

CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

Please note: DE Educator Preparation Scorecards are published every two years by the Delaware Department of Education. The 2018 Scorecards included below are the most recent. The 2020 Scorecards will be available in October 2021.

Evidence Overview

Description of Evidence: The evidence section below presents data from the **Graduate Performance Domain** from the scorecards which scores the educator preparation program's performance in Delaware's classrooms and schools. The four metrics included consider the outcomes of program graduates' students, the qualitative aspects of program graduates' practice, and administrators' overall assessment of program graduates' performance.

In 2009, stakeholders from the Delaware Department of Education (DDOE), the Delaware State General Assembly, Educator Preparation Programs in Delaware, and the Delaware State Education Association came to consensus on teacher quality and teacher preparation reforms while drafting the state's application for the federal Race To The Top grant (RTTT). Delaware was awarded the RTTT grant in 2010 and immediately sought to raise standards for admission into and exit from educator preparation programs in the State. In 2013, Governor Jack Markell [signed these reforms into law](#) through Senate Bill 51 and its accompanying amendments to Regulation 290, and did so in a ceremony held at Wilmington University.

Video: Governor Jack Markell signs reforms into law through Senate Bill 51 and its accompanying amendments to Regulation 290.



The educator preparation program reports are intended to provide a holistic view of a program based on quantitative and qualitative measures that are indicators of a program's ability to recruit and train effective educators and aligned with the program standards expectations set forth by CAEP. Please click on the following links for more detailed information about the program standards, data collection, scoring, and program renewal, probation, and revocation: [Educator Preparation Program Guide](#) and the [Delaware DOE Technical Guide: Ed Prep Scorecards](#).

CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

Delaware's program reports consider the past five years of program data. The program reports are comprised of the following six domains (Table 1).

Table 1: Delaware Educator Preparation Scorecard Domains	
Recruitment	The Recruitment domain scores the educator preparation program's ability to cultivate a diverse, accomplished student body with the potential to be outstanding future educators.
Candidate Performance	The Candidate Performance domain scores the educator preparation program's ability to prepare aspiring educators with the knowledge and skill required to be first-day ready, as measured by required content knowledge and performance assessments.
Employment & Placement	The Employment and Placement domain scores the educator preparation program's performance in preparing educators who become employed as teachers or specialists, launch their careers in Delaware's schools, and considers the subset of those who student teach in the state-identified high-needs schools.
Retention	The Retention domain scores the educator preparation program's track record of preparing program graduates who continue to serve in public education in Delaware.
Graduate Performance	The Graduate Performance domain scores the educator preparation program's performance in Delaware's classrooms and schools. The four metrics included consider the outcomes of program graduates' students, the qualitative aspects of program graduates' practice, and administrators' overall assessment of program graduates' performance.
Perceptions	The Perceptions domain scores the educator preparation program's performance based on feedback collected from program graduates and their supervisors.

Tables 2 below further define the metrics from the **Graduate Performance** domain.

Table 2 Graduate Performance Metrics Observation Scores	
Metric Description	Reported here are the average observation scores earned by graduates.
Minimum Standard	2.70
State Target	3.30
Historical Performance	Average = 3.07 10 th percentile = 2.97 90 th percentile = 3.16
Description of Calculation	First, each educator's available DPAS-II observational scores on each criterion are averaged to create a calculated criterion score. Then, the marginal effect of each program on educators' mean criteria score is modeled in a multilevel, mixed effects regression. This model adjusts for differences in educator experience, grade-level taught, DPAS-II educator group and school demographics. The model also includes a school effect to mitigate systematic differences in ratings across schools. Results are reported as conditional means for educators in each program with 0-2 years of experience, in educator group 2, in middle grades, in classrooms with average levels of poverty, students with disabilities, English language learners, and white students.
Universe	Included are educators graduating from an identified educator preparation program between years 2012-13 through 2016-17. DPAS-II criterion measures include all available evaluation records for graduates in this time frame.

CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

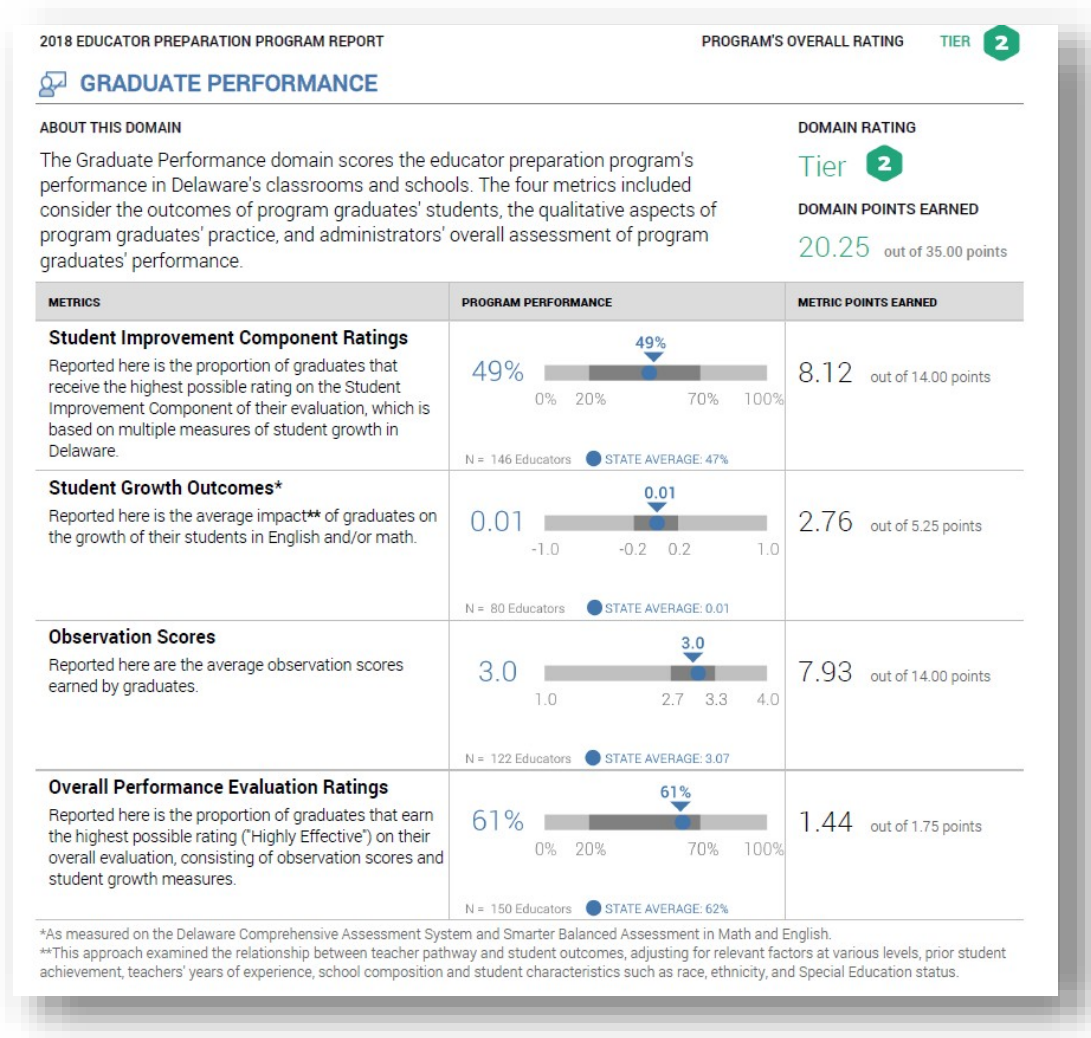
DE Educator Preparation Scorecards: Graduate Performance

Exclusion Rules	Any record for an educator that does not have at least 13 out of the 18 possible criteria scored is excluded.
Minimum N	10
Average	Institution and state averages are calculated in the same manner as above, but represent the conditional mean for each institution or the state as a whole, respectively.
Example Calculation	An educator preparation program graduates 15 students between 2012-13 through 2016-17, inclusively. Together these graduates have 33 DPAS-II criteria scores that are averaged together within, and then across, teachers, resulting in a conditional average of 2.9 after adjusting for differences in the percent of students in poverty and with disabilities, as well as the percent that are English Language Learners and white, and the teacher's year of experience, grade level taught and educator evaluation group. This program would earn 33.3% of the available points for this metric, or $(2.9 - 2.7) / (3.3 - 2.7)$ using the formula $[(\text{Value} - \text{Minimum Standard}) / (\text{Target} - \text{Standard})]$.

Evidence

Bachelor of Science K-6

2018 Ed. Prep. Scorecard Bachelor of Science K-6 - Graduate Performance

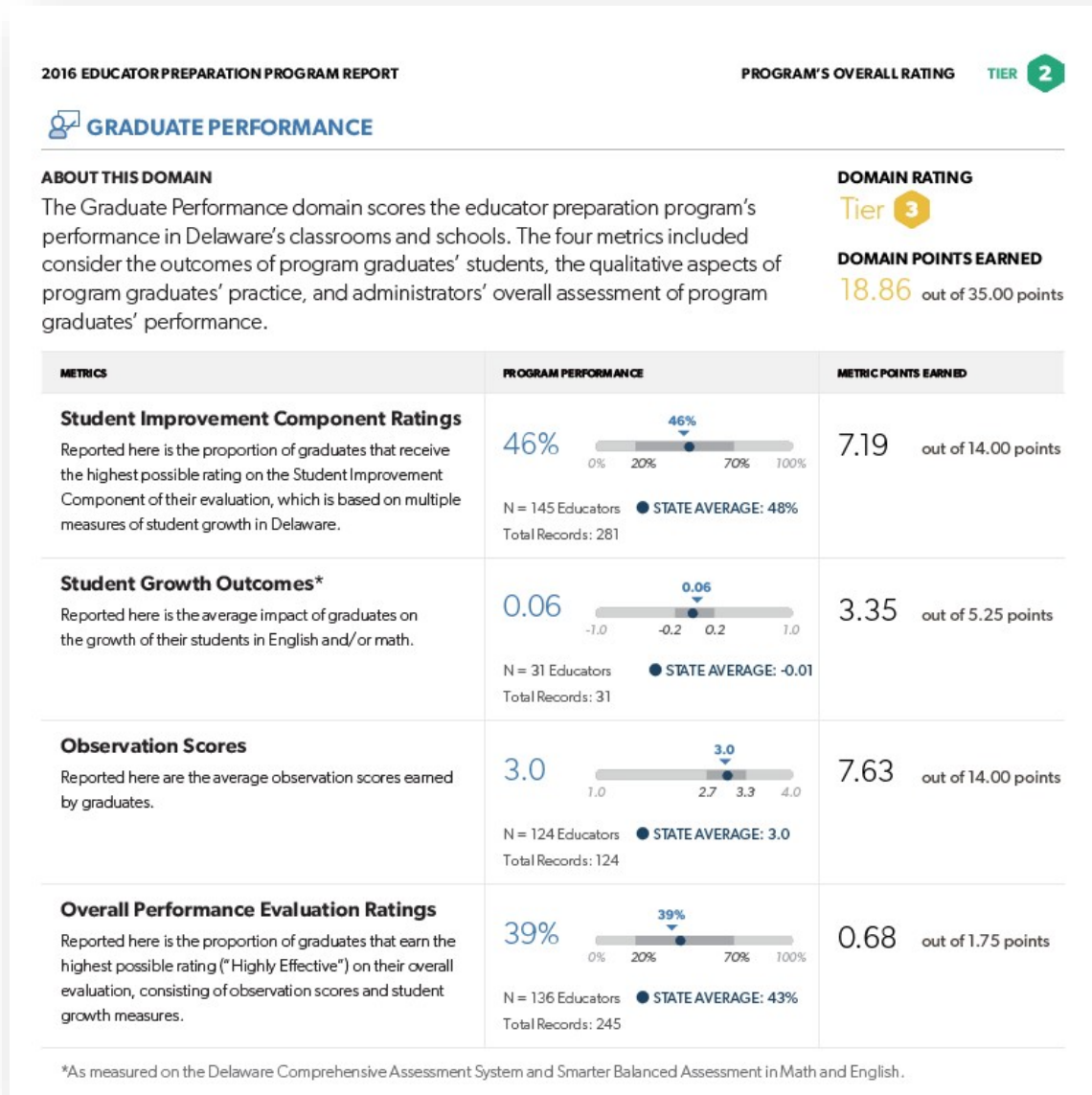


CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

2016 Ed. Prep Scorecard Bachelor of Science K-6 – Graduate Performance

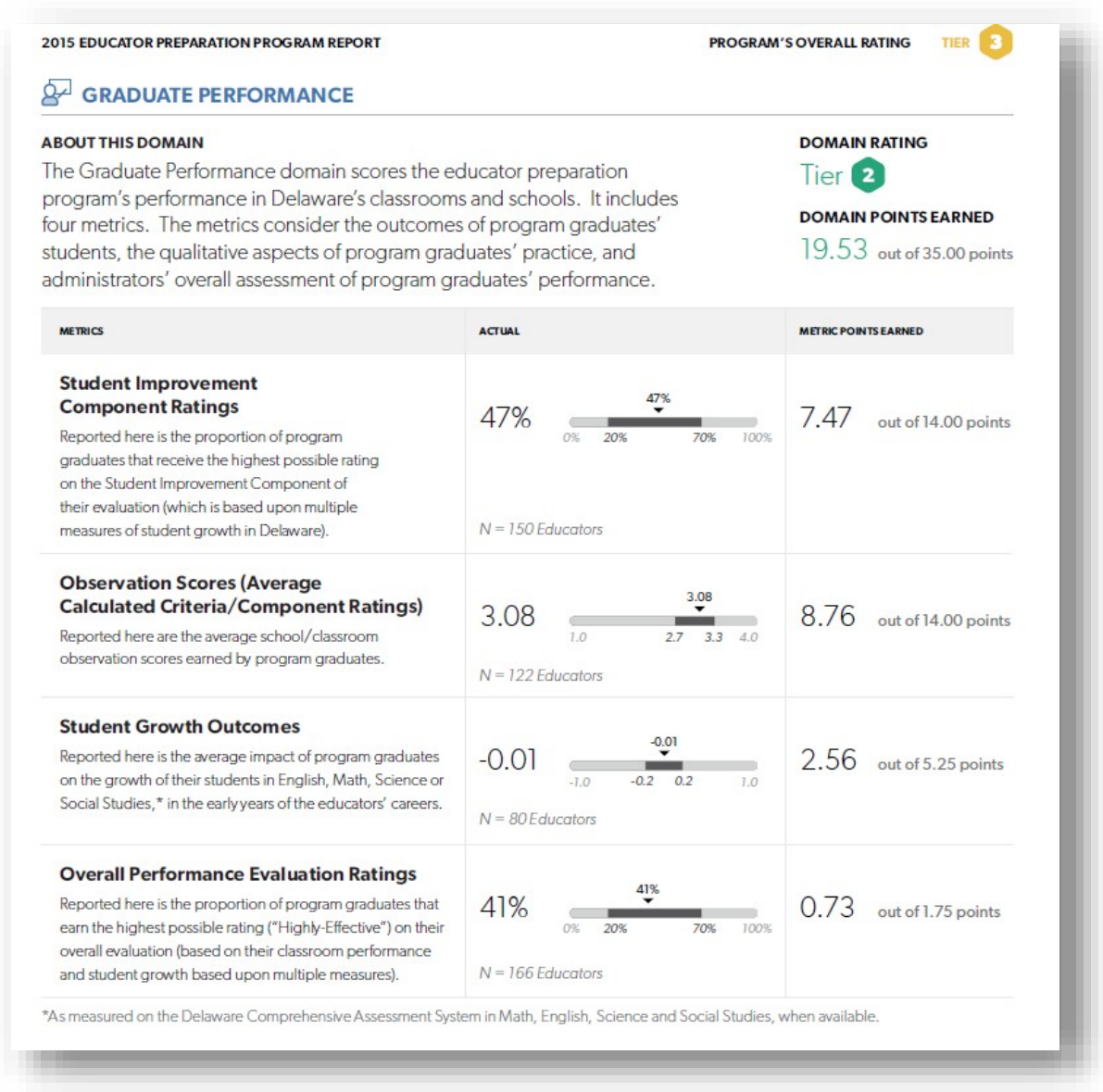


CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

2015 Ed. Prep Scorecard Bachelor of Science K-6 – Graduate Performance



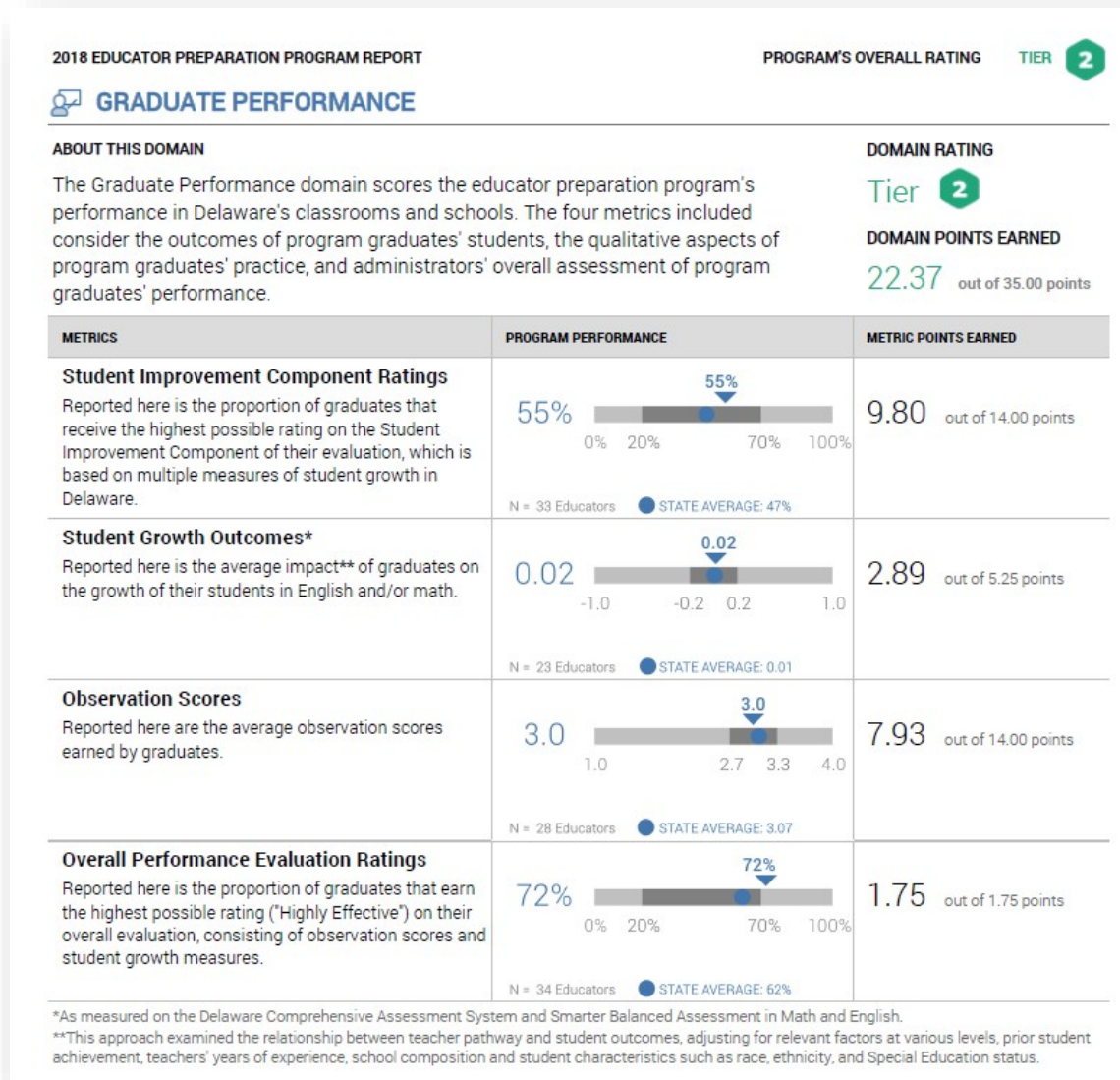
CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

Bachelor of Science 6-8

2018 Ed. Prep. Scorecard Bachelor of Science 6-8 - Graduate Performance

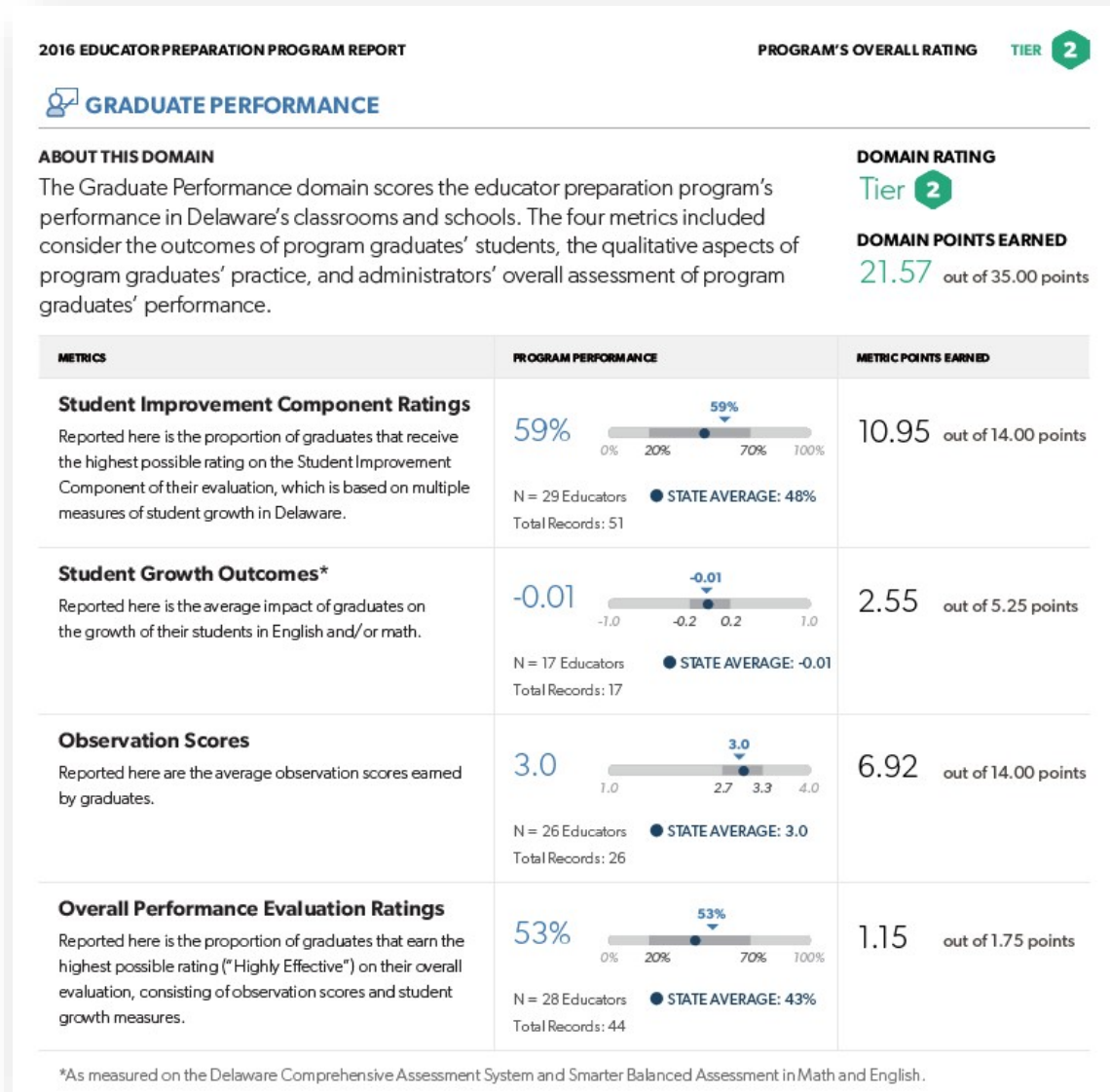


CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

2016 Ed. Prep. Scorecard Bachelor of Science 6-8 - Graduate Performance

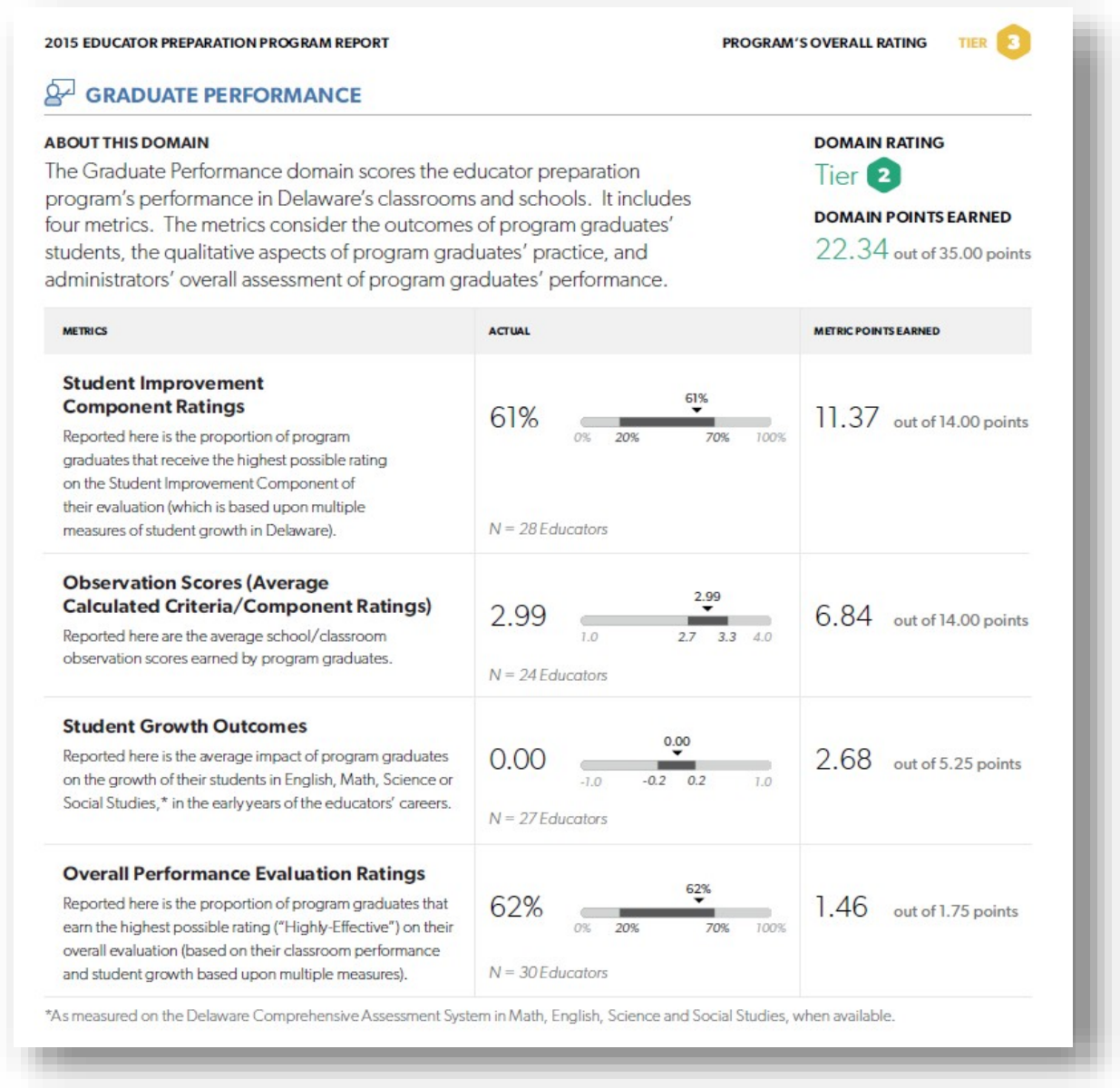


CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

2015 Ed. Prep. Scorecard Bachelor of Science 6-8 - Graduate Performance



CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

Master of Education Elementary Studies

2018 Ed. Prep. Scorecard Master of Education Elementary Studies - Graduate Performance

2018 EDUCATOR PREPARATION PROGRAM REPORT

PROGRAM'S OVERALL RATING

TIER 3

GRADUATE PERFORMANCE

ABOUT THIS DOMAIN

The Graduate Performance domain scores the educator preparation program's performance in Delaware's classrooms and schools. The four metrics included consider the outcomes of program graduates' students, the qualitative aspects of program graduates' practice, and administrators' overall assessment of program graduates' performance.

DOMAIN RATING

Tier 2

DOMAIN POINTS EARNED

21.12 out of 35.00 points

METRICS	PROGRAM PERFORMANCE	METRIC POINTS EARNED
Student Improvement Component Ratings Reported here is the proportion of graduates that receive the highest possible rating on the Student Improvement Component of their evaluation, which is based on multiple measures of student growth in Delaware.	<p>49%</p> <p>0% 20% 70% 100%</p> <p>N = 94 Educators STATE AVERAGE: 47%</p>	8.12 out of 14.00 points
Student Growth Outcomes* Reported here is the average impact** of graduates on the growth of their students in English and/or math.	<p>0.01</p> <p>-1.0 -0.2 0.2 1.0</p> <p>N = 64 Educators STATE AVERAGE: 0.01</p>	2.76 out of 5.25 points
Observation Scores Reported here are the average observation scores earned by graduates.	<p>3.1</p> <p>1.0 2.7 3.3 4.0</p> <p>N = 85 Educators STATE AVERAGE: 3.07</p>	8.87 out of 14.00 points
Overall Performance Evaluation Ratings Reported here is the proportion of graduates that earn the highest possible rating ("Highly Effective") on their overall evaluation, consisting of observation scores and student growth measures.	<p>59%</p> <p>0% 20% 70% 100%</p> <p>N = 100 Educators STATE AVERAGE: 62%</p>	1.37 out of 1.75 points

*As measured on the Delaware Comprehensive Assessment System and Smarter Balanced Assessment in Math and English.

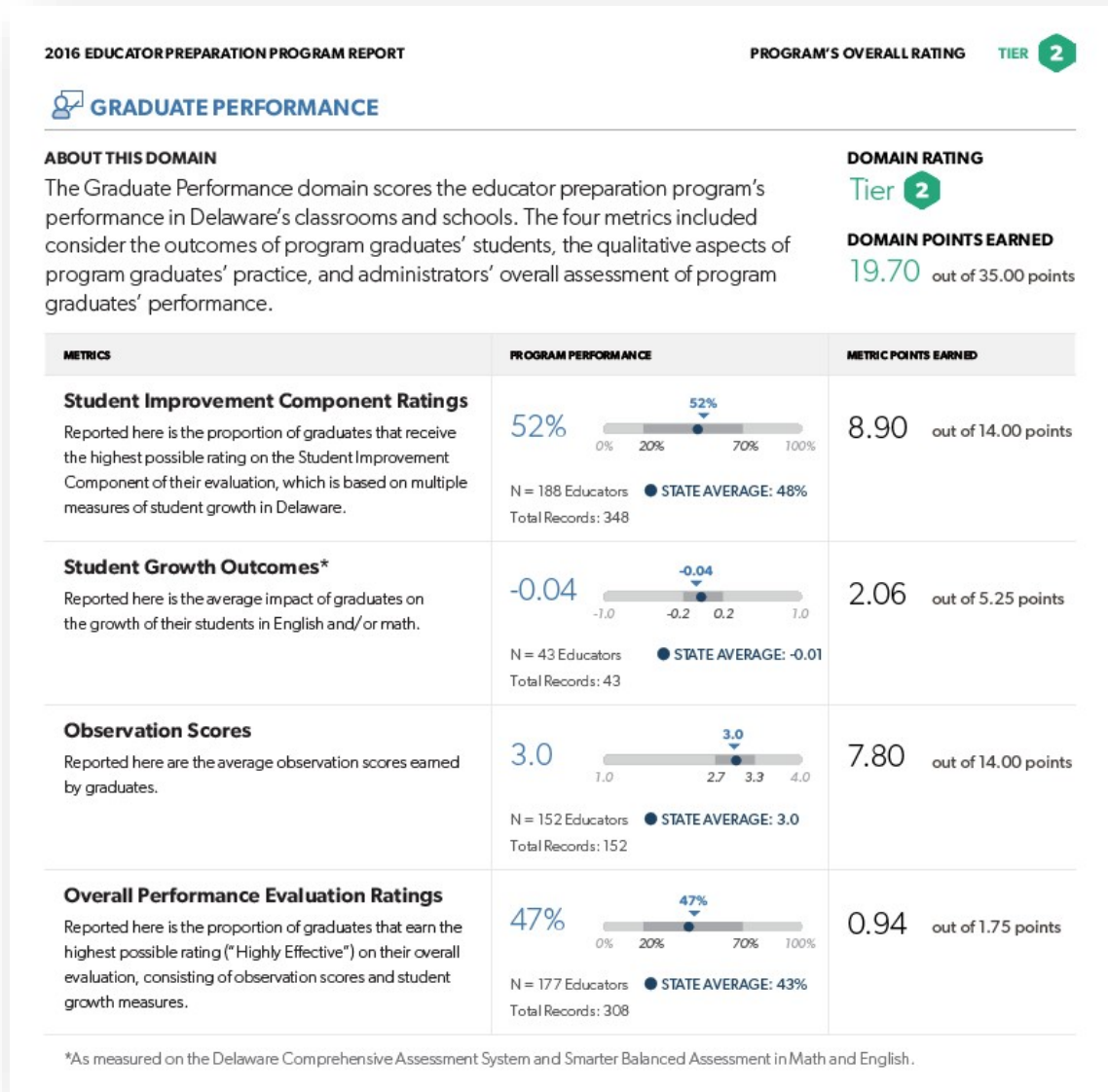
**This approach examined the relationship between teacher pathway and student outcomes, adjusting for relevant factors at various levels, prior student achievement, teachers' years of experience, school composition and student characteristics such as race, ethnicity, and Special Education status.

CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

2016 Ed. Prep. Scorecard Master of Education Elementary Studies - Graduate Performance

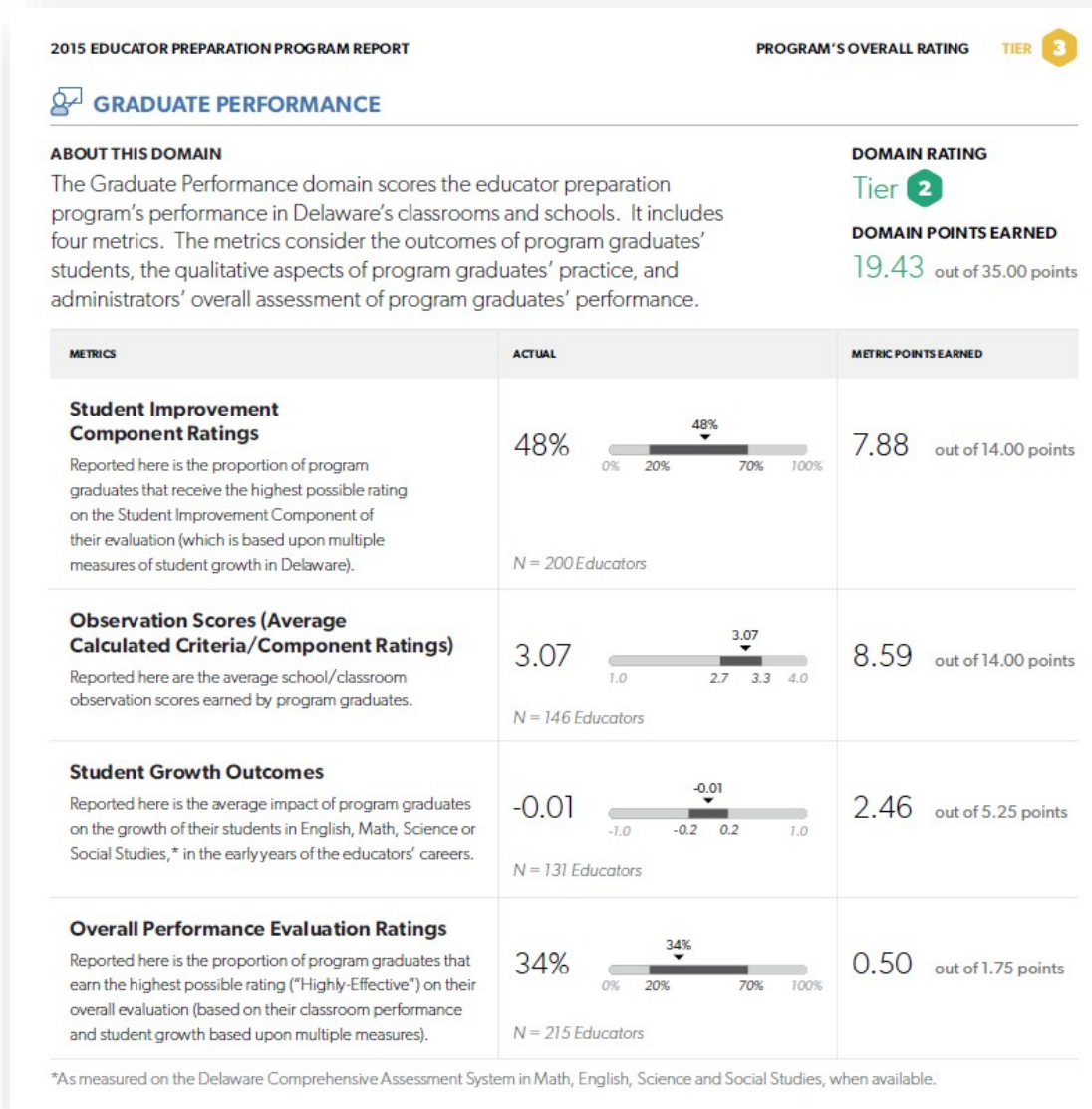


CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

2015 Ed. Prep. Scorecard Master of Education Elementary Studies - Graduate Performance



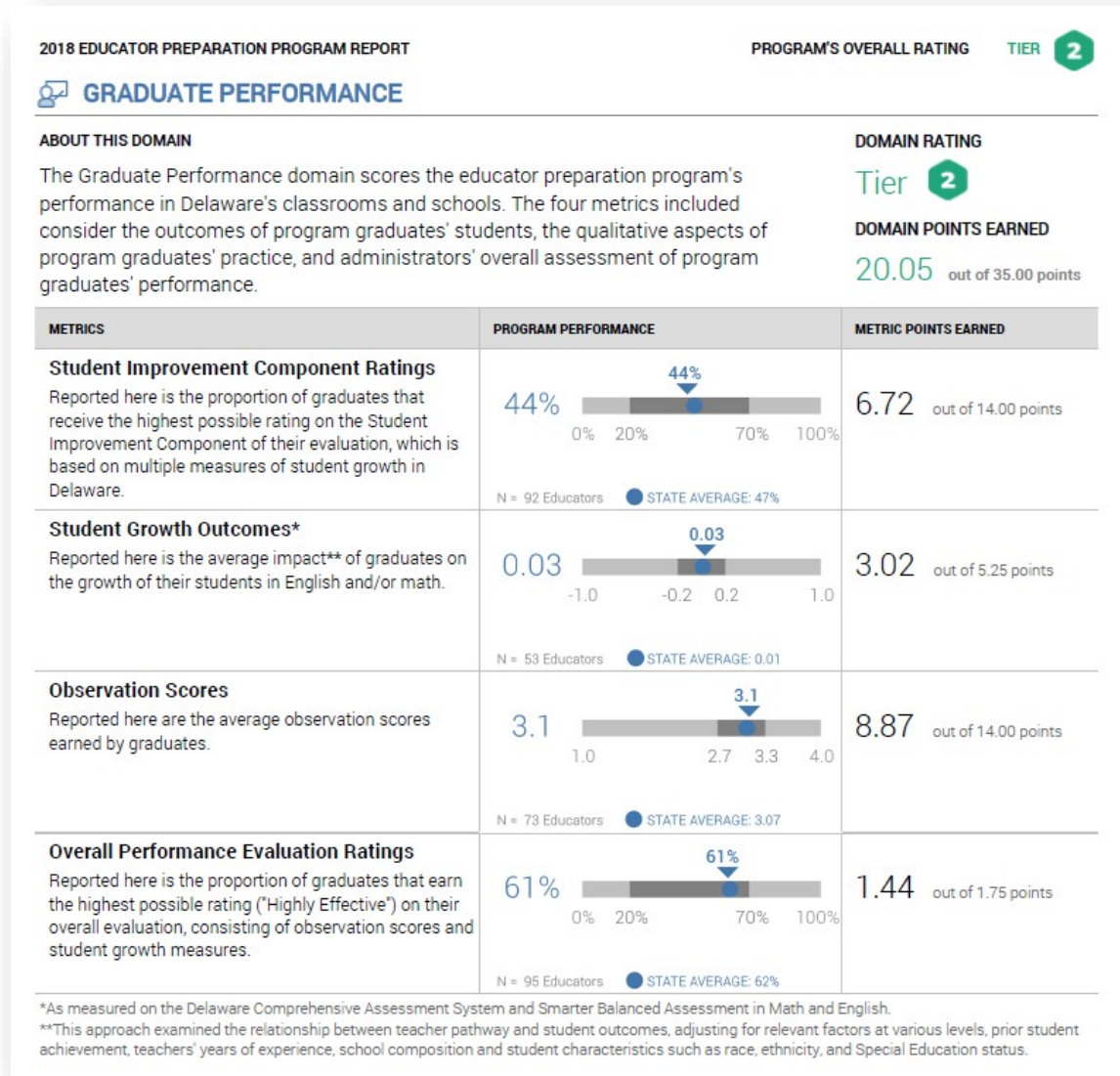
CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

Master of Education Special Education

2018 Ed. Prep. Scorecard Master of Education Special Education - Graduate Performance

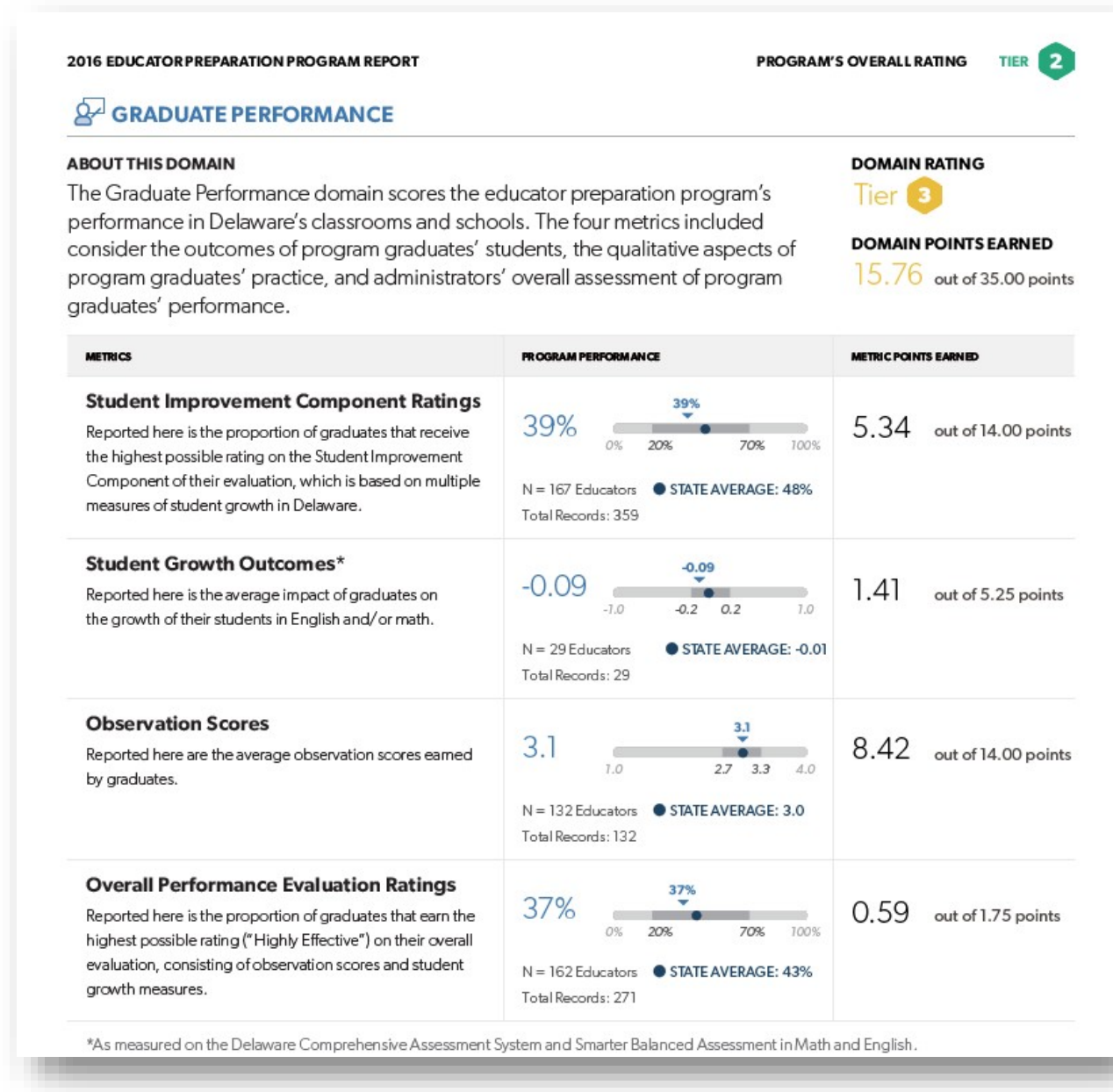


CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

2016 Ed. Prep. Scorecard Master of Education Special Education - Graduate Performance

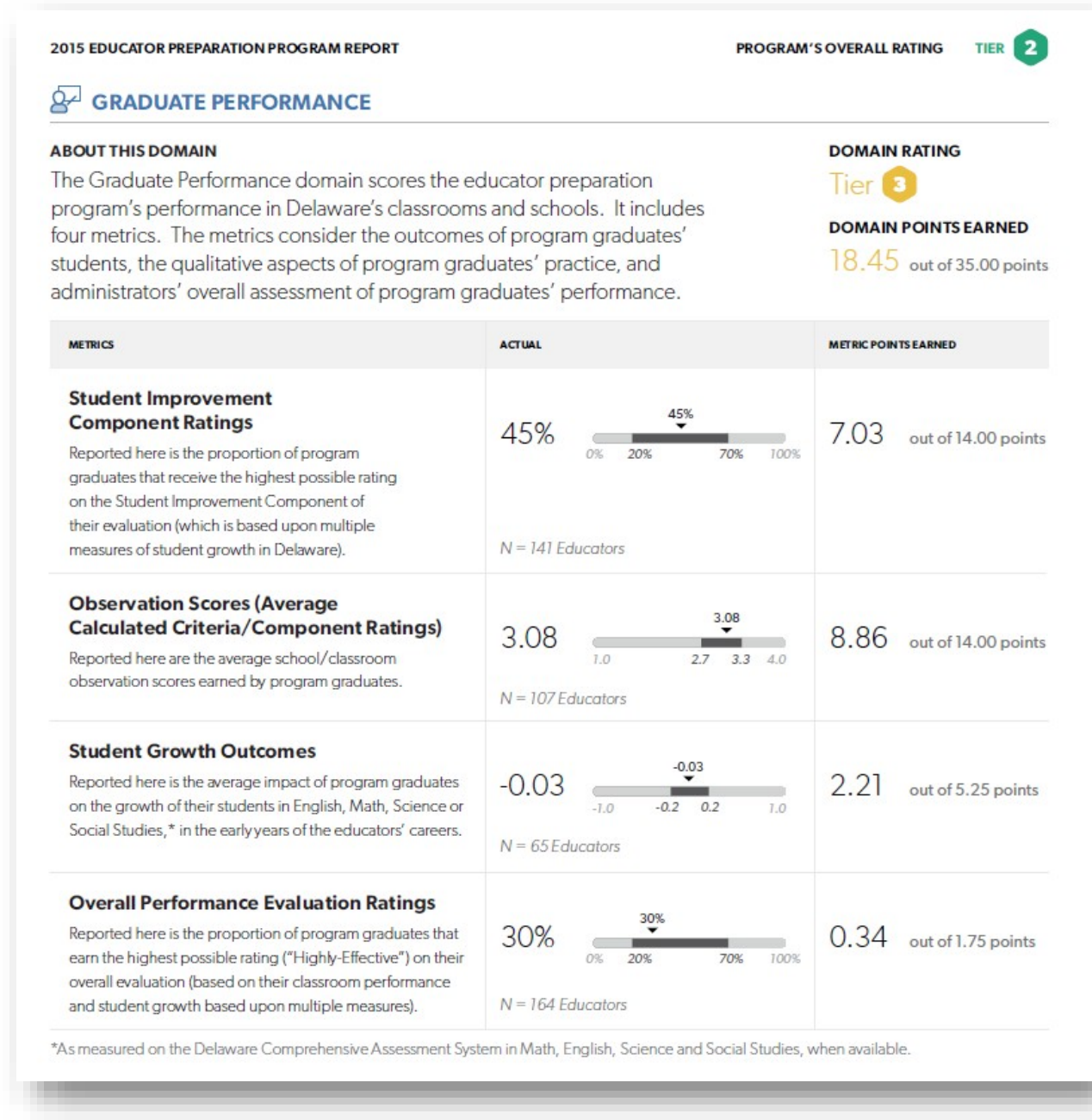


CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

2015 Ed. Prep. Scorecard Master of Education Special Education - Graduate Performance



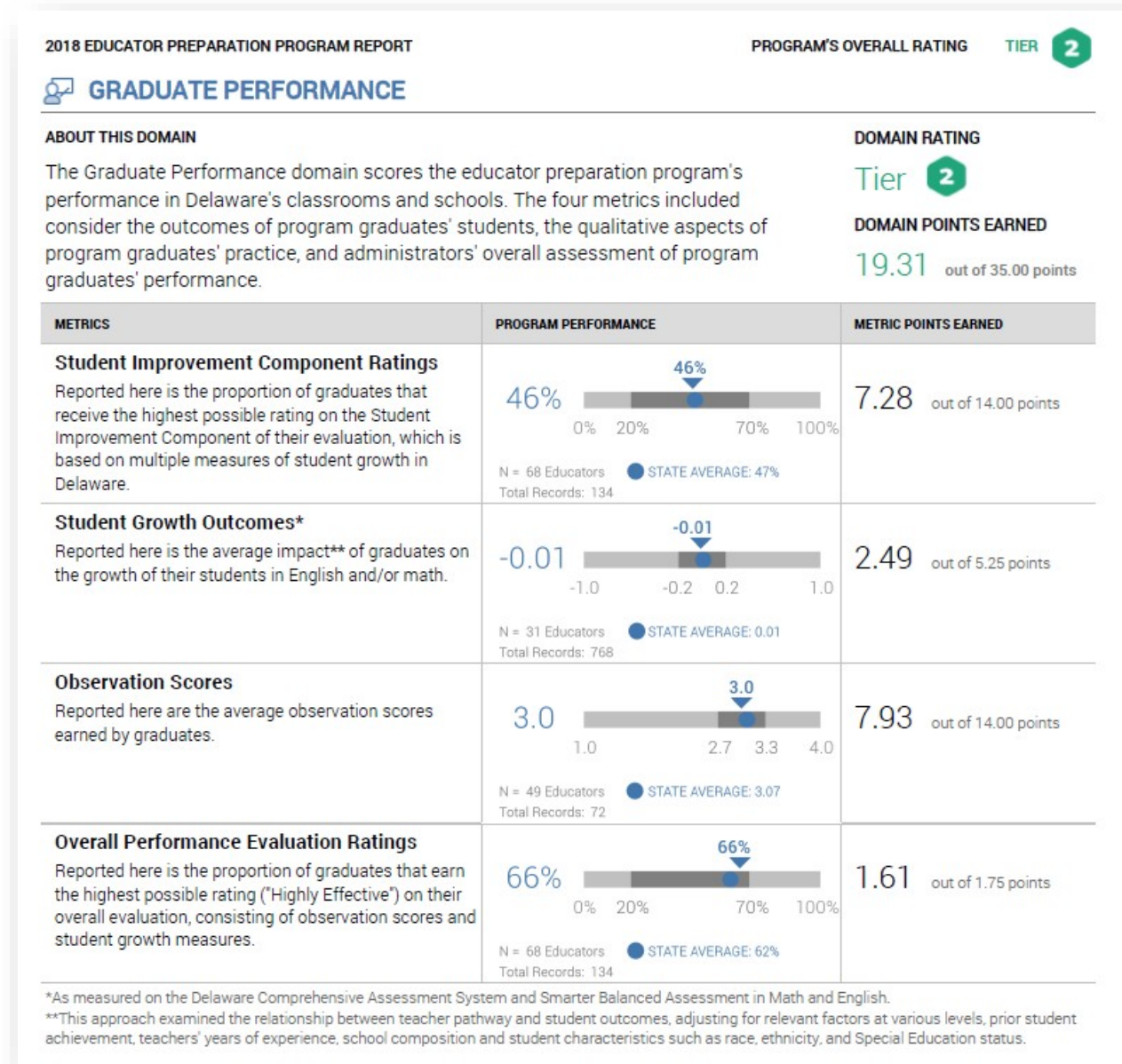
CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

Master of Arts in Teaching: Secondary Education

2018 Ed. Prep. Scorecard Master of Arts in Teaching: Secondary Education - Graduate Performance



CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

2016 Ed. Prep. Scorecard Master of Arts in Teaching: Secondary Education - Graduate Performance

2016 EDUCATOR PREPARATION PROGRAM REPORT

PROGRAM'S OVERALL RATING

TIER 2

GRADUATE PERFORMANCE

ABOUT THIS DOMAIN


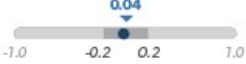


The Graduate Performance domain scores the educator preparation program's performance in Delaware's classrooms and schools. The four metrics included consider the outcomes of program graduates' students, the qualitative aspects of program graduates' practice, and administrators' overall assessment of program graduates' performance.

DOMAIN RATING

Tier 3

DOMAIN POINTS EARNED

18.18 out of 35.00 points

METRICS	PROGRAM PERFORMANCE	METRIC POINTS EARNED
Student Improvement Component Ratings Reported here is the proportion of graduates that receive the highest possible rating on the Student Improvement Component of their evaluation, which is based on multiple measures of student growth in Delaware.	47%  N = 124 Educators ● STATE AVERAGE: 48% Total Records: 242	7.50 out of 14.00 points
Student Growth Outcomes* Reported here is the average impact of graduates on the growth of their students in English and/or math.	0.04  N = 14 Educators ● STATE AVERAGE: -0.01 Total Records: 14	3.09 out of 5.25 points
Observation Scores Reported here are the average observation scores earned by graduates.	3.0  N = 88 Educators ● STATE AVERAGE: 3.0 Total Records: 88	6.82 out of 14.00 points
Overall Performance Evaluation Ratings Reported here is the proportion of graduates that earn the highest possible rating ("Highly Effective") on their overall evaluation, consisting of observation scores and student growth measures.	42%  N = 119 Educators ● STATE AVERAGE: 43% Total Records: 201	0.78 out of 1.75 points

*As measured on the Delaware Comprehensive Assessment System and Smarter Balanced Assessment in Math and English.

CAEP Annual Reporting Measures ITP

Measure 2: Indicators of Teaching Effectiveness

DE Educator Preparation Scorecards: Graduate Performance

2015 Ed. Prep. Scorecard Master of Arts in Teaching: Secondary Education - Graduate Performance

2015 EDUCATOR PREPARATION PROGRAM REPORT

PROGRAM'S OVERALL RATING

TIER 3

GRADUATE PERFORMANCE

ABOUT THIS DOMAIN

The Graduate Performance domain scores the educator preparation program's performance in Delaware's classrooms and schools. It includes four metrics. The metrics consider the outcomes of program graduates' students, the qualitative aspects of program graduates' practice, and administrators' overall assessment of program graduates' performance.

DOMAIN RATING

Tier 2

DOMAIN POINTS EARNED

19.73 out of 35.00 points

METRICS	ACTUAL	METRIC POINTS EARNED
Student Improvement Component Ratings Reported here is the proportion of program graduates that receive the highest possible rating on the Student Improvement Component of their evaluation (which is based upon multiple measures of student growth in Delaware).	49%  N = 96 Educators	8.05 out of 14.00 points
Observation Scores (Average Calculated Criteria/Component Ratings) Reported here are the average school/classroom observation scores earned by program graduates.	3.08  N = 78 Educators	8.78 out of 14.00 points
Student Growth Outcomes Reported here is the average impact of program graduates on the growth of their students in English, Math, Science or Social Studies,* in the early years of the educators' careers.	-0.02  N = 74 Educators	2.33 out of 5.25 points
Overall Performance Evaluation Ratings Reported here is the proportion of program graduates that earn the highest possible rating ("Highly-Effective") on their overall evaluation (based on their classroom performance and student growth based upon multiple measures).	36%  N = 108 Educators	0.58 out of 1.75 points

*As measured on the Delaware Comprehensive Assessment System in Math, English, Science and Social Studies, when available.