Student Data & Outcomes

INTRODUCTION

Outcome-focused accountability is one of the eight priorities in the PrepareRI Action Plan. With that in mind, PrepareRI assembled data on a number of student outcomes related to PrepareRI’s work. This is the first year of collecting and reporting these indicators, so it represents PrepareRI’s baseline. PrepareRI will continue publishing this information annually, to ensure PrepareRI is progressing towards its ambitious goals for Rhode Island’s young people.

This information represents the most recent data available. For more details, including additional graphs and downloadable files, please visit prepare-ri.org/data.

**PATHWAY ACCESS**

36%

36% (51,109/142,949) of K-12 students have access to career pathway programs in one of the GWB priority sectors.

**PATHWAY PARTICIPATION**

13%

13% (2,780/20,779) of students who participated in career pathways programming during their time in middle or high school.

**POST-SECONDARY CREDITS**

27%

27% (2,695/9,936) of the 2014 9th grade cohort who had earned a college credit from a public university in Rhode Island.

**DIPLOMA PLUS**

6%

6% (611/9,963) of the 2014 9th grade cohort earned an industry-recognized credential in a priority sector.

**COLLEGE ENROLLMENT AND EMPLOYMENT**

81% 65%

81% (7,783/9,621) of the class of 2016 were enrolled in college or employed in a priority sector within 12 months of graduation.

65% (6,253/9,621) of the class of 2016 enrolled in college within 12 months of graduation.

50% 50%

50% (4,818/9,621) of students were employed in a priority sector in Rhode Island within 12 months of graduation.

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1. Governor’s Workforce Board (GWB) priority sectors are also known as “high-wage, high-demand” or “high-skill, high-demand” sectors.

2. The “2014 9th grade cohort” refers to the group students who started 9th grade during the 2013-14 school year. If they finished high school in four years, these students would have graduated in 2017. This cohort is the most recent 9th grade cohort that would be expected to graduate by the time of this report’s publishing.

3. DLT data only report people working in the state of Rhode Island and do not include military jobs, federal government jobs, and jobs with the limited number of private employers that do not participate in the Unemployment Insurance System. Students must also show up in another dataset, such as DMV or Rhode Island public higher education to be identified in the DLT data.
**ENROLLMENT DATA**

Percent of Students Enrolled in College Within 12 Months of Graduation, Class of 2016

**EMPLOYMENT DATA**

Percent of Students Employed in Priority Sectors Within 12 Months of Graduation, Class of 2016

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**Employer Engagement**

PrepareRI has cultivated 18 industry partners to support and advance high-quality career pathway opportunities for all Rhode Island students.
27% (2,695/9,936) of students in the 2014 9th grade cohort earned college credit from one of Rhode Island’s public universities in their junior or senior year of high school.

There were, however, significant disparities in which student groups earned college credit.

The graph above measures the difference between a group’s proportion in the general population and their proportion among college credit earners. For example, women earned 59% of college credits in the state, but only comprised 49% of the population; therefore, they were overrepresented by 10% (59% - 49% = 10%). On the other end of the spectrum, students with disabilities or from low-income backgrounds are significantly underrepresented among credit-earners.

6% (611/9,963) of students in the 2014 9th grade cohort received an industry-recognized credential in a priority sector. The figure for the previous year’s cohort was also 6% (666/11,122).
COLLEGE DEGREES EARNED IN PRIORITY SECTORS

CREDIT AND COURSES IN PRIORITY SECTORS

86% (329,979/382,033) of credits awarded at RIC and CCRI were in priority sectors.\(^4\) 86%

COURSES OFFERED IN PRIORITY SECTORS

CCRI - 2016-17 - 93%
RIC - 2016-17 - 91%
URI - 2015-14 - 77%

COMPUTER SCIENCE FOR RHODE ISLAND (CS4RI)

505%

The number of AP computer science exams taken in Rhode Island increased by 505% from 2015 to 2017.

4. URI's data for 2016-17 was unavailable
**Work-Based Learning**

In 2018, PrepareRI began rolling out a number of work-based learning programs and tools, including the launch of the PrepareRI Internship program. Building off of summer youth employment investments, the GWB is also funding a new "Real Skills for Youth" program to provide paid work-based learning and year-round career readiness programming. Data on these initiatives will be available starting summer 2018.

**Career & Technical Education**

155 approved CTE programs operated in Rhode Island during the 2016-17 school year. This is a 17% increase over the prior year.

83% of reporting CTE programs were in priority sectors during the 2016-17 school year.

**CTE ACCESS**

100% of high school students have access to CTE programming in a priority sector. Rhode Island allows students to enroll in any CTE program in the state. 16% (7,036/43,294) of high school students have access to a trained priority sector CTE teacher in their building.
Overall, 28% (2,780/9,936) of the 2014 9th grade cohort participated in a CTE program. This is up from 24% (2645/11,122) from the members of the previous year’s cohort. However, data collections from prior years maybe not be comparable to current data, due to improvement in data quality.

**CTE PARTICIPATION AND COMPLETION**

RIDE data show that students’ biggest obstacle to completing a CTE pathway in a priority sector is taking the first class: only 22% of students became CTE participants in priority sectors. Of the students who became participants, though, fully 77% continued on to become concentrators or completers, with roughly equal numbers falling into these two categories.

These graphs reveal some interesting trends not evident elsewhere. Specifically, traditionally underserved student groups—such as black, Hispanic, or low-income students—complete CTE programs at higher rates than white or Asian students.
Counseling and Career Exploration

7% of PK-8 students have access to an educator trained in priority sector career exploration. These educators are found in 13 schools across 13 districts or local education agencies.

INDIVIDUAL LEARNING PLANS

26% of grade 6-12 students in the 2017 SurveyWorks survey said their Individual Learning Plan was either "extremely" or "quite" useful.
**Aligned Funding**

Fiscal year 2016 is the most recent year for which Rhode Island workforce funding data is available. Since that pre-dates PrepareRI, none of the FY16 funding was allocated according to PrepareRI’s definition of quality. The following table outlines the total eligible funding that year.

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount (FY16)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Youth Workforce Funding</td>
<td>$1,500,00</td>
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<tr>
<td>Youth Centers</td>
<td>$500,000</td>
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<tr>
<td>Work Immersion</td>
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<td>CTE Pilots</td>
<td>$52,275</td>
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<tr>
<td>CTE Categorical</td>
<td>$3,500,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$6,439,837</strong></td>
</tr>
</tbody>
</table>

**Outreach and Professional Learning**

66% (43/65) of districts had at least one teacher attend a PrepareRI professional learning event in 2017. Such events included the PrepareRI Fall Summit or a Project Lead the Way training.

6. The above graph counts the number of “attendances” at PrepareRI professional learning events. An “attendance” is an instance of a teacher attending a PD; for example, a district with two attendances could have one teacher attend two events, or two teachers attend one event.
**PrepareRI Goals**  
(for the year ahead)

### Diploma Plus
- Create a centralized platform for students to view course information for all dual enrollment, concurrent enrollment, Advanced Course Network, and CTE course options available in the state.
- OPC and RIDE will partner to expand the number of courses and programs that appear on high school students’ transcripts and count for college credit.

### Work-based learning
- Launch pilot year of the PrepareRI Internship Program, which will provide paid summer internships to 100 rising 12th graders at top state employers.
- Launch new Real Skills for Youth program to provide paid work-based learning opportunities for 1,400 youth in the summer, and career preparation activities during the academic year for about 2,000 youth.
- RIDE will begin support and professional development for Career Coordinators, a staff member in every high school who manages work-based learning programming.

### Career and Technical Education (CTE)
- The Rhode Island Board of Education will approve revised teacher certification regulations, including ones that encourage qualified mid-career professionals to teach CTE classes.

### Counseling and career exploration
- PrepareRI will expand career exploration in middle school by subsidizing teacher certification in career exploration curricula.
- RIDE will publish a menu of approved ILP providers, and invest in providing professional development for counselors to ease the rollout of ILPs.

### Outcome-focused accountability
- RIDE will define the outcomes that determine whether a CTE program is successful, gather data on those outcomes, and use that information to inform CTE program approval and renewal.