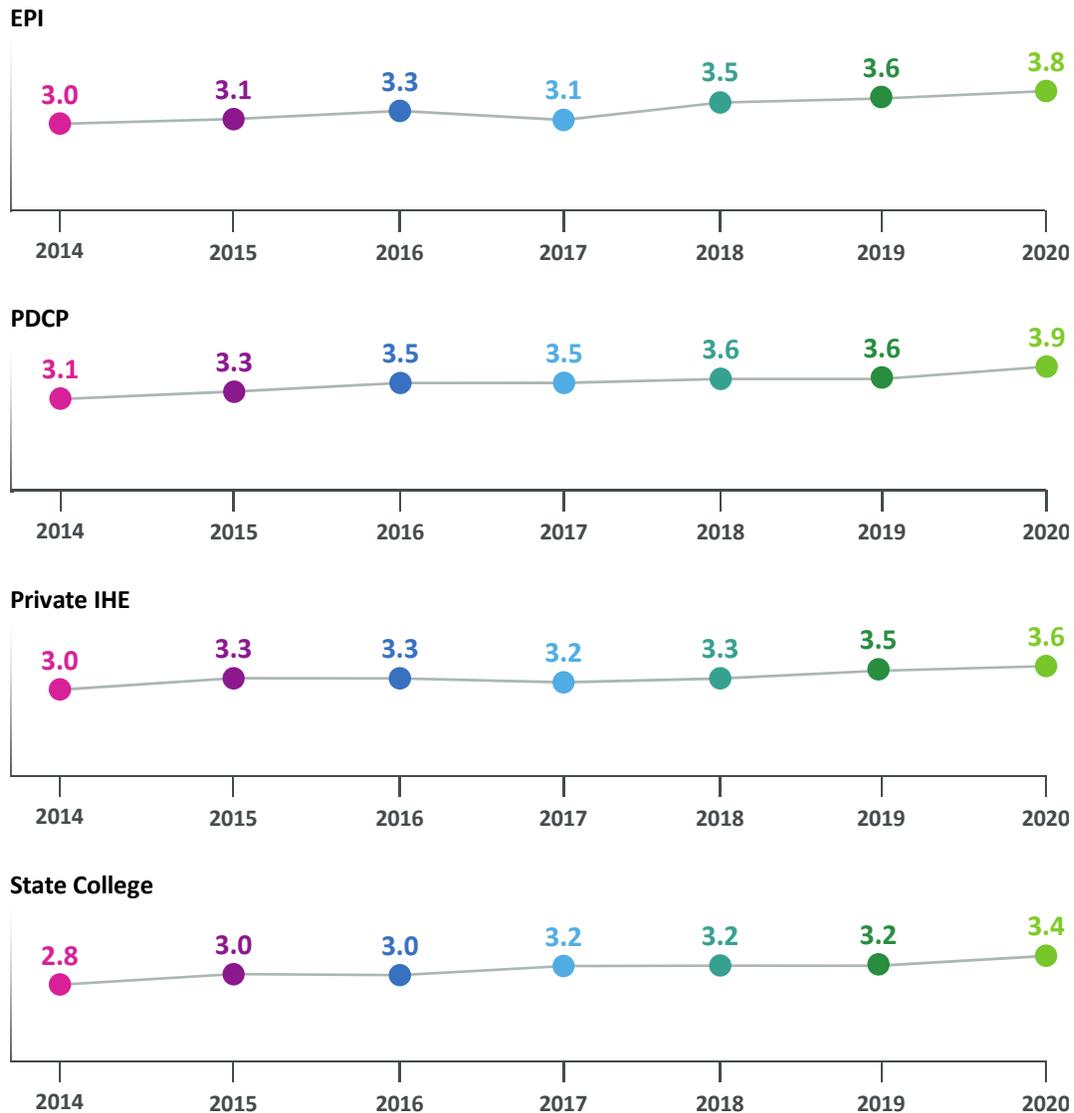
[25] 2018-2019 Educator Performance Evaluation Ratings accessed at *http://www.fldoe.org/teaching/performance-evaluation/*

State University

2014	2015	2016	2017	2018	2019	2020
3.1	3.3	3.4	3.3	3.5	3.4	3.8

All Programs

2014	2015	2016	2017	2018	2019	2020
3.1	3.2	3.3	3.3	3.4	3.4	3.7
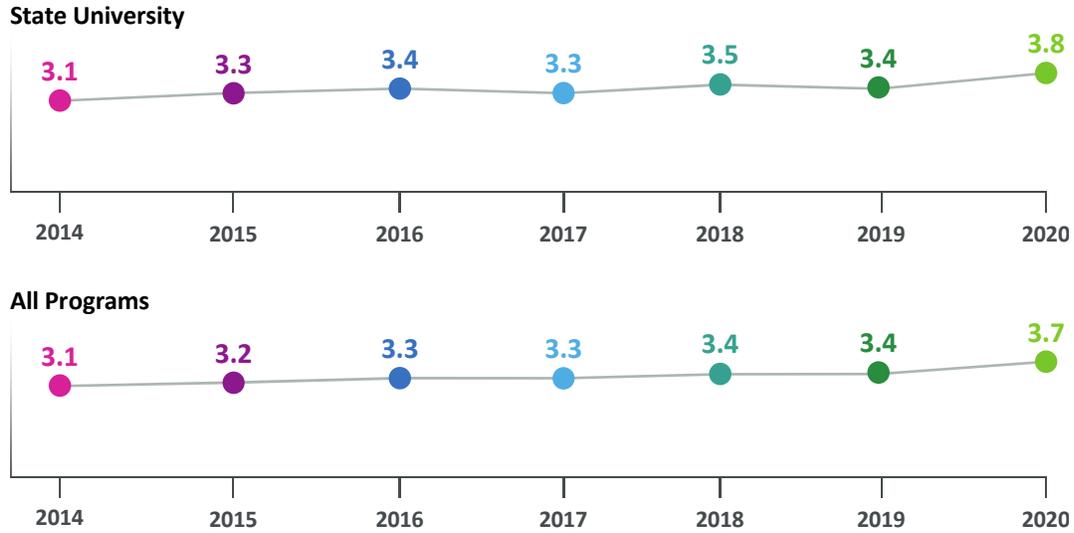
FIGURE 47

Distribution of Teacher Evaluation Scores by Program Type
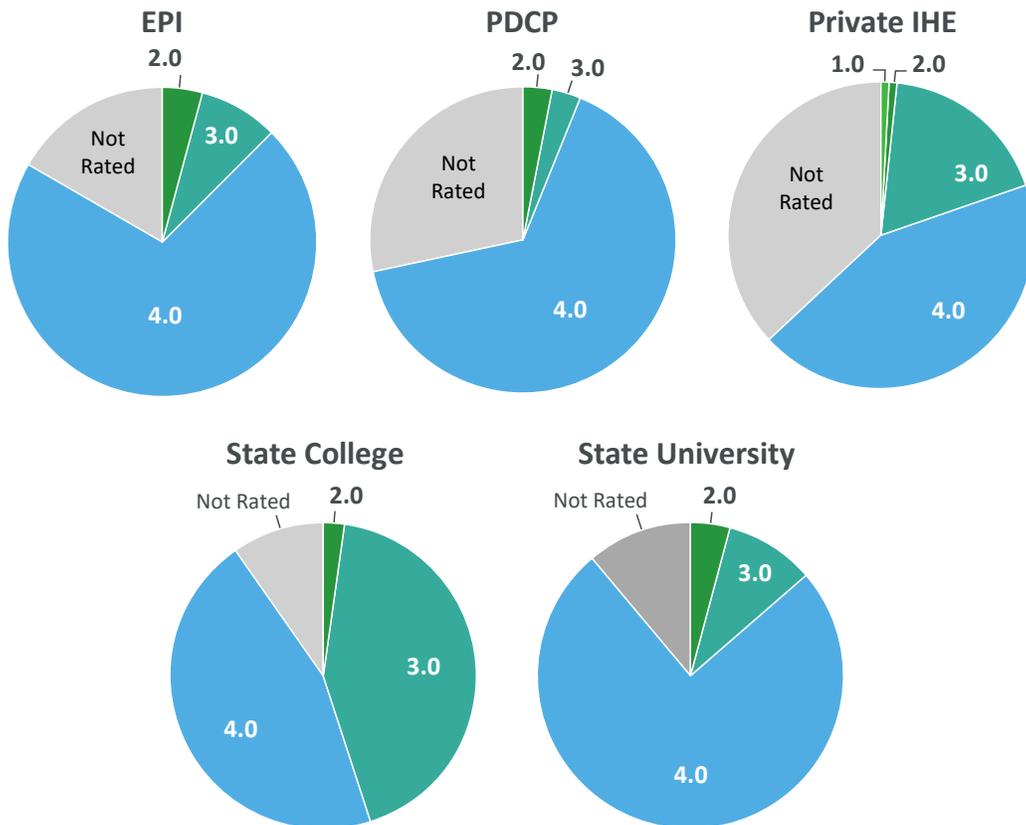
Bonus Metric: Critical Shortage Areas

The final criterion 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.[26]

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 2017-2018[27] the following were identified as critical shortage areas, in rank order:

- English
- Mathematics
- Science-General
- Science-Earth & Space
- Exceptional Student Education (ESE)
- English to Speakers of Other Languages (ESOL)
- Reading

Based on these identified areas, 115 of the 318 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: 27 out of 115 eligible programs (23 percent) had a higher number of completers than the prior year and received the critical teacher shortage bonus.**

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[26] If a program receives the critical teacher shortage bonus, the average of all other performance metric scores available for that program is multiplied by 0.8 and added to the bonus score of four points multiplied by 0.2 to yield the summative rating score.

[27] 2017-2018 is the school year that corresponds to the data in this report. Information on how critical shortage areas are determined can be found at *http://www.fldoe.org/core/fileparse.php/7584/urlt/CTSA1718.pdf.*

FIGURE 48
Eligibility for Critical Teacher Shortage Area Bonus

Not eligible ITP programs 147

Eligible programs 115

Not eligible EPI and PDCP 56
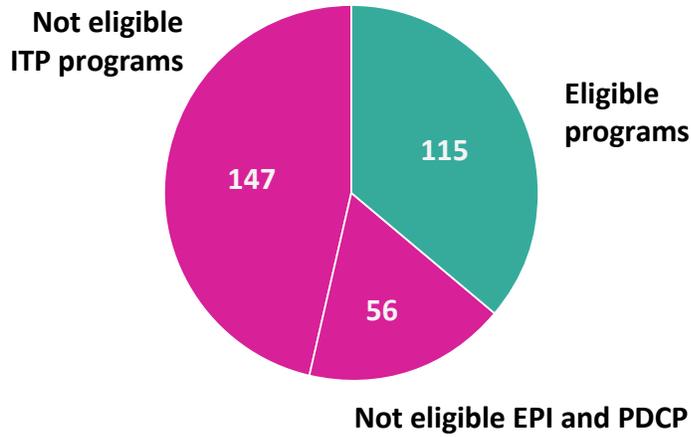
FIGURE 49
Programs Awarded Critical Teacher Shortage Area Bonus

Earned bonus 27

Eligible but no bonus 88
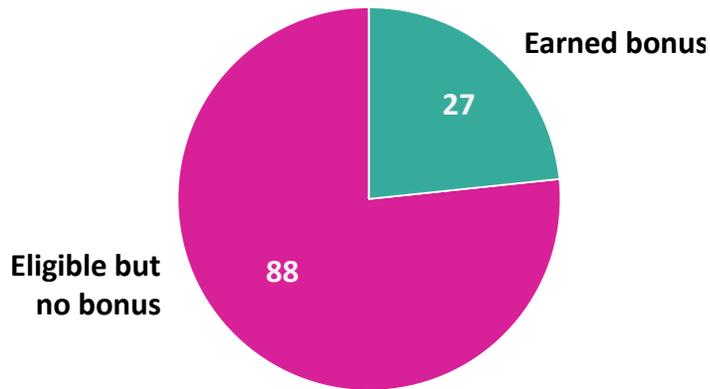
FIGURE 50
Programs Receiving the Critical Teacher Shortage Area Bonus

Institution	Program	Increase in Program Completers from Prior Year
Daytona State College	Biology/Chemistry/Earth-Space Science/Physics	1
Daytona State College	Exceptional Student Education/ ESOL/Reading	3
Flagler College	Elementary Education/Exceptional Student Education/ESOL/ Reading	2

Institution	Program	Increase in Program Completers from Prior Year
Flagler College	English/ESOL	1
Florida Gulf Coast University	Mathematics	1
Florida Institute of Technology	Mathematics	2
Florida International University	Biology/Chemistry/Earth-Space Science/Physics	3
Florida International University	Exceptional Student Education/ESOL/ Reading	2
Florida State University	Biology/Chemistry/Earth-Space Science/Physics	2
Florida State University	Mathematics	1
Indian River State College	Mathematics	2
Miami Dade College	Mathematics	4
Nova Southeastern University	Exceptional Student Education/ESOL	1
Nova Southeastern University	Reading	2
Palm Beach Atlantic University	English/ESOL	1
Saint Leo University	Reading	1
Southeastern University	English/ESOL	4
St. Petersburg College	Mathematics	1
St. Petersburg College	Middle Grades Mathematics	4
University of Florida	Biology/Chemistry/Physics	1
University of Florida	Elementary Education/Exceptional Student Education/ESOL/Reading	13
University of Florida	English/ESOL	2
University of North Florida	Exceptional Student Education/ESOL	8
University of South Florida, St. Petersburg	Reading	1
University of South Florida, Tampa	Biology/Chemistry/Middle Grades General Science/Physics	8
University of South Florida, Tampa	Middle Grades Mathematics	10
University of West Florida	Reading	3

The practice of combining multiple programs into a single unit of analysis for accountability purposes complicates the ability to accurately understand whether teacher preparation programs are helping to address chronic shortages. In particular, 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.

Further, scoring for this metric treats all net increases equally, with no differentiation for programs that produce significantly greater numbers of new teachers or the percentage increase relative to overall program size. Only two programs receiving the bonus this year increased their teacher production by ten or more teachers; half produced just one more teacher than the previous year.

> **Finding: Five out of the 21 programs (23 percent) that earned the critical shortage area bonus received low scores for teacher placement.**

Nearly one quarter of 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. The implication is that despite their presumed production of much needed teachers, program completers from these programs were not in demand by hiring school districts.

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. Or perhaps graduates 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.

FIGURE 51
Critical Shortage Area Programs with Low Placement Scores

Institution	Program	Placement Score
Flagler College	English/ESOL	1.0
Florida International University	Biology/Chemistry/Earth-Space Science/Physics	1.0
University of North Florida	Exceptional Student Education/ESOL	1.0
Florida State University	Biology/Chemistry/Earth-Space Science/Physics	2.0
University of West Florida	Reading	2.0

FIGURE 52
Distribution of Teacher Shortage Bonus by Program Type

State University

Eligible	45
Earned bonus 13	

State College

Eligible	25
Earned bonus 6	

Private IHE

Eligible	45
Earned bonus 8	

PROGRAM TYPE

NUMBER OF PROGRAMS
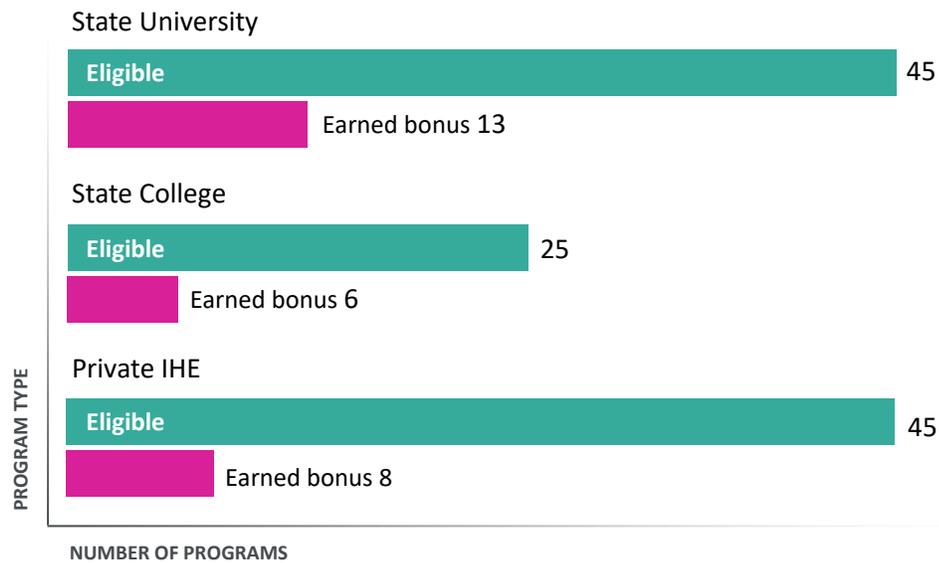
The critical teacher shortage area bonus is currently not applicable to Educator Preparation Institutes and Professional Development Certification Programs. Because those programs by design may include teachers of varying grades and subjects, a separate set of business rules may be needed to determine their eligibility and production of teachers in shortage areas.

Considerations

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 in order to improve outcomes for Florida's PK-12 students. These considerations are offered with full recognition and appreciation of Florida's efforts and intention to develop and implement a robust teacher preparation accountability system. 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 re-evaluating the number of subscores required**.

   This report only includes rankings for 82 out of 318 programs. The number of ranked programs should increase when student learning data becomes available for EPIs and PDCPs in 2021. Yet the total number of ranked programs is likely to remain limited as long as programs must have student learning data to be ranked.

   Given that the teacher evaluation metric includes an alternate measure of student learning appropriate to that subject area when a VAM score is not available, the state may want to consider giving additional weight to the evaluation metric for programs that will never have a VAM score and allowing such programs to be ranked with only three subscores. If programs with three subscores were included this year, more than 90 additional programs would receive rankings, more than doubling the total.

   Further, there are large numbers of programs that are not scored for all metrics that go beyond the phasing-in of certain metrics for EPIs and PDCPs. Identifying and addressing the causes of why programs are not scored – whether the result of business rules for scoring that exclude significant numbers of programs or unavailable data – will improve the viability of the overall system. Sixty-two programs in this year's analysis have zero subscores, 11 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 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 FDOE, the state should consider if a negative impact on their APPRs may be warranted.

FIGURE 53
Percentage of Programs Scored Per Metric

	Total Number of Programs Rated		Percentage of Total Programs Rated		Percentage of Applicable Programs Rated		Notes
	2019	**2020**	**2019**	**2020**	**2019**	**2020**	
Placement Rate	191	181	62%	57%	68%	63%	Not applicable to PDCPs
Retention Rate	187	194	61%	61%	61%	61%	
Student Learning Growth/Student Learning Growth by Subgroup	85	86	28%	27%	~40%	~40%	Not applicable to PDCPs and EPIs this year; not applicable to ITPs in grades or subjects without statewide assessments
Teacher Evaluation	249	249	81%	78%	81%	78%	

2. **Evaluate data quality and consider alternative weighting formulas.**

The current formula treats all performance metrics equally in the calculation of summative scores. Yet some indicators may be providing more high-quality data than others and some are clearly providing more differentiation among programs than others.

In addition, the metrics are not consistently rigorous. The retention rate rubric appears to be quite rigorous, requiring a minimum average retention rate of three years to earn a score of 3.0. At the opposite end of the spectrum, to earn a 3.0 on the student learning subgroup measure, a program's teachers need only to have positive learning results for 50 percent of student subgroups. While there may be legitimate reasons for some metrics to be evaluated with a lighter touch, it is worth considering whether equal weighting is warranted.

Different weighting may also be warranted for programs that will never have certain metrics. In particular, as noted above, weighting the teacher evaluation metric more heavily for programs in grades or subject areas that do not have statewide assessments would increase the emphasis on teachers' classroom performance, including the measures of student learning other than statewide assessments that are used for those teachers. Even

with teacher evaluation results in Florida showing relatively little differentiation among teacher performance at present, there are still clear differences in program ratings that suggest this metric can be important in identifying outliers, particularly for programs that do not have other results that reflect the performance in the classroom of program completers and their students.

It may also be interesting to collect data that would allow for further exploration of certain metrics, for informational if not accountability purposes. For example, the high level of performance on the retention metric begs analysis of the underlying question of whether new teachers are employed in the same positions over their first five years of employment. Some programs may do markedly better jobs than others in preparing teachers to thrive in a variety of settings or in helping teacher candidates to identify which environments will suit them best.

FIGURE 54
Distribution of Performance Metric Scores

Placement Rate

4.0	65
3.0	62
2.0	35
1.0	19
Not rated PDCP	32
Not rated	105

Retention Rate

4.0	74
3.0	117
2.0	3
1.0	0
Not rated	124

Student Learning Growth

4.0	2
3.0	77
1.0	7
N/A EPI and PDCP	56
Not rated (ITP)	176

Student Learning Growth by Subgroup

4.0	22
3.0	19
2.0	22
1.0	23
N/A EPI and PDCP	56
Not rated (ITP)	176

Teacher Evaluation

4.0	188
3.0	51
2.0	9
1.0	1
Not rated	69

PLACEMENT RATE SCORE

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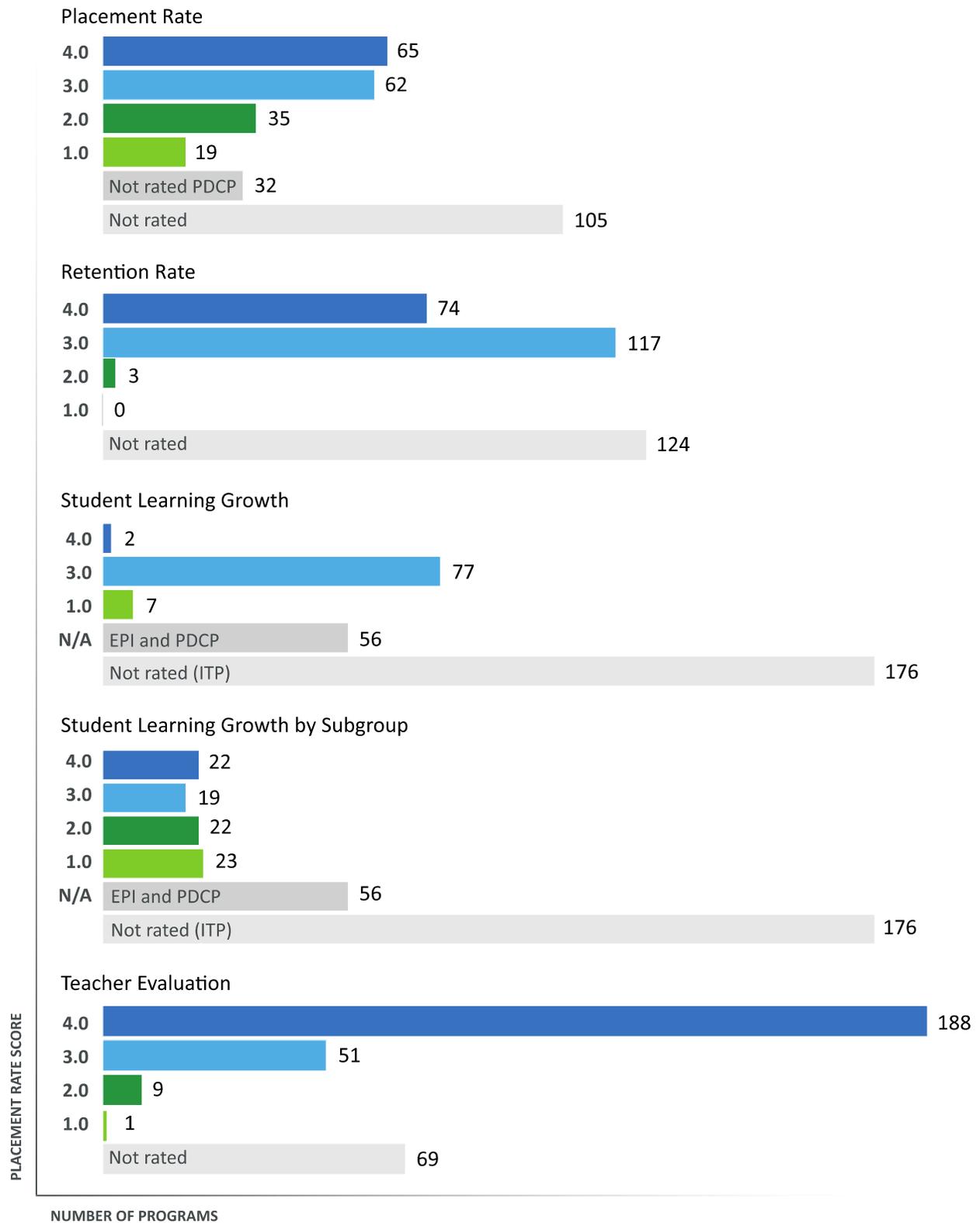
3. **Rethink the application of the critical shortage area bonus metric to ensure it is meeting the objective of incentivizing and rewarding the production of the most needed teachers.**

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. This is a sound approach, but the metric as presently applied does not in fact reward the Florida programs that produce the most critically needed teachers. In order to earn the bonus, programs must show an increase in the number of teachers produced compared to the previous year. Nearly all of this year's recipients of the bonus show very modest increases – many just one or two teachers more than the previous year, and most of these programs are small producers. 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. One solution might be to develop 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 can be considered and rewarded more meaningfully.

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

There are several ways the system can evolve to provide more reliable and useful information about preparation programs. First, although the system is admirably designed at the program rather than institution level, in many cases discrete programs are combined together. Of the 318 programs in this analysis, 39 are aggregates of multiple programs. The combinations include undergraduate and graduate programs in the same grade/subject area; discrete sciences (e.g., biology, chemistry and physics); and world languages. While these aggregations increase the availability of program data, they do so at the risk of concealing important differences in program performance. The coursework and training of teachers in undergraduate and graduate programs are typically quite different; there is little reason to assume program outcomes would be identical. Similarly, if an institution's chemistry teachers are in great demand but its biology teachers much less so, that cannot be seen in the current analysis. These are important tradeoffs to consider. Further, some of these programs are quite large, begging the question as to whether the aggregation is necessary or appropriate.

Second, rounding summative scores to the hundredths rather than the tenths place would allow for more illustrative comparisons. With only a four-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 for the new accountability requirements that will facilitate implementation and maximize comparability across programs.**

FDOE and programs have begun the implementation of the new requirement enacted last year that the accountability system also include survey data. Two new metrics will be incorporated that include results of a survey that measures program completers' satisfaction with how well their program prepared them for "the realities of the classroom," as well as the results of a survey that measures employers' satisfaction with "the program's responsiveness to local school districts."

In fall 2020, programs submitted to FDOE their survey templates, completed forms and a summary and analysis of the feedback including any actions to be taken as a result of the findings. These data are under review by FDOE, which will make recommendations for consideration to the State Board of Education about how to incorporate the survey results into the continued program approval process and formula. In establishing a rubric for analysis and scoring of the surveys, the following considerations should be addressed:

Response Rate. It appears that programs will be permitted to set their own response rates; however, the state should consider setting a benchmark for response that all programs are expected to meet to ensure that meaningful outreach efforts occur. If programs are permitted to establish their own response rates, FDOE will need to consider what to do if targets are set egregiously low. And in either case, the rubric will need to address what happens when the target is not met.

Survey Content. FDOE review will need to consider whether surveys are designed to collect the valid and appropriate information, and do so in ways that will allow for some data comparability across programs.

Analysis of Results. FDOE will need to determine whether individual data points in the survey will be factored into the APPR metrics, or whether a holistic rating will be made and applied. Programs are also required to submit action plans developed in response to the survey findings. FDOE 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, it appears at present that the survey requirement does not apply to PDCP programs. While it is clear that PDCP programs have different relationships with their candidates since provider and employer are one and the same, these programs would still benefit from learning about candidate experience. FDOE should consider how surveys can be appropriately and meaningfully included in the APPR process for these programs.

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

   Florida has dedicated significant resources to the development and implementation of its teacher preparation program accountability system. A dissemination strategy that goes beyond the specific delivery requirements articulated in the authorizing statute can help maximize the reach and impact of the findings. Commendably, FDOE has launched a new user-friendly website[28] that provides direct links to more information about individual programs. The state should continue to develop 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.

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[28] *https://www.florida-eipep.org*

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 graduates' 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.

Figure 54 identifies the full set of assessments offered as part of the Florida Teacher Certification Examinations (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.

FIGURE 55
Florida Teacher Certification Examinations
(indicates full data set provided in Appendix H)*

General Knowledge
Subtest 1: Essay
Subtest 2: English Language Skills
Subtest 3: Reading
Subtest 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

The volume of available FTCE data precludes a comprehensive analysis within the bounds of this report, which will instead focus on the FTCE Elementary Education subtests. However,

before turning to that analysis, there are some general observations that apply universally. The state commendably reports pass rates for both first-time test takers and best attempt, i.e., the percentage of test takers who ultimately pass. FDOE 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 provides 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 stands to reason 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. It seems likely that there are significant differences in passing rates across programs that cannot currently be ascertained. Further, it precludes any analysis across assessments for particular programs. It is impossible 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. FDOE 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. Figure 55 shows the elementary education programs with 100 percent pass rates for either the first or best attempt, along with the corresponding 2020 APPR score and corresponding program rank in this year's report. 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.

FIGURE 56

Elementary Education Programs with 100% First Attempt and/or Best Attempt Pass Rates

Institution	Subtests with 100% pass rates (4 total)	2020 APPR Score	Rank Overall	Rank Among Elementary Programs
Educator Preparation Institutes				
Ashford University	Lang Arts and Reading; Social Science; Science	N/A	N/A	N/A
Eastern Florida State College	Lang Arts and Reading; Social Science; Science; Mathematics	N/A	N/A	N/A
Florida Gateway College	Lang Arts and Reading; Social Science; Science	3.7	N/A	N/A
Florida Gulf Coast University	Lang Arts and Reading;	3.7	N/A	N/A
Santa Fe College	Social Science	3.7	N/A	N/A
St. Petersburg College	Social Science; Science	3.3	N/A	N/A
State College of Florida, Manatee-Sarasota	Science	3.7	N/A	N/A
Professional Development Certification Programs				
Alachua County	Lang Arts and Reading; Social Science; Science; Mathematics	4.0	N/A	N/A
Baker County	Lang Arts and Reading; Social Science; Science	N/A	N/A	N/A
Bay County	Lang Arts and Reading; Science; Mathematics	3.5	N/A	N/A
Bradford County	Lang Arts and Reading; Social Science; Science; Mathematics	N/A	N/A	N/A
Brevard County	Lang Arts and Reading; Social Science; Science; Mathematics	3.5	N/A	N/A
Indian River County	Social Science; Science	N/A	N/A	N/A
Lee County	Lang Arts and Reading; Social Science; Science; Mathematics	N/A	N/A	N/A
Levy County	Lang Arts and Reading; Social Science; Science; Mathematics	N/A	N/A	N/A
Manatee County	Lang Arts and Reading; Social Science; Science; Mathematics	4.0	N/A	N/A
Okaloosa County	Lang Arts and Reading; Social Science; Science; Mathematics	N/A	N/A	N/A
Polk County	Lang Arts and Reading; Science	3.5	N/A	N/A
Santa Rosa County	Lang Arts and Reading; Social Science; Science; Mathematics	4.0	N/A	N/A

Institution	Subtests with 100% pass rates (4 total)	2020 APPR Score	Rank Overall	Rank Among Elementary Programs
Private Colleges/Universities				
Ave Maria University	Lang Arts and Reading; Mathematics	N/A	N/A	N/A
Florida College	Mathematics	N/A	N/A	N/A
Jacksonville University	Lang Arts and Reading; Social Science; Science; Mathematics	2.8	55	24
Johnson University - Florida	Lang Arts and Reading; Science; Mathematics	N/A	N/A	N/A
Stetson University	Science	4.0	N/A	N/A
Trinity International University	Lang Arts and Reading; Social Science; Science	N/A	N/A	N/A
Warner University	Social Science; Science; Mathematics	2.6	69	31
State Universities				
University of Florida	Lang Arts and Reading;	3.4	15	4
University of North Florida	Social Science; Science	3.2	29	11

Looking at performance on each of the subtests, the science subtest has the highest pass rate for first-time test takers, with 66 percent passing the first time, and the social science subtest has the highest overall pass rate, with 81 percent of examinees ultimately passing.

FIGURE 57
Elementary Education Subtests: First Attempt and Best Attempt Pass Rates

Language Arts and Reading

First Attempt	56.7%
Best Attempt	75.8%

Social Science

First Attempt	65.4%
Best Attempt	81%

Science

First Attempt	66%
Best Attempt	80.5%

Mathematics

First Attempt	60%
Best Attempt	75.7%

SUBTEST TYPE
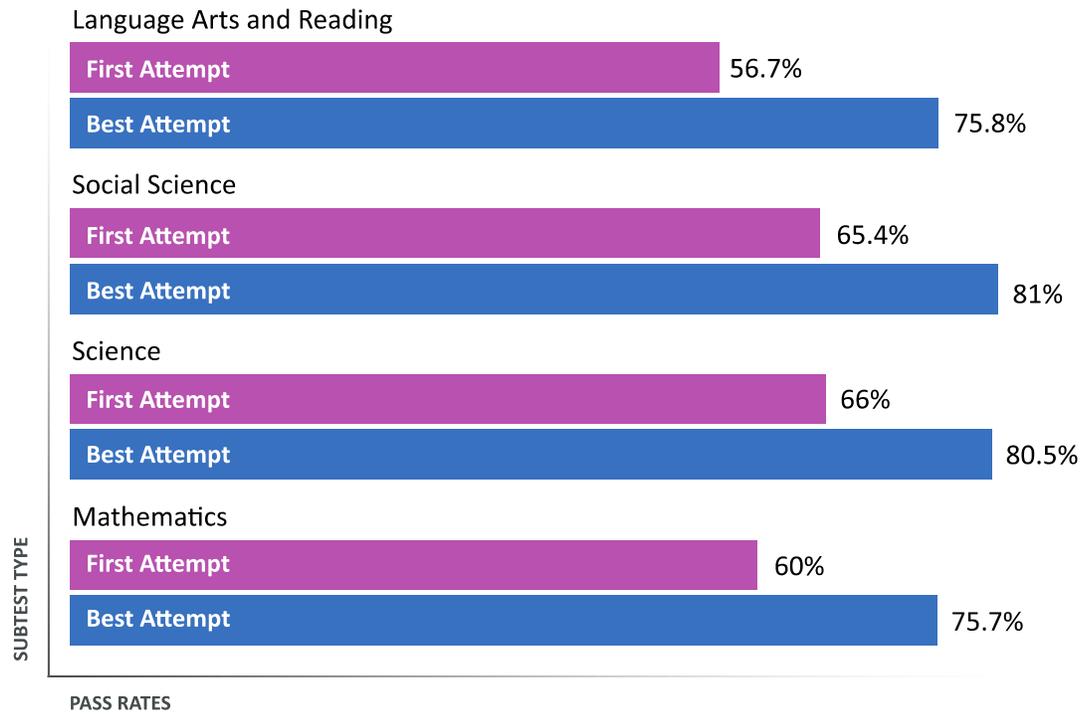
PASS RATES

However, as noted above, looking at pass rates without distinguishing between program and non-program examinees may mask important differences. Figure 57 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 determine whether they are ready to take the assessment.

FIGURE 58

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

LANGUAGE ARTS

Program Examinees

First Attempt	69.3%
Best Attempt	91%

Non-Program Examinees

First Attempt	50.2%
Best Attempt	67.8%

SOCIAL SCIENCE

Program Examinees

First Attempt	69.2%
Best Attempt	91.6%

Non-Program Examinees

First Attempt	63.4%
Best Attempt	75.3%

SCIENCE

Program Examinees

First Attempt	73.8%
Best Attempt	92.3%

Non-Program Examinees

First Attempt	61.9%
Best Attempt	74.3%

MATHEMATICS

Program Examinees

First Attempt	70.9%
Best Attempt	90.5%

Non-Program Examinees

First Attempt	54.3%
Best Attempt	67.8%

SUBTEST TYPE

PASS RATES

It is also possible to compare results for program examinees based on different types of preparation programs. Figure 58 compares results for each subtest for Educator Preparation Institutes (EPI), Professional Development Certification Programs (PDCP), private colleges and universities, state colleges and state universities. Programs at state colleges have the highest best attempt pass rates on all four of the subtests. EPI and PDCP pass rates generally lag behind their ITP counterparts.

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

Language Arts

EPI
First Attempt 62.8%
Best Attempt 82.8%

PDCP
First Attempt 58%
Best Attempt 83.3%

Private College/IUniversity
First Attempt 68.8%
Best Attempt 91.8%

State College
First Attempt 77.1%
Best Attempt 93.9%

State University
First Attempt 70.8%
Best Attempt 93.6%

SUBTEST TYPE

PASS RATES

Social Science

EPI

First Attempt	81.8%
Best Attempt	89%

PDCP

First Attempt	75.9%
Best Attempt	86%

Private College/IUniversity

First Attempt	64.5%
Best Attempt	91.9%

State College

First Attempt	73.1%
Best Attempt	94.1%

State University

First Attempt	65%
Best Attempt	92.4%

SUBTEST TYPE

PASS RATES

Science

EPI
First Attempt — 79.1%
Best Attempt — 88.4%

PDCP
First Attempt — 76.7%
Best Attempt — 84.5%

Private College/IUniversity
First Attempt — 69.1%
Best Attempt — 92.4%

State College
First Attempt — 80.4%
Best Attempt — 95.6%

State University
First Attempt — 71.7%
Best Attempt — 93.4%

SUBTEST TYPE

PASS RATES

Mathematics

EPI
First Attempt — 71.1%
Best Attempt — 82.7%

PDCP
First Attempt — 71.6%
Best Attempt — 84.3%

Private College/IUniversity
First Attempt — 68.5%
Best Attempt — 89.4%

State College
First Attempt — 69.3%
Best Attempt — 93.4%

State University
First Attempt — 71.9%
Best Attempt — 93.3%

SUBTEST TYPE

PASS RATES

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 prekindergarten-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 percent.	The probability that the average student learning growth among students taught by program completers exceeds the expectations for those students is < 5 percent; AND the probability that the average student learning growth among students taught by program completers falls short of the expectations for those students' expectations is < 5 percent.	Not calculated.	The probability that the average student learning growth among students taught by program completers falls short of the expectations for those students is ≥ 95 percent.
Student performance by subgroups data	At least 75 percent of the subgroups meet or exceed the state standard for performance.	At least 50 percent, but less than 75 percent of the subgroups meet or exceed the state standard for performance.	At least 25 percent but less than 50 percent of the subgroups meet or exceed the state standard for performance.	Fewer than 25 percent 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 percent of the program's completers received a highly effective rating and 90 to 100 percent 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 4, but at least 80 percent 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 percent of the program's completers received a highly effective or effective rating and no more than 5 percent (more than one (1) for n < 20) of the program's completers were rated unsatisfactory.	Program did not meet criteria for Level 2, 3 or 4.

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 subparagraph (3)(a)6. 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 FDOE with the same program code for the purposes of producing the Annual Program Performance Report (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
		Elementary Education/ESOL/Reading
Florida College	444.5	Elementary Education/ESOL
		Elementary Education/ESOL/Reading
Florida Institute of Technology	288.5	Biology
		Chemistry
		Earth/Space Science

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

Institution	Program Code	Programs
Rollins College	310.5	French
		Spanish
Saint Leo University	327.5	Middle Grades Social Science
		Middle Grades Social Science/Reading
Saint Leo University	430.5	Exceptional Student Education
		Exceptional Student Education/ESOL/Reading
St. Petersburg College	288.5	Biology
		Middle Grades General Science
University of Central Florida	288.5	Biology
		Chemistry
		Middle Grades General Science
		Physics
University of Central Florida	310.5	French
		Spanish
University of Florida	288.5	Biology
		Chemistry
		Physics
University of North Florida	288.5	Biology
		Chemistry
		Physics
University of South Florida, Sarasota Manatee	444.5	Elementary Education/ESOL
		Elementary Education/ESOL (MAT)
University of South Florida, Tampa	287.5	Mathematics
		Mathematics (MAT)
University of South Florida, Tampa	288.5	Biology
		Biology (MAT)
		Chemistry
		Chemistry (MAT)
		Middle Grades General Science
		Physics
		Physics (MAT)
University of South Florida, Tampa	293.5	Social Science
		Social Science (MAT)
University of South Florida, Tampa	306.5	Middle Grades Mathematics

Institution	Program Code	Programs
		Middle Grades Mathematics (MAT)
University of South Florida, Tampa	310.5	Chinese/ESOL (MAT)
		French/ESOL
		French/ESOL (MAT)
		German/ESOL
		German/ESOL (MAT)
		Italian/ESOL
		Italian/ESOL (MAT)
		Japanese/ESOL (MAT)
		Latin/ESOL
		Latin/ESOL (MAT)
		Russian/ESOL
		Russian/ESOL (MAT)
		Spanish/ESOL
		Spanish/ESOL (MAT)
University of South Florida, Tampa	387.5	Pre-K-Primary Education/ESOL
		Pre-K-Primary Education/ESOL/Reading
University of South Florida, Tampa	398.5	English/ESOL
		English/ESOL (MAT)
University of South Florida, Tampa	430.5	Exceptional Student Education/ESOL/Reading
		Exceptional Student Education/ESOL/Reading (MAT)
University of South Florida, Tampa	444.5	Elementary Education/ESOL
		Elementary Education/ESOL (MAT)
University of West Florida	288.5	Biology
		Chemistry
		Earth/Space Science
		Physics

Appendix C: APPR Summary Table All Programs

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

Rank	Institution /Program	Undergraduate Program (U) / Graduate Program (G)	Summative Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Number of Completers
1	**Florida Atlantic University** Elementary Education/ESOL/ Reading	U/G	3.8	4.0	3.0	4.0	4.0	4.0		1,317
1	**Indian River State College** Middle Grades Mathematics	U	3.8	4.0	4.0	3.0	4.0	4.0		59
1	**Nova Southeastern University** Mathematics	U/G	3.8	--	4.0	3.0	4.0	4.0		21
1	**Saint Leo University** Reading	G	3.8	4.0	4.0	3.0	4.0	4.0	✓	175
5	**University of Florida** English/ESOL	U	3.7	4.0	3.0	3.0	4.0	4.0	✓	60
6	**Florida International University** Reading	U	3.6	3.0	4.0	3.0	4.0	4.0		173
6	**Florida Memorial University** Elementary Education/ESOL	U	3.6	4.0	4.0	3.0	4.0	3.0		28
6	**Florida Memorial University** Reading/ESOL	U	3.6	4.0	4.0	3.0	4.0	3.0		22
6	**Nova Southeastern University** Reading	U	3.6	--	3.0	3.0	4.0	4.0	✓	40
6	**University of Central Florida** Reading	U	3.6	2.0	4.0	4.0	4.0	4.0		146
11	**Flagler College** Elementary Education/Exceptional Student Education/ESOL/Reading	U	3.5	3.0	3.0	3.0	4.0	4.0	✓	54

Rank	Institution /Program	Undergraduate Program (U) / Graduate Program (G)	Summative Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Number of Completers
11	**Florida Gulf Coast University** Mathematics	U	3.5	4.0	3.0	3.0	3.0	4.0	✓	34
11	**Florida International University** English/ESOL	U	3.5	4.0	--	3.0	4.0	3.0		28
11	**University of South Florida, Tampa** Middle Grades Mathematics	U/G	3.5	3.0	4.0	3.0	3.0	4.0	✓	132
15	**Barry University** Reading	G	3.4	4.0	4.0	3.0	2.0	4.0		154
15	**Florida A&M University** Elementary Education/ESOL/ Reading	U	3.4	4.0	4.0	3.0	3.0	3.0		117
15	**Florida Atlantic University** English/ESOL	U	3.4	2.0	4.0	3.0	4.0	4.0		91
15	**Florida Atlantic University** Reading	U	3.4	2.0	4.0	3.0	4.0	4.0		58
15	**Florida International University** Elementary Education/ESOL/ Reading	U	3.4	2.0	4.0	3.0	4.0	4.0		785
15	**Florida State University** Mathematics	U/G	3.4	3.0	3.0	3.0	3.0	4.0	✓	67
15	**Saint Leo University** Elementary Education/ESOL/ Reading	U	3.4	4.0	4.0	3.0	2.0	4.0		523
15	**St. Petersburg College** Middle Grades Mathematics	U	3.4	4.0	4.0	3.0	2.0	3.0	✓	30
15	**University of Florida** Elementary Education/ESOL/ Reading	U	3.4	4.0	3.0	3.0	3.0	4.0		387
15	**University of South Florida, St. Petersburg**	U	3.4	4.0	4.0	3.0	2.0	4.0		432

Rank	Institution /Program	Undergraduate Program (U) / Graduate Program (G)	Summative Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Number of Completers
	Elementary Education/Exceptional Student Education/ESOL/Reading									
24	**Broward College** Mathematics	U	3.3	4.0	--	3.0	3.0	3.0		23
24	**Saint Leo University** Middle Grades Mathematics	U	3.3	--	3.0	3.0	3.0	4.0		33
24	**Southeastern University** Elementary Education/ESOL/Reading	U	3.3	--	4.0	3.0	2.0	4.0		120
24	**Southeastern University** Exceptional Student Education/ Elementary Education/ESOL/ Reading/Autism Spectrum Disorders	U	3.3	--	3.0	3.0	3.0	4.0		26
29	**Barry University** Elementary Education/ESOL/ Reading	U	3.2	1.0	4.0	3.0	4.0	4.0		40
29	**Chipola College** Elementary Education/ESOL/ Reading	U	3.2	3.0	4.0	3.0	3.0	3.0		123
29	**Daytona State College** Mathematics	U	3.2	4.0	4.0	3.0	1.0	4.0		13
29	**Miami Dade College** Mathematics	U	3.2	3.0	4.0	3.0	2.0	3.0	✓	38
29	**Saint Leo University** Middle Grades English/ ESOL/Reading	U	3.2	3.0	4.0	3.0	3.0	3.0		43
29	**University of Florida** Elementary Education/Exceptional Student Education/ESOL/Reading	G	3.2	3.0	3.0	3.0	2.0	4.0	✓	198
29	**University of North Florida** Elementary Education/ESOL	U	3.2	3.0	3.0	3.0	3.0	4.0		671

Rank	Institution /Program	Undergraduate Program (U) / Graduate Program (G)	Summative Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Number of Completers
29	**University of North Florida** English/ESOL	U	3.2	2.0	4.0	3.0	3.0	4.0		69
29	**University of South Florida, Tampa** Mathematics	U/G	3.2	2.0	3.0	3.0	4.0	4.0		248
29	**University of South Florida, Tampa** Reading	U	3.2	3.0	3.0	3.0	3.0	4.0		252
29	**University of West Florida** Elementary Education/ESOL/ Reading	U	3.2	3.0	3.0	3.0	3.0	4.0		161
29	**University of West Florida** Reading	U	3.2	2.0	4.0	3.0	2.0	4.0	✓	71
41	**Bethune-Cookman University** Elementary Education/ESOL /Reading	U	3.0	--	4.0	3.0	1.0	4.0		29
41	**Chipola College** English/ESOL	U	3.0	3.0	--	3.0	3.0	3.0		20
41	**Flagler College** Elementary Education/ESOL/ Reading	U	3.0	3.0	3.0	3.0	2.0	4.0		238
41	**Florida Gulf Coast University** Elementary Education/ESOL/ Reading	U	3.0	3.0	3.0	3.0	2.0	4.0		477
41	**Florida State University** Elementary Education/ESOL/ Reading	U	3.0	1.0	3.0	3.0	4.0	4.0		491
41	**Florida State University** English/ESOL	U/G	3.0	2.0	4.0	3.0	4.0	2.0		160
41	**Indian River State College** Elementary Education/ESOL/ Reading	U	3.0	3.0	--	3.0	2.0	4.0		55
41	**Northwest Florida State College** Elementary Education/ESOL/ Reading	U	3.0	3.0	4.0	3.0	1.0	4.0		156
41	**Northwest Florida State College**	U	3.0	2.0	--	3.0	3.0	4.0		13

Rank	Institution /Program	Undergraduate Program (U) / Graduate Program (G)	Summative Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Number of Completers
	Middle Grades Mathematics									
41	**St. Petersburg College** Elementary Education/ESOL/ Reading	U	3.0	4.0	3.0	3.0	2.0	3.0		395
41	**University of Central Florida** English/ESOL	U/G	3.0	4.0	3.0	3.0	1.0	4.0		277
41	**University of Central Florida** Mathematics	U/G	3.0	4.0	3.0	3.0	1.0	4.0		190
41	**University of North Florida** Middle Grades Mathematics/Middle Grades General Science	U	3.0	3.0	3.0	3.0	2.0	4.0		32
41	**University of South Florida, Sarasota Manatee** Elementary Education/ESOL/ Reading	G	3.0	3.0	4.0	3.0	1.0	4.0		248
41	**University of South Florida, St. Petersburg** Reading	U	3.0	3.0	4.0	3.0	1.0	3.0	✓	56
55	**Broward College** Middle Grades Mathematics	U	2.8	1.0	--	3.0	4.0	3.0		21
55	**Flagler College** Elementary Education/Hearing Impaired/ESOL/Reading	U	2.8	3.0	4.0	3.0	1.0	3.0		208
55	**Florida Atlantic University** Mathematics	U/G	2.8	--	3.0	3.0	1.0	4.0		27
55	**Florida Southern College** Elementary Education/ESOL /Reading	U	2.8	4.0	3.0	3.0	1.0	3.0		204
55	**Florida Southwestern State College** Elementary Education/ESOL/ Reading	U	2.8	4.0	3.0	1.0	2.0	4.0		391

Rank	Institution /Program	Undergraduate Program (U) / Graduate Program (G)	Summative Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Number of Completers
55	**Jacksonville University** Elementary Education/ESOL/ Reading	U/G	2.8	1.0	4.0	3.0	3.0	3.0		43
55	**Lynn University** Elementary Education/ESOL/ Reading	U	2.8	1.0	2.0	3.0	4.0	4.0		35
55	**Palm Beach Atlantic University** Elementary Education/ESOL	U	2.8	1.0	3.0	3.0	3.0	4.0		86
55	**University of Central Florida** Middle Grades Mathematics	U	2.8	--	3.0	3.0	1.0	4.0		13
55	**University of North Florida** Mathematics	U	2.8	3.0	3.0	3.0	1.0	4.0		41
55	**University of South Florida, Tampa** English/ESOL	U/G	2.8	4.0	4.0	1.0	1.0	4.0		568
55	**University of Tampa** Elementary Education/ESOL/ Reading	U	2.8	2.0	3.0	3.0	2.0	4.0		187
55	**University of Tampa** English/ESOL	U	2.8	2.0	4.0	3.0	1.0	4.0		18
69	**Flagler College** English/ESOL	U	2.6	1.0	--	3.0	2.0	3.0	✓	19
69	**Rollins College** Elementary Education/ESOL	U/G	2.6	2.0	3.0	3.0	1.0	4.0		83
69	**University of South Florida, Tampa** Elementary Education/ESOL	U/G	2.6	3.0	3.0	3.0	2.0	2.0		2,462
69	**University of West Florida** Elementary Education/Exceptional Student Education/ESOL/Reading	U	2.6	3.0	3.0	1.0	2.0	4.0		367
69	**Warner University** Elementary Education/ESOL	U	2.6	1.0	4.0	3.0	1.0	4.0		46

Rank	Institution /Program	Undergraduate Program (U) / Graduate Program (G)	Summative Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Number of Completers
74	**Nova Southeastern University** Elementary Education/ESOL/ Reading	U	2.5	--	3.0	3.0	2.0	2.0		76
74	**South Florida State College** Elementary Education/ESOL/ Reading	U	2.5	2.0	--	3.0	2.0	3.0		23
76	**Daytona State College** Elementary Education/ESOL/ Reading	U	2.4	3.0	4.0	1.0	1.0	3.0		266
76	**Florida College** Elementary Education/ESOL/ Reading	U	2.4	1.0	3.0	3.0	1.0	4.0		41
76	**Stetson University** Elementary Education/ESOL	U	2.4	1.0	3.0	3.0	2.0	3.0		98
76	**University of Central Florida** Elementary Education/ESOL/ Reading	U	2.4	3.0	3.0	1.0	1.0	4.0		2,479
80	**Baptist College of Florida** Elementary Education/ESOL/ Reading	U	2.3	1.0	--	3.0	2.0	3.0		16
81	**University of Miami** Elementary Education/Exceptional Student Education/ESOL/Reading	U	2.2	1.0	3.0	3.0	1.0	3.0		80
82	**University of South Florida, St. Petersburg** Elementary Education/ESOL/ Reading	U	1.8	1.0	3.0	1.0	1.0	3.0		47

Appendix D: Institutional Summaries

Institution	Rank	Summative Rating Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
Barry University									
Reading	15	3.4	4.0	4.0	3.0	2.0	4.0		154
Elementary Education/ESOL/Reading	29	3.2	1.0	4.0	3.0	4.0	4.0		40
Broward College									
Mathematics	25	3.3	4.0	--	3.0	3.0	3.0		23
Middle Grades Mathematics	55	2.8	1.0	--	3.0	4.0	3.0		21
Chipola College									
Elementary/ESOL/Reading	29	3.2	3.0	4.0	3.0	3.0	3.0		123
English/ESOL	41	3.0	3.0	--	3.0	3.0	3.0		20
Daytona State College									
Mathematics	29	3.2	4.0	4.0	3.0	1.0	4.0		13
Elementary/ESOL Reading	76	2.4	3.0	4.0	1.0	1.0	3.0		266
Flagler College									
Elementary Education/Exceptional Student Education/Reading/ESOL	11	3.5	3.0	3.0	3.0	4.0	4.0	✓	54
Elementary Education/ESOL/Reading	41	3.0	3.0	3.0	3.0	2.0	4.0		238
Elementary Education/Hearing Impaired/ ESOL/Reading	55	2.8	3.0	4.0	3.0	1.0	3.0		208
English/ESOL/	69	2.6	1.0	--	3.0	2.0	3.0	✓	19

Institution	Rank	Summative Rating Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
Florida Atlantic University									
Elementary Education/ESOL/Reading	1	3.8	4.0	3.0	4.0	4.0	4.0		1,317
English/ESOL	15	3.4	2.0	4.0	3.0	4.0	4.0		91
Reading	15	3.4	2.0	4.0	3.0	4.0	4.0		58
Mathematics	55	2.8	--	3.0	3.0	1.0	4.0		27
Florida Gulf Coast University									
Mathematics	11	3.5	4.0	3.0	3.0	3.0	4.0	✓	34
Elementary Education/ESOL/Reading	41	3.0	3.0	3.0	3.0	2.0	4.0		477
Florida International University									
Reading	6	3.6	3.0	4.0	3.0	4.0	4.0		173
English/ ESOL	11	3.5	4.0	--	3.0	4.0	3.0		28
Elementary Education/ESOL/Reading	15	3.4	2.0	4.0	3.0	4.0	4.0		785
Florida Memorial University									
Elementary Education/ESOL	6	3.6	4.0	4.0	3.0	4.0	3.0		28
Reading/ESOL	6	3.6	4.0	4.0	3.0	4.0	3.0		22
Florida State University									
Mathematics (FSU-Teach)	15	3.4	3.0	3.0	3.0	3.0	4.0	✓	67
Elementary Education/ESOL/Reading	41	3.0	1.0	3.0	3.0	4.0	4.0		491
English/ESOL	41	3.0	2.0	4.0	3.0	4.0	2.0		160

Institution	Rank	Summative Rating Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
Indian River State College									
Middle Grades Mathematics	1	3.8	4.0	4.0	3.0	4.0	4.0		59
Elementary Education/ESOL/Reading	41	3.0	3.0	--	3.0	2.0	4.0		55
Northwest Florida State College									
Elementary Education/ESOL/Reading	41	3.0	3.0	4.0	3.0	1.0	4.0		156
Middle Grades Mathematics	41	3.0	2.0	--	3.0	3.0	4.0		13
Nova Southeastern University									
Mathematics	1	3.8	--	4.0	3.0	4.0	4.0		21
Reading	6	3.6	--	3.0	3.0	4.0	4.0	✔	40
Elementary Education/ESOL/Reading	74	2.5	--	3.0	3.0	2.0	2.0		76
Saint Leo University									
Reading	1	3.8	4.0	4.0	3.0	4.0	4.0	✔	175
Elementary Education/ESOL/Reading	15	3.4	4.0	4.0	3.0	2.0	4.0		523
Middle Grades Mathematics	25	3.3	--	3.0	3.0	3.0	4.0		33
Middle Grades English/ESOL/Reading	29	3.2	3.0	4.0	3.0	3.0	3.0		43
Southeastern University									
Elementary Education/ESOL/Reading	25	3.3	--	4.0	3.0	2.0	4.0		120
Exceptional Student Education/ Elementary Education/ESOL/ Reading/Autism Spectrum Disorders	25	3.3	--	3.0	3.0	3.0	4.0		26

Institution	Rank	Summative Rating Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
St. Petersburg College									
Middle Grades Mathematics	15	3.4	4.0	4.0	3.0	2.0	3.0	✓	30
Elementary Education/ESOL/Reading	3.0	4.0	3.0	3.0	2.0	3.0		395	3.0
University of Central Florida									
Reading	6	3.6	2.0	4.0	4.0	4.0	4.0		146
English/ESOL	41	3.0	4.0	3.0	3.0	1.0	4.0		277
Mathematics	41	3.0	4.0	3.0	3.0	1.0	4.0		190
Middle Grades Mathematics	55	2.8	--	3.0	3.0	1.0	4.0		13
Elementary Education/ESOL/Reading	76	2.4	3.0	3.0	1.0	1.0	4.0		2,479
University of Florida									
English/ESOL	5	3.7	4.0	3.0	3.0	4.0	4.0	✓	60
Elementary Education/ESOL/Reading	15	3.4	4.0	3.0	3.0	3.0	4.0		387
Elementary Education/Exceptional Student Education/ESOL/Reading	29	3.2	3.0	3.0	3.0	2.0	4.0	✓	198
University of North Florida									
Elementary Education/ESOL	29	3.2	3.0	3.0	3.0	3.0	4.0		671
English/ESOL	29	3.2	2.0	4.0	3.0	3.0	4.0		69
Middle Grades Math/ Middle Grades General Science	41	3.0	3.0	3.0	3.0	2.0	4.0		32
Mathematics	55	2.8	3.0	3.0	3.0	1.0	4.0		41
University of South Florida, St. Petersburg									

Institution	Rank	Summative Rating Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
Elementary Education/Exceptional Student Education/ESOL/Reading	15	3.4	4.0	4.0	3.0	2.0	4.0		432
Reading	41	3.0	3.0	4.0	3.0	1.0	3.0	✓	56
Elementary Education/ESOL/Reading	82	1.8	1.0	3.0	1.0	1.0	3.0		47
University of South Florida, Tampa									
Middle Grades Mathematics	11	3.5	3.0	4.0	3.0	3.0	4.0	✓	132
Mathematics	29	3.2	2.0	3.0	3.0	4.0	4.0		248
Reading	29	3.2	3.0	3.0	3.0	3.0	4.0		252
English/ESOL	55	2.8	4.0	4.0	1.0	1.0	4.0		568
Elementary Education/ESOL	69	2.6	3.0	3.0	3.0	2.0	2.0		2,462
University of Tampa									
Elementary Education/ESOL/Reading	55	2.8	2.0	3.0	3.0	2.0	4.0		187
English/ESOL	55	2.8	2.0	4.0	3.0	1.0	4.0		18
University of West Florida									
Elementary Education/ESOL/Reading	29	3.2	3.0	3.0	3.0	3.0	4.0		161
Reading	29	3.2	2.0	4.0	3.0	2.0	4.0	✓	71
Elementary Education/Exceptional Student Education/ESOL/Reading	69	2.6	3.0	3.0	1.0	2.0	4.0		367

Appendix E: APPR Summary Table Elementary Education Programs

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

Rank	Institution/Program	Undergrad/ Grad	Summative Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Number of Completers
1	**Florida Atlantic University** Elementary Education/ESOL/Reading	U/G	3.8	4.0	3.0	4.0	4.0	4.0		1,317
2	**Florida Memorial University** Elementary Education/ESOL	U	3.6	4.0	4.0	3.0	4.0	3.0		28
3	**Flagler College** Elementary Education/Exceptional Student Education/ESOL/Reading	U	3.5	3.0	3.0	3.0	4.0	4.0	✓	54
4	**Florida A&M University** Elementary Education/ESOL/Reading	U	3.4	4.0	4.0	3.0	3.0	3.0		117
4	**Saint Leo University** Elementary Education/ESOL/Reading	U	3.4	4.0	4.0	3.0	2.0	4.0		523
4	**University of Florida** Elementary Education/ESOL/Reading	U	3.4	4.0	3.0	3.0	3.0	4.0		387
4	**University of South Florida, St. Petersburg** Elementary Education/Exceptional Student Education/ESOL/Reading	U	3.4	4.0	4.0	3.0	2.0	4.0		432
9	**Southeastern University** Elementary Education/ESOL/Reading	U	3.3	--	4.0	3.0	2.0	4.0		120
9	**Southeastern University** Exceptional Student Education/ Elementary Education/ESOL/ Reading/Autism Spectrum Disorders	U	3.3	--	3.0	3.0	3.0	4.0		26
11	**Barry University** Elementary Education/ESOL/Reading	U	3.2	1.0	4.0	3.0	4.0	4.0		40

Rank	Institution/Program	Undergrad/ Grad	Summative Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Number of Completers
11	**Chipola College** Elementary Education/ESOL/Reading	U	3.2	3.0	4.0	3.0	3.0	3.0		123
11	**University of Florida** Elementary Education/Exceptional Student Education/ESOL/Reading	G	3.2	3.0	3.0	3.0	2.0	4.0	✓	198
11	**University of North Florida** Elementary Education/ESOL	U	3.2	3.0	3.0	3.0	3.0	4.0		671
11	**University of West Florida** Elementary Education/ESOL/Reading	U	3.2	3.0	3.0	3.0	3.0	4.0		161
16	**Bethune-Cookman University** Elementary Education/ESOL /Reading	U	3.0	--	4.0	3.0	1.0	4.0		29
16	**Flagler College** Elementary Education/ESOL/ Reading	U	3.0	3.0	3.0	3.0	2.0	4.0		238
16	**Florida Gulf Coast University** Elementary Education/ESOL/Reading	U	3.0	3.0	3.0	3.0	2.0	4.0		477
16	**Florida State University** Elementary Education/ESOL/Reading	U	3.0	1.0	3.0	3.0	4.0	4.0		491
16	**Indian River State College** Elementary Education/ESOL/Reading	U	3.0	3.0	--	3.0	2.0	4.0		55
16	**Northwest Florida State College** Elementary Education/ESOL/Reading	U	3.0	3.0	4.0	3.0	1.0	4.0		156
16	**St. Petersburg College** Elementary Education/ESOL/Reading	U	3.0	4.0	3.0	3.0	2.0	3.0		395
16	**University of South Florida, Sarasota Manatee** Elementary Education/ESOL/Reading	G	3.0	3.0	4.0	3.0	1.0	4.0		248
24	**Flagler College**	U	2.8	3.0	4.0	3.0	1.0	3.0		208

Rank	Institution/Program	Undergrad/ Grad	Summative Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Number of Completers
	Elementary Education/Hearing Impaired/ ESOL/Reading									
24	**Florida Southern College** Elementary Education/ESOL/Reading	U	2.8	4.0	3.0	3.0	1.0	3.0		204
24	**Florida Southwestern State College** Elementary Education/ESOL/Reading	U	2.8	4.0	3.0	1.0	2.0	4.0		391
24	**Jacksonville University** Elementary Education/ESOL/Reading	U/G	2.8	1.0	4.0	3.0	3.0	3.0		43
24	**Lynn University** Elementary Education/ESOL/Reading	U	2.8	1.0	2.0	3.0	4.0	4.0		35
24	**Palm Beach Atlantic University** Elementary Education/ESOL	U	2.8	1.0	3.0	3.0	3.0	4.0		86
24	**University of Tampa** Elementary Education/ESOL/Reading	U	2.8	2.0	3.0	3.0	2.0	4.0		187
31	**Rollins College** Elementary Education/ESOL	U/G	2.6	2.0	3.0	3.0	1.0	4.0		83
31	**University of South Florida, Tampa** Elementary Education/ESOL	U/G	2.6	3.0	3.0	3.0	2.0	2.0		2,462
31	**University of West Florida** Elementary Education/Exceptional Student Education/ESOL/Reading	U	2.6	3.0	3.0	1.0	2.0	4.0		367
31	**Warner University** Elementary Education/ESOL	U	2.6	1.0	4.0	3.0	1.0	4.0		46
35	**Nova Southeastern University** Elementary Education/ESOL/Reading	U	2.5	--	3.0	3.0	2.0	2.0		76
35	**South Florida State College** Elementary Education/ESOL/Reading	U	2.5	2.0	--	3.0	2.0	3.0		23

Rank	Institution/Program	Undergrad/ Grad	Summative Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Number of Completers
37	**Daytona State College** Elementary Education/ESOL/Reading	U	2.4	3.0	4.0	1.0	1.0	3.0		266
37	**Florida College** Elementary Education/ESOL/Reading	U	2.4	1.0	3.0	3.0	1.0	4.0		41
37	**Stetson University** Elementary Education/ESOL	U	2.4	1.0	3.0	3.0	2.0	3.0		98
37	**University of Central Florida** Elementary Education/ESOL/Reading	U	2.4	3.0	3.0	1.0	1.0	4.0		2,479
41	**Baptist College of Florida** Elementary Education/ESOL/Reading	U	2.3	1.0	--	3.0	2.0	3.0		16
42	**University of Miami** Elementary Education/Exceptional Student Education/ESOL/Reading	U	2.2	1.0	3.0	3.0	1.0	3.0		80
43	**University of South Florida, St. Petersburg** Elementary Education/ESOL/Reading	U	1.8	1.0	3.0	1.0	1.0	3.0		47

Appendix F: APPR Summary Table English and Reading Programs

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

Rank	Institution/ Program	Undergrad/Grad	Summative Rating Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
1	**Saint Leo University** Reading	G	3.8	4.0	4.0	3.0	4.0	4.0	✓	175
2	**University of Florida** English/ESOL	U	3.7	4.0	3.0	3.0	4.0	4.0	✓	60
3	**Florida International University** Reading	U	3.6	3.0	4.0	3.0	4.0	4.0		173
3	**Florida Memorial University** Reading/ESOL	U	3.6	4.0	4.0	3.0	4.0	3.0		22
3	**Nova Southeastern University** Reading	U	3.6	--	3.0	3.0	4.0	4.0	✓	40
3	**University of Central Florida** Reading	U	3.6	2.0	4.0	4.0	4.0	4.0		146
7	**Florida International University** English/ESOL	U	3.5	4.0	--	3.0	4.0	3.0		28
8	**Barry University** Reading	G	3.4	4.0	4.0	3.0	2.0	4.0		154
8	**Florida Atlantic University** English/ESOL	U	3.4	2.0	4.0	3.0	4.0	4.0		91
8	**Florida Atlantic University** Reading	U	3.4	2.0	4.0	3.0	4.0	4.0		58
11	**Saint Leo University** Middle Grades English/ ESOL/Reading	U	3.2	3.0	4.0	3.0	3.0	3.0		43

Rank	Institution/ Program	Undergrad/Grad	Summative Rating Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
11	**University of North Florida** English/ESOL	U	3.2	2.0	4.0	3.0	3.0	4.0		69
11	**University of South Florida, Tampa** Reading	U	3.2	3.0	3.0	3.0	3.0	4.0		252
11	**University of West Florida** Reading	U	3.2	2.0	4.0	3.0	2.0	4.0	✓	71
15	**Chipola College** English/ESOL	U	3.0	3.0	--	3.0	3.0	3.0		20
15	**Florida State University** English/ESOL	U/G	3.0	2.0	4.0	3.0	4.0	2.0		160
15	**University of Central Florida** English/ESOL	U/G	3.0	4.0	3.0	3.0	1.0	4.0		277
15	**University of South Florida, St. Petersburg** Reading	U	3.0	3.0	4.0	3.0	1.0	3.0	✓	56
19	**University of South Florida, Tampa** English/ESOL	U/G	2.8	4.0	4.0	1.0	1.0	4.0		568
19	**University of Tampa** English/ESOL	U	2.8	2.0	4.0	3.0	1.0	4.0		18
21	**Flagler College** English/ESOL	U	2.6	1.0	--	3.0	2.0	3.0	✓	19

Appendix G: APPR Summary Table Mathematics Programs

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

Rank	Institution/ Program	Undergrad/ Grad	Summative Rating Score	Placement Score	Retention Score	Student Achievement Score	Student Achievement by Subgroup Score	Teacher Evaluation Score	Critical Teacher Shortage Area Bonus	Completers
1	Indian River State College Middle Grades Mathematics	U	3.8	4.0	4.0	3.0	4.0	4.0		59
1	Nova Southeastern University Mathematics	U/G	3.8	--	4.0	3.0	4.0	4.0		21
3	Florida Gulf Coast University Mathematics	U	3.5	4.0	3.0	3.0	3.0	4.0	✓	34
3	University of South Florida, Tampa Middle Grades Mathematics	U/G	3.5	3.0	4.0	3.0	3.0	4.0	✓	132
5	Florida State University Mathematics	U/G	3.4	3.0	3.0	3.0	3.0	4.0	✓	67
5	St. Petersburg College Middle Grades Mathematics	U	3.4	4.0	4.0	3.0	2.0	3.0	✓	30
7	Broward College Mathematics	U	3.3	4.0	--	3.0	3.0	3.0		23
7	Saint Leo University Middle Grades Mathematics	U	3.3	--	3.0	3.0	3.0	4.0		33
9	Daytona State College Mathematics	U	3.2	4.0	4.0	3.0	1.0	4.0		13
9	Miami Dade College Mathematics	U	3.2	3.0	4.0	3.0	2.0	3.0	✓	38
9	University of South Florida, Tampa Mathematics	U/G	3.2	2.0	3.0	3.0	4.0	4.0		248
12	Northwest Florida State College Middle Grades Mathematics	U	3.0	2.0	--	3.0	3.0	4.0		13

	Institution / Program	Level							
12	**University of Central Florida** Mathematics	U/G	3.0	4.0	3.0	3.0	1.0	4.0	190
12	**University of North Florida** Middle Grades Mathematics/Middle Grades General Science	U	3.0	3.0	3.0	3.0	2.0	4.0	32
15	**Broward College** Middle Grades Mathematics	U	2.8	1.0	--	3.0	4.0	3.0	21
15	**Florida Atlantic University** Mathematics	U/G	2.8	--	3.0	3.0	1.0	4.0	27
15	**University of Central Florida** Middle Grades Mathematics	U	2.8	--	3.0	3.0	1.0	4.0	13
15	**University of North Florida** Mathematics	U	2.8	3.0	3.0	3.0	1.0	4.0	41

Appendix H: Florida Teacher Certification Examinations
Examinee Pass Rates[29]
August 2016-July 2019

Professional Knowledge

Pass Rates for Professional Education (PED)

Professional Education	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Broward College	171	134	78.4%	210.2	185	169	91.4%	212.4
Daytona State College	49	40	81.6%	213.7	52	47	90.4%	215
Eastern Florida State College					2	1	50.0%	197.5
Florida Gateway College	59	50	84.7%	211.8	65	61	93.8%	212.3
Florida Gulf Coast University	49	44	89.8%	218.7	52	52	100.0%	220.3
Florida State College at Jacksonville	9	6	66.7%	207.8	14	11	78.6%	207
Florida Teachers of Tomorrow	24	20	83.3%	218	24	21	87.5%	219.4
Gulf Coast State College	33	31	93.9%	217.8	36	36	100.0%	217.8

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[29] The following notes apply to all exam data included in Appendix H.
Source: Data provided by Evaluation Systems Group of Pearson

1. Examinee matching is based on Title II data records up to the 2018-2019 school year. Examinees are matched using both Title II institution and program of study. Program totals include all examinees claimed by an institution or PDCP during Title II reporting for a specified test field.
2. Results for fewer than 10 examinees should be interpreted with caution.
3. Grand total includes all first or best examinee attempts (program or non-program) within the date range.
4. Examinees can be claimed by more than one institution.

Professional Education	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Hillsborough Community College	268	235	87.7%	216.5	285	265	93.0%	217.1
Indian River State College	62	56	90.3%	217.9	68	64	94.1%	217.6
Miami Dade College	29	19	65.5%	207	36	31	86.1%	209.2
Palm Beach State College	128	101	78.9%	212.4	144	132	91.7%	213.1
Pasco Hernando State College	79	65	82.3%	214.1	88	83	94.3%	215.5
Polk State College	234	186	79.5%	213	253	233	92.1%	214.8
Santa Fe College	54	49	90.7%	217.9	55	54	98.2%	219.3
Seminole State College	156	130	83.3%	215.4	165	156	94.5%	217.1
St. Johns River State College	106	92	86.8%	214.7	114	108	94.7%	215.8
St. Petersburg College	35	32	91.4%	217.1	36	35	97.2%	217.8
State College of Florida, Manatee-Sarasota	102	94	92.2%	221.6	106	104	98.1%	222.2
University of Florida	60	59	98.3%	228.1	60	60	100.0%	228.2
University of North Florida	105	90	85.7%	215.4	115	106	92.2%	215
University of West Florida	948	874	92.2%	218.8	990	963	97.3%	219.1
Valencia College	277	242	87.4%	217	285	268	94.0%	217.9
EPI TOTAL	3037	2649	87.2%	216.5	3230	3060	94.7%	217.2
Professional Development Certification Programs (PDCP)								
Alachua	23	21	91.3%	221	23	22	95.7%	221.6
Baker	16	13	81.3%	214.4	16	15	93.8%	216.9
Bay	55	51	92.7%	220.4	62	62	100.0%	220
Bradford	7	7	100.0%	220.7	7	7	100.0%	220.7
Brevard	76	66	86.8%	216.7	78	76	97.4%	219.1

Professional Education	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Broward	203	169	83.3%	214.2	215	210	97.7%	216.2
DeSoto	7	5	71.4%	207.7	7	7	100.0%	213.1
Duval	262	210	80.2%	213	268	247	92.2%	214.9
Escambia	108	92	85.2%	217.1	113	109	96.5%	218.8
Gadsden	22	15	68.2%	204	24	16	66.7%	205.5
Gilchrist	1	1	100.0%	202	1	1	100.0%	202
Hillsborough	427	380	89.0%	216.9	441	432	98.0%	218.3
Indian River	24	18	75.0%	211.9	25	25	100.0%	216.6
Lake	34	32	94.1%	218.5	34	33	97.1%	218.9
Lee					3	2	66.7%	220.7
Levy	5	5	100.0%	214.6	5	5	100.0%	214.6
Manatee	82	71	86.6%	216.8	83	82	98.8%	218.8
Marion	1	0	0.0%	173	1	1	100.0%	219
Miami-Dade	140	110	78.6%	210.9	148	142	95.9%	214.4
Okaloosa	26	24	92.3%	217.6	26	25	96.2%	218
Orange	511	443	86.7%	217.1	527	510	96.8%	218.7
Palm Beach	137	116	84.7%	213.4	144	140	97.2%	215.7
Pasco	147	131	89.1%	217.6	153	151	98.7%	218.8
Pinellas	133	105	78.9%	214	140	133	95.0%	216.2
Polk	134	113	84.3%	214.1	138	137	99.3%	217.1
Putnam	4	3	75.0%	212.5	4	4	100.0%	217
Santa Rosa	20	17	85.0%	216.5	21	21	100.0%	221

Professional Education	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Sumter	4	3	75.0%	206	4	4	100.0%	213.8
Suwannee	1	1	100.0%	228	1	1	100.0%	228
PDCP TOTAL	**2610**	**2222**	**85.1%**	**215.5**	**2712**	**2620**	**96.6%**	**217.4**
Private College/University								
American College of Education	46	38	82.6%	212.5	53	48	90.6%	213.4
Ave Maria University	13	11	84.6%	215.7	13	13	100.0%	218.4
Baptist College of Florida	9	5	55.6%	211.9	9	7	77.8%	218.2
Barry University	24	15	62.5%	201.5	27	22	81.5%	207.9
Bethune-Cookman University	21	12	57.1%	203.6	32	28	87.5%	207.4
Edward Waters College	2	1	50.0%	200.5	6	6	100.0%	206.5
Flagler College	188	167	88.8%	216	195	191	97.9%	217.4
Florida College	17	14	82.4%	214.2	17	14	82.4%	214.4
Florida Institute of Technology	11	9	81.8%	215.4	11	10	90.9%	216.7
Florida Memorial University	7	3	42.9%	189.3	15	11	73.3%	201.2
Florida Southern College	98	84	85.7%	214.1	103	100	97.1%	216.2
Jacksonville University	9	8	88.9%	212.3	9	8	88.9%	212.3
Lynn University	9	4	44.4%	195	9	7	77.8%	203.1
National-Louis University	1	1	100.0%	229	4	3	75.0%	207.8
Nova Southeastern University	189	130	68.8%	206.7	226	195	86.3%	210
Palm Beach Atlantic University	63	51	81.0%	214.7	65	65	100.0%	217.8
Rollins College	41	33	80.5%	214.7	43	40	93.0%	216.3
Saint Leo University	200	161	80.5%	211.3	233	210	90.1%	211.8

Professional Education	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Southeastern University	74	66	89.2%	213.4	76	74	97.4%	214.9
Southern Technical College	8	5	62.5%	208.1	10	8	80.0%	211
Stetson University	77	66	85.7%	216.6	80	78	97.5%	218.7
Trinity International University	5	3	60.0%	203.4	5	3	60.0%	203.4
University of Miami	46	40	87.0%	217.2	47	46	97.9%	219.2
University of Tampa	107	88	82.2%	213.6	112	112	100.0%	216.4
Warner University	8	7	87.5%	210.9	9	8	88.9%	209.1
PRIVATE COLLEGE/UNIVERSITY TOTAL	1273	1022	80.3%	212.2	1409	1307	92.8%	214
State College								
Broward College	205	152	74.1%	207.1	216	192	88.9%	209.5
Daytona State College	162	145	89.5%	216	168	162	96.4%	216.9
Florida State College at Jacksonville	105	71	67.6%	205.2	125	106	84.8%	208.4
Indian River State College	176	143	81.3%	211.7	184	174	94.6%	214
Miami Dade College	325	209	64.3%	204	373	332	89.0%	208.2
St. Johns River State College	46	38	82.6%	212	53	52	98.1%	213.5
St. Petersburg College	255	226	88.6%	216.5	272	253	93.0%	216.8
Chipola College	46	37	80.4%	212.7	51	49	96.1%	214.6
College of Central Florida	38	30	78.9%	208.4	38	37	97.4%	212.2
Florida Southwestern State College	197	175	88.8%	216	212	207	97.6%	216.6
Northwest Florida State College	63	59	93.7%	218.1	65	65	100.0%	219
South Florida State College	41	35	85.4%	213	41	38	92.7%	214.7
STATE COLLEGE TOTAL	1659	1320	79.6%	211.1	1798	1667	92.7%	213

Professional Education	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
State University								
Florida Gulf Coast University	422	353	83.6%	212.6	462	445	96.3%	214.5
University of Florida	474	458	96.6%	224.3	486	481	99.0%	224.5
University of North Florida	393	341	86.8%	214.7	413	397	96.1%	216
University of West Florida	231	180	77.9%	210.8	252	234	92.9%	213.7
Florida A&M University	63	41	65.1%	204.4	80	64	80.0%	206.6
Florida Atlantic University	366	287	78.4%	209.4	433	398	91.9%	211.1
Florida International University	332	249	75.0%	207.9	379	343	90.5%	210.6
Florida State University	468	419	89.5%	217.5	491	487	99.2%	218.5
University of Central Florida	1440	1228	85.3%	214.1	1538	1494	97.1%	215.8
University of South Florida, Sarasota Manatee	134	120	89.6%	216.7	135	135	100.0%	218.4
University of South Florida, Tampa	1072	953	88.9%	215.8	1114	1076	96.6%	216.9
University of South Florida, St. Petersburg	157	138	87.9%	216	167	159	95.2%	216.5
STATE UNIVERSITY TOTAL	**5552**	**4767**	**85.9%**	**214.7**	**5950**	**5713**	**96.0%**	**216**
PROGRAM TOTAL	**14131**	**11980**	**84.8%**	**214.6**	**15099**	**14367**	**95.2%**	**216**
NON-PROGRAM TOTAL	**13092**	**9679**	**73.9%**	**209.5**	**14446**	**12170**	**84.2%**	**211.4**
GRAND TOTAL	**27223**	**21659**	**79.6%**	**212.2**	**29545**	**26537**	**89.8%**	**213.7**

Subject Area Examinations

Pass Rates for Biology 6-12

Biology 6-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Broward College	7	7	100.0%	226.9	7	7	100.0%	226.9
Daytona State College	3	1	33.3%	196.3	3	2	66.7%	204.7
Eastern Florida State College	1	0	0.0%	159	1	0	0.0%	159
Florida Gateway College	3	2	66.7%	204.7	4	3	75.0%	207.8
Florida Gulf Coast University	7	4	57.1%	217.3	7	5	71.4%	218.4
Florida Teachers of Tomorrow	4	3	75.0%	211.5	4	4	100.0%	216.5
Gulf Coast State College	3	3	100.0%	215.3	5	3	60.0%	204
Hillsborough Community College	13	10	76.9%	205.1	14	13	92.9%	213
Indian River State College	9	8	88.9%	215.1	9	8	88.9%	216.8
Miami Dade College	2	2	100.0%	211.5	2	2	100.0%	211.5
Palm Beach State College	12	11	91.7%	216.8	12	11	91.7%	216.8

Biology 6-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Pasco Hernando State College	7	5	71.4%	213.7	8	6	75.0%	212
Polk State College	9	5	55.6%	207.8	9	6	66.7%	209.4
Santa Fe College	6	5	83.3%	226.8	6	5	83.3%	226.8
Seminole State College	7	5	71.4%	215.4	8	7	87.5%	219.3
St. Johns River State College	11	9	81.8%	214	11	9	81.8%	214.5
St. Petersburg College	3	3	100.0%	226.7	4	4	100.0%	226.5
State College of Florida, Manatee-Sarasota	8	7	87.5%	217	8	7	87.5%	217
University of Florida	3	3	100.0%	229.7	3	3	100.0%	229.7
University of North Florida	10	6	60.0%	209.9	11	7	63.6%	211.1
University of West Florida	54	48	88.9%	225.7	55	50	90.9%	225.5
Valencia College	27	20	74.1%	210.9	29	24	82.8%	213.5
EPI TOTAL	209	167	79.9%	216.6	220	186	84.5%	217.6
Professional Development Certification Programs (PDCP)								
Alachua	2	2	100.0%	228.5	2	2	100.0%	228.5
Bay	6	6	100.0%	218.8	6	6	100.0%	218.8
Bradford	2	2	100.0%	216	2	2	100.0%	216
Brevard	3	3	100.0%	230.7	3	3	100.0%	230.7
Broward	15	15	100.0%	216.9	19	19	100.0%	215.4
Duval	12	9	75.0%	211.8	14	14	100.0%	215.2
Escambia	5	4	80.0%	219.4	5	5	100.0%	221.2
Gadsden	1	1	100.0%	200	2	1	50.0%	194.5
Hillsborough	21	17	81.0%	211.1	22	22	100.0%	214.5

Biology 6-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Indian River	1	1	100.0%	208	1	1	100.0%	208
Lake	4	4	100.0%	228	4	4	100.0%	228
Lee	1	1	100.0%	239	1	1	100.0%	239
Manatee	5	4	80.0%	222.8	5	5	100.0%	226.8
Miami-Dade	9	8	88.9%	218.8	9	9	100.0%	220
Okaloosa	1	1	100.0%	200	1	1	100.0%	200
Orange	42	38	90.5%	221	44	43	97.7%	222.3
Palm Beach	17	16	94.1%	213.3	17	17	100.0%	215.4
Pasco	14	12	85.7%	218.9	14	13	92.9%	219.5
Pinellas	13	13	100.0%	227.1	14	14	100.0%	225.9
Polk	6	6	100.0%	225.3	6	6	100.0%	225.3
Santa Rosa	2	2	100.0%	240.5	2	2	100.0%	240.5
Sumter	1	1	100.0%	205	1	1	100.0%	205
PDCP TOTAL	183	166	90.7%	218.7	194	191	98.5%	219.6
Private College/University								
Florida Institute of Technology	3	3	100.0%	220.7	3	3	100.0%	220.7
Southeastern University	1	1	100.0%	223	2	2	100.0%	216
University of Tampa	6	6	100.0%	218.7	6	6	100.0%	218.7
PRIVATE COLLEGE/UNIVERSITY TOTAL	10	10	100.0%	219.7	11	11	100.0%	218.7
State College								
Broward College	11	9	81.8%	215.3	12	12	100.0%	218.2
Daytona State College	2	2	100.0%	216.5	2	2	100.0%	216.5

Biology 6-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Indian River State College	6	5	83.3%	218.7	6	6	100.0%	219.5
Miami Dade College	2	2	100.0%	212	3	2	66.7%	207
St. Petersburg College	6	6	100.0%	224.3	6	6	100.0%	224.3
STATE COLLEGE TOTAL	**27**	**24**	**88.9%**	**217.9**	**29**	**28**	**96.6%**	**218.4**
State University								
Florida Gulf Coast University	5	4	80.0%	210.2	7	7	100.0%	211.9
University of Florida	4	4	100.0%	222.8	5	5	100.0%	226.6
University of North Florida	10	9	90.0%	215.5	10	9	90.0%	215.5
Florida Atlantic University	10	10	100.0%	222.3	13	12	92.3%	220.2
Florida International University	5	5	100.0%	211.6	7	6	85.7%	208.3
Florida State University	12	12	100.0%	224.1	14	14	100.0%	225.5
University of Central Florida	26	22	84.6%	213.9	28	27	96.4%	217.9
University of South Florida, Tampa	21	17	81.0%	213	23	21	91.3%	215.7
STATE UNIVERSITY TOTAL	**93**	**83**	**89.2%**	**216.2**	**107**	**101**	**94.4%**	**217.8**
PROGRAM TOTAL	**522**	**450**	**86.2%**	**217.4**	**561**	**517**	**92.2%**	**218.4**
NON-PROGRAM TOTAL	**1147**	**782**	**68.2%**	**208.1**	**1261**	**950**	**75.3%**	**210**
GRAND TOTAL	**1669**	**1232**	**73.8%**	**211**	**1822**	**1467**	**80.5%**	**212.6**

Pass Rates for Elementary Education K-6 Subtest 1: Language Arts and Reading

Elementary Education K-6 Subtest 1: Lang Arts and Reading	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
ASHFORD UNIVERSITY	3	2	66.7%	206	3	3	100.0%	218
Broward College	62	29	46.8%	197.2	72	49	68.1%	201.8
Daytona State College	16	11	68.8%	206.6	18	16	88.9%	210.7
Eastern Florida State College	2	2	100.0%	204.5	2	2	100.0%	204.5
Florida Gateway College	2	2	100.0%	219.5	5	5	100.0%	212
Florida Gulf Coast University	11	9	81.8%	211.2	12	12	100.0%	215.8
Florida State College at Jacksonville	10	4	40.0%	197.6	10	8	80.0%	206
Florida Teachers of Tomorrow	17	9	52.9%	204.8	18	15	83.3%	209.7
Gulf Coast State College	13	8	61.5%	207.2	16	10	62.5%	208.3
Hillsborough Community College	144	77	53.5%	197.8	168	121	72.0%	203.1
Indian River State College	22	13	59.1%	195.5	23	19	82.6%	207.7

Elementary Education K-6 Subtest 1: Lang Arts and Reading	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Miami Dade College	8	3	37.5%	191.8	11	7	63.6%	201.1
Palm Beach State College	33	17	51.5%	197.1	39	28	71.8%	202
Pasco Hernando State College	15	6	40.0%	195.6	16	11	68.8%	198.9
Polk State College	54	20	37.0%	191	66	42	63.6%	197.1
Santa Fe College	14	11	78.6%	209.4	15	14	93.3%	211.4
Seminole State College	46	18	39.1%	192.5	48	34	70.8%	201.4
St. Johns River State College	30	19	63.3%	201.7	36	32	88.9%	206.9
St. Petersburg College	15	10	66.7%	203.8	17	16	94.1%	210.1
State College of Florida, Manatee-Sarasota	26	15	57.7%	202.4	27	24	88.9%	207.9
University of Florida	47	41	87.2%	215.3	48	47	97.9%	217.6
University of North Florida	15	10	66.7%	207.2	22	14	63.6%	203
University of West Florida	356	266	74.7%	209.6	386	364	94.3%	214
Valencia College	34	23	67.6%	201.9	41	34	82.9%	206.3
EPI TOTAL	995	625	62.8%	203.4	1119	927	82.8%	208.1
Professional Development Certification Programs (PDCP)								
Alachua	2	2	100.0%	204.5	3	3	100.0%	204
Baker	3	3	100.0%	219	4	4	100.0%	217.3
Bay	11	10	90.9%	212	11	11	100.0%	213.6
Bradford					1	1	100.0%	203
Brevard	10	8	80.0%	206.9	11	11	100.0%	213.9
Broward	13	7	53.8%	203	15	13	86.7%	209.2
Duval	27	13	48.1%	200.9	30	22	73.3%	207.3

Elementary Education K-6 Subtest 1: Lang Arts and Reading	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Escambia	8	8	100.0%	212.8	9	8	88.9%	211
Gadsden	7	1	14.3%	180.7	8	5	62.5%	190.6
Hillsborough	50	34	68.0%	206.4	63	55	87.3%	210
Indian River	4	1	25.0%	185	4	3	75.0%	207.5
Lake	3	1	33.3%	201	3	2	66.7%	212
Lee	2	2	100.0%	216.5	2	2	100.0%	216.5
Levy	2	1	50.0%	204.5	2	2	100.0%	215
Manatee	9	5	55.6%	202	10	10	100.0%	209.6
Miami-Dade	18	8	44.4%	192.6	20	14	70.0%	198.3
Okaloosa	1	1	100.0%	203	1	1	100.0%	203
Orange	39	20	51.3%	196.8	46	34	73.9%	204.7
Palm Beach	9	3	33.3%	188.7	11	6	54.5%	194.8
Pasco	17	11	64.7%	203.2	21	20	95.2%	210.6
Pinellas	7	3	42.9%	197	7	6	85.7%	206
Polk	11	4	36.4%	194.8	12	12	100.0%	209.5
Santa Rosa	4	3	75.0%	209	5	5	100.0%	213.2
Sumter					1	0	0.0%	173
PDCP TOTAL	257	149	58.0%	201.1	300	250	83.3%	207.2
Private College/University								
Ave Maria University	15	14	93.3%	220.4	15	15	100.0%	222
Baptist College of Florida	9	8	88.9%	215.7	9	8	88.9%	215.7
Barry University	13	4	30.8%	191.2	15	10	66.7%	200.6

Elementary Education K-6 Subtest 1: Lang Arts and Reading	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Bethune-Cookman University	11	5	45.5%	196.3	15	11	73.3%	202.9
Edward Waters College	4	1	25.0%	186.5	9	7	77.8%	201.3
Flagler College	190	148	77.9%	209.9	202	196	97.0%	214.4
Florida College	10	8	80.0%	208.4	10	9	90.0%	209.3
Florida Memorial University	4	1	25.0%	194	4	2	50.0%	196.3
Florida Southern College	86	64	74.4%	209.9	89	87	97.8%	215.2
Jacksonville University	7	6	85.7%	216.3	7	7	100.0%	218.9
Johnson University - Florida	1	1	100.0%	209	1	1	100.0%	209
Lynn University	5	2	40.0%	194	6	4	66.7%	197.5
Nova Southeastern University	43	18	41.9%	195.9	49	36	73.5%	204.5
Palm Beach Atlantic University	49	37	75.5%	209.1	51	49	96.1%	213.6
Rollins College	35	26	74.3%	208.7	35	33	94.3%	213.4
Saint Leo University	152	70	46.1%	199.1	174	149	85.6%	207.7
Southeastern University	79	60	75.9%	208.2	82	80	97.6%	212.7
Southern Technical College	6	3	50.0%	198.5	8	6	75.0%	206
Stetson University	40	36	90.0%	216.7	42	41	97.6%	218
Trinity International University	5	5	100.0%	206.6	5	5	100.0%	206.6
University of Miami	30	26	86.7%	213.6	31	30	96.8%	215
University of Tampa	89	67	75.3%	208.7	97	92	94.8%	213.6
Warner University	7	2	28.6%	194.9	7	6	85.7%	205.6
PRIVATE COLLEGE/UNIVERSITY TOTAL	**890**	**612**	**68.8%**	**206.8**	**963**	**884**	**91.8%**	**211.9**
State College								

Elementary Education K-6 Subtest 1: Lang Arts and Reading	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Daytona State College	128	105	82.0%	211.1	142	132	93.0%	213.3
Indian River State College	84	61	72.6%	207.5	90	81	90.0%	211.2
St. Petersburg College	167	134	80.2%	211.5	179	173	96.6%	214.9
Chipola College	28	21	75.0%	205.8	31	27	87.1%	209.1
Florida Southwestern State College	198	137	69.2%	207.7	214	200	93.5%	212.9
Northwest Florida State College	59	52	88.1%	212.1	60	58	96.7%	214.6
South Florida State College	34	28	82.4%	211.4	36	35	97.2%	216.4
STATE COLLEGE TOTAL	698	538	77.1%	209.7	752	706	93.9%	213.4
State University								
Florida Gulf Coast University	219	116	53.0%	199.2	239	225	94.1%	209.6
University of Florida	222	190	85.6%	214.2	224	224	100.0%	216.9
University of North Florida	185	128	69.2%	204.8	206	195	94.7%	210.5
University of West Florida	151	93	61.6%	203.5	178	160	89.9%	209.5
Florida A&M University	38	21	55.3%	199.8	42	31	73.8%	201.3
Florida Atlantic University	251	147	58.6%	200.1	294	255	86.7%	206.5
Florida International University	183	116	63.4%	203	211	190	90.0%	209.7
Florida State University	107	88	82.2%	213.6	116	114	98.3%	215.9
University Of Central Florida	914	693	75.8%	209.7	962	917	95.3%	213.5
University of South Florida, Sarasota Manatee	125	94	75.2%	208.3	136	130	95.6%	213.5
University of South Florida, Tampa	455	333	73.2%	209.1	476	449	94.3%	213.1
University of South Florida, St. Petersburg	143	99	69.2%	207.6	157	143	91.1%	211
STATE UNIVERSITY TOTAL	2993	2118	70.8%	207.2	3241	3033	93.6%	211.9

Elementary Education K-6 Subtest 1: Lang Arts and Reading	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
PROGRAM TOTAL	5833	4042	69.3%	206.5	6375	5800	91.0%	211.2
NON-PROGRAM TOTAL	11161	5601	50.2%	195.9	12012	8146	67.8%	201.2
GRAND TOTAL	16994	9643	56.7%	199.5	18387	13946	75.8%	204.7

Pass Rates for Elementary Education K-6 Subtest 2: Social Science

Elementary Education K-6 Subtest 2: Social Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Ashford University	3	3	100.0%	228.3	3	3	100.0%	228.3
Broward College	62	43	69.4%	208.6	68	53	77.9%	211.4
Daytona State College	16	14	87.5%	224.7	17	15	88.2%	224.2
Eastern Florida State College	2	2	100.0%	225.5	2	2	100.0%	225.5
Florida Gateway College	2	2	100.0%	219	4	4	100.0%	214.8
Florida Gulf Coast University	11	10	90.9%	220.9	12	11	91.7%	220.3
Florida State College at Jacksonville	10	6	60.0%	209.6	10	7	70.0%	210.3
Florida Teachers of Tomorrow	17	14	82.4%	218.4	17	16	94.1%	222.2
Gulf Coast State College	13	11	84.6%	224.7	16	14	87.5%	220.8
Hillsborough Community College	144	108	75.0%	212.5	158	131	82.9%	214.5
Indian River State College	22	17	77.3%	210	23	20	87.0%	217

Elementary Education K-6 Subtest 2: Social Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Miami Dade College	8	6	75.0%	212.4	8	6	75.0%	212.4
Palm Beach State College	33	21	63.6%	210.4	37	28	75.7%	213.3
Pasco Hernando State College	15	11	73.3%	213.8	16	13	81.3%	213.9
Polk State College	54	34	63.0%	207.1	62	47	75.8%	209.3
Santa Fe College	14	13	92.9%	215.7	14	14	100.0%	217.9
Seminole State College	46	33	71.7%	209.4	48	39	81.3%	212.2
St. Johns River State College	30	27	90.0%	222.6	32	30	93.8%	222.2
St. Petersburg College	15	15	100.0%	222.1	17	17	100.0%	220.6
State College of Florida, Manatee-Sarasota	26	22	84.6%	225.8	27	24	88.9%	225.7
University of Florida	47	42	89.4%	224.6	49	47	95.9%	225.7
University of North Florida	15	15	100.0%	226.5	17	16	94.1%	222.9
University of West Florida	356	314	88.2%	221.5	369	356	96.5%	223
Valencia College	34	31	91.2%	218.9	36	32	88.9%	218.5
EPI TOTAL	**995**	**814**	**81.8%**	**217.4**	**1062**	**945**	**89.0%**	**218.7**
Professional Development Certification Programs (PDCP)								
Alachua	2	2	100.0%	229	2	2	100.0%	229
Baker	3	3	100.0%	226	5	5	100.0%	217
Bay	11	11	100.0%	220.5	11	11	100.0%	220.5
Bradford					1	1	100.0%	200
Brevard	10	10	100.0%	228.7	11	11	100.0%	226.7
Broward	13	11	84.6%	211.2	16	15	93.8%	213.6
Duval	27	18	66.7%	212.6	27	22	81.5%	215.6

Elementary Education K-6 Subtest 2: Social Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Escambia	8	6	75.0%	214.4	9	7	77.8%	213.6
Gadsden	7	2	28.6%	191.9	7	5	71.4%	203.4
Hillsborough	50	37	74.0%	213.5	55	50	90.9%	216.6
Indian River	4	3	75.0%	207.5	4	4	100.0%	211.8
Lake	3	2	66.7%	213.3	3	2	66.7%	213.3
Lee	2	2	100.0%	230.5	2	2	100.0%	230.5
Levy	2	2	100.0%	222	2	2	100.0%	222
Manatee	9	9	100.0%	219.9	10	9	90.0%	217.2
Miami-Dade	18	12	66.7%	206.8	19	14	73.7%	208.1
Okaloosa	1	1	100.0%	230	1	1	100.0%	230
Orange	39	25	64.1%	210.6	42	33	78.6%	212.6
Palm Beach	9	6	66.7%	204.1	9	6	66.7%	204.1
Pasco	17	14	82.4%	218.1	18	16	88.9%	217.8
Pinellas	7	6	85.7%	223.3	7	6	85.7%	223.3
Polk	11	9	81.8%	214.8	13	12	92.3%	216.5
Santa Rosa	4	4	100.0%	224.5	4	4	100.0%	224.5
Sumter					1	0	0.0%	193
PDCP TOTAL	257	195	75.9%	213.8	279	240	86.0%	215.3
Private College/University								
Ave Maria University	15	13	86.7%	210.1	15	14	93.3%	213
Baptist College of Florida	9	7	77.8%	208.9	10	8	80.0%	208.7
Barry University	13	5	38.5%	189.6	15	12	80.0%	207.1

Elementary Education K-6 Subtest 2: Social Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Bethune-Cookman University	11	9	81.8%	206.1	16	14	87.5%	205.6
Edward Waters College	4	1	25.0%	192.3	9	6	66.7%	203
Flagler College	190	128	67.4%	206.9	205	197	96.1%	213.8
Florida College	10	7	70.0%	212.1	11	10	90.9%	216.5
Florida Memorial University	4	2	50.0%	182.8	4	3	75.0%	204
Florida Southern College	86	57	66.3%	208	88	86	97.7%	216.9
Jacksonville University	7	5	71.4%	202.3	7	7	100.0%	210.6
Johnson University - Florida	1	0	0.0%	197	1	0	0.0%	197
Lynn University	5	1	20.0%	183.8	6	5	83.3%	204
Nova Southeastern University	43	23	53.5%	197.1	48	35	72.9%	203.1
Palm Beach Atlantic University	49	39	79.6%	208	51	48	94.1%	211.9
Rollins College	35	25	71.4%	210.8	37	33	89.2%	215
Saint Leo University	152	83	54.6%	199.3	183	163	89.1%	209
Southeastern University	79	48	60.8%	203.2	85	81	95.3%	211.4
Southern Technical College	6	1	16.7%	180.8	6	4	66.7%	199.5
Stetson University	40	33	82.5%	216.6	42	41	97.6%	220.2
Trinity International University	5	4	80.0%	215.6	5	5	100.0%	219.6
University of Miami	30	21	70.0%	210.4	31	30	96.8%	219.9
University of Tampa	89	56	62.9%	201.6	100	93	93.0%	211.5
Warner University	7	6	85.7%	207.7	9	9	100.0%	209
PRIVATE COLLEGE/UNIVERSITY TOTAL	**890**	**574**	**64.5%**	**204.5**	**984**	**904**	**91.9%**	**212**
State College								

Elementary Education K-6 Subtest 2: Social Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Daytona State College	128	96	75.0%	212.8	142	132	93.0%	215.8
Indian River State College	84	55	65.5%	204.3	91	83	91.2%	210.5
St. Petersburg College	167	125	74.9%	212	181	174	96.1%	216.6
Chipola College	28	20	71.4%	207.2	33	29	87.9%	212.3
Florida Southwestern State College	198	138	69.7%	209.4	213	201	94.4%	215.7
Northwest Florida State College	59	48	81.4%	213.8	63	61	96.8%	216.9
South Florida State College	34	28	82.4%	212.3	35	33	94.3%	215.6
STATE COLLEGE TOTAL	**698**	**510**	**73.1%**	**210.4**	**758**	**713**	**94.1%**	**215.3**
State University								
Florida Gulf Coast University	219	146	66.7%	205.7	236	225	95.3%	213.9
University of Florida	222	183	82.4%	214.5	230	228	99.1%	218.8
University of North Florida	185	122	65.9%	204.4	209	191	91.4%	211.6
University of West Florida	151	90	59.6%	202	176	150	85.2%	208.9
Florida A&M University	38	17	44.7%	194.4	45	31	68.9%	198.9
Florida Atlantic University	251	149	59.4%	201.1	298	252	84.6%	207.1
Florida International University	183	109	59.6%	200.5	221	203	91.9%	210.7
Florida State University	107	86	80.4%	215.3	118	117	99.2%	219.3
University of Central Florida	914	577	63.1%	205.3	994	939	94.5%	213.3
University of South Florida, Sarasota Manatee	125	88	70.4%	207.2	137	127	92.7%	213.4
University of South Florida, Tampa	455	284	62.4%	205	476	439	92.2%	213.6
University of South Florida, St. Petersburg	143	95	66.4%	206	158	144	91.1%	211.7
STATE UNIVERSITY TOTAL	**2993**	**1946**	**65.0%**	**205.4**	**3298**	**3046**	**92.4%**	**212.6**

Elementary Education K-6 Subtest 2: Social Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
PROGRAM TOTAL	5833	4039	69.2%	208.3	6381	5848	91.6%	214
NON-PROGRAM TOTAL	11161	7075	63.4%	205.1	11750	8846	75.3%	208.6
GRAND TOTAL	16994	11114	65.4%	206.2	18131	14694	81.0%	210.5

Pass Rates for Elementary Education K-6 Subtest 3: Science

Elementary Education K-6 Subtest 3: Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Ashford University	3	3	100.0%	223.3	3	3	100.0%	223.3
Broward College	62	39	62.9%	203.9	68	53	77.9%	207.2
Daytona State College	16	14	87.5%	222.1	17	15	88.2%	223
Eastern Florida State College	2	2	100.0%	237	2	2	100.0%	237
Florida Gateway College	2	2	100.0%	213.5	3	3	100.0%	212.3
Florida Gulf Coast University	11	9	81.8%	212.8	12	11	91.7%	215.2
Florida State College at Jacksonville	10	7	70.0%	207.9	10	7	70.0%	207.9
Florida Teachers of Tomorrow	17	13	76.5%	214.2	18	16	88.9%	216.1
Gulf Coast State College	13	12	92.3%	219.5	16	13	81.3%	214.3
Hillsborough Community College	144	100	69.4%	206.7	151	125	82.8%	210.2
Indian River State College	22	18	81.8%	221.2	22	20	90.9%	222.7

Elementary Education K-6 Subtest 3: Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Miami Dade College	8	5	62.5%	207.4	10	6	60.0%	207
Palm Beach State College	33	21	63.6%	204.1	37	28	75.7%	206.2
Pasco Hernando State College	15	11	73.3%	209	17	13	76.5%	208.8
Polk State College	54	33	61.1%	202	63	45	71.4%	204
Santa Fe College	14	12	85.7%	215.9	15	14	93.3%	217.6
Seminole State College	46	31	67.4%	207.4	46	35	76.1%	210.2
St. Johns River State College	30	28	93.3%	217.3	32	30	93.8%	216.5
St. Petersburg College	15	12	80.0%	211.9	17	17	100.0%	218.6
State College of Florida, Manatee-Sarasota	26	24	92.3%	222.1	26	26	100.0%	223.7
University of Florida	47	44	93.6%	224.9	47	46	97.9%	226.3
University of North Florida	15	15	100.0%	218.8	18	16	88.9%	211.8
University of West Florida	356	305	85.7%	218.1	371	358	96.5%	220.6
Valencia College	34	27	79.4%	216.1	35	31	88.6%	217.7
EPI TOTAL	995	787	79.1%	213.7	1056	933	88.4%	215.6
Professional Development Certification Programs (PDCP)								
Alachua	2	2	100.0%	233.5	2	2	100.0%	233.5
Baker	3	2	66.7%	220	4	4	100.0%	219.3
Bay	11	10	90.9%	219.8	11	11	100.0%	221.7
Bradford					1	1	100.0%	203
Brevard	10	9	90.0%	221	11	11	100.0%	223.5
Broward	13	9	69.2%	210.6	14	12	85.7%	213.8
Collier	27	20	74.1%	209.4	30	24	80.0%	210.8

Elementary Education K-6 Subtest 3: Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Duval	8	6	75.0%	217	9	6	66.7%	214.3
Escambia	7	3	42.9%	197.4	8	5	62.5%	201.3
Gadsden	50	43	86.0%	212.6	57	51	89.5%	212.6
Hillsborough	4	3	75.0%	203.8	4	4	100.0%	215
Indian River	3	2	66.7%	210.3	3	2	66.7%	210.3
Lake	2	2	100.0%	236.5	2	2	100.0%	236.5
Lee	2	2	100.0%	210.5	2	2	100.0%	210.5
Levy	9	9	100.0%	220.7	9	9	100.0%	220.7
Manatee	18	10	55.6%	195.5	20	12	60.0%	198.2
Miami-Dade	1	1	100.0%	249	1	1	100.0%	249
Orange	39	25	64.1%	208.6	43	34	79.1%	214.4
Palm Beach	9	5	55.6%	200.3	9	6	66.7%	203.6
Pasco	17	15	88.2%	217.5	18	17	94.4%	217.9
Pinellas	7	5	71.4%	211	7	6	85.7%	214.9
Polk	11	10	90.9%	216	12	12	100.0%	218.2
Santa Rosa	4	4	100.0%	220	5	5	100.0%	216.6
Sumter					1	0	0.0%	171
PDCP TOTAL	**257**	**197**	**76.7%**	**211.5**	**283**	**239**	**84.5%**	**213.3**
Private College/University								
Ave Maria University	15	12	80.0%	214.4	15	14	93.3%	217.9
Baptist College of Florida	9	7	77.8%	208.1	9	7	77.8%	208.1
Barry University	13	4	30.8%	184.6	15	11	73.3%	200.4

Elementary Education K-6 Subtest 3: Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Bethune-Cookman University	11	5	45.5%	197.2	15	13	86.7%	206.8
Edward Waters College	4	1	25.0%	176.3	8	5	62.5%	197.9
Flagler College	190	141	74.2%	209.9	207	197	95.2%	214.2
Florida College	10	9	90.0%	221.5	10	9	90.0%	221.5
Florida Memorial University	4	1	25.0%	188	4	2	50.0%	205.3
Florida Southern College	86	67	77.9%	213.2	88	87	98.9%	218.1
Jacksonville University	7	7	100.0%	215.3	7	7	100.0%	215.3
Johnson University - Florida	1	1	100.0%	224	1	1	100.0%	224
Lynn University	5	2	40.0%	195.6	5	4	80.0%	208.2
Nova Southeastern University	43	22	51.2%	195.3	46	35	76.1%	202.9
Palm Beach Atlantic University	49	38	77.6%	211.1	51	49	96.1%	215.7
Rollins College	35	22	62.9%	207.8	35	32	91.4%	214.1
Saint Leo University	152	92	60.5%	201.7	174	155	89.1%	209.3
Southeastern University	79	59	74.7%	208.9	83	81	97.6%	213.3
Southern Technical College	6	2	33.3%	195.2	6	3	50.0%	199.2
Stetson University	40	32	80.0%	213	42	42	100.0%	218.8
Trinity International University	5	5	100.0%	224.2	5	5	100.0%	224.2
University of Miami	30	22	73.3%	208.2	30	29	96.7%	214.7
University of Tampa	89	58	65.2%	206.5	101	96	95.0%	212.7
Warner University	7	6	85.7%	212.3	8	8	100.0%	214.6
PRIVATE COLLEGE/UNIVERSITY TOTAL	**890**	**615**	**69.1%**	**207.1**	**965**	**892**	**92.4%**	**212.7**
State College								

Elementary Education K-6 Subtest 3: Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Daytona State College	128	106	82.8%	216.6	136	129	94.9%	219.4
Indian River State College	84	61	72.6%	207.1	89	82	92.1%	212.4
St. Petersburg College	167	137	82.0%	214.4	179	173	96.6%	217.1
Chipola College	28	22	78.6%	208.6	31	30	96.8%	211.6
Florida Southwestern State College	198	158	79.8%	212.1	216	207	95.8%	215.9
Northwest Florida State College	59	52	88.1%	215.7	64	63	98.4%	217.4
South Florida State College	34	25	73.5%	209.2	36	34	94.4%	214.8
STATE COLLEGE TOTAL	**698**	**561**	**80.4%**	**212.9**	**751**	**718**	**95.6%**	**216.3**
State University								
Florida Gulf Coast University	219	160	73.1%	209.9	230	221	96.1%	215.4
University of Florida	222	197	88.7%	218.8	227	226	99.6%	220.7
University of North Florida	185	133	71.9%	208.5	203	190	93.6%	213.1
University of West Florida	151	95	62.9%	206.1	177	156	88.1%	211.7
Florida A&M University	38	16	42.1%	197.6	48	32	66.7%	202
Florida Atlantic University	251	164	65.3%	204.1	295	255	86.4%	208.5
Florida International University	183	121	66.1%	205.7	220	198	90.0%	212.2
Florida State University	107	89	83.2%	217.7	113	111	98.2%	220.9
University of Central Florida	914	641	70.1%	207.8	985	936	95.0%	213.9
University of South Florida, Sarasota Manatee	125	100	80.0%	213.8	139	133	95.7%	217
University of South Florida, Tampa	455	332	73.0%	208.7	478	451	94.4%	214.7
University of South Florida, St. Petersburg	143	97	67.8%	208	155	144	92.9%	214
STATE UNIVERSITY TOTAL	**2993**	**2145**	**71.7%**	**208.9**	**3270**	**3053**	**93.4%**	**214**

Elementary Education K-6 Subtest 3: Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
PROGRAM TOTAL	5833	4305	73.8%	210	6325	5835	92.3%	214.3
NON-PROGRAM TOTAL	11161	6911	61.9%	203	11756	8729	74.3%	206.5
GRAND TOTAL	16994	11216	66.0%	205.4	18081	14564	80.5%	209.2

Pass Rates for Elementary Education K-6 Subtest 4: Mathematics

Elementary Education K-6 Subtest 4: Mathematics	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Ashford University	3	2	66.7%	196.3	3	2	66.7%	196.3
Broward College	62	34	54.8%	200.6	69	45	65.2%	203.9
Daytona State College	16	12	75.0%	213.2	18	15	83.3%	212.7
Eastern Florida State College	2	2	100.0%	221.5	2	2	100.0%	221.5
Florida Gateway College	2	1	50.0%	214	2	1	50.0%	214
Florida Gulf Coast University	11	9	81.8%	211.7	11	10	90.9%	213.1
Florida State College at Jacksonville	10	7	70.0%	203.7	10	7	70.0%	204.1
Florida Teachers of Tomorrow	17	13	76.5%	217.3	18	15	83.3%	218.7
Gulf Coast State College	13	10	76.9%	210.5	19	14	73.7%	205.7
Hillsborough Community College	144	86	59.7%	199.6	159	112	70.4%	203.6
Indian River State College	22	17	77.3%	216.5	23	21	91.3%	220.4

Elementary Education K-6 Subtest 4: Mathematics	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Miami Dade College	8	5	62.5%	198	10	5	50.0%	195.2
Palm Beach State College	33	18	54.5%	197.5	37	26	70.3%	201.2
Pasco Hernando State College	15	9	60.0%	200.6	16	11	68.8%	202.6
Polk State College	54	28	51.9%	196.9	63	44	69.8%	200.6
Santa Fe College	14	8	57.1%	205.7	14	11	78.6%	213.6
Seminole State College	46	30	65.2%	203.2	47	37	78.7%	207.1
St. Johns River State College	30	21	70.0%	210.8	34	30	88.2%	213.6
St. Petersburg College	15	10	66.7%	211.8	16	14	87.5%	216.7
State College of Florida, Manatee-Sarasota	26	17	65.4%	206	27	23	85.2%	214.1
University of Florida	47	44	93.6%	228.1	47	46	97.9%	229.2
University of North Florida	15	10	66.7%	212.5	19	13	68.4%	209.5
University of West Florida	356	290	81.5%	216.4	379	360	95.0%	218.7
Valencia College	34	24	70.6%	209.5	38	30	78.9%	209.8
EPI TOTAL	**995**	**707**	**71.1%**	**209.6**	**1081**	**894**	**82.7%**	**212**
Professional Development Certification Programs (PDCP)								
Alachua	2	2	100.0%	215	2	2	100.0%	215
Baker	3	1	33.3%	206	3	2	66.7%	210.7
Bay	11	9	81.8%	212	11	11	100.0%	217.3
Bradford					1	1	100.0%	225
Brevard	10	8	80.0%	215.1	11	11	100.0%	220.3
Broward	13	8	61.5%	207.5	14	13	92.9%	213.6
Duval	27	17	63.0%	205.3	30	23	76.7%	205.8

Elementary Education K-6 Subtest 4: Mathematics	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Escambia	8	6	75.0%	211.8	9	6	66.7%	209.7
Gadsden	7	5	71.4%	202.1	8	6	75.0%	201.9
Hillsborough	50	38	76.0%	209.8	59	53	89.8%	212.5
Indian River	4	2	50.0%	195.8	4	3	75.0%	203
Lake	3	2	66.7%	210.7	3	2	66.7%	210.7
Lee	2	2	100.0%	223	2	2	100.0%	223
Levy	2	2	100.0%	223	2	2	100.0%	223
Manatee	9	5	55.6%	197.7	10	10	100.0%	217.5
Miami-Dade	18	12	66.7%	203.1	19	14	73.7%	203.4
Okaloosa	1	1	100.0%	218	1	1	100.0%	218
Orange	39	28	71.8%	205.4	44	34	77.3%	207.8
Palm Beach	9	6	66.7%	196.2	11	7	63.6%	197.9
Pasco	17	12	70.6%	212.3	19	17	89.5%	215.8
Pinellas	7	4	57.1%	209.7	7	6	85.7%	214.3
Polk	11	10	90.9%	210.2	11	10	90.9%	213.1
Santa Rosa	4	4	100.0%	216	5	5	100.0%	215
PDCP TOTAL	257	184	71.6%	207.6	286	241	84.3%	210.6
Private College/University								
Ave Maria University	15	14	93.3%	216.7	15	15	100.0%	218.9
Baptist College of Florida	9	7	77.8%	213.4	9	7	77.8%	213.4
Barry University	13	5	38.5%	190.8	13	9	69.2%	200
Bethune-Cookman University	11	6	54.5%	200.7	15	11	73.3%	205.1

Elementary Education K-6 Subtest 4: Mathematics	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Edward Waters College	4	2	50.0%	182.3	7	5	71.4%	195.6
Flagler College	190	144	75.8%	209.6	208	196	94.2%	213.9
Florida College	10	9	90.0%	220.4	13	13	100.0%	221
Florida Memorial University	4	1	25.0%	179.5	4	1	25.0%	183
Florida Southern College	86	61	70.9%	210.9	91	89	97.8%	216.5
Jacksonville University	7	6	85.7%	218.9	7	7	100.0%	224
Johnson University - Florida	1	1	100.0%	211	1	1	100.0%	211
Lynn University	5	3	60.0%	193.8	7	5	71.4%	199.6
Nova Southeastern University	43	19	44.2%	194	53	33	62.3%	200.5
Palm Beach Atlantic University	49	34	69.4%	207.5	52	50	96.2%	214.9
Rollins College	35	23	65.7%	208.1	37	31	83.8%	214.4
Saint Leo University	152	84	55.3%	199.3	173	146	84.4%	207.3
Southeastern University	79	52	65.8%	206.7	82	78	95.1%	214.4
Southern Technical College	6	3	50.0%	193.5	7	3	42.9%	191.4
Stetson University	40	34	85.0%	215.7	40	39	97.5%	219.3
Trinity International University	5	3	60.0%	195	5	4	80.0%	206.6
University of Miami	30	26	86.7%	217.3	31	30	96.8%	220
University of Tampa	89	66	74.2%	209.9	99	93	93.9%	213.4
Warner University	7	7	100.0%	209.3	7	7	100.0%	209.3
PRIVATE COLLEGE/UNIVERSITY TOTAL	**890**	**610**	**68.5%**	**206.8**	**976**	**873**	**89.4%**	**212**
State College								
Daytona State College	128	99	77.3%	210.8	141	131	92.9%	213.7

Elementary Education K-6 Subtest 4: Mathematics	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Indian River State College	84	52	61.9%	202.8	91	80	87.9%	209.8
St. Petersburg College	167	124	74.3%	210.8	181	171	94.5%	215.3
Chipola College	28	16	57.1%	202.4	32	31	96.9%	211.9
Florida Southwestern State College	198	128	64.6%	205.9	216	201	93.1%	212
Northwest Florida State College	59	42	71.2%	212.8	63	62	98.4%	219.6
South Florida State College	34	23	67.6%	206.9	35	33	94.3%	215.3
STATE COLLEGE TOTAL	**698**	**484**	**69.3%**	**208.1**	**759**	**709**	**93.4%**	**213.6**
State University								
Florida Gulf Coast University	219	150	68.5%	206.1	239	227	95.0%	212.9
University of Florida	222	200	90.1%	222.1	222	221	99.5%	224.6
University of North Florida	185	139	75.1%	210.5	197	188	95.4%	215.3
University of West Florida	151	96	63.6%	204	182	157	86.3%	209.6
Florida A&M University	38	19	50.0%	198.2	46	33	71.7%	203
Florida Atlantic University	251	146	58.2%	200.7	297	257	86.5%	208
Florida International University	183	129	70.5%	206.4	216	198	91.7%	212.4
Florida State University	107	87	81.3%	218.6	111	109	98.2%	222.4
University of Central Florida	914	669	73.2%	210.1	973	929	95.5%	215.4
University of South Florida, Sarasota Manatee	125	89	71.2%	208.8	132	126	95.5%	215.8
University of South Florida, Tampa	455	331	72.7%	210.9	484	448	92.6%	215.4
University of South Florida, St. Petersburg	143	96	67.1%	205.2	159	146	91.8%	212.7
STATE UNIVERSITY TOTAL	**2993**	**2151**	**71.9%**	**209.4**	**3258**	**3039**	**93.3%**	**214.6**

PROGRAM TOTAL	5833	4136	70.9%	208.8	6360	5756	90.5%	213.5
NON-PROGRAM TOTAL	11159	6064	54.3%	198.1	11920	8076	67.8%	202.5
GRAND TOTAL	16992	10200	60.0%	201.8	18280	13832	75.7%	206.3

Pass Rates for English 6-12 Multiple-Choice Section

English 6-12 Multiple-Choice Section	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Broward College	20	11	55.0%	202.3	22	15	68.2%	205.1
Daytona State College	5	3	60.0%	198.8	6	4	66.7%	200.2
Eastern Florida State College	2	1	50.0%	205.5	2	1	50.0%	205.5
Florida Gateway College	11	7	63.6%	202.6	11	9	81.8%	207.1
Florida Gulf Coast University	11	9	81.8%	212.2	13	11	84.6%	212.2
Florida State College at Jacksonville	4	1	25.0%	203.3	4	2	50.0%	207.3
Florida Teachers of Tomorrow	4	2	50.0%	199	4	2	50.0%	199
Gulf Coast State College	8	5	62.5%	204.3	8	6	75.0%	206.8
Hillsborough Community College	42	26	61.9%	204.5	47	39	83.0%	207.4
Indian River State College	7	4	57.1%	207.4	8	5	62.5%	206.1
Miami Dade College	6	3	50.0%	196.8	6	3	50.0%	196.8

English 6-12 Multiple-Choice Section	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Palm Beach State College	14	12	85.7%	210.4	16	14	87.5%	209.7
Pasco Hernando State College	8	6	75.0%	205.6	10	8	80.0%	206
Polk State College	28	19	67.9%	205.7	30	25	83.3%	207.7
Santa Fe College	7	5	71.4%	214.9	7	6	85.7%	217
Seminole State College	19	15	78.9%	209.8	23	20	87.0%	208.7
St. Johns River State College	19	15	78.9%	207.5	21	19	90.5%	208.3
St. Petersburg College	2	2	100.0%	211	2	2	100.0%	211
State College of Florida, Manatee-Sarasota	15	11	73.3%	203.6	15	13	86.7%	205.8
University of Florida	5	4	80.0%	206.8	5	5	100.0%	212.6
University of North Florida	18	16	88.9%	208.5	18	17	94.4%	210
University of West Florida	118	101	85.6%	212.7	127	118	92.9%	213.7
Valencia College	43	33	76.7%	207.9	47	44	93.6%	210.7
EPI TOTAL	**416**	**311**	**74.8%**	**208.1**	**452**	**388**	**85.8%**	**209.6**
Professional Development Certification Programs (PDCP)								
Alachua	3	2	66.7%	202.3	3	2	66.7%	202.3
Bay	6	3	50.0%	196.3	7	5	71.4%	198.1
Bradford	1	1	100.0%	216	1	1	100.0%	216
Brevard	6	5	83.3%	212.2	8	7	87.5%	212.9
Broward	32	20	62.5%	202.4	36	31	86.1%	206.9
DeSoto	2	1	50.0%	202	2	2	100.0%	207.5
Duval	25	16	64.0%	201.4	27	22	81.5%	207.4
Escambia	11	8	72.7%	206.5	11	11	100.0%	211

English 6-12 Multiple-Choice Section	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Gadsden					1	1	100.0%	202
Hillsborough	61	40	65.6%	204.4	68	56	82.4%	208.7
Indian River	3	2	66.7%	199	3	3	100.0%	205.7
Lake	2	1	50.0%	208	2	1	50.0%	208
Lee	1	1	100.0%	225	1	1	100.0%	225
Manatee	4	3	75.0%	209.5	4	3	75.0%	209.5
Miami-Dade	9	7	77.8%	207.6	10	10	100.0%	212.7
Okaloosa	2	2	100.0%	209	2	2	100.0%	209
Orange	46	28	60.9%	202.5	48	41	85.4%	207.7
Palm Beach	14	12	85.7%	207.6	17	16	94.1%	209.6
Pasco	10	6	60.0%	200.9	10	8	80.0%	206.2
Pinellas	20	11	55.0%	200.7	23	19	82.6%	206.6
Polk	12	7	58.3%	207.3	13	13	100.0%	214.1
Putnam	1	1	100.0%	211	1	1	100.0%	211
Santa Rosa	1	1	100.0%	209	1	1	100.0%	209
PDCP TOTAL	**272**	**178**	**65.4%**	**203.8**	**299**	**257**	**86.0%**	**208.3**
Private College/University								
Bethune-Cookman University	3	0	0.0%	186.3	4	3	75.0%	205
Flagler College	6	5	83.3%	208.3	6	5	83.3%	208.3
Florida Memorial University	1	0	0.0%	193	1	0	0.0%	193
Florida Southern College	1	1	100.0%	207	1	1	100.0%	207
Nova Southeastern University					1	0	0.0%	189

English 6-12 Multiple-Choice Section	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Palm Beach Atlantic University	8	7	87.5%	211.8	8	8	100.0%	213.8
Rollins College	1	0	0.0%	182	1	0	0.0%	196
Southeastern University	14	9	64.3%	204.3	14	13	92.9%	208.8
University of Miami	2	2	100.0%	214.5	2	2	100.0%	214.5
University of Tampa	7	6	85.7%	212.3	9	9	100.0%	214.7
PRIVATE COLLEGE/UNIVERSITY TOTAL	**43**	**30**	**69.8%**	**206**	**47**	**41**	**87.2%**	**209.6**
State College								
Chipola College	5	5	100.0%	210.8	5	5	100.0%	210.8
STATE COLLEGE TOTAL	**5**	**5**	**100.0%**	**210.8**	**5**	**5**	**100.0%**	**210.8**
State University								
University of Florida	10	8	80.0%	211.5	10	10	100.0%	213.9
University of North Florida	32	22	68.8%	203.7	38	32	84.2%	205.3
Florida A&M University	9	6	66.7%	200.4	10	9	90.0%	208.7
Florida Atlantic University	29	16	55.2%	201	39	35	89.7%	206.8
Florida International University	14	8	57.1%	202.2	18	16	88.9%	208.6
Florida State University	19	15	78.9%	207.5	28	26	92.9%	209.6
University of Central Florida	106	73	68.9%	203.7	119	113	95.0%	209
University of South Florida, Tampa	137	108	78.8%	208.7	141	133	94.3%	212
STATE UNIVERSITY TOTAL	**356**	**256**	**71.9%**	**205.7**	**403**	**374**	**92.8%**	**209.6**
PROGRAM TOTAL	**1092**	**780**	**71.4%**	**206.2**	**1206**	**1065**	**88.3%**	**209.3**
NON-PROGRAM TOTAL	**3286**	**1931**	**58.8%**	**200.9**	**3470**	**2464**	**71.0%**	**203.8**
GRAND TOTAL	**4378**	**2711**	**61.9%**	**202.2**	**4676**	**3529**	**75.5%**	**205.3**

Pass Rates for English 6-12 Written Performance Section

English 6-12 Written Performance Section	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Broward College	20	13	65.0%	8.1	22	17	77.3%	8.3
Daytona State College	5	4	80.0%	7.6	6	5	83.3%	7.8
Eastern Florida State College	2	0	0.0%	6	3	2	66.7%	7.3
Florida Gateway College	11	6	54.5%	7.6	11	10	90.9%	8.3
Florida Gulf Coast University	11	10	90.9%	8.9	12	10	83.3%	8.8
Florida State College at Jacksonville	4	3	75.0%	8	4	3	75.0%	8
Florida Teachers of Tomorrow	4	3	75.0%	7.8	4	3	75.0%	7.8
Gulf Coast State College	8	5	62.5%	7.8	9	7	77.8%	8
Hillsborough Community College	42	30	71.4%	8.2	43	37	86.0%	8.6
Indian River State College	7	6	85.7%	8.1	10	8	80.0%	8
Miami Dade College	6	3	50.0%	7.2	7	4	57.1%	7.3

English 6-12 Written Performance Section	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Palm Beach State College	14	13	92.9%	8.4	14	14	100.0%	8.5
Pasco Hernando State College	8	5	62.5%	8	10	7	70.0%	8.3
Polk State College	28	16	57.1%	7.6	29	22	75.9%	7.9
Santa Fe College	7	5	71.4%	7.3	7	6	85.7%	7.6
Seminole State College	19	11	57.9%	7.5	22	19	86.4%	8.1
St. Johns River State College	19	14	73.7%	8.8	20	16	80.0%	9
St. Petersburg College	2	2	100.0%	8.5	2	2	100.0%	8.5
State College of Florida, Manatee-Sarasota	15	13	86.7%	8.5	16	15	93.8%	8.7
University of Florida	5	4	80.0%	9	5	4	80.0%	9.2
University of North Florida	18	14	77.8%	8.2	18	17	94.4%	8.8
University of West Florida	118	101	85.6%	9	126	119	94.4%	9.2
Valencia College	43	35	81.4%	8.5	46	44	95.7%	8.8
EPI TOTAL	**416**	**316**	**76.0%**	**8.4**	**446**	**391**	**87.7%**	**8.6**
Professional Development Certification Programs (PDCP)								
Alachua	3	3	100.0%	8.7	3	3	100.0%	8.7
Bay	6	3	50.0%	7	7	5	71.4%	7.4
Bradford	1	1	100.0%	10	1	1	100.0%	10
Brevard	6	6	100.0%	9.5	6	6	100.0%	9.5
Broward	32	23	71.9%	8.3	33	29	87.9%	8.7
DeSoto	2	1	50.0%	7	2	1	50.0%	7
Duval	25	17	68.0%	7.8	27	23	85.2%	8.1
Escambia	11	9	81.8%	8.3	11	11	100.0%	8.6

English 6-12 Written Performance Section	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Gadsden					1	1	100.0%	8
Hillsborough	61	43	70.5%	8	67	58	86.6%	8.7
Indian River	3	3	100.0%	8.3	3	3	100.0%	8.3
Lake	2	2	100.0%	9	2	2	100.0%	9
Lee	1	1	100.0%	10	1	1	100.0%	10
Manatee	4	3	75.0%	9	4	3	75.0%	9
Miami-Dade	9	5	55.6%	7.2	11	11	100.0%	8.6
Okaloosa	2	2	100.0%	9.5	2	2	100.0%	9.5
Orange	46	35	76.1%	8.4	47	39	83.0%	8.5
Palm Beach	14	12	85.7%	8.5	16	15	93.8%	8.4
Pasco	10	8	80.0%	8.6	10	9	90.0%	8.8
Pinellas	20	15	75.0%	8.3	22	21	95.5%	8.7
Polk	12	12	100.0%	9	12	12	100.0%	9
Putnam	1	1	100.0%	11	1	1	100.0%	11
Santa Rosa	1	1	100.0%	9	1	1	100.0%	9
PDCP TOTAL	**272**	**206**	**75.7%**	**8.3**	**290**	**258**	**89.0%**	**8.6**
Private College/University								
Bethune-Cookman University	3	2	66.7%	7.3	4	3	75.0%	7.5
Flagler College	6	5	83.3%	9.5	6	6	100.0%	10.2
Florida Memorial University	1	0	0.0%	7	1	0	0.0%	7
Florida Southern College	1	1	100.0%	9	1	1	100.0%	9
Palm Beach Atlantic University	8	6	75.0%	9	8	8	100.0%	9.5

English 6-12 Written Performance Section	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Rollins College	1	1	100.0%	8	1	1	100.0%	8
Southeastern University	14	9	64.3%	8	16	16	100.0%	9.1
University of Miami	2	2	100.0%	11.5	2	2	100.0%	11.5
University of Tampa	7	6	85.7%	8.3	7	7	100.0%	9
PRIVATE COLLEGE/UNIVERSITY TOTAL	**43**	**32**	**74.4%**	**8.6**	**46**	**44**	**95.7%**	**9.2**
State College								
Chipola College	5	4	80.0%	7.8	5	5	100.0%	8.2
STATE COLLEGE TOTAL	**5**	**4**	**80.0%**	**7.8**	**5**	**5**	**100.0%**	**8.2**
State University								
University of Florida	10	9	90.0%	9	10	10	100.0%	9.4
University of North Florida	32	25	78.1%	8.6	34	29	85.3%	8.9
Florida A&M University	9	9	100.0%	9	9	9	100.0%	9
Florida Atlantic University	29	23	79.3%	8	35	31	88.6%	8.2
Florida International University	14	12	85.7%	8.4	15	15	100.0%	8.7
Florida State University	19	16	84.2%	8.7	26	25	96.2%	8.9
University of Central Florida	106	82	77.4%	8.2	120	117	97.5%	8.6
University of South Florida, Tampa	137	111	81.0%	8.4	147	137	93.2%	8.7
STATE UNIVERSITY TOTAL	**356**	**287**	**80.6%**	**8.4**	**396**	**373**	**94.2%**	**8.7**
PROGRAM TOTAL	**1092**	**845**	**77.4%**	**8.4**	**1183**	**1071**	**90.5%**	**8.7**
NON-PROGRAM TOTAL	**3283**	**2161**	**65.8%**	**7.8**	**3436**	**2602**	**75.7%**	**8**
GRAND TOTAL	**4375**	**3006**	**68.7%**	**7.9**	**4619**	**3673**	**79.5%**	**8.2**

Pass Rates for English to Speakers of Other Languages (ESOL) K-12

English to Speakers of Other Languages (ESOL) K-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Broward College	10	8	80.0%	205.7	10	8	80.0%	205.7
Daytona State College	2	1	50.0%	199.5	2	1	50.0%	199.5
Florida Gateway College	3	2	66.7%	204	3	2	66.7%	204
Florida Gulf Coast University	3	2	66.7%	197.3	3	2	66.7%	197.3
Florida State College at Jacksonville	4	1	25.0%	199	5	1	20.0%	198
Florida Teachers of Tomorrow	2	1	50.0%	210	2	2	100.0%	213
Gulf Coast State College	1	1	100.0%	200	1	1	100.0%	200
Hillsborough Community College	48	33	68.8%	204.3	48	35	72.9%	205.6
Indian River State College	5	5	100.0%	210.6	6	6	100.0%	209.7
Miami Dade College	16	9	56.3%	204.4	16	13	81.3%	208.9
Palm Beach State College	9	4	44.4%	199.3	9	5	55.6%	201.8

English to Speakers of Other Languages (ESOL) K-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Pasco Hernando State College	11	9	81.8%	205.9	11	10	90.9%	207.8
Polk State College	10	8	80.0%	203.3	11	8	72.7%	201.3
Santa Fe College	2	1	50.0%	203	2	1	50.0%	203
Seminole State College	11	9	81.8%	208.6	11	9	81.8%	208.6
St. Johns River State College	2	2	100.0%	228.5	4	3	75.0%	219.3
St. Petersburg College	8	7	87.5%	210.6	8	8	100.0%	212.5
State College of Florida, Manatee-Sarasota	22	10	45.5%	198.2	23	13	56.5%	200.2
University of Florida	3	2	66.7%	217.7	3	2	66.7%	217.7
University of North Florida	12	9	75.0%	207.7	12	10	83.3%	210.8
University of West Florida	124	110	88.7%	214.3	129	118	91.5%	213.8
Valencia College	27	20	74.1%	209.2	27	20	74.1%	209.2
EPI TOTAL	**335**	**254**	**75.8%**	**208.5**	**346**	**278**	**80.3%**	**209.1**
Professional Development Certification Programs (PDCP)								
Brevard	3	3	100.0%	221.3	3	3	100.0%	221.3
Broward	5	3	60.0%	207.8	5	3	60.0%	207.8
Duval	13	7	53.8%	199.2	13	8	61.5%	200.3
Escambia	1	1	100.0%	214	1	1	100.0%	214
Hillsborough	40	25	62.5%	204.3	40	28	70.0%	206.2
Indian River	1	1	100.0%	206	1	1	100.0%	206
Lake	2	2	100.0%	207	2	2	100.0%	207
Manatee	5	4	80.0%	208.2	5	5	100.0%	210.2
Miami-Dade	7	2	28.6%	194.9	8	4	50.0%	199.3

English to Speakers of Other Languages (ESOL) K-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Okaloosa	1	0	0.0%	197	1	0	0.0%	197
Orange	22	13	59.1%	203.7	25	14	56.0%	202.6
Palm Beach	6	4	66.7%	208.3	6	4	66.7%	208.3
Pasco	13	7	53.8%	201.2	13	7	53.8%	201.2
Pinellas	9	2	22.2%	198.1	10	3	30.0%	198
Polk	1	1	100.0%	242	1	1	100.0%	242
Putnam	1	1	100.0%	232	1	1	100.0%	232
PDCP TOTAL	**130**	**76**	**58.5%**	**203.9**	**135**	**85**	**63.0%**	**204.6**
Private College/University								
Florida Memorial University	1	1	100.0%	214	1	1	100.0%	214
Nova Southeastern University	4	1	25.0%	181.8	5	1	20.0%	184.8
Palm Beach Atlantic University	1	1	100.0%	223	1	1	100.0%	223
Saint Leo University	6	4	66.7%	203.5	6	4	66.7%	203.5
Southeastern University	1	0	0.0%	177	1	0	0.0%	177
PRIVATE COLLEGE/UNIVERSITY TOTAL	**13**	**7**	**53.8%**	**197.1**	**14**	**7**	**50.0%**	**197.1**
State College								
Broward College	1	1	100.0%	205	1	1	100.0%	205
Indian River State College	1	1	100.0%	215	1	1	100.0%	215
Miami Dade College	3	2	66.7%	199.7	3	3	100.0%	204.7
St. Johns River State College	1	0	0.0%	172	1	0	0.0%	172
Florida Southwestern State College	1	0	0.0%	183	1	0	0.0%	183
STATE COLLEGE TOTAL	**7**	**4**	**57.1%**	**196.3**	**7**	**5**	**71.4%**	**198.4**

English to Speakers of Other Languages (ESOL) K-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
State University								
Florida Gulf Coast University	1	0	0.0%	161	1	0	0.0%	161
University of Florida	6	4	66.7%	206.8	6	4	66.7%	207.8
University of North Florida	2	1	50.0%	203	2	1	50.0%	203
University of West Florida	2	1	50.0%	203	2	2	100.0%	210
Florida A&M University	1	0	0.0%	191	1	0	0.0%	191
Florida Atlantic University	7	5	71.4%	201.7	7	5	71.4%	201.7
Florida International University	6	3	50.0%	198.2	7	4	57.1%	200
Florida State University	2	1	50.0%	195	3	2	66.7%	204
University of Central Florida	16	8	50.0%	203.1	17	8	47.1%	203.4
University of South Florida, Tampa	6	4	66.7%	202.7	6	4	66.7%	202.7
University of South Florida, St. Petersburg	4	3	75.0%	212	4	3	75.0%	212
STATE UNIVERSITY TOTAL	53	30	56.6%	202.1	56	33	58.9%	203.1
PROGRAM TOTAL	538	371	69.0%	206.3	558	408	73.1%	207
NON-PROGRAM TOTAL	1913	1094	57.2%	200.5	2088	1336	64.0%	201.9
GRAND TOTAL	2451	1465	59.8%	201.8	2646	1744	65.9%	203

Pass Rates for Exceptional Student Education K-12

Exceptional Student Education K-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Broward College	33	24	72.7%	206.9	37	27	73.0%	208.2
Daytona State College	23	18	78.3%	213.5	24	23	95.8%	216.2
Florida Gateway College	9	9	100.0%	220.8	9	9	100.0%	220.8
Florida Gulf Coast University	10	10	100.0%	221.4	10	10	100.0%	221.4
Florida State College at Jacksonville	16	11	68.8%	212.3	17	14	82.4%	215.4
Florida Teachers of Tomorrow	7	7	100.0%	230.4	7	7	100.0%	230.4
Gulf Coast State College	10	10	100.0%	232.5	11	10	90.9%	226.5
Hillsborough Community College	62	53	85.5%	220.1	65	55	84.6%	219.6
Indian River State College	17	15	88.2%	217.2	20	18	90.0%	217
Miami Dade College	11	8	72.7%	209.8	11	9	81.8%	212.1
Palm Beach State College	29	24	82.8%	217.1	30	25	83.3%	217.9

Exceptional Student Education K-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Pasco Hernando State College	24	22	91.7%	225.6	27	23	85.2%	221.5
Polk State College	58	46	79.3%	213.3	61	49	80.3%	213.4
Santa Fe College	4	4	100.0%	219	5	5	100.0%	216.8
Seminole State College	32	27	84.4%	220.4	33	28	84.8%	219.9
St. Johns River State College	25	23	92.0%	223	25	23	92.0%	223.4
St. Petersburg College	9	9	100.0%	227.2	11	11	100.0%	227.6
State College of Florida, Manatee-Sarasota	16	15	93.8%	223.5	18	17	94.4%	222.3
University of Florida	4	4	100.0%	231.3	4	4	100.0%	231.3
University of North Florida	20	14	70.0%	210.3	24	18	75.0%	207.8
University of West Florida	96	88	91.7%	224.7	100	93	93.0%	224.3
Valencia College	32	30	93.8%	222.9	37	33	89.2%	220.2
EPI TOTAL	547	471	86.1%	219.3	586	511	87.2%	218.9
Professional Development Certification Programs (PDCP)								
Alachua	3	3	100.0%	238	3	3	100.0%	238
Bay	14	13	92.9%	232.8	14	14	100.0%	234
Brevard	11	10	90.9%	231.5	11	11	100.0%	232.5
Broward	11	9	81.8%	209.9	11	9	81.8%	209.9
DeSoto	2	2	100.0%	235.5	2	2	100.0%	235.5
Duval	28	23	82.1%	225.5	32	30	93.8%	226.2
Escambia	10	8	80.0%	219.3	10	9	90.0%	220.7
Gadsden	3	2	66.7%	212.7	3	2	66.7%	212.7
Hillsborough	66	62	93.9%	222.5	69	67	97.1%	222.7

Exceptional Student Education K-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Indian River	3	2	66.7%	213.7	3	3	100.0%	217.3
Lake	4	3	75.0%	218	4	3	75.0%	218
Lee	2	0	0.0%	197.5	2	2	100.0%	214
Levy	1	1	100.0%	222	1	1	100.0%	222
Manatee	8	5	62.5%	206	10	8	80.0%	206.9
Marion	2	2	100.0%	212.5	2	2	100.0%	212.5
Miami-Dade	16	10	62.5%	207.3	16	14	87.5%	211.2
Orange	33	29	87.9%	221.9	34	32	94.1%	223.2
Palm Beach	13	12	92.3%	221.4	13	12	92.3%	221.4
Pasco	22	18	81.8%	219.4	25	22	88.0%	220.8
Pinellas	3	3	100.0%	214	4	4	100.0%	212
Polk	12	9	75.0%	215	13	12	92.3%	217.8
Santa Rosa	8	8	100.0%	218.6	8	8	100.0%	218.6
PDCP TOTAL	**275**	**234**	**85.1%**	**220.5**	**290**	**270**	**93.1%**	**221.5**
Private College/University								
Bethune-Cookman University	3	2	66.7%	211	3	3	100.0%	219.3
Flagler College	74	73	98.6%	225.2	76	76	100.0%	226
Lynn University	6	4	66.7%	214.5	6	6	100.0%	219
Nova Southeastern University	9	9	100.0%	225.7	12	11	91.7%	220.8
Palm Beach Atlantic University	1	1	100.0%	241	1	1	100.0%	241
Saint Leo University	33	31	93.9%	224	36	33	91.7%	221.6
Southeastern University	17	15	88.2%	224.8	19	19	100.0%	227.4

Exceptional Student Education K-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
University of Miami	24	23	95.8%	224.3	27	27	100.0%	226.6
Warner University	1	1	100.0%	231	1	1	100.0%	231
PRIVATE COLLEGE/UNIVERSITY TOTAL	**168**	**159**	**94.6%**	**224.3**	**181**	**177**	**97.8%**	**224.8**
State College								
Broward College	160	146	91.3%	220.6	163	160	98.2%	221.5
Daytona State College	23	22	95.7%	228.6	24	23	95.8%	227.9
Indian River State College	35	32	91.4%	224.8	36	36	100.0%	225.8
Miami Dade College	169	135	79.9%	213.3	188	174	92.6%	214.2
St. Petersburg College	45	43	95.6%	230.1	48	48	100.0%	230.5
Chipola College	7	6	85.7%	212.7	7	7	100.0%	213.7
STATE COLLEGE TOTAL	**439**	**384**	**87.5%**	**219.4**	**466**	**448**	**96.1%**	**220.1**
State University								
Florida Gulf Coast University	54	46	85.2%	218.4	56	52	92.9%	219.6
University of Florida	90	90	100.0%	238.4	95	95	100.0%	238
University of North Florida	39	39	100.0%	230.6	40	39	97.5%	229.6
University of West Florida	115	103	89.6%	220.1	123	117	95.1%	221.1
Florida Atlantic University	27	27	100.0%	230.6	30	30	100.0%	230.6
Florida International University	32	31	96.9%	224.6	35	35	100.0%	225.1
Florida State University	55	55	100.0%	230.8	57	57	100.0%	231
University of Central Florida	23	21	91.3%	222.1	27	27	100.0%	226
University of South Florida, Tampa	78	74	94.9%	230.4	79	76	96.2%	230.9
University of South Florida, St. Petersburg	128	113	88.3%	220.5	132	126	95.5%	221.3

Exceptional Student Education K-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
STATE UNIVERSITY TOTAL	641	599	93.4%	226.2	674	654	97.0%	226.7
PROGRAM TOTAL	2070	1847	89.2%	222	2197	2060	93.8%	222.4
NON-PROGRAM TOTAL	7968	6118	76.8%	215	8593	6938	80.7%	215.9
GRAND TOTAL	10038	7965	79.3%	216.4	10790	8998	83.4%	217.2

Pass Rates for Mathematics 6-12

Mathematics 6-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Broward College	10	5	50.0%	204.3	13	9	69.2%	210.2
Daytona State College	7	4	57.1%	203.7	7	4	57.1%	203.7
Eastern Florida State College	1	1	100.0%	239	1	1	100.0%	239
Florida Gateway College	3	1	33.3%	178.3	3	1	33.3%	187
Florida Gulf Coast University	6	1	16.7%	195.5	8	4	50.0%	199.5
Florida State College at Jacksonville	1	1	100.0%	200	4	3	75.0%	198.5
Florida Teachers of Tomorrow	3	1	33.3%	195.3	3	2	66.7%	207.7
Gulf Coast State College	3	2	66.7%	200.7	5	4	80.0%	206.2
Hillsborough Community College	15	11	73.3%	202.8	17	12	70.6%	204.1
Indian River State College	5	2	40.0%	192.2	9	5	55.6%	191.7
Miami Dade College	4	3	75.0%	195.5	9	5	55.6%	197.7

Mathematics 6-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Palm Beach State College	15	10	66.7%	211.5	18	13	72.2%	212.7
Pasco Hernando State College	4	1	25.0%	181.5	5	1	20.0%	187.4
Polk State College	14	8	57.1%	201.7	19	10	52.6%	200.9
Santa Fe College	6	2	33.3%	192.7	6	3	50.0%	198.7
Seminole State College	7	6	85.7%	218.3	8	6	75.0%	215
St. Johns River State College	9	5	55.6%	198.4	10	7	70.0%	200.2
State College of Florida, Manatee-Sarasota	3	1	33.3%	205	8	4	50.0%	203
University of Florida	6	5	83.3%	226.5	6	5	83.3%	226.5
University of North Florida	4	3	75.0%	212.3	5	4	80.0%	217.2
University of West Florida	47	37	78.7%	222.8	56	50	89.3%	224
Valencia College	20	12	60.0%	206.5	23	15	65.2%	206.4
EPI TOTAL	**193**	**122**	**63.2%**	**208.3**	**243**	**168**	**69.1%**	**209.2**
Professional Development Certification Programs (PDCP)								
Alachua	2	1	50.0%	206.5	2	1	50.0%	206.5
Baker	1	1	100.0%	221	2	2	100.0%	217
Bay	3	2	66.7%	211.3	5	5	100.0%	225.4
Brevard	2	2	100.0%	211.5	2	2	100.0%	211.5
Broward	9	5	55.6%	196.3	10	6	60.0%	199.8
Duval	14	11	78.6%	219.7	14	11	78.6%	221.8
Escambia	5	5	100.0%	232.4	6	6	100.0%	231.3
Gadsden	2	1	50.0%	180.5	2	1	50.0%	180.5
Hillsborough	18	12	66.7%	205.6	23	20	87.0%	210.4

Mathematics 6-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Lake	1	1	100.0%	226	1	1	100.0%	226
Levy					1	0	0.0%	187
Manatee	4	3	75.0%	218	4	4	100.0%	223.3
Miami-Dade	11	5	45.5%	199.4	14	8	57.1%	198.2
Orange	21	17	81.0%	222.2	22	20	90.9%	223.9
Palm Beach	7	3	42.9%	208.4	9	5	55.6%	201.4
Pasco	9	5	55.6%	205.6	9	7	77.8%	215.7
Pinellas	10	6	60.0%	209.3	12	10	83.3%	211.4
Polk	7	5	71.4%	209	11	6	54.5%	201.7
Santa Rosa	1	1	100.0%	221	1	1	100.0%	221
PDCP TOTAL	**127**	**86**	**67.7%**	**211**	**150**	**116**	**77.3%**	**212.2**
Private College/University								
Florida Institute of Technology	5	5	100.0%	218.2	5	5	100.0%	218.2
Florida Memorial University	1	0	0.0%	184	1	0	0.0%	184
Florida Southern College	2	0	0.0%	184.5	2	1	50.0%	201
Nova Southeastern University	2	1	50.0%	180.5	3	1	33.3%	186
Palm Beach Atlantic University	1	1	100.0%	200	1	1	100.0%	200
Rollins College	1	1	100.0%	218	1	1	100.0%	218
Southeastern University	2	0	0.0%	180.5	2	2	100.0%	205.5
University Oof Tampa	6	4	66.7%	199.2	6	5	83.3%	209.5
PRIVATE COLLEGE/UNIVERSITY TOTAL	**20**	**12**	**60.0%**	**199**	**21**	**16**	**76.2%**	**205.8**
State College								

Mathematics 6-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Broward College	11	7	63.6%	195.4	14	9	64.3%	196.7
Daytona State College	11	6	54.5%	212.6	12	8	66.7%	213.7
Indian River State College	12	7	58.3%	211.3	13	11	84.6%	215.6
Miami Dade College	23	14	60.9%	201.3	26	22	84.6%	208.1
Chipola College	2	2	100.0%	235	2	2	100.0%	235
Florida Southwestern State College	3	2	66.7%	203.7	3	3	100.0%	215.7
St. Petersburg College	17	12	70.6%	215.4	19	16	84.2%	216.7
STATE COLLEGE TOTAL	**79**	**50**	**63.3%**	**207.6**	**89**	**71**	**79.8%**	**210.9**
State University								
Florida Gulf Coast University	13	12	92.3%	221.2	13	13	100.0%	223.6
University Of North Florida	6	5	83.3%	211.2	8	7	87.5%	210
Florida A&M University	3	0	0.0%	186.3	5	3	60.0%	204.6
Florida Atlantic University	6	4	66.7%	204.7	9	6	66.7%	205
Florida International University	5	5	100.0%	234.6	7	6	85.7%	222.9
Florida State University	17	15	88.2%	222.4	18	17	94.4%	223.2
University Of Central Florida	55	45	81.8%	218.8	58	57	98.3%	222.8
University Of South Florida, Tampa	37	29	78.4%	214.8	41	39	95.1%	221.6
STATE UNIVERSITY TOTAL	**142**	**115**	**81.0%**	**217.4**	**159**	**148**	**93.1%**	**220.4**
PROGRAM TOTAL	**561**	**385**	**68.6%**	**210.8**	**662**	**519**	**78.4%**	**212.7**
NON-PROGRAM TOTAL	**1798**	**908**	**50.5%**	**197.9**	**2118**	**1230**	**58.1%**	**201.4**
GRAND TOTAL	**2359**	**1293**	**54.8%**	**201**	**2780**	**1749**	**62.9%**	**204.1**

Pass Rates for PK to 3 Subtest 1: Developmental Knowledge

PK-3 Subtest 1: Developmental Knowledge	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Broward College	20	14	70.0%	212.7	22	21	95.5%	219.9
Daytona State College	4	4	100.0%	220.5	4	4	100.0%	220.5
Florida Gateway College	7	6	85.7%	212	7	7	100.0%	214.9
Florida Gulf Coast University	4	4	100.0%	232	4	4	100.0%	232
Florida State College at Jacksonville	5	4	80.0%	218.4	6	4	66.7%	214.8
Florida Teachers of Tomorrow	4	3	75.0%	206.5	5	5	100.0%	207.2
Gulf Coast State College	3	3	100.0%	233	3	3	100.0%	233
Hillsborough Community College	31	18	58.1%	209	33	25	75.8%	212.6
Indian River State College	3	3	100.0%	213	3	3	100.0%	213
Miami Dade College	5	4	80.0%	216.6	5	5	100.0%	219.2

PK-3 Subtest 1: Developmental Knowledge	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Palm Beach State College	16	7	43.8%	198.7	17	10	58.8%	205.9
Pasco Hernando State College	4	1	25.0%	193.3	4	1	25.0%	197.5
Polk State College	17	7	41.2%	186.2	22	13	59.1%	192.5
Santa Fe College	1	1	100.0%	226	2	2	100.0%	218
Seminole State College	12	10	83.3%	212	13	12	92.3%	216.2
St. Johns River State College	7	5	71.4%	214.1	8	8	100.0%	220.6
St. Petersburg College	2	2	100.0%	219.5	3	3	100.0%	213
State College of Florida, Manatee-Sarasota	2	2	100.0%	242.5	3	3	100.0%	237
University of Florida	2	2	100.0%	218.5	2	2	100.0%	218.5
University of North Florida	9	8	88.9%	213.8	9	8	88.9%	213.8
University of West Florida	45	43	95.6%	229.1	45	44	97.8%	229.9
Valencia College	14	12	85.7%	210.2	16	15	93.8%	212.2
EPI TOTAL	**217**	**163**	**75.1%**	**213.3**	**236**	**202**	**85.6%**	**215.8**
Professional Development Certification Programs (PDCP)								
Bay	5	4	80.0%	208.4	5	5	100.0%	215
Brevard	3	2	66.7%	217.7	3	3	100.0%	223
Broward	3	2	66.7%	215.3	4	4	100.0%	223.3
Duval	11	11	100.0%	221.5	12	12	100.0%	220.3
Escambia	1	1	100.0%	203	1	1	100.0%	203
Gadsden	1	1	100.0%	216	1	1	100.0%	216
Hillsborough	17	15	88.2%	227.8	17	16	94.1%	230
Indian River	1	0	0.0%	184	1	0	0.0%	184

PK-3 Subtest 1: Developmental Knowledge	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Manatee	2	1	50.0%	193.5	2	2	100.0%	210
Miami-Dade	6	5	83.3%	213.2	8	8	100.0%	215.8
Orange	12	7	58.3%	207.7	12	9	75.0%	209.8
Palm Beach	3	2	66.7%	213	3	2	66.7%	213
Pasco					1	1	100.0%	207
Polk	4	3	75.0%	208	5	5	100.0%	212.2
Santa Rosa	2	2	100.0%	251	2	2	100.0%	251
PDCP TOTAL	**71**	**56**	**78.9%**	**216.7**	**77**	**71**	**92.2%**	**219.1**
Private College/University								
Barry University	2	2	100.0%	213	2	2	100.0%	213
Nova Southeastern University	12	10	83.3%	224.1	12	10	83.3%	224.1
PRIVATE COLLEGE/UNIVERSITY TOTAL	**14**	**12**	**85.7%**	**222.5**	**14**	**12**	**85.7%**	**222.5**
State College								
Florida State College at Jacksonville	103	88	85.4%	223.5	111	105	94.6%	224.9
Miami Dade College	129	128	99.2%	225.5	131	131	100.0%	225.4
St. Johns River State College	41	37	90.2%	221.7	44	44	100.0%	223.8
St. Petersburg College	12	12	100.0%	230.6	12	12	100.0%	230.6
College of Central Florida	37	35	94.6%	225.2	37	36	97.3%	226.5
STATE COLLEGE TOTAL	**322**	**300**	**93.2%**	**224.5**	**335**	**328**	**97.9%**	**225.4**
State University								
Florida Gulf Coast University	29	24	82.8%	217.5	31	30	96.8%	220.3
University of Florida	43	43	100.0%	239.8	43	43	100.0%	239.8

PK-3 Subtest 1: Developmental Knowledge	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
University of North Florida	22	22	100.0%	225.5	22	22	100.0%	225.5
Florida A&M University	5	4	80.0%	211.2	5	5	100.0%	214.4
Florida International University	41	34	82.9%	215.8	45	43	95.6%	217.7
Florida State University	34	29	85.3%	225.9	36	36	100.0%	228
University of Central Florida	126	125	99.2%	232	129	129	100.0%	231.8
University of South Florida, Tampa	71	67	94.4%	234.1	72	70	97.2%	234.7
STATE UNIVERSITY TOTAL	371	348	93.8%	229.2	383	378	98.7%	229.7
PROGRAM TOTAL	995	879	88.3%	223.2	1045	991	94.8%	224.3
NON-PROGRAM TOTAL	4475	3028	67.7%	209	4716	3665	77.7%	211.9
GRAND TOTAL	5470	3907	71.4%	211.6	5761	4656	80.8%	214.1

Pass Rates for PK to 3 Subtest 2: Language Arts and Reading

PK-3 Subtest 2: Language Arts and Reading	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Broward College	20	12	60.0%	204.5	22	18	81.8%	207.5
Daytona State College	4	3	75.0%	215.3	4	4	100.0%	221.3
Florida Gateway College	7	3	42.9%	201.7	7	7	100.0%	220.1
Florida Gulf Coast University	4	4	100.0%	217.3	4	4	100.0%	217.3
Florida State College at Jacksonville	5	3	60.0%	208.6	6	4	66.7%	206.5
Florida Teachers of Tomorrow	4	1	25.0%	196.3	6	5	83.3%	217.3

PK-3 Subtest 2: Language Arts and Reading	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Gulf Coast State College	3	2	66.7%	195.7	3	2	66.7%	195.7
Hillsborough Community College	31	16	51.6%	200.7	37	21	56.8%	201.2
Indian River State College	3	3	100.0%	215.3	3	3	100.0%	215.3
Miami Dade College	5	4	80.0%	208.4	5	5	100.0%	212
Palm Beach State College	16	5	31.3%	185.2	18	11	61.1%	194.1
Pasco Hernando State College	4	0	0.0%	183.5	5	1	20.0%	188
Polk State College	17	8	47.1%	178.4	26	15	57.7%	186.8
Santa Fe College	1	1	100.0%	218	1	1	100.0%	218
Seminole State College	12	9	75.0%	200.7	16	14	87.5%	203.1
St. Johns River State College	7	3	42.9%	197.9	8	8	100.0%	210.1
St. Petersburg College	2	1	50.0%	203	3	3	100.0%	217
State College of Florida, Manatee-Sarasota	2	2	100.0%	209	3	3	100.0%	209
University of Florida	2	1	50.0%	204.5	2	1	50.0%	204.5
University of North Florida	9	5	55.6%	201	10	6	60.0%	202.7
University of West Florida	45	38	84.4%	214.7	48	46	95.8%	217.6
Valencia College	14	7	50.0%	193.4	15	13	86.7%	207.3
EPI TOTAL	**217**	**131**	**60.4%**	**201.4**	**252**	**195**	**77.4%**	**205.8**
Professional Development Certification Programs (PDCP)								
Bay	5	2	40.0%	202.4	5	5	100.0%	210.8
Brevard	3	3	100.0%	201	3	3	100.0%	201
Broward	3	3	100.0%	220	5	4	80.0%	209
Duval	11	7	63.6%	202.6	15	13	86.7%	208.1

PK-3 Subtest 2: Language Arts and Reading	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Escambia	1	1	100.0%	218	2	2	100.0%	209
Gadsden	1	1	100.0%	206	1	1	100.0%	206
Hillsborough	17	10	58.8%	204.5	17	14	82.4%	208.5
Indian River	1	0	0.0%	182	1	0	0.0%	182
Manatee	2	0	0.0%	182	2	1	50.0%	209
Miami-Dade	6	6	100.0%	207.5	9	9	100.0%	211.7
Orange	12	7	58.3%	199.3	14	10	71.4%	201.3
Palm Beach	3	1	33.3%	195	3	2	66.7%	206
Pasco					1	1	100.0%	200
Polk	4	3	75.0%	210	5	5	100.0%	222
Santa Rosa	2	2	100.0%	216.5	2	2	100.0%	216.5
Sumter					1	1	100.0%	209
PDCP TOTAL	**71**	**46**	**64.8%**	**203.4**	**86**	**73**	**84.9%**	**208**
Private College/University								
Barry University	2	2	100.0%	207.5	2	2	100.0%	207.5
Nova Southeastern University	12	4	33.3%	196.5	12	8	66.7%	205.5
PRIVATE COLLEGE/UNIVERSITY TOTAL	**14**	**6**	**42.9%**	**198.1**	**14**	**10**	**71.4%**	**205.8**
State College								
Florida State College at Jacksonville	103	60	58.3%	201.7	122	107	87.7%	208.6
Miami Dade College	129	100	77.5%	209.5	135	132	97.8%	215.6
St. Johns River State College	41	30	73.2%	208.5	43	42	97.7%	213.1
St. Petersburg College	12	12	100.0%	216.4	12	12	100.0%	216.4

PK-3 Subtest 2: Language Arts and Reading	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
College of Central Florida	37	28	75.7%	206.6	37	35	94.6%	209.4
STATE COLLEGE TOTAL	322	230	71.4%	206.8	349	328	94.0%	212.2
State University								
Florida Gulf Coast University	29	19	65.5%	206.6	31	30	96.8%	212.2
University of Florida	43	43	100.0%	227.7	43	43	100.0%	227.7
University of North Florida	22	16	72.7%	208.1	22	21	95.5%	213.3
Florida A&M University	5	2	40.0%	200.6	5	5	100.0%	212.6
Florida International University	41	31	75.6%	211.5	46	40	87.0%	214.1
Florida State University	34	30	88.2%	214.9	38	38	100.0%	216.6
University of Central Florida	126	103	81.7%	213	133	128	96.2%	216.2
University of South Florida, Tampa	71	60	84.5%	219.1	73	71	97.3%	220.7
STATE UNIVERSITY TOTAL	371	304	81.9%	214.9	391	376	96.2%	217.6
PROGRAM TOTAL	995	717	72.1%	208.3	1092	982	89.9%	212.2
NON-PROGRAM TOTAL	4475	2119	47.4%	194.5	4875	3190	65.4%	200.3
GRAND TOTAL	5470	2836	51.8%	197	5967	4172	69.9%	202.4

Pass Rates for PK to 3 Subtest 3: Mathematics

PK-3 Subtest 3: Mathematics	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Broward College	20	14	70.0%	214.7	21	18	85.7%	218.2

PK-3 Subtest 3: Mathematics	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Daytona State College	4	2	50.0%	213.8	4	4	100.0%	222.5
Florida Gateway College	7	5	71.4%	204	7	7	100.0%	216.9
Florida Gulf Coast University	4	4	100.0%	227.3	5	5	100.0%	222.6
Florida State College at Jacksonville	5	2	40.0%	187.4	6	2	33.3%	184.2
Florida Teachers of Tomorrow	4	4	100.0%	220.5	5	4	80.0%	213.2
Gulf Coast State College	3	2	66.7%	202.7	3	2	66.7%	202.7
Hillsborough Community College	31	20	64.5%	204.5	35	25	71.4%	207.8
Indian River State College	3	1	33.3%	204	3	2	66.7%	212
Miami Dade College	5	5	100.0%	213.2	5	5	100.0%	213.2
Palm Beach State College	16	8	50.0%	195.9	18	12	66.7%	199.7
Pasco Hernando State College	4	2	50.0%	189.5	4	2	50.0%	197.3
Polk State College	17	7	41.2%	179.7	24	14	58.3%	188.3
Santa Fe College	1	1	100.0%	251	1	1	100.0%	251
Seminole State College	12	8	66.7%	206.9	14	12	85.7%	211.6
St. Johns River State College	7	5	71.4%	203	7	6	85.7%	209.1
St. Petersburg College	2	2	100.0%	215.5	2	2	100.0%	215.5
State College of Florida, Manatee-Sarasota	2	2	100.0%	231	3	2	66.7%	216.7
University of Florida	2	2	100.0%	229.5	2	2	100.0%	229.5
University of North Florida	9	8	88.9%	216.1	10	10	100.0%	220
University of West Florida	45	41	91.1%	230.8	49	48	98.0%	231.2
Valencia College	14	9	64.3%	205	15	13	86.7%	217.1
EPI TOTAL	**217**	**154**	**71.0%**	**210.1**	**243**	**198**	**81.5%**	**213**

PK-3 Subtest 3: Mathematics	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Professional Development Certification Programs (PDCP)								
Bay	5	3	60.0%	213.8	5	5	100.0%	228
Brevard	3	3	100.0%	218.3	3	3	100.0%	218.3
Broward	3	2	66.7%	223.3	4	3	75.0%	211.8
Duval	11	9	81.8%	215.3	15	12	80.0%	212
Escambia	1	1	100.0%	223	2	2	100.0%	211.5
Gadsden	1	1	100.0%	223	2	1	50.0%	186
Hillsborough	17	14	82.4%	221.4	17	16	94.1%	223.5
Indian River	1	0	0.0%	165	1	0	0.0%	165
Manatee	2	1	50.0%	182.5	2	1	50.0%	200
Miami-Dade	6	5	83.3%	221.3	7	7	100.0%	224.6
Orange	12	7	58.3%	206	13	9	69.2%	208.8
Palm Beach	3	2	66.7%	216.7	4	3	75.0%	214.5
Pasco					1	1	100.0%	200
Polk	4	2	50.0%	204.8	4	4	100.0%	221.5
Santa Rosa	2	2	100.0%	214	2	2	100.0%	214
PDCP TOTAL	**71**	**52**	**73.2%**	**214.1**	**82**	**69**	**84.1%**	**215.1**
Private College/University								
Barry University	2	0	0.0%	186	2	2	100.0%	231.5
Nova Southeastern University	12	5	41.7%	195.7	12	10	83.3%	208.8
PRIVATE COLLEGE/UNIVERSITY TOTAL	**14**	**5**	**35.7%**	**194.3**	**14**	**12**	**85.7%**	**212.1**
State College								

PK-3 Subtest 3: Mathematics	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Florida State College at Jacksonville	103	77	74.8%	214.7	112	101	90.2%	218.9
Miami Dade College	128	94	73.4%	213.6	132	129	97.7%	222.5
St. Johns River State College	41	36	87.8%	225.5	42	42	100.0%	228.2
St. Petersburg College	12	12	100.0%	227.4	12	12	100.0%	227.4
College of Central Florida	37	34	91.9%	222.3	38	38	100.0%	223.3
STATE COLLEGE TOTAL	321	253	78.8%	217	336	322	95.8%	222.3
State University								
Florida Gulf Coast University	29	26	89.7%	223	30	29	96.7%	224.5
University of Florida	43	43	100.0%	237	43	43	100.0%	237
University of North Florida	22	18	81.8%	223.6	22	21	95.5%	227
Florida A&M University	5	4	80.0%	208	5	5	100.0%	214.2
Florida International University	41	30	73.2%	209.4	45	40	88.9%	214.8
Florida State University	34	31	91.2%	231.7	34	34	100.0%	234.8
University of Central Florida	126	109	86.5%	225.8	131	127	96.9%	228.5
University of South Florida, Tampa	71	67	94.4%	230.5	72	70	97.2%	231.1
STATE UNIVERSITY TOTAL	371	328	88.4%	226.2	382	369	96.6%	228.3
PROGRAM TOTAL	994	792	79.7%	218.4	1057	970	91.8%	221.6
NON-PROGRAM TOTAL	4474	2682	59.9%	204.7	4782	3414	71.4%	208.6
GRAND TOTAL	5468	3474	63.5%	207.2	5839	4384	75.1%	211

Pass Rates for PK-3 Subtest 4: Science

PK-3 Subtest 4: Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Broward College	20	17	85.0%	226.4	21	20	95.2%	229.7
Daytona State College	4	4	100.0%	234.3	4	4	100.0%	234.3
Florida Gateway College	7	6	85.7%	214.4	7	7	100.0%	219.1
Florida Gulf Coast University	4	4	100.0%	249.3	4	4	100.0%	249.3
Florida State College at Jacksonville	5	4	80.0%	213.4	6	4	66.7%	205
Florida Teachers of Tomorrow	4	3	75.0%	217	5	5	100.0%	219.2
Gulf Coast State College	3	2	66.7%	216.7	3	2	66.7%	216.7
Hillsborough Community College	31	22	71.0%	210.4	32	26	81.3%	214.9
Indian River State College	3	3	100.0%	232.3	3	3	100.0%	232.3
Miami Dade College	5	5	100.0%	231.8	5	5	100.0%	231.8

PK-3 Subtest 4: Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Palm Beach State College	16	11	68.8%	211.3	17	14	82.4%	213.5
Pasco Hernando State College	4	3	75.0%	208.5	5	4	80.0%	213.4
Polk State College	17	9	52.9%	195.1	26	15	57.7%	197
Santa Fe College	1	1	100.0%	233	1	1	100.0%	233
Seminole State College	12	9	75.0%	222.8	14	13	92.9%	221.9
St. Johns River State College	7	6	85.7%	213	7	7	100.0%	218.4
St. Petersburg College	2	2	100.0%	244	2	2	100.0%	244
State College of Florida, Manatee-Sarasota	2	2	100.0%	233.5	3	3	100.0%	232
University of Florida	2	2	100.0%	221	2	2	100.0%	221
University of North Florida	9	8	88.9%	231.9	10	10	100.0%	231.7
University of West Florida	45	42	93.3%	234.4	46	45	97.8%	234.5
Valencia College	14	11	78.6%	218.5	14	13	92.9%	227.4
EPI TOTAL	**217**	**176**	**81.1%**	**220.9**	**237**	**209**	**88.2%**	**222**
Professional Development Certification Programs (PDCP)								
Baker					1	1	100.0%	200.0
Bay	5	4	80.0%	224.2	5	5	100.0%	227.6
Brevard	3	3	100.0%	237.3	3	3	100.0%	237.3
Broward	3	3	100.0%	240	4	4	100.0%	231
Duval	11	10	90.9%	222.7	13	11	84.6%	218.6
Escambia	1	1	100.0%	238	1	1	100.0%	238
Gadsden	1	1	100.0%	238	1	1	100.0%	238
Hillsborough	17	15	88.2%	229.2	17	16	94.1%	230.7

PK-3 Subtest 4: Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Indian River	1	1	100.0%	208	1	1	100.0%	208
Manatee	2	1	50.0%	204	2	2	100.0%	220.5
Miami-Dade	6	6	100.0%	237	8	8	100.0%	235
Orange	12	10	83.3%	217.6	12	10	83.3%	217.6
Palm Beach	3	2	66.7%	233	3	3	100.0%	244.3
Polk	4	4	100.0%	230.3	5	5	100.0%	225
Santa Rosa	**2**	**2**	**100.0%**	**225**	**2**	**2**	**100.0%**	**225**
Private College/University								
Barry University	2	1	50.0%	210.5	2	2	100.0%	227
Nova Southeastern University	12	8	66.7%	214.7	12	8	66.7%	215.3
PRIVATE COLLEGE/UNIVERSITY TOTAL	**14**	**9**	**64.3%**	**214.1**	**14**	**10**	**71.4%**	**217**
State College								
Florida State College at Jacksonville	103	87	84.5%	221.3	115	108	93.9%	221.9
Miami Dade College	128	106	82.8%	223.3	132	130	98.5%	229.5
St. Johns River State College	41	34	82.9%	227.2	45	44	97.8%	230.2
St. Petersburg College	12	12	100.0%	227.3	12	12	100.0%	227.3
College of Central Florida	37	34	91.9%	224.4	37	37	100.0%	226
STATE COLLEGE TOTAL	**321**	**273**	**85.0%**	**223.4**	**341**	**331**	**97.1%**	**226.6**
State University								
Florida Gulf Coast University	29	27	93.1%	223.9	30	29	96.7%	225.2
University of Florida	43	43	100.0%	241.9	43	43	100.0%	241.9
University of North Florida	22	19	86.4%	230.7	22	21	95.5%	232.2

PK-3 Subtest 4: Science	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Florida A&M University	5	3	60.0%	205	6	6	100.0%	222.8
Florida International University	41	33	80.5%	221.4	44	41	93.2%	225.6
Florida State University	34	32	94.1%	230.3	34	34	100.0%	231.4
University of Central Florida	126	114	90.5%	227.8	130	128	98.5%	229.6
University of South Florida, Tampa	71	64	90.1%	230.2	71	69	97.2%	232.8
STATE UNIVERSITY TOTAL	371	335	90.3%	228.9	380	371	97.6%	231
PROGRAM TOTAL	994	856	86.1%	225.1	1049	993	94.7%	227
NON-PROGRAM TOTAL	4474	3154	70.5%	212.9	4697	3691	78.6%	215.5
GRAND TOTAL	5468	4010	73.3%	215.1	5746	4684	81.5%	217.6

Pass Rates for Reading K-12

Reading K-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Broward College	4	1	25.0%	198.5	4	1	25.0%	198.5
Florida Gateway College	1	0	0.0%	178	1	0	0.0%	178
Florida Gulf Coast University	1	0	0.0%	197	1	0	0.0%	197
Florida State College at Jacksonville	5	4	80.0%	221	5	4	80.0%	221
Hillsborough Community College	2	0	0.0%	188.5	2	1	50.0%	195.5
Indian River State College	1	0	0.0%	182	1	0	0.0%	182
Palm Beach State College	1	0	0.0%	140	2	0	0.0%	163
State College of Florida, Manatee-Sarasota	2	2	100.0%	237	2	2	100.0%	237
University of West Florida	2	1	50.0%	200	2	1	50.0%	200
EPI TOTAL	**19**	**8**	**42.1%**	**202.5**	**20**	**9**	**45.0%**	**202.4**
Professional Development Certification Programs (PDCP)								
Duval	1	0	0.0%	181	1	0	0.0%	181
Hillsborough	1	1	100.0%	230	1	1	100.0%	230
Manatee	1	1	100.0%	207	1	1	100.0%	207
PDCP TOTAL	**3**	**2**	**66.7%**	**206**	**3**	**2**	**66.7%**	**206**
Private College/University								
Barry University	30	23	76.7%	206.8	32	26	81.3%	207
Bethune-Cookman University	1	0	0.0%	160	1	0	0.0%	160
Florida Memorial University	4	2	50.0%	202	4	2	50.0%	202.5
Nova Southeastern University	10	5	50.0%	201.8	13	11	84.6%	208.8

Reading K-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Saint Leo University	55	47	85.5%	217.3	55	50	90.9%	218.1
University of Miami	1	1	100.0%	226	2	2	100.0%	234.5
PRIVATE COLLEGE/UNIVERSITY TOTAL	**101**	**78**	**77.2%**	**211.5**	**107**	**91**	**85.0%**	**212.9**
State College								
Broward College	1	0	0.0%	194	1	0	0.0%	194
Chipola College	1	1	100.0%	213	1	1	100.0%	213
Daytona State College	1	0	0.0%	171	1	0	0.0%	171
Miami Dade College	1	1	100.0%	235	1	1	100.0%	235
Northwest Florida State College	1	1	100.0%	209	1	1	100.0%	209
St. Johns River State College	1	1	100.0%	216	1	1	100.0%	216
St. Petersburg College	1	1	100.0%	207	1	1	100.0%	207
STATE COLLEGE TOTAL	**7**	**5**	**71.4%**	**206.4**	**7**	**5**	**71.4%**	**206.4**
State University								
Florida Gulf Coast University	1	1	100.0%	204	1	1	100.0%	204
University of West Florida	23	19	82.6%	218	23	21	91.3%	219.3
Florida Atlantic University	11	10	90.9%	223.4	11	10	90.9%	223.9
Florida International University	38	29	76.3%	214.6	41	36	87.8%	216.8
Florida State University	1	1	100.0%	248	1	1	100.0%	248
University of Central Florida	36	30	83.3%	217.8	37	35	94.6%	219.7
University of South Florida, Tampa	31	27	87.1%	218.7	32	30	93.8%	219.3
University of South Florida, St. Petersburg	17	15	88.2%	217.1	18	17	94.4%	215.9
STATE UNIVERSITY TOTAL	**158**	**132**	**83.5%**	**217.7**	**164**	**151**	**92.1%**	**218.8**

Reading K-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
PROGRAM TOTAL	288	225	78.1%	214.1	301	258	85.7%	215.2
NON-PROGRAM TOTAL	365	181	49.6%	195.8	398	209	52.5%	197.2
GRAND TOTAL	653	406	62.2%	203.9	699	467	66.8%	204.9

Pass Rates for Social Science 6-12

Social Science 6-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Educator Preparation Institute (EPI)								
Ashford University	1	1	100.0%	203	1	1	100.0%	203
Broward College	15	11	73.3%	205.5	21	17	81.0%	211
Daytona State College	13	9	69.2%	205.9	14	13	92.9%	216.1
Eastern Florida State College					1	0	0.0%	183
Florida Gateway College	13	8	61.5%	201.7	15	12	80.0%	205.3
Florida Gulf Coast University	6	5	83.3%	215	7	7	100.0%	219.1
Florida State College at Jacksonville	4	3	75.0%	216.5	5	4	80.0%	218.6
Florida Teachers of Tomorrow	10	8	80.0%	209.5	10	8	80.0%	210.2
Gulf Coast State College	9	7	77.8%	212.7	10	7	70.0%	209.8
Hillsborough Community College	54	42	77.8%	212.1	59	50	84.7%	213.1

Social Science 6-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Indian River State College	9	8	88.9%	215.9	10	8	80.0%	211.9
Miami Dade College	7	5	71.4%	213.7	8	6	75.0%	213.5
Palm Beach State College	11	8	72.7%	205	13	9	69.2%	204.5
Pasco Hernando State College	18	15	83.3%	214.6	19	17	89.5%	215.3
Polk State College	28	19	67.9%	204.3	33	25	75.8%	206.2
Santa Fe College	7	5	71.4%	217.4	7	7	100.0%	219.6
Seminole State College	21	16	76.2%	210.2	21	19	90.5%	214.2
St. Johns River State College	23	21	91.3%	218.7	24	22	91.7%	216.8
St. Petersburg College	3	3	100.0%	229.3	3	3	100.0%	229.3
State College of Florida, Manatee-Sarasota	15	14	93.3%	222.9	19	16	84.2%	218.5
University of Florida	3	2	66.7%	209.7	3	3	100.0%	213.3
University of North Florida	15	14	93.3%	219.1	16	16	100.0%	221.2
University of West Florida	150	143	95.3%	224.3	153	151	98.7%	224.6
Valencia College	19	13	68.4%	207.6	22	18	81.8%	210
EPI TOTAL	**454**	**380**	**83.7%**	**215.8**	**494**	**439**	**88.9%**	**216.5**
Professional Development Certification Programs (PDCP)								
Alachua	1	1	100.0%	210	1	1	100.0%	210
Baker	4	3	75.0%	205	4	3	75.0%	208.5
Bay	2	2	100.0%	223.5	3	3	100.0%	217.7
Brevard	7	6	85.7%	209.4	7	6	85.7%	209.9
Broward	23	18	78.3%	210.6	29	27	93.1%	212.6
Collier	1	1	100.0%	213	1	1	100.0%	213

Social Science 6-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Duval	21	13	61.9%	212.6	22	18	81.8%	214.1
Escambia	5	5	100.0%	223.4	6	5	83.3%	218.8
Gadsden	3	3	100.0%	221.3	4	4	100.0%	216.8
Hillsborough	37	26	70.3%	205.8	40	33	82.5%	209.2
Indian River	2	1	50.0%	215.5	2	1	50.0%	215.5
Lake	7	6	85.7%	208	7	6	85.7%	208
Levy	1	1	100.0%	213	1	1	100.0%	213
Manatee	7	6	85.7%	211.3	7	7	100.0%	214.3
Marion	1	1	100.0%	232	1	1	100.0%	232
Miami-Dade	12	7	58.3%	201.1	15	11	73.3%	206.7
Orange	24	20	83.3%	215.5	29	23	79.3%	211.3
Palm Beach	7	6	85.7%	218.1	8	7	87.5%	216
Pasco	8	5	62.5%	212.3	11	10	90.9%	215.7
Pinellas	8	5	62.5%	202.9	8	6	75.0%	207.3
Polk	8	5	62.5%	206.4	8	5	62.5%	206.4
Putnam	1	1	100.0%	204	1	1	100.0%	204
Santa Rosa	2	1	50.0%	210.5	3	2	66.7%	210
Sumter	1	1	100.0%	213	1	1	100.0%	213
PDCP TOTAL	**193**	**144**	**74.6%**	**210.3**	**219**	**183**	**83.6%**	**211.5**
Private College/University								
Bethune-Cookman University					1	1	100.0%	213
Flagler College	5	5	100.0%	215.6	6	5	83.3%	210.7

Social Science 6-12	First Attempt				Best Attempt			
	Number of Examinees	Number Passing	Pass Rate	Mean Score	Number of Examinees	Number Passing	Pass Rate	Mean Score
Florida Southern College	5	5	100.0%	221.2	5	5	100.0%	221.2
Nova Southeastern University	1	1	100.0%	209	2	1	50.0%	173.5
Southeastern University	2	1	50.0%	201	2	2	100.0%	213.5
University of Miami	1	1	100.0%	230	1	1	100.0%	230
University of Tampa	9	8	88.9%	206.1	9	9	100.0%	209.1
Warner University	1	1	100.0%	213	1	1	100.0%	213
PRIVATE COLLEGE/UNIVERSITY TOTAL	**24**	**22**	**91.7%**	**212.2**	**27**	**25**	**92.6%**	**210.4**
State University								
Florida Gulf Coast University	41	19	46.3%	196.1	44	35	79.5%	203.3
University of Florida	7	6	85.7%	218.7	10	9	90.0%	217.8
University of North Florida	18	12	66.7%	203.1	20	16	80.0%	207.8
Florida A&M University	2	2	100.0%	221.5	2	2	100.0%	221.5
Florida Atlantic University	21	16	76.2%	207	24	19	79.2%	206.2
Florida International University	14	10	71.4%	208.9	14	12	85.7%	211.7
Florida State University	53	43	81.1%	211.2	60	57	95.0%	213.9
University of Central Florida	100	80	80.0%	210.5	114	108	94.7%	212.9
University of South Florida, Tampa	87	59	67.8%	206.9	96	86	89.6%	211.6
STATE UNIVERSITY TOTAL	**343**	**247**	**72.0%**	**207.5**	**384**	**344**	**89.6%**	**211.1**
PROGRAM TOTAL	**1014**	**793**	**78.2%**	**211.9**	**1124**	**991**	**88.2%**	**213.5**
NON-PROGRAM TOTAL	**3009**	**1894**	**62.9%**	**204.5**	**3349**	**2360**	**70.5%**	**206.5**
GRAND TOTAL	**4023**	**2687**	**66.8%**	**206.3**	**4473**	**3351**	**74.9%**	**208.3**