

# Educator Preparation Provider (EPP) Dashboard- Report Notes

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## Overview

This report was created in accordance with [Public Act 15-243 An Act Concerning Teacher Preparation Program Efficacy](#) and includes data on Educator Preparation Providers (EPP) in Connecticut. Metrics include the total number of candidates, number of completers, number of completers certified within one year, pass rates on licensure examinations, and employment in Connecticut public schools. Detailed information on metrics are outlined in [Appendix A](#) and also included in the descriptions under [How to Use this Report](#).

## How to Use this Report

This report contains **seven pages**: [Candidates](#), [Completers](#), [Certification](#), [Assessment](#), [Employment](#), [Persistence](#), and [Data](#). Each page contains statewide data and data disaggregated by EPP for the associated metric. Charts are limited to data for the most recent five years.

[Candidates](#)   [Completers](#)   [Certification](#)   [Assessment](#)   [Employment](#)   [Persistence](#)   [Data](#)

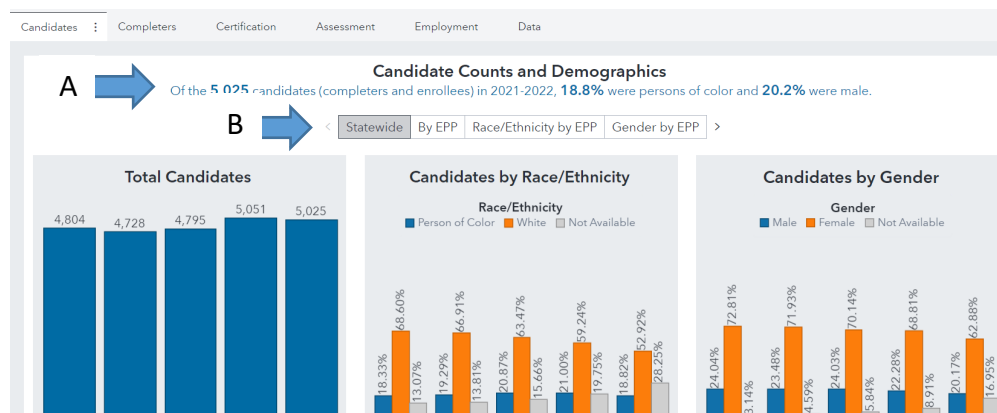
When possible, data are disaggregated by Race/Ethnicity and Gender in the charts. For some metrics, this level of disaggregation is problematic because of the number of data points and resulting display in the chart. **Users can examine and export additional years of data and disaggregations using the [Data](#) tab.** Filters are also provided to the right of many charts to allow for selection of a subset of EPPs or assessments for better viewing. Some examples and screenshots of this functionality are included below.

### Candidates

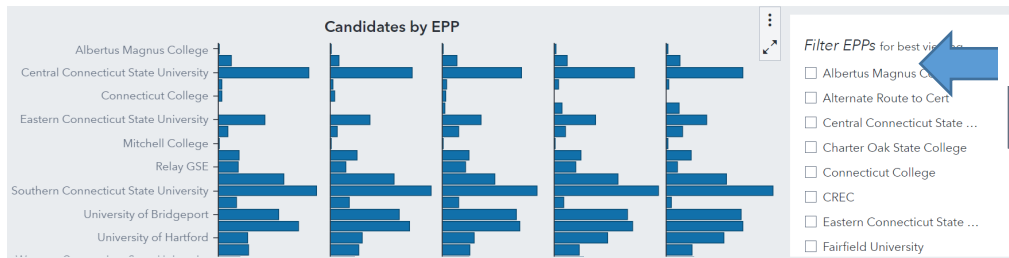
The **Candidates** page provides counts of total candidates. **Candidates** include both **completers** (candidates who completed all program requirements excluding licensure testing) and **enrollees** (candidates who are still enrolled but have not completed the program) as reported by the EPP in the Educational Testing Service (ETS)/Title II database for the five most recent years.

At the top of the page, there is text that provides the total number of candidates in the most recent reporting year as well as the percentage of those candidates that were persons of color and male (A).

Below this text are four tabs (B): Statewide, By EPP, Race/Ethnicity by EPP, and Gender by EPP. These tabs contain charts that provide a look at the data disaggregated by Race/Ethnicity, Gender, and EPP. Hover over the chart bars to see additional information and associated counts.



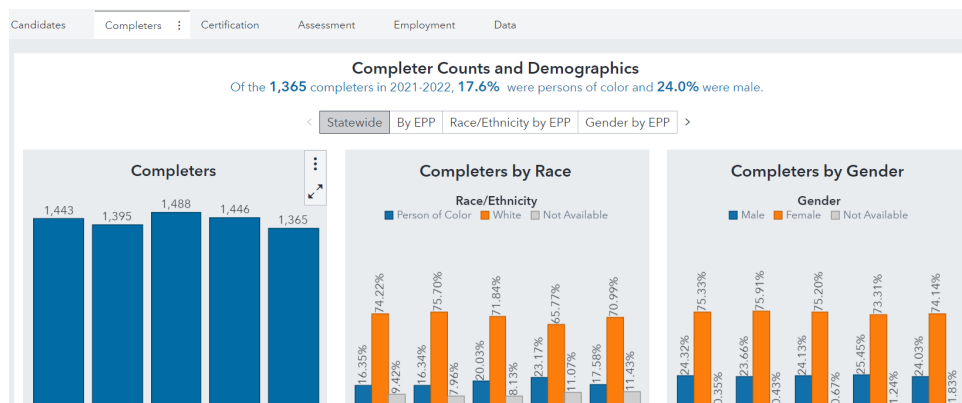
On tabs that provide data by EPP (By EPP, Race/Ethnicity by EPP, and Gender by EPP), users can filter the EPPs shown in the chart by using the checkboxes at the right of the page (C).



## Completers

The **Completers** page provides counts of program completers (candidates who completed all program requirements excluding licensure testing) as reported by the EPP in the Educational Testing Service (ETS)/Title II database for the five most recent years.

Much of the same functionality can be seen that was described under the [Candidates](#) section including explanatory text, tabs, charts, and checkboxes for filtering where available.

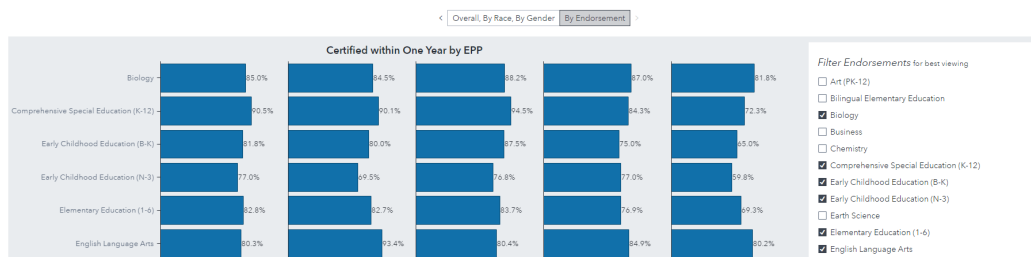


## Certification

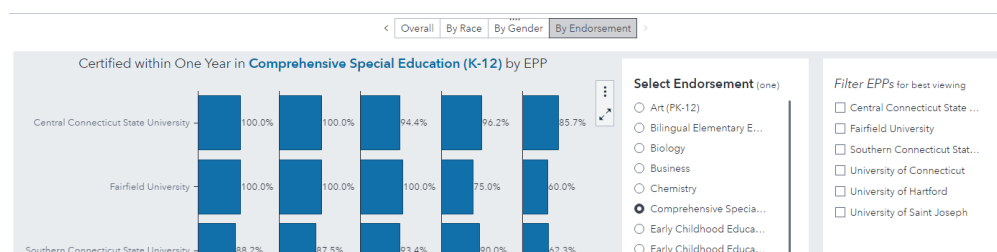
The **Certification** page provides the percentage of completers certified within one year of program completion (by August 31<sup>st</sup>) for the most recent five years.

Much of the same functionality can be seen that was described under the [Candidates](#) section including explanatory text, tabs, charts, and checkboxes for filtering where available.

On the Statewide > By Endorsement page, users can **select a subset of endorsements** for best viewing by using the check boxes to the right of the chart. The default view shows the most frequently pursued endorsements.



On the By EPP > By Endorsement page, **users must select one endorsement** and may wish to filter EPPs for best viewing using the radio buttons and check boxes to the right of the chart.



## Assessment

The **Assessment** page provides data on licensure assessment **best pass rates**. When examining best pass rates, it is important to note that a candidate may have taken an assessment multiple times but only their best result is included. Additionally, only completers who attempted licensure testing in an appropriate subject area (for their program/endorsement) are included. For confidentiality, licensure assessment pass rates are suppressed (not shown) when the unique count of candidates who attempted the assessment is less than ten. This is in alignment with United States Department of Education (USED) practice.

Much of the same functionality can be seen that was described under the [Candidates](#) section including explanatory text, tabs, charts, and checkboxes for filtering where available.

When viewing **overall results** (Statewide Overall, EPP Overall), a completer attempting licensure testing may be counted multiple times at the state or EPP level, once for each unique assessment they attempted. On these tabs, the unduplicated number of completers attempting licensure testing is also provided to aid in interpretation. When viewing **results by assessment**, each completer who attempted licensure testing is counted only once under each test they took. An example is provided below. In order to provide the most

## Example

In this example, two completers took a total of five tests. Completer #1 took the Connecticut Foundations of Reading Test twice. The best result (best score) is flagged for each completer/test combination. The failure for Completer #1 on Connecticut Foundations of Reading is not included in the calculation as it is not this candidate's best result for this test.

Completer	Test	Result	Best Result
Completer #1	Connecticut Foundations of Reading Test	Fail	
Completer #1	Connecticut Foundations of Reading Test	Pass	√
Completer #1	Praxis II Special Education	Pass	√
Completer #2	Connecticut Foundations of Reading Test	Fail	√
Completer #2	Praxis II Special Education	Pass	√

**Overall Best Pass Rate = 3/4 = 75%**

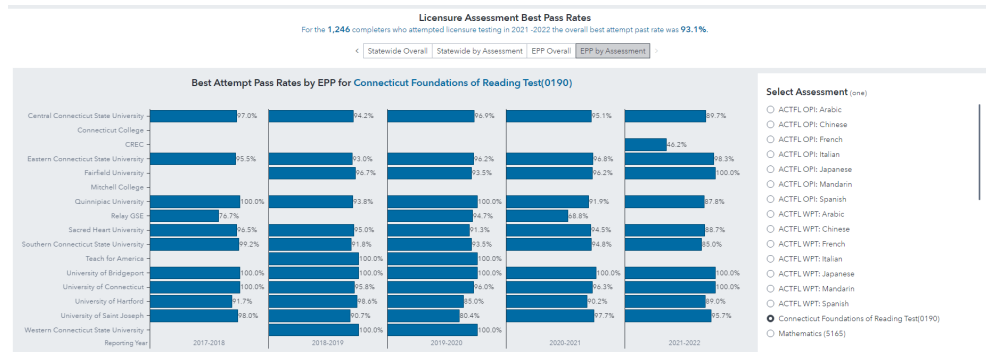
**Foundations of Reading Best Pass Rate = 1/2 = 50%**

**Praxis II Special Education Best Pass Rate = 2/2 = 100%**

When viewing statewide results by assessment (Statewide by Assessment), users may wish to filter assessments for best viewing using the checkboxes to the right of the chart. The default view shows the most frequently taken assessments.

When viewing overall results by EPP (EPP Overall), users may wish to filter EPPs for best viewing using the checkboxes to the right of the chart.

When viewing results by EPP by assessment (EPP by Assessment), **users must select a single assessment.**



## Employment and Persistence

The **Employment** page provides data on employment in the first year after program completion. It also provides data on employment in hard to staff/high needs districts in the first year. This is defined as employment in an [Alliance](#) district. The denominator for the first-year calculation is the number of completers in the reporting year.

The **Persistence** page provides data on employment in the second and fourth years after program completion. The denominator for the second and fourth years is the number of completers employed in the first year. Definitions of all employment and persistence metrics and an example are provided below.

**Employed in the first year:** Of all *program completers*, those that were employed in the first year after program completion in a Connecticut school (including Approved Private Special Education Programs (APSEPs)).

**Employed in the first year – High Needs District** Of all *program completers*, those that were employed in the first year after program completion in an [Alliance](#) district.

**Employed in the second year:** Of all *candidates employed in the first year after program completion*, those that were employed in the *second* year after program completion in a Connecticut school (including Approved Private Special Education Programs (APSEPs)).

**Employed in the fourth year:** Of all *candidates employed in the first year after program completion*, those that were employed in the *fourth* year after program completion in a Connecticut school (including Approved Private Special Education Programs (APSEPs)).

### Example

In this example there are four completers. Three are employed in Year 1, two are employed in Year 2, and one is employed in Year 4.

Completer	Employed in Year 1	Employed in Year 2	Employed in Year 4
Completer #1	√	√	√
Completer #2	√	√	
Completer #3			
Completer #4	√		

Employed in **Year 1** =  $3/4 = 75\%$

Employed in **Year 2** =  $2/3 = 67\%$

Employed in **Year 4** =  $1/3 = 33\%$

### Data

The **Data** page allows users to generate and export custom data sets. Filters allow users to select years, view state- or EPP-level data, filter EPPs, disaggregate by up to two groups (endorsement, EPP Type, gender, race/ethnicity), and filter by the values in those groups. Columns in the table can be sorted by clicking on a column heading. Users can sort by multiple columns by holding the Ctrl button on their keyboard while clicking on column headings. **Hover over the bottom of the table to display scroll bar.**

There are two tabs on the data page, Overall and By Test. The Overall tab provides all metrics within this dashboard including the overall best pass rate. The By Test tab provides best pass rates by test. Click “EXPORT TO EXCEL” to export the table as displayed on the page.

Candidates

Completers

Certification

Assessment

Employment

Data

1

Filter Years

Select Level

Filter EPPs

Select Group 1

Filter Group 1

Select Group 2

Filter Group 2

Years ▾

State ▾

EPPs ▾

Select Group ▾

Group 1 Values ▾

Select Group ▾

Group 2 Values ▾

< Overall

By Test

>

Reporting Year ▾	Level	Selected Group 1	Group 1 Values ▾	Selected Group 2	Group 2 Values ▾	Candidate Count	Completer Count	Certified within a Year Count	EXPORT TO EXCEL
2021-2022	State of Connecticut					5,025	1,365	989	
2020-2021	State of Connecticut					5,051	1,446	1,161	
2019-2020	State of Connecticut					4,795	1,488	1,258	
2018-2019	State of Connecticut					4,728	1,395	1,172	
2017-2018	State of Connecticut					4,804	1,443	1,188	
2016-2017	State of Connecticut					4,524	1,501	1,271	
2015-2016	State of Connecticut					4,418	1,379	1,217	
2014-2015	State of Connecticut					4,801	1,488	1,248	
2013-2014	State of Connecticut					4,628	1,659	1,357	

### Inclusion/Exclusion and Suppression Rules

For confidentiality, licensure assessment pass rates are suppressed when the count of candidates who attempted the assessment is less than ten. This is in alignment with United States Department of Education (USED) practice.

### Sources and Update Schedule

**Multiple data sources** contribute to this report including the Educational Testing Service (ETS)/Title II database, CSDE Connecticut Educator Certification System (CECS) database and the CSDE Educator Data System (EDS). Additional information on integration of sources can be found in [Appendix B](#).

The data and report will be updated **on or before July 1 of each year**. With this first update, data will be considered final for candidate and completer counts and demographics. All other indicator data, including certification, assessment, employment, and persistence will be considered preliminary and will be updated **after August 31<sup>st</sup>** of the year to remain consistent with provided definitions.

Both gender and race/ethnicity are updated with each run of the data outlined above. Therefore, gender and race/ethnicity values represent the most currently available data reported by a candidate. Users may notice slight changes in gender and race/ethnicity disaggregations with new runs of data.

## Terms/Definitions

Term	Definition
Reporting Year	The year in which a candidate was reported by their Educator Preparation Provider (EPP) in the Educational Testing Service (ETS)/Title II database. Format is yyyy-yyyy.
Educator Preparation Provider (EPP) <sup>1</sup>	EPPs include colleges offering traditional teacher training programs as well as “alternate route to certification” programs. See the <a href="#">Connecticut Department of Education (CSDE) EPP webpage</a> for additional information on EPPs.
Endorsement <sup>1</sup>	The subject area/grade in which the candidate is preparing to become certified. See the <a href="#">CSDE Endorsements webpage</a> for additional information on endorsements.
Educator Preparation Provider (EPP) <sup>1</sup> Type (Traditional/Alternate)	Traditional programs are offered at colleges and universities. Alternate routes to certification are non-credit bearing and do not lead to a degree. Traditional programs and alternate programs are approved by the Connecticut State Board of Education.
Race/Ethnicity	Eight Race/Ethnicity Categories: American Indian or Alaska Native, Asian, Black or African American, Hispanic or Latino of any race, Native Hawaiian or Other Pacific Islander, Two or More Races, White, and Not Available. <i>Race/Ethnicity represents the most current race/ethnicity reported by a candidate and is updated for all years with each new run of data.</i>
Gender	Three Gender Categories: Male, Female, and Not Available. <i>Gender represents the most current gender reported by a candidate and is updated for all years with each new run of data.</i>
Candidates	Program completers and enrollees.
Completers	Individuals who have completed all EPP program requirements, including edTPA, but not including licensure testing, as reported by the EPP.
Enrollees	Individuals who are still enrolled in an EPP program but have not completed all EPP program requirements, as reported by the EPP.
Certified within a year	Completers who attained a Connecticut teaching certificate within one year of program completion (August 31 <sup>st</sup> of the following year).
Best Pass Rate	Of all program completers who attempted licensure testing, the percent who had <i>any</i> test score in the appropriate subject area assessment that was a passing score.
Employed in the first year	Completers employed in any Connecticut public school, including approved private special education programs, within one year after program completion.
Employed <sup>3</sup> in the first year – high needs district	Completers employed in any Connecticut public school in a high needs ( <a href="#">Alliance</a> ) district.
Employed <sup>3</sup> in the second year	Of those program completers employed in the first year, those employed in the 2 <sup>nd</sup> year after program completion (by June 30 <sup>th</sup> of the following year).

Term	Definition
Employed <sup>3</sup> in the fourth year	Of those program completers employed in the first year, those employed in the 4 <sup>th</sup> year after program completion (by June 30 <sup>th</sup> of the following year).

<sup>1</sup> See the [CSDE EPP webpage](#) for additional information on EPPs/Programs.

<sup>2</sup> See [Appendix A](#) for more information on metrics, including availability and calculation.

<sup>3</sup> Employed in **CONNECTICUT** public schools, including approved private special education programs ONLY.

## Data Contact

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(860) 713-6841



## Appendix A - Educator Preparation Provider (EPP) Dashboard Metrics

Based on EPAC<sup>1</sup>, CAEP<sup>2</sup> and Statutory Reporting Requirements<sup>3</sup>

Dashboard Metrics <sup>4</sup>	Definition	Calculation
<b>Candidates</b>	Candidates are both program completers and enrollees (those who are still enrolled but have not completed the program).	Candidate numbers are derived from the ETS/Title II database after the database “freeze” deadline of <u>April 15</u> (February 28 for EPPs).
<b>Program Completers</b>	Program completers are individuals who have completed all EPP program requirements, including edTPA, for the reporting year, but <u>not including licensure testing</u> , as reported by the EPP.	Program completer numbers are derived from the ETS/Title II database after the database “freeze” deadline of <u>April 15</u> (February 28 for EPPs).
<b>Certification Issuance Rates</b>	Number and percentage of program completers in a reporting year that attained a Connecticut teaching certificate within one year of program completion.	Of all program completers in the reporting year (denominator), the number (and percentage) who attained a Connecticut teaching certificate within one year of program completion (by August 31 of the year after program completion) (numerator).
<b>Licensure Assessment Best Pass Rates</b>	Best attempt pass rate for program completers in a reporting year who attempted licensure testing for these tests: Praxis II, Foundations of Reading Test, Early Childhood Test, ACTFL OPI and WPT Tests.	Of all program completers in the reporting year who attempted licensure testing (denominator), the number (and percentage) who had any test score in the appropriate subject area assessment that was a passing score (best attempt) (numerator). This calculation will include all tests from the very first attempt.
<b>Employment Rates (Year 1)</b>	Number and percentage of program completers in a reporting year employed in any Connecticut public school, including approved private special education programs, within one year after program completion.	Of all program completers in the reporting year (denominator), the number (and percentage) who were employed in any Connecticut public school, including approved private special education programs, within one year after program completion (by June 30 <sup>th</sup> of the year after completion) (numerator).

<sup>1</sup> Educator Preparation Advisory Council. Established by the State Board of Education (SBE) on March 7, 2012, to advise the SBE on the transformation of Connecticut’s system for the approval and oversight of educator preparation provider (EPP) programs.

<sup>2</sup> Council for the Accreditation of Educator Preparation.

<sup>3</sup> C.G.S. 10-146h.

<sup>4</sup> For all metrics, analyses can be grouped by EPP Type (traditional or alternate route to certification), EPP, and EPP program, and disaggregated by race/ethnicity or gender.

Dashboard Metrics <sup>4</sup>	Definition	Calculation
<b>Employment Rates, Hard to Staff Schools</b> (Year 1)	Number and percentage of program completers in a reporting year employed in a public school in high need (Alliance) districts.	Of all program completers in a reporting year (denominator) the number (and percentage) who were employed in a Connecticut public school in a high needs district within one year after program completion (by June 30 <sup>th</sup> of the year after completion) (numerator). This calculation will not include placement in approved private special education programs.
<b>Persistence Rates</b> (Years 2 and 4)	Number and percentage of program completers in a reporting year in the field in the 2 <sup>nd</sup> and 4 <sup>th</sup> year of teaching or serving in a school leadership, administration or special service position in Connecticut.	Of those program completers employed in any Connecticut public school, including approved private special education programs, (denominator is the number of completers employed in year one) within one year after program completion, the number (and percentage) employed the 2 <sup>nd</sup> and 4 <sup>th</sup> years after program completion (by June 30 of the 2 <sup>nd</sup> and 4 <sup>th</sup> years after completion) (numerator).

<sup>1</sup> Educator Preparation Advisory Council. Established by the State Board of Education (SBE) on March 7, 2012, to advise the SBE on the transformation of Connecticut's system for the approval and oversight of educator preparation provider (EPP) programs.

<sup>2</sup> Council for the Accreditation of Educator Preparation.

<sup>3</sup> C.G.S. 10-146h.

<sup>4</sup> For all metrics, analyses can be grouped by EPP Type (traditional or alternate route to certification), EPP, and EPP program, and disaggregated by race/ethnicity or gender.

Appendix B - Educator Preparation Provider (EPP) Dashboard Conceptual Model

A. EPP DATA DASHBOARD DATA FLOW/LOGIC/ANALYSIS GROUPS

**STEP 1.** Candidate level data by EPP is provided to the Connecticut State Department of Education (CSDE) from the Educational Testing Service (ETS)/Title II database. These data include program completers and still enrolled candidates. **“Program completer” is defined as a candidate who has completed ALL EPP program requirements, NOT INCLUDING LICENSURE TESTING.** This data transfer occurs once each year after the April 15 ETS/Title II freeze.

**STEP 2.** The ETS/Title II datafile is merged with the CSDE Connecticut Educator Certification System (CECS) database. Individuals are first matched on SSN (used in both the ETS/Title II and CECS databases) and then with Educator Identification Number (EIN) (CECS only). A sophisticated data matching process is completed to ensure name changes or typos do not result in mismatches. This process results in a database with the ETS/Title II individuals for a given target year sorted into three categories:

- (1) PROGRAM COMPLETERS** that are matched in the CECS database by EIN. These individuals can be program completers with CECS testing data (as matched by EIN in CECS), with both pass and fail attempts (including all testing attempts) and individuals with no test data (e.g., created an account in CECS while still enrolled in an EPP program and have an EIN but have no testing data for the target year for whatever reason).

**(2) PROGRAM COMPLETERS** that cannot be matched in the CECS database by EIN (e.g., never registered in CECS).

**(3) STILL ENROLLED CANDIDATES** that are mostly unable to be matched in the CECS database unless candidates attempted licensure testing before program completion OR created an account in CECS (Not an issue, as still enrolled candidates are not included in most dashboard metrics).

**Step 3.** The reconciled ETS/Title II/CECS datafile is next merged with the CSDE Educator Data System (EDS) database using EIN and prepared for dashboard display through SAS data integration relative to the dashboard metrics.

The data and report will be updated **on or before July 1 of each year**. With this first update, data will be considered final for candidate and completer counts and demographics. All other indicator data, including certification, assessment, employment, and persistence will be considered preliminary and will be **updated again after August 31st** of the year to remain consistent with provided definitions.

B. EPP DATA DASHBOARD METRICS

**(1) Program candidate and completer counts and based on PROGRAM COMPLETER and STILL ENROLLED data (by EPP, race and gender)**

**Metrics 2-6 apply to PROGRAM COMPLETER DATA ONLY (by EPP, race and gender):**

- (2) Certification issuance rates
- (3) Best attempt pass rates for licensure assessments
- (4) Number/percentage of program completers employed in Connecticut schools.
- (5) Number/percentage of program completers employed in Connecticut hard to staff or high-need schools (Alliance Districts)
- (6) Persistence rate: Program completer years in the field in the 2<sup>nd</sup> and 4<sup>th</sup> year of teaching or serving in a school leadership, administration, or special service position.