

PREPARE RHODE ISLAND

2018 ANNUAL REPORT

IF YOU HAVE THE PASSION,
WE HAVE A PATHWAY.



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Rhode Island
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RIDE Rhode Island
Department
of Education



Governor's Workforce Board

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RHODE ISLAND
Office of the Postsecondary Commissioner



2018 ANNUAL REPORT

Rhode Island is on the move. Every day, when I meet with business leaders in our state, talk to entrepreneurs considering a move, or collaborate with my colleagues in government across the country, that's the message I deliver.

Let's keep going.

Rhode Island is a state to watch, and our economy is positioned for continued growth thanks to smart investments, streamlined processes, and, most importantly, a workforce that can meet the needs of industry. Our students are our most valuable asset.

Prepare Rhode Island (PrepareRI) is my commitment, and the commitment of the entire state, to improve career readiness for all Rhode Islanders. Seventy percent of jobs in Rhode Island require some form of postsecondary education or training, so if we want all Rhode Islanders to have the skills that matter for the jobs that pay, we need to remain laser focused on career education and workforce development.

Rhode Island is making incredible progress in aligning our classrooms to promising career pathways. We've increased the number of career and technical education (CTE) programs by 30 percent since 2015. Working side-by-side with industry, we approved standards for CTE programs that are reflective of the needs of our employers. In under two years, we've scaled up CS4RI and now have computer science in every school in the state. Since 2015, we've increased the number of college credits being earned by high school students by 150 percent, and more than 500 students have participated in the Advanced Course Network since its launch in 2016. These opportunities help students save time and money on college-level coursework. And in these opportunities and beyond, we continue to focus on equity, increasing access to career education and experiential learning for all students. That's just the beginning, and in this annual report, you'll read even more exciting data on how Rhode Island is leading the nation in career education programming.

We're moving in the right direction, but we have a lot of work left to do. We cannot slow the pace if we are going to achieve the goals set forth in this report. Over the next eight years, we aim to have all career pathway programs aligned to our state's high-demand career fields, for all high school students to graduate with college credit or an industry credential, for all students to have access to a work-based learning experience, and for all students – beginning in elementary and middle school – to have career exploration opportunities and individual learning plans based on their unique strengths and interests.

These are ambitious goals, but they are achievable if we work together, across government, education and industry, and with students and families as our partners in the effort. Together, let's build on this momentum to support a skilled workforce, strengthen our economy, and make PrepareRI the model for the rest of the country.

Gina M. Raimondo

Governor
State of Rhode Island

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WHAT

PrepareRI is an initiative to prepare all Rhode Island youth with the skills they need for jobs that pay

Prepare Rhode Island (PrepareRI) is one of the most ambitious plans in the nation to improve youth career readiness. It represents a strategic partnership between the Rhode Island government, private industry leaders, the public education system, universities, and non-profits across the state. PrepareRI launched in 2017, after Rhode Island was awarded a New Skills for Youth grant from JPMorgan Chase and the Council of Chief State School Officers (CCSSO).

WHY

PrepareRI benefits our students, businesses, and economy

For students, PrepareRI aims to close the gap between what they learn in school and what they need for high-demand jobs. The initiative was built on the belief that all young people — regardless of their background or intended career — will need some form of postsecondary credential and work experience to be successful. For businesses, PrepareRI ensures that employers have the workforce they require to thrive in the economy of tomorrow. This fills a crucial need in Rhode Island: currently, less than 45% of residents have a post-secondary degree or industry-recognized certificate, yet 70% of jobs will require those credentials by 2020.

WHO

PrepareRI unites many partners around a common plan

Our goals cannot be accomplished by any single agency or organization. With that in mind, PrepareRI is run by an inter-agency task force that includes the Rhode Island Governor's Office, the Rhode Island Department of Education (**RIDE**), the Governor's Workforce Board (**GWB**), Rhode Island Commerce Corporation (**Commerce**), and the Office of the Postsecondary Commissioner (**OPC**). This task force partners with Rhode Island's employers and communities so that we can leverage our collective strength to achieve our ambitious goals.

HOW

Exploration

Career exploration helps students discover their passions and create an Individual Learning Plan.

Expertise

Career and technical education (CTE) programs and college-level coursework help students build industry-specific expertise.

Experience

Work-based learning, such as internships or industry projects, allow students to learn in an authentic work setting.

Career

Students enter the workforce in a high-wage, high-demand industry aligned to their passions.

PrepareRI redesigns career pathways.

PrepareRI will restructure the entire talent pipeline in Rhode Island, from kindergarten to career. Our goal is that, by 2020:

- All career pathway programs will be aligned to Rhode Island's high-demand career fields
- All high school students will have access to opportunities to earn college credit or industry credentials
- All high school students will have access to work-based learning at their school
- Half of all high school students will participate in a CTE program
- All students in grades 6-12 will have Individual Learning Plans (ILPs)
- Agencies will use data on students' college and career outcomes to evaluate schools and programs
- Funding streams will be aligned around a common strategy for building career pathway programs for all students
- All schools in the state will participate in PrepareRI professional learning



PrepareRI is an overarching strategy that aligns many statewide programs and tools, including:

- Advanced Course Network (ACN)
- Advanced Placement (AP)
- Career and technical education (CTE)
- Computer Science for Rhode Island (CS4RI)
- Dual enrollment
- Individual Learning Plans (ILPs)
- Pathways in Technology Early College High School Initiative (P-TECH)
- PrepareRI Internship Program
- Real Jobs Rhode Island
- Real Skills for Youth



Key elements of the PrepareRI strategic plan:

- **Employer engagement:** Employers will lead the design of career pathway programs
- **Diploma Plus:** All high school students will graduate with college credit or industry credentials, so they can walk across the graduation stage and into a career
- **Work-based learning:** Students will build their career skills through work-based learning experiences with actual employers, such as internships or industry projects
- **Career & Technical Education:** Expand CTE programs that provide an industry-recognized credential in a high-wage, high-demand industry
- **Counseling and career exploration:** Middle school students will discover their passions through career exploration programs, and use that knowledge to build an ILP
- **Outcome-focused accountability:** Measure college and career outcomes, and share data to evaluate schools and programs
- **Aligned funding:** Braid state and federal funding streams to more efficiently support quality career pathway programs
- **Outreach and professional learning:** Make it as easy as possible for stakeholders to implement PrepareRI, and expand outreach to families to educate them on the available opportunities

What's the Word?

Definitions of key PrepareRI terms

Career Exploration:

"Career exploration" refers to programming that introduces younger students to a variety of possible careers. These programs are primarily focused on middle school students, while high school students will prepare for careers in more depth through coursework and work-based learning. PrepareRI plans to grow a sustained system of career awareness and exploration opportunities that will enable teachers and schools to provide students with multiple opportunities to gain exposure to high-skill, high-growth careers.

Individual Learning Plans:

The Individual Learning Plan (ILP) is a student-directed planning and monitoring tool that customizes learning opportunities throughout students' secondary school experience, broadens their perspectives, and supports attainment of goals. The ILP documents students' interests, needs, supports, course selections, transition placements, and other learning experiences both in and out of school. Every student in grades 6-12 should have an ILP that they revisit and revise at least twice a year. Through PrepareRI, the state is identifying new tools and resources to support schools and districts in implementing and integrating quality ILP systems and curriculum.

Pathway Endorsements:

Rhode Island students will be able to earn Pathway Endorsement Council Designations on their high school diploma to certify deep learning in a chosen area of interest and preparation for employment or further education in a career path. The Pathway Endorsement Council Designation is one of the three Council Designation options for students, beginning with the graduating class of 2021.

PrepareRI Ambassadors:

The PrepareRI Ambassadors are a select group of education leaders who help guide PrepareRI's implementation. The Ambassadors come from different parts of RI's education landscape and use their unique perspective and skills to advise RIDE about PrepareRI. Ambassadors create resources to help their colleagues with PrepareRI, and serve as spokespeople for the initiative.

Work-Based Learning:

Work-based learning (WBL) encompasses activities that provide students with real-life or simulated work experiences where they can develop and apply academic, technical, and essential skills, and contribute to the achievement of postsecondary and employment goals. Work-based learning includes internships, apprenticeships, service-learning, school-based enterprises, and industry projects. The GWB has issued guidance around high-quality work-based learning and invests in the development and implementation of those experiences for youth statewide.

Get With the (PrepareRI) Program

Advanced Course Network

The Advanced Course Network (ACN) allows middle and high school students to enroll in dual enrollment, Advanced Placement, career preparation, and work-based learning courses offered by RI schools/districts, colleges, community-based organizations, and Department of Labor and Training (DLT) approved programs.

Dual Enrollment Fund

The PrepareRI Dual Enrollment Fund covers the cost of tuition and fees for students enrolled in public high schools taking dual and concurrent coursework with the Community College of Rhode Island (CCRI), Rhode Island College (RIC), and University of Rhode Island (URI). Dual enrollment classes are offered onsite at the college campuses. Concurrent enrollment classes are taught by high school teachers who have been approved as adjuncts of the college to teach a course at the high school for college credit.

PrepareRI Internship

The PrepareRI Internship Program will train and place at least 100 youth in paid summer internships with the state's top employers in a range of industries.

Summer 2018 is the pilot year for PrepareRI Internships. The program is an initiative of the GWB in collaboration with RIDE, and is managed by a centralized intermediary, Skills for Rhode Island's Future.

Career & Technical Education

Career and Technical Education (CTE) in Rhode Island is designed to provide students with the skills they need to be successful in the workforce. Rhode Islanders can access CTE through career and technical education centers, high schools, post-secondary institutions, and adult programs in the network.



PrepareRI Summits

RIDE hosts PrepareRI Summits each semester to connect leaders from schools, government, and private industry to advance PrepareRI's goal: making RI a national model in providing high-paying career pathways for young people. Summits are action-oriented: participants receive new tools, resources, and training to make it easy to implement PrepareRI's work in their roles.

Computer Science for Rhode Island

CS4RI takes a coalition approach by combining national leadership with homegrown talent to reduce barriers to providing quality computer science education and professional development, and will bring CS learning opportunities to all Rhode Island schools in the years ahead.

Real Skills

Building off of summer youth employment programs and investments, the GWB's new "Real Skills for Youth" program will award grants to strategic partnerships among schools, youth-serving organizations, industry, and others to develop and implement high-quality paid work-based learning experiences and career readiness programming for youth across the state.

Real Jobs

Founded in 2015 at DLT, Real Jobs Rhode Island (RJRI) is a demand-driven, workforce and economic development initiative that is collaborative, flexible, and business-led. Real Jobs Partnerships are sector-based and convene employers, industry and education representatives, and other strategic partners that build alliances to address workforce demands.

Westerly Education Center

The Westerly Education Center is managed by OPC. Founded in 2017, the Westerly Education Center is a public-private collaboration designed to bring together higher education, business, industry, and community partners to provide high-quality educational programs to meet projected workforce growth in the region.



P-TECH

The P-TECH early college high school programs build long-term partnerships between high schools, colleges, industry associations, and businesses. Students enrolled in P-TECH take college-level courses while in high school, benefit from internships and mentoring, and graduate with a high school diploma and a no-cost, industry-approved associate degree. Employer partners have a seat at the table in designing the programs and ensuring that students are prepared with the education and skills they need to succeed in the jobs of the future.

(PrepareRI) in ACTION



Tatyana Frost, a student at the East Bay Met School and the 2017 CS4RI Student Award Winner, saw young women underrepresented in computer science. To engage more of her female peers, she developed a course, The Art of Code, and began teaching it at her school. She also visits area middle schools to get younger girls excited about computer science.

Pathways in ACTION

Narragansett High School has implemented a Student Teacher Assistant program. Upperclassmen like Reilly Clancey have the opportunity complete an internship under the guidance of a classroom teacher, for which they receive credit that appears on their transcript. Teacher assistants provide additional academic support to students, research and create resources for teachers, facilitate collaborative work, and model successful learning behaviors. Reilly wrote a blog about her experience on the RIDE website, and said she hopes to pursue Special Education and Social Studies next year in college.

Bonirath Chhay graduated from the Biotechnology Program at the Woonsocket Area Career & Technical Center as the class valedictorian. Her hands-on senior project, which involved scientific research and advanced technology, came in handy at

Harvard University, where she is a senior bioengineering major with multiple research fellowships under her belt. She is planning on pursuing a Ph.D. in bioengineering next year.

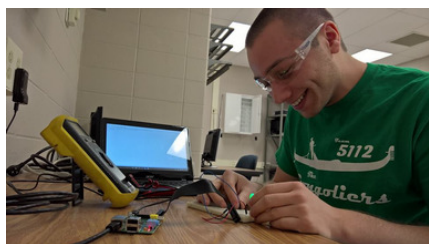
Hands-on ACTION

The students in Scituate High School's Academy of Engineering identified a challenge and through hands-on, experiential learning, developed a solution. In the process, they also changed the life of a 9-year-old boy. Olly Mancini was born without a left forearm, but the Scituate students built him a custom prosthetic at a fraction of the cost, using the school's 3-D printer.



Photo courtesy of The Valley Breeze

(Students) in ACTION



As a freshman at Ponaganset High School, Kyle Corry pursued courses in engineering and computer science while still in high school, joined the robotics team, and enrolled in the pre-college summer program at Worcester Polytechnic Institute (WPI). Kyle is now a student at WPI and is majoring in computer science.

Early College in ACTION

As a senior at Mt. Hope High School, Hannah Gordon took general education classes at CCRI through the PrepareRI Dual Enrollment Fund.

Dual enrollment allowed her to complete her

senior year of high school while simultaneously accumulating college credits. By the time Hannah graduated high school, she had already earned 21 college credits. She is now a freshman Medical Imaging major at RIC, and is on track to graduate one year early.

Ed Forero graduated from the Davies Machine Technology program in 2015. He spent hours in the lab before and after school, refining his skills with CNC machining, a high-tech manufacturing technique. After graduation, Ed was hired by

Hope Valley Industries as an apprentice CNC machinist. He continues to work for Hope Valley. The company pays for his classes and plans to hire him full-time with a competitive salary upon completion from New England Tech.

Careers in ACTION

In 2017, five students graduated from Coventry High School's welding program, which includes training at the New England Tech during the school day. Participants completed 200 hours of advanced welding training.

All four seniors were hired by Electric Boat, and the one junior completed an internship with Electric Boat and will join the company after graduation with a year of seniority under his belt.



Photo courtesy of The Coventry Courier

ACTION PLAN

PRIORITY	GOALS for 2020	KEY STRATEGIES
1. Employer engagement	All career pathway programs will be aligned to Rhode Island's high-demand career fields	<ul style="list-style-type: none"> • Use labor market data to define high-wage, high-demand industry sectors in Rhode Island, and focus on improving pathways in those sectors • Convene industry leaders to set standards for career education that align to the actual requirements of RI employers
2. Diploma Plus	All high school students will have access to opportunities to earn college credit or industry credentials	<ul style="list-style-type: none"> • Increase opportunities for high school students to earn college credit through dual enrollment, concurrent enrollment, the Advanced Course Network, AP, and other transcribed credit courses • Improve student access by creating a centralized enrollment platform for all course choice options • Include Pathway Endorsements on high school diplomas to recognize students' expertise in specific content areas
3. Work-based learning	All high school students will have access to work-based learning at their school	<ul style="list-style-type: none"> • Set clear statewide standards for work-based learning and make it easier for students to earn academic credit for those experiences • Create a new PrepareRI Internship Program to provide students with high-quality summer internships with Rhode Island employers • Improve the connections between schools and businesses through a new statewide career readiness intermediary
4. Career and Technical Education (CTE)	Half of all high school students will participate in a CTE program	<ul style="list-style-type: none"> • Expand CTE programs aligned to high-wage, high-demand sectors that culminate in an industry-recognized credential • Build a pipeline of quality CTE teachers through improved teacher certification, expanded recruitment, and new training programs
5. Counseling and career exploration	All students in grades 6-12 will have Individual Learning Plans (ILPs)	<ul style="list-style-type: none"> • Create a menu of state-approved ILP providers and provide increased support and training for counselors • Expand career exploration programming in middle schools through grants, partnerships with quality curriculum providers, and career fairs
6. Outcome-focused accountability	Agencies will use data on students' college and career outcomes to evaluate schools and programs	<ul style="list-style-type: none"> • Include a "Diploma Plus" metric in the state school accountability system that measures student outcomes in college and career • Create an accountability system for CTE programs based on student outcomes after program completion • Share student outcome data publicly, to enable all stakeholders to make data-driven decisions
7. Aligned funding	Align funding streams around a common strategy for building career pathway programs for all students	<ul style="list-style-type: none"> • Revise state funding sources to ensure they incentivize high-quality career pathways programs, including funding for career education and the GWB's youth funds • Create new grant programs to promote the expansion of career pathways and advance equity
8. Outreach and professional learning	All schools in the state will participate in PrepareRI professional learning	<ul style="list-style-type: none"> • Host semiannual PrepareRI Summits to train and support stakeholders • Recruit education leaders from across the state to serve as PrepareRI Ambassadors and develop tools for PrepareRI implementation • Hire a professional communications firm to educate families on the PrepareRI opportunities that are available

ACCOMPLISHMENTS

Here are some of the major accomplishments of PrepareRI from January 2017 through March 2018:



Employer Engagement

- In the summer of 2017, the CTE Board of Trustees approved 56 rigorous new standards for CTE programs, based on recommendations by Rhode Island industry leaders. These standards ensure students receive the skills and credentials that RI employers value.
- The GWB Executive Committee voted in October 2016 to reconvene the Career Pathways Advisory Committee (CPAC) with a mission focused on advising the GWB's youth career pathways investments.



Diploma Plus

- The PrepareRI Dual Enrollment Fund gives all qualified RI high school students access to college-level coursework. Since the fund began in 2015, there has been a 150% increase in college credits earned.
- Through CS4RI, there has been a dramatic increase in the number of computer science programs in the state. In the 2015-16 school year, only 3% of school taught computer science; now, 97% of the high schools and 74% of all schools K-12 do. CS4RI has also tripled the number of AP Computer Science programs since March 2016 and trained more than 600 teachers.



Work-based learning

- The GWB, in collaboration with RIDE, launched the PrepareRI Internship Program, a new paid summer internship open to 100 rising high school seniors to intern for 6-8 weeks at a top RI employer in Summer 2018.
- Following national best practice, the GWB contracted with Skills for Rhode Island's Future to serve as a statewide career readiness intermediary to facilitate stronger connections between schools and businesses, and to manage the PrepareRI Internship Program.
- The GWB's new "Real Skills for Youth" program will award grants in Spring 2018 to strategic partnerships among schools, youth serving organizations, industry, and others to develop and implement high-quality, paid work-based learning experiences in Summer 2018 for about 1,400 youth, and it will also fund career preparation activities during the 2018-19 academic year for 2,000 youth.



Career and Technical Education (CTE)

- Rhode Island had 155 programs in the 2016-17 school year. This represents a 17% increase over the prior year. This growth in CTE programs is likely to accelerate: for the 2018-19 school year, RIDE received 59 applications for new programs—more than double the programs approved last year.
- RIDE awarded Roger Williams University a \$75,000 competitive planning grant to create the first CTE teacher program in the state. The program anticipates accepting students in the fall of 2018.



Counseling and career exploration

- The GWB is supporting Junior Achievement of Rhode Island in implementing a statewide career fair to introduce 2,000 8th grade students to Rhode Island employers in high-wage, high-demand industries; and to high school CTE programs and postsecondary institutions where they can build their skills and career expertise.
- To support schools in providing ILPs to all their students, RIDE is developing a "menu" of approved ILP providers. RIDE released a request for proposals in fall of 2017, and expects to announce the approved list by spring 2018. A PrepareRI Ambassador is working to create a toolkit to help counselors navigate the ILP process.



Outcome-focused accountability

- RIDE is measuring how many students earn college credits and industry-recognized credentials in the statewide school accountability system, creating a strong incentive for RI schools to value student achievement in college and career.



Aligned Funding

- In January 2018, RIDE launched a \$1M competitive grant program to expand access to high-quality CTE programs for disadvantaged youth. These grants will be awarded in Spring 2018.
- In fall 2017, RIDE convened a working group of superintendents and CTE center directors to advise the creation of an improved funding system and process for districts around CTE transfer students. The working group's proposal is now before the Rhode Island Board of Education.
- The GWB created an interactive online data visualization tool to make it easy for all stakeholders to see what the state spends on career pathway programming and its impact.



Outreach and Professional Learning

- PrepareRI Summits are now held semiannually to train and connect key stakeholders statewide. The first Summit, held in October 2017, was attended by over 250 leaders from schools, businesses, and colleges.
- Five education leaders from across the state were selected in Summer 2017 for the new PrepareRI Ambassador program. The Ambassadors create resources, advise the PrepareRI leadership team, and serve as spokespeople for the initiative.
- PrepareRI hired a communications firm to help in outreach to families about available career education opportunities. The PrepareRI website, as well as a monthly newsletter to more than 450 stakeholders, serve as hubs for PrepareRI opportunities and updates.

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 ¹

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

PATHWAY PARTICIPATION

13%

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

0 of 10,839 8th graders participated in PrepareRI career exploration programming. (PrepareRI did not have such programming in 2017)

28% (2,780/9,936) of the 2014 9th grade cohort participated in CTE during high school

PATHWAY CONCENTRATION

17%

17% (1,691/9,936) of the 2014 9th grade cohort ² concentrated in a priority sector CTE program

DIPLOMA PLUS

6%

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

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 in 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.

COLLEGE ENROLLMENT AND EMPLOYMENT

81%

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%

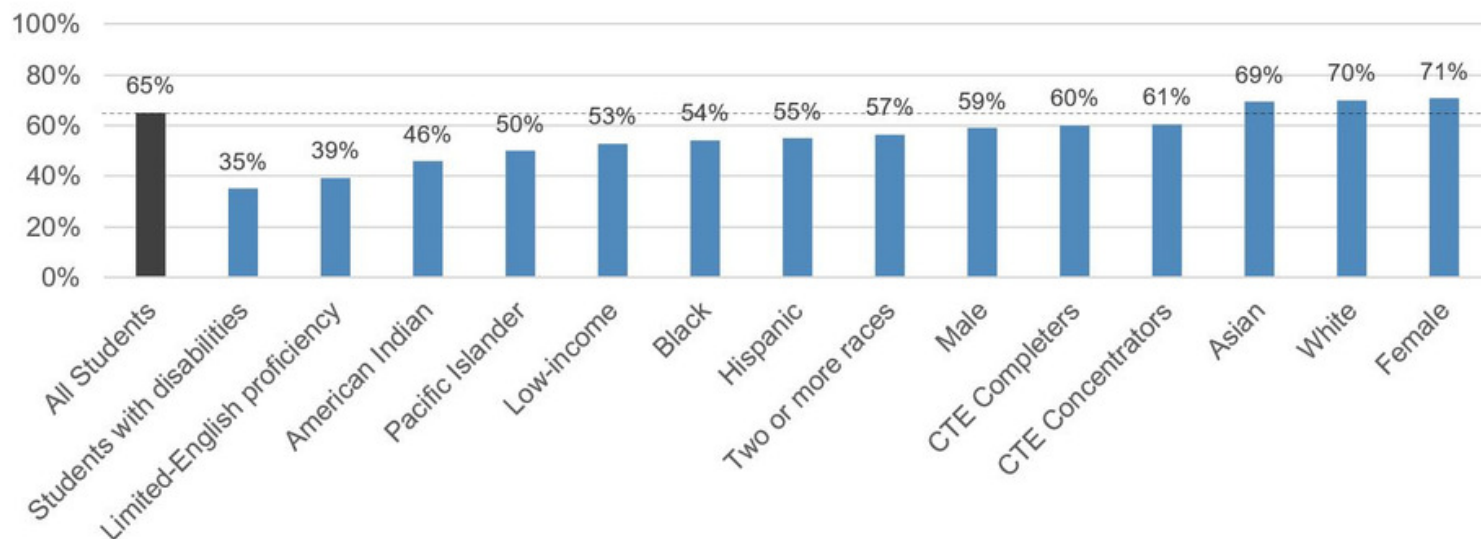
65% (6,253/9,621) of the class of 2016 enrolled in college within 12 months of graduation

50%

50% (4,818/9,621) of students were employed in a priority sector in Rhode Island within 12 months of graduation ³

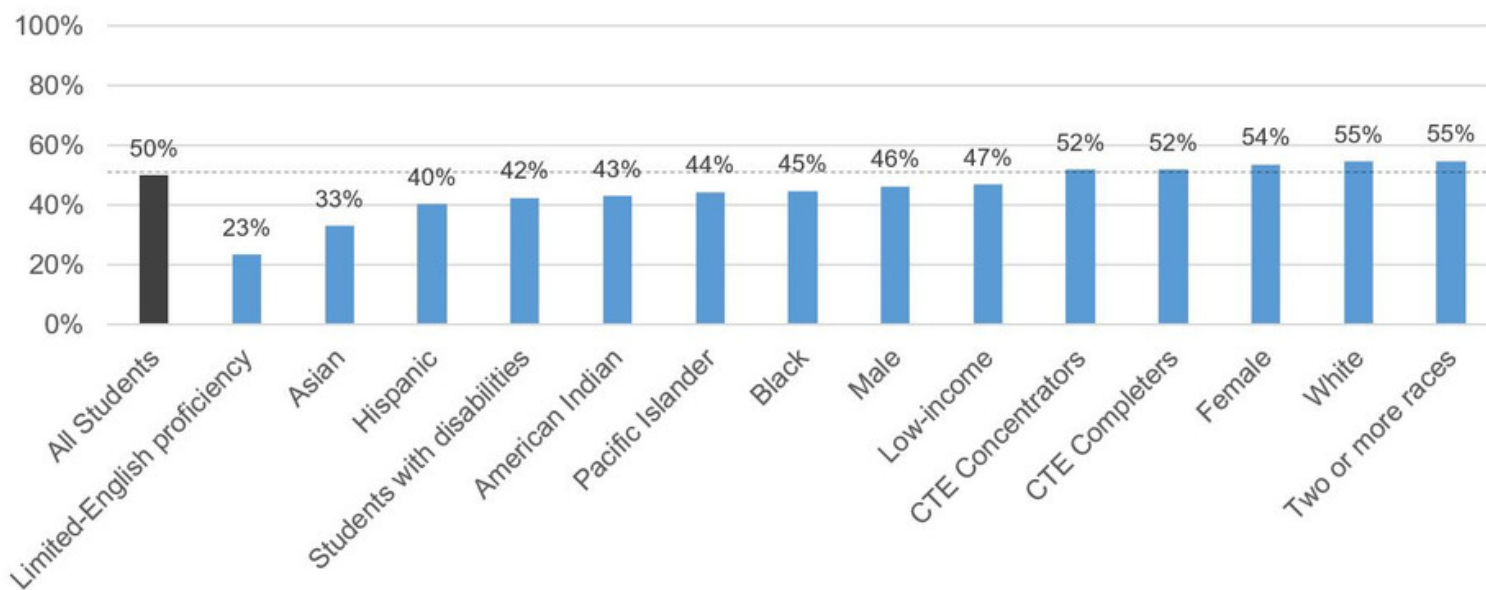
ENROLLMENT DATA

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



EMPLOYMENT DATA

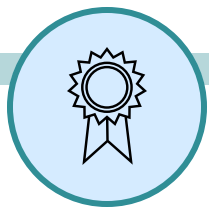
Percent of Students Employed in Priority Sectors
Within 12 Months of Graduation, Class of 2016



Employer Engagement

PrepareRI has cultivated 18 industry partners to support and advance high-quality career pathway opportunities for all Rhode Island students.

18



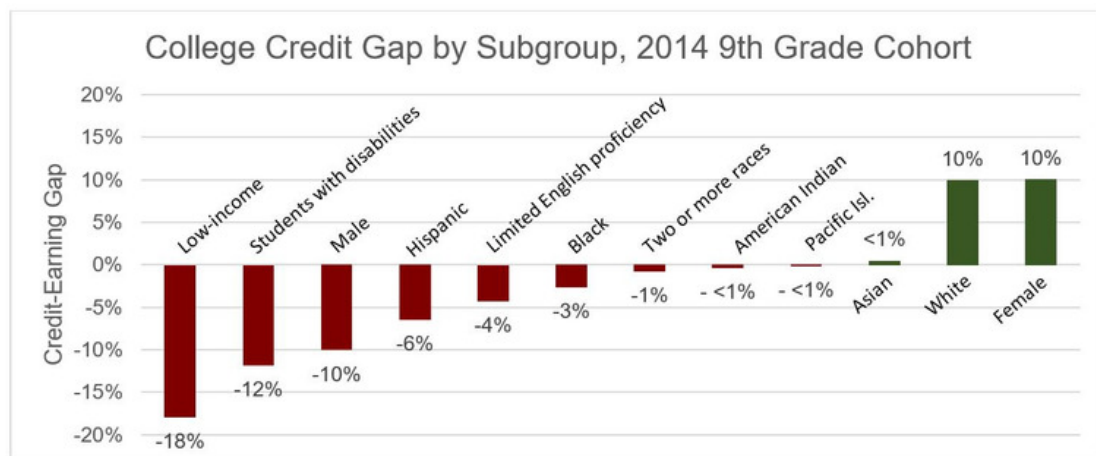
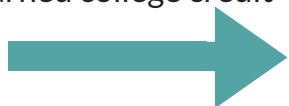
Diploma Plus

COLLEGE CREDIT

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.

27%

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

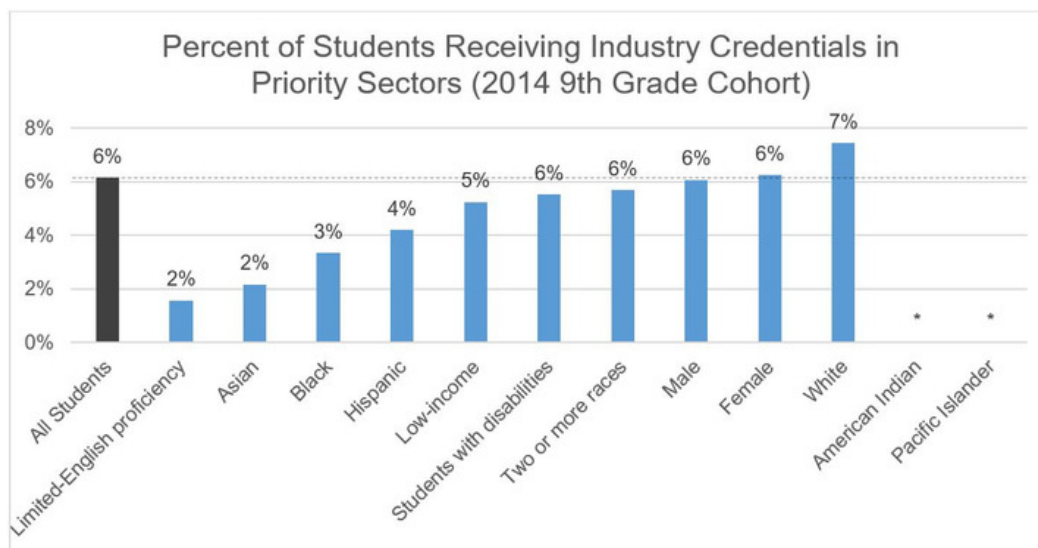


The graph above measures the difference between a group's proportion in the general population and their proportion among college credit earners. For example, women earned 59% of college credits in the state, but only comprised 49% of the population; therefore, they were overrepresented by 10% ($59\%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

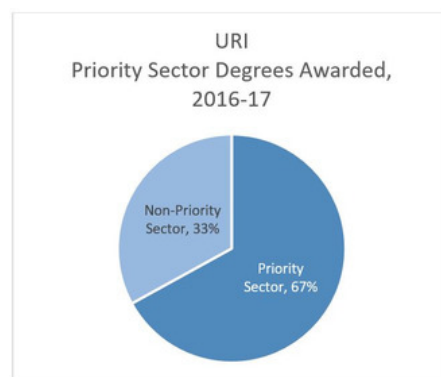
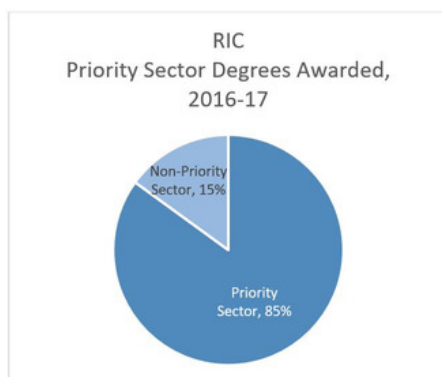
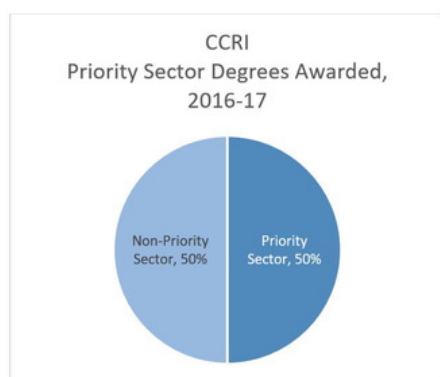
..... INDUSTRY-RECOGNIZED CREDENTIALS

6%

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).



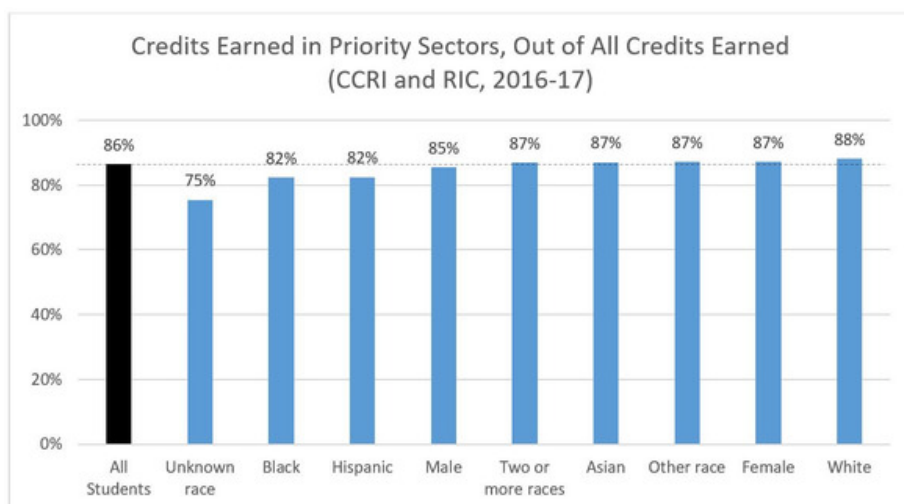
COLLEGE DEGREES EARNED IN PRIORITY SECTORS



CREDIT AND COURSES IN PRIORITY SECTORS

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

86%



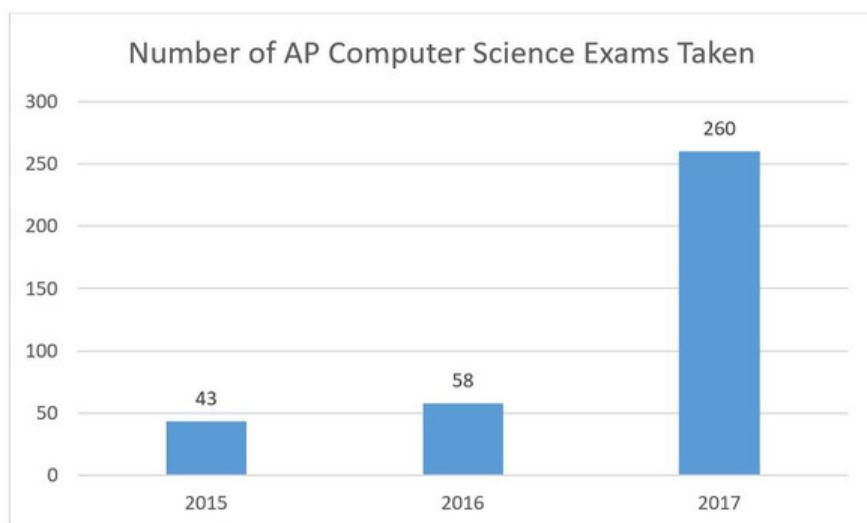
COURSES OFFERED IN PRIORITY SECTORS

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.

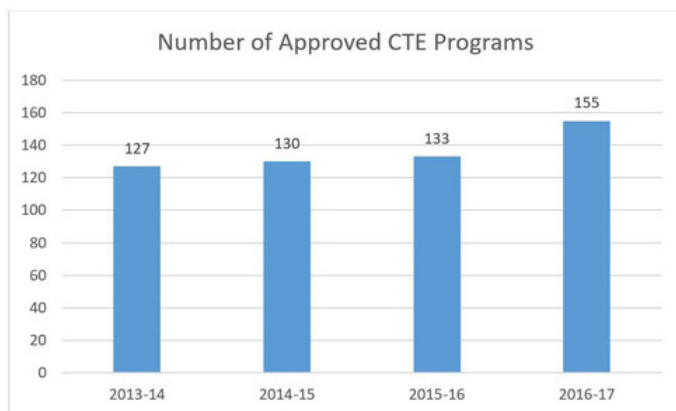
4. URI's data for 2016-17 was unavailable



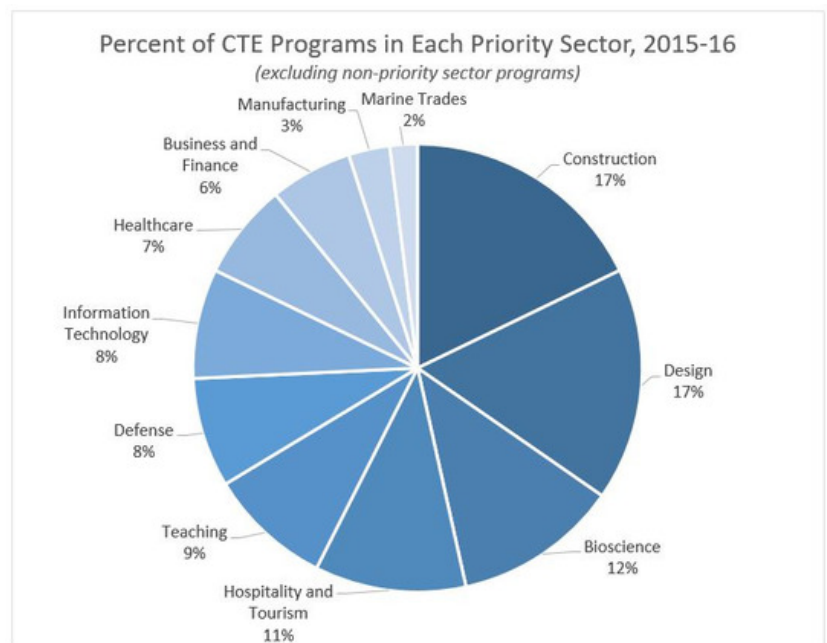
Work-Based Learning

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%

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

CTE ACCESS

100%

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%

16% (7,036/43,294) of high school students have access to a trained priority sector CTE teacher in their building.

CTE PARTICIPATION ●●●●●●●●

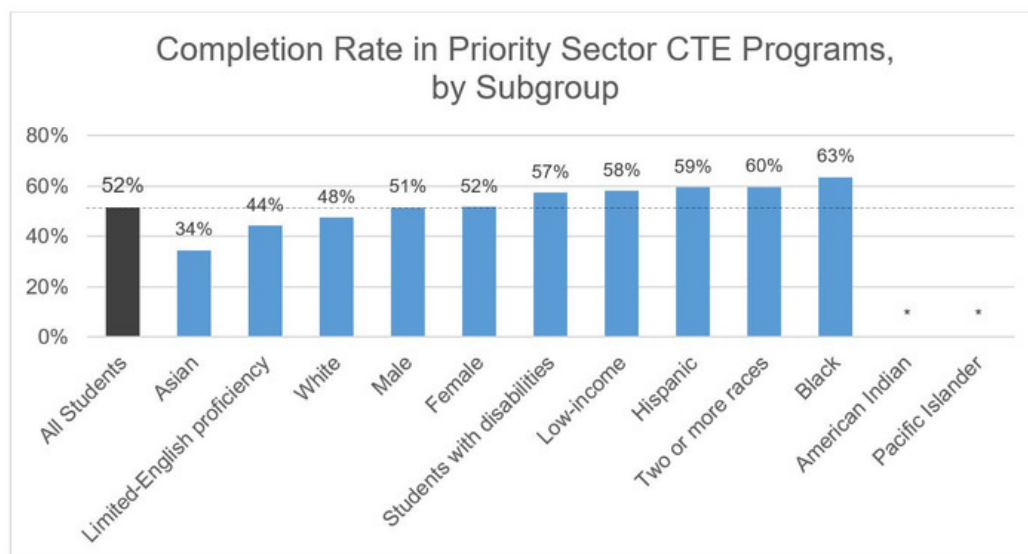
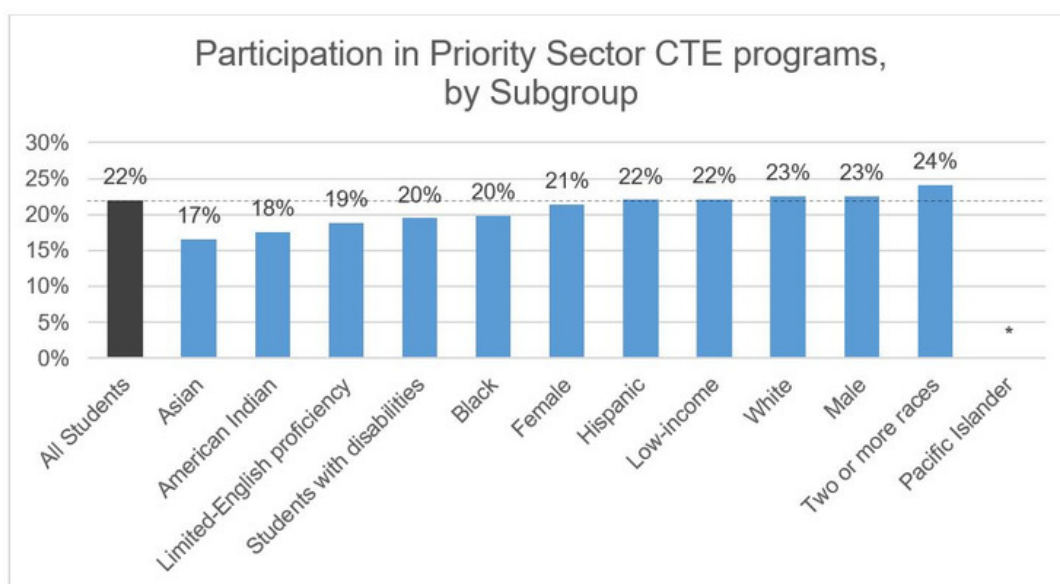
Overall, 28% (2,780/9,936) of the 2014 9th grade cohort participated in a CTE program. This is up from 24% (2645/11,122) from the members of the previous year's cohort. However, data collections from prior years maybe not be comparable to current data, due to improvement in data quality.

28%

CTE PARTICIPATION AND COMPLETION

22%

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.

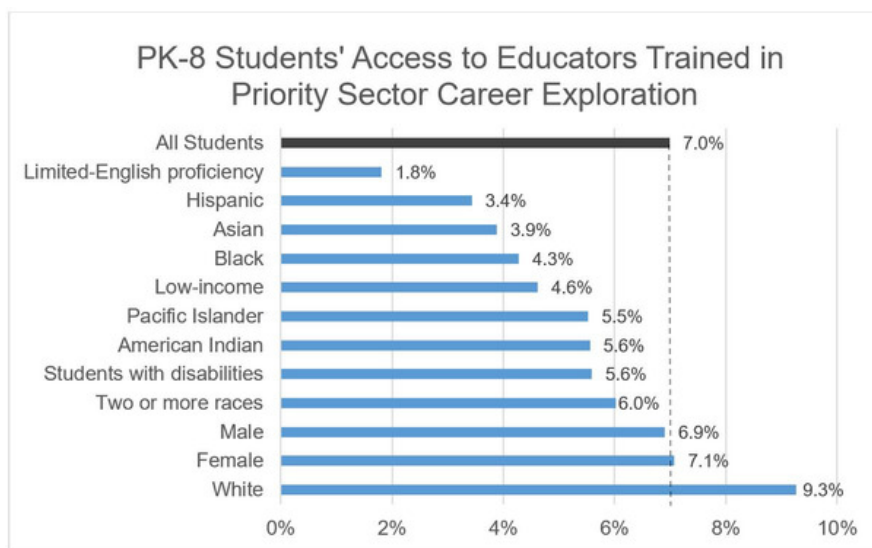


Counseling and Career Exploration

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.

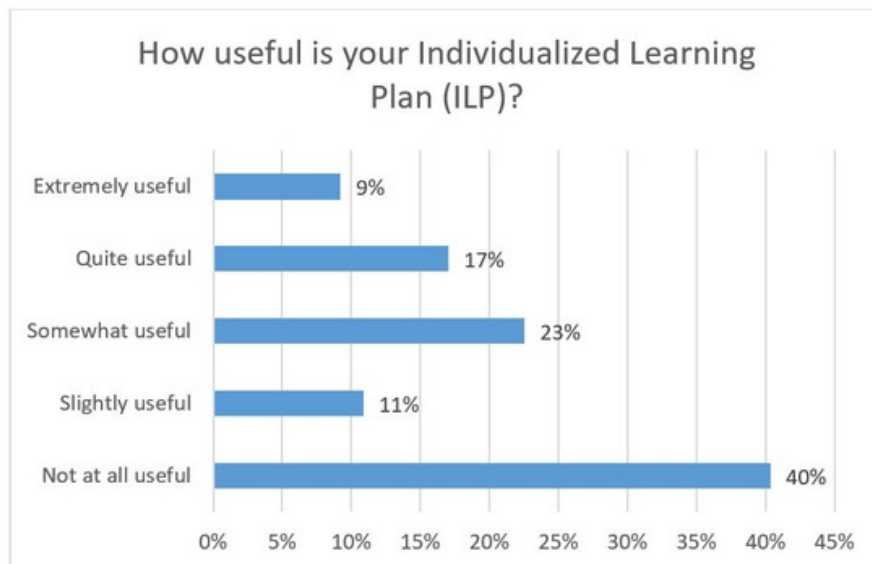
7%



INDIVIDUAL LEARNING PLANS

26%

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



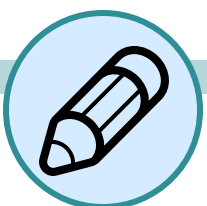


Aligned Funding

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.

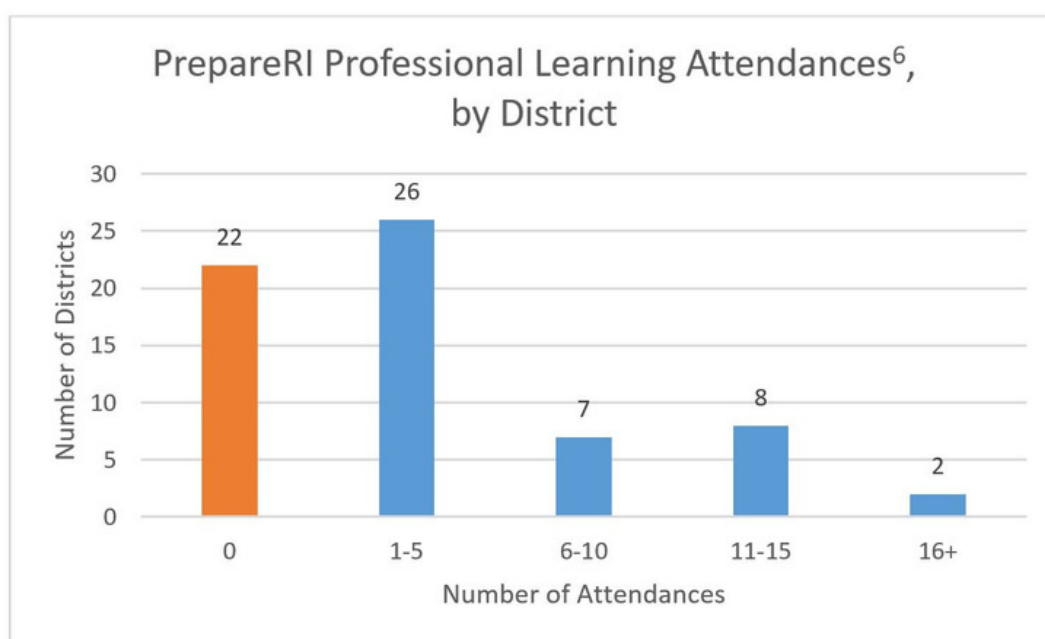
The following table outlines the total eligible funding that year.

<u>Category</u>	<u>Amount (FY16)</u>
Youth Workforce Funding	\$1,500,00
Youth Centers	\$500,000
Work Immersion	\$887,562
CTE Pilots	\$52,275
CTE Categorical	\$3,500,000
Total	\$6,439,837



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.



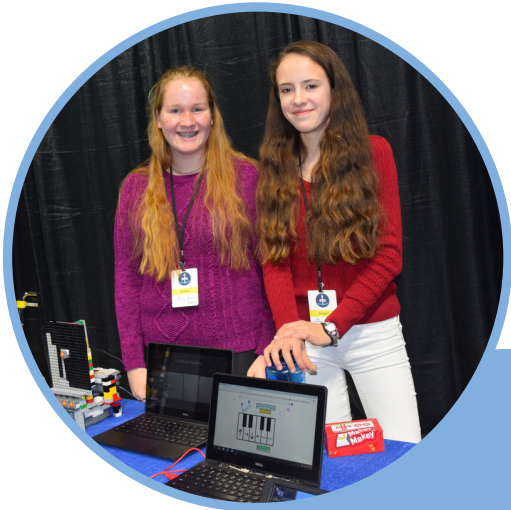
Counseling and career exploration

- 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.





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