

Dual Enrollment and Work-Based Learning

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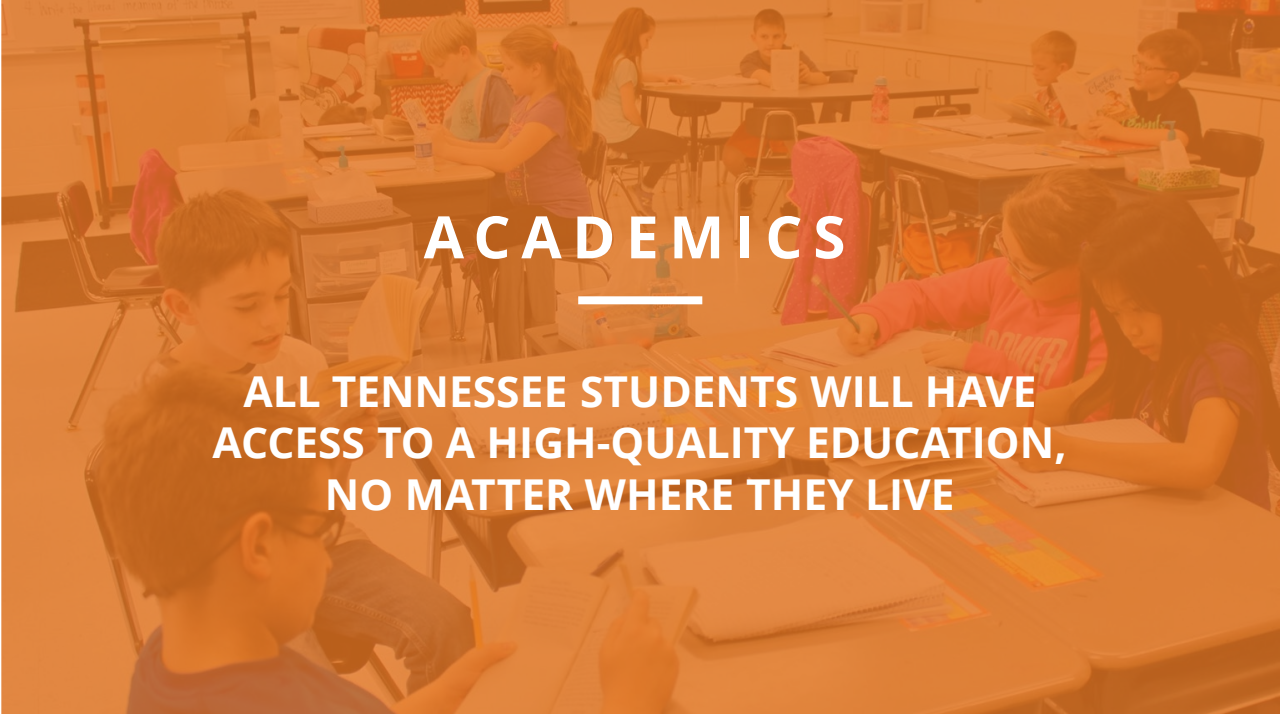
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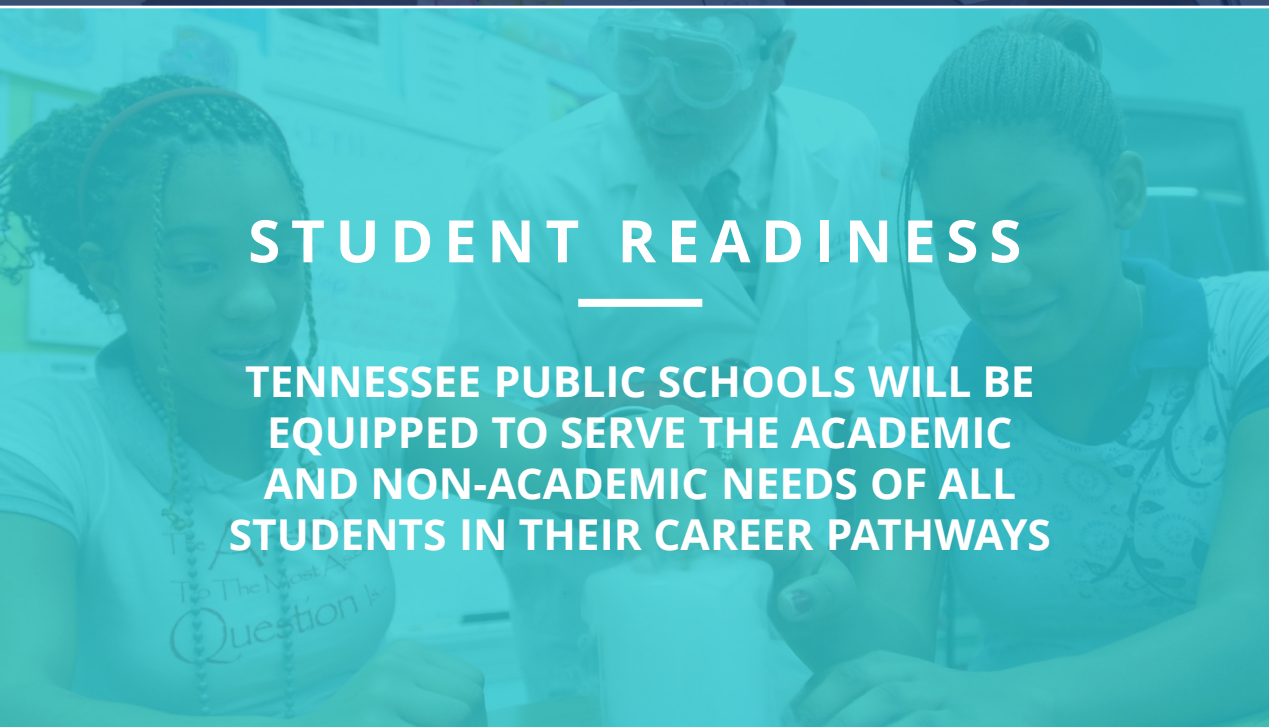
BEST FOR ALL

We will set all students on a path to success.



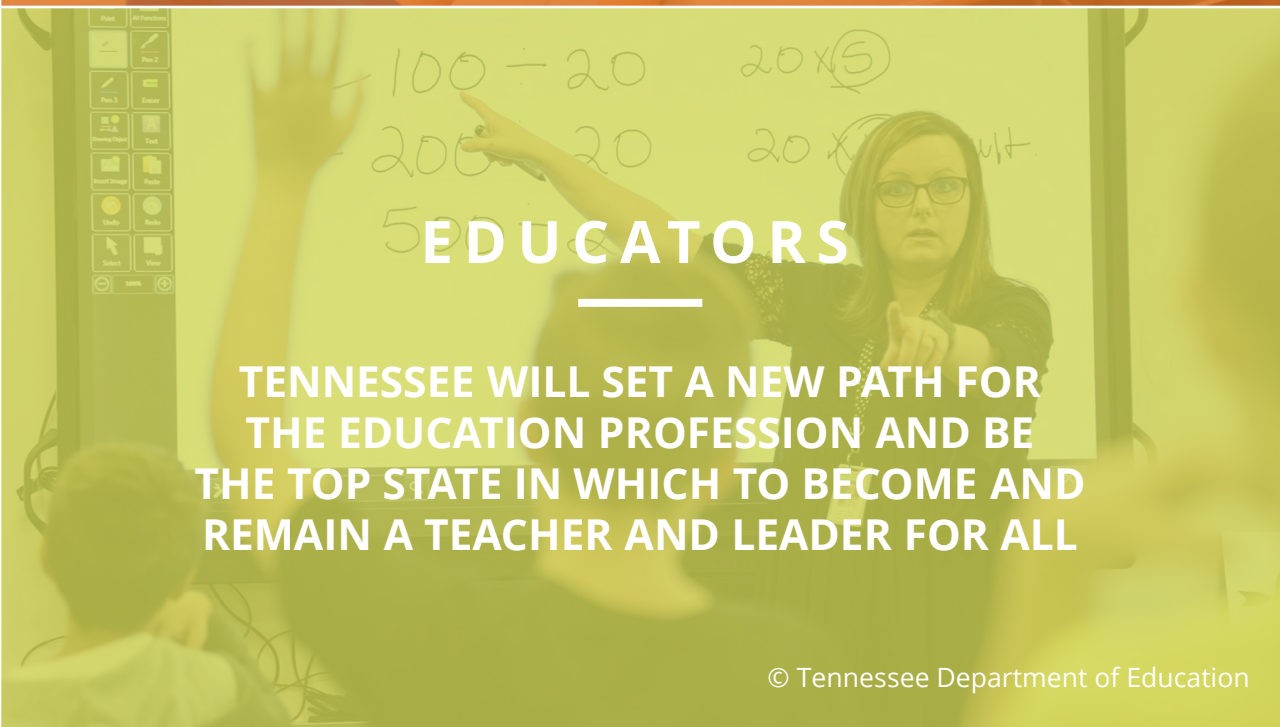
ACADEMICS

ALL TENNESSEE STUDENTS WILL HAVE ACCESS TO A HIGH-QUALITY EDUCATION, NO MATTER WHERE THEY LIVE



STUDENT READINESS

TENNESSEE PUBLIC SCHOOLS WILL BE EQUIPPED TO SERVE THE ACADEMIC AND NON-ACADEMIC NEEDS OF ALL STUDENTS IN THEIR CAREER PATHWAYS



EDUCATORS

TENNESSEE WILL SET A NEW PATH FOR THE EDUCATION PROFESSION AND BE THE TOP STATE IN WHICH TO BECOME AND REMAIN A TEACHER AND LEADER FOR ALL



Agenda

- Dual Enrollment in Tennessee
 - Local Education Agency (LEA) trends and course offerings
 - Student-level participation and profiles
 - Relevant outcome metrics
- Work-Based Learning (WBL) in Tennessee
 - Statewide trends
 - LEA trends
 - Overall participation + available opportunities
 - Outcome data



Dual Enrollment At-a-Glance

Dual enrollment course offerings
and trends at the LEA level

Dual Enrollment – Fast Facts

- **125 LEAs** offer at least one dual enrollment (DE) course.
- Nearly **750** DE courses are available in the 2024-25 course catalog.
- **75 percent** of DE courses align to a Career and Technical Education (CTE) program of study and count toward a student's CTE concentrator status.
- **25 percent** of DE courses are academic courses and may count toward the student's high school graduation or elective requirements.
- All DE courses count as early postsecondary opportunities and can impact a student's *Ready Graduate* indicator, a school's letter grade, and a district's TISA funding.

2024 EPSO Survey

- In Feb. 2024, the College and Career Readiness (CCR) team launched the **Early Postsecondary Opportunity (EPSO) Survey** to teachers and district leaders via the Commissioner's Update for Directors newsletter. A total of 44 LEAs responded.
- Participants were encouraged to fill out the survey to provide meaningful input to support continuous improvement for all EPSO offerings.
- Respondents included teachers, district administrators, CTE directors, CTE teachers, school counselors, testing coordinators, and EPSO advisors.
- Over **90 percent** of survey respondents indicated that their school or district offers DE to students.

EPSO Survey – Dual Enrollment Trends

Survey respondents noted the following trends in DE, reflective of both district and individual opinions:

- **Increased participation and accessibility:** student participation is increasing as options for DE courses are expanding.
- **Successful integration and pass rates:** districts believe that students are more likely to be successful in DE courses and earning postsecondary credit when compared to other available EPSOs.
- **Strategic partnership and credit accumulation:** expansion of postsecondary partnerships allows students to earn postsecondary credit and benefit districts in their *Ready Graduate* Indicators, CCR letter grades, and TISA funding.
- **Engagement and career readiness:** DE enhances students' readiness for college and careers, exploring various career fields, and earning simultaneous high school and postsecondary credit.

EPSO Survey – Dual Enrollment Benefits

Survey respondents noted the following benefits of DE, reflective of both district and individual opinions:

- **Accelerated path to college/career:** DE is seen as an accelerated path for students toward college and career readiness.
- **Expansion of opportunities:** schools are actively expanding DE offerings and partnerships, which increase student opportunities and aligned pathways to student interest.
- **Cost savings and financial benefits:** DE saves students in postsecondary tuition costs through transferable college credit.
- **Preparation for college-level work:** DE courses offer students a firsthand experience of postsecondary rigor, fostering a real college environment that enhances confidence and success rates in both high school and college classes.

EPSO Survey – Dual Enrollment Barriers

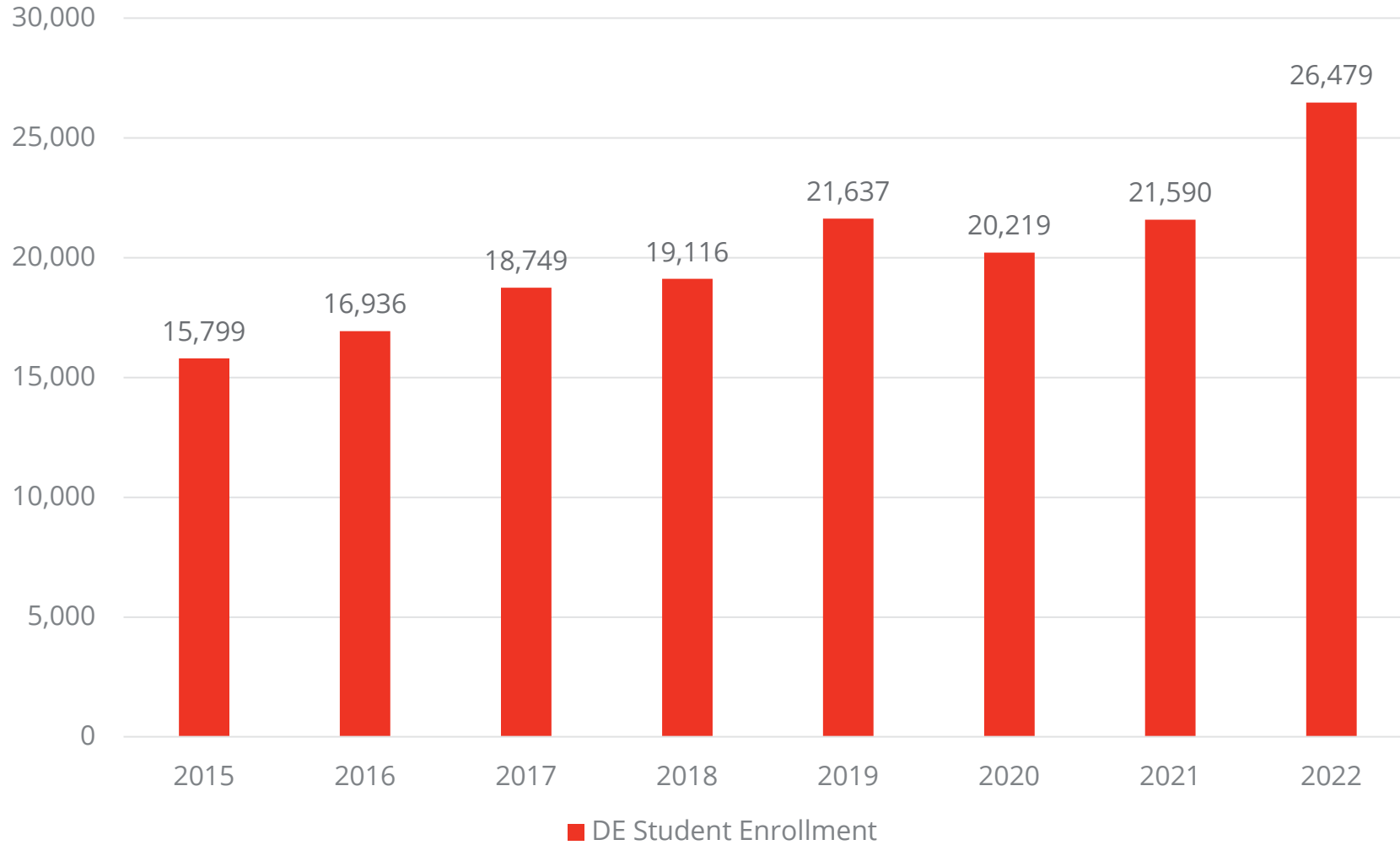
Survey respondents noted the following barriers for DE, reflective of both district and individual opinions:

- Scheduling
- Teacher Availability
- Supply Costs (textbooks, materials, etc.)
- Transportation
- Credit Transferability

Dual Enrollment at TBR Colleges



DE Student Enrollment



STUDENT READINESS

TCAT Dual Enrollment



TCAT dual enrollment **grew 50 percent** – from **6,100 students** to **9,300 students** – from fall 2021 to fall 2022



In West Tennessee, TCAT dual enrollment **rose 70 percent** from fall 2021 to fall 2022



At **10 TCATs**, dual enrollment doubled or tripled from 2019 to 2022.



STUDENT READINESS

TCAT Dual Enrollment Growth



TBR Service Region	Fall 2021 Enrollment	Fall 2022 Enrollment	Percent Growth
Northwest	239	468	+96%
Greater Memphis	412	675	+64%
Southwest	1,654	2,765	+67%
Northern Middle	670	986	+47%
Southern Middle	631	968	+53%
Upper Cumberland	1,406	1,529	+9%
East	720	1,145	+59%
Northeast	167	290	+74%
Southeast	288	472	+64%

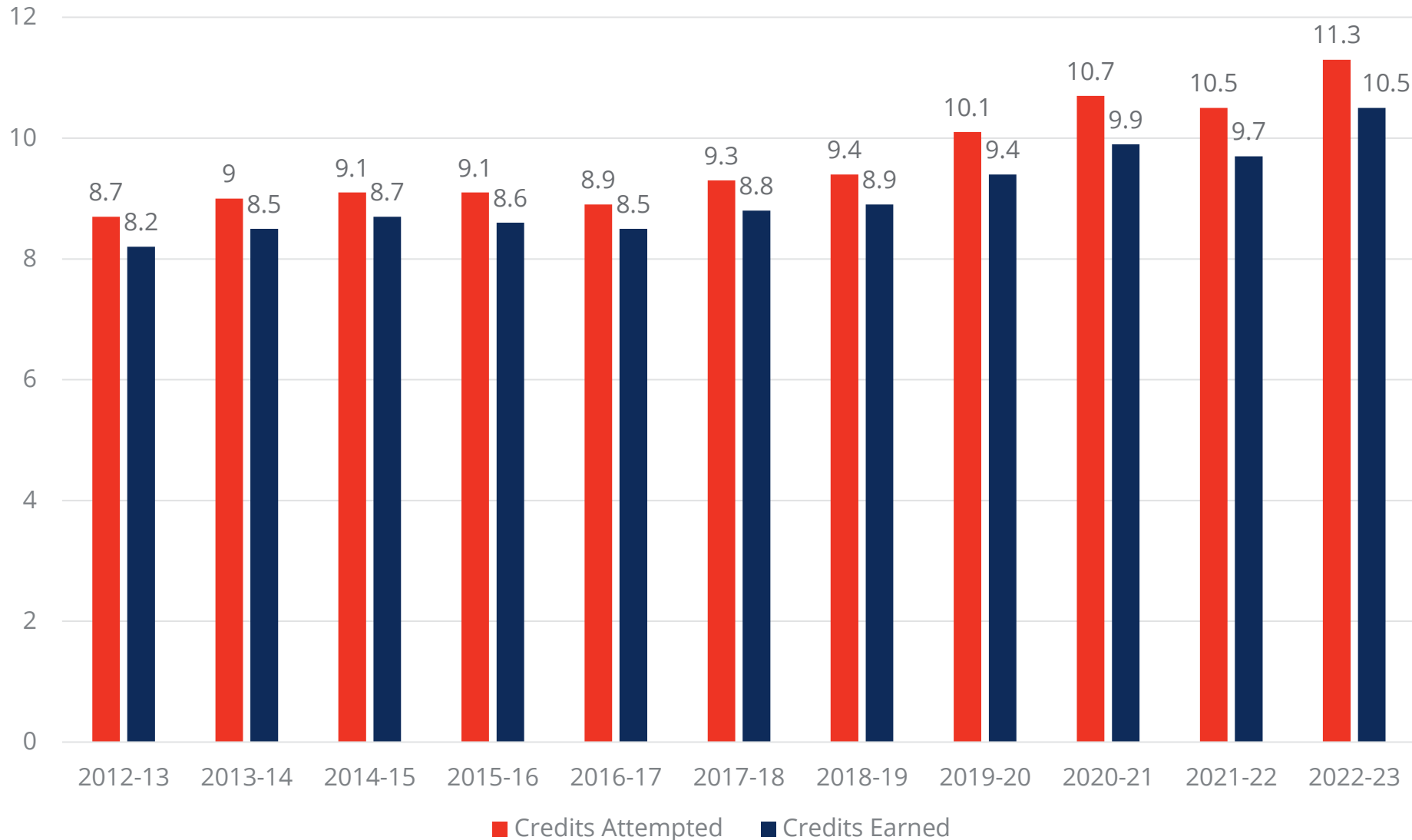


STUDENT READINESS

Dual Enrollment Students

Student-level participation and profiles in dual enrollment courses

DE Attempted vs. Earned Credits per Student Year-Over-Year



STUDENT READINESS



Student Profile – Dual Enrollment



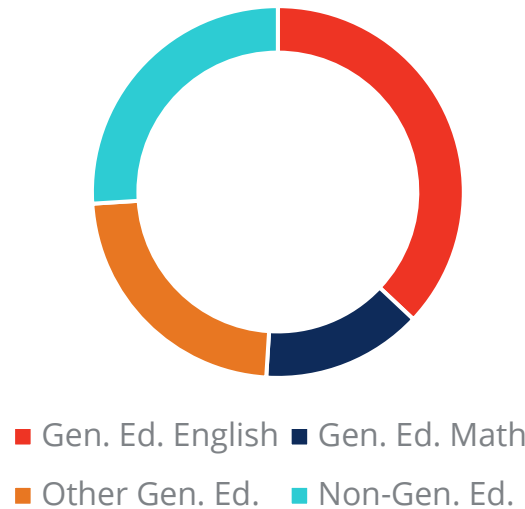
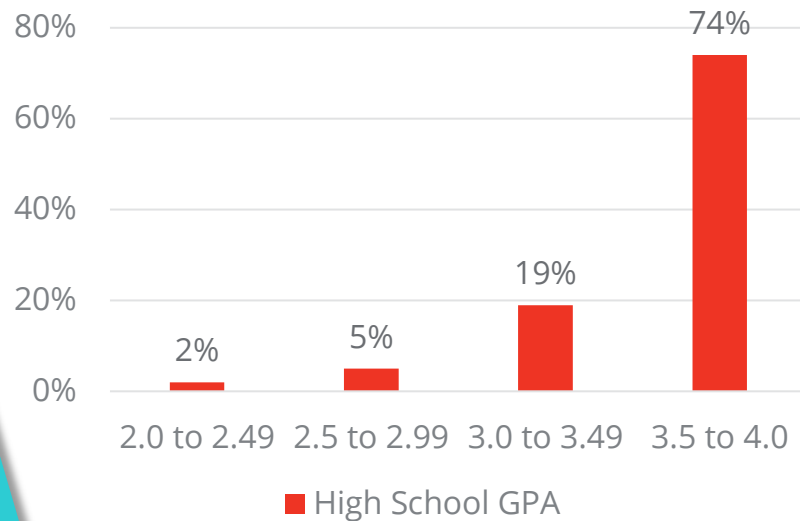
Three-quarters of dual enrolled students have **high school GPAs of 3.5 or higher**

Three-quarters of course enrollments by DE students fulfill **TBR general education requirements**

About one-quarter of DE students **return** to community colleges after high school graduation

High School GPA

General Education Requirements



23%

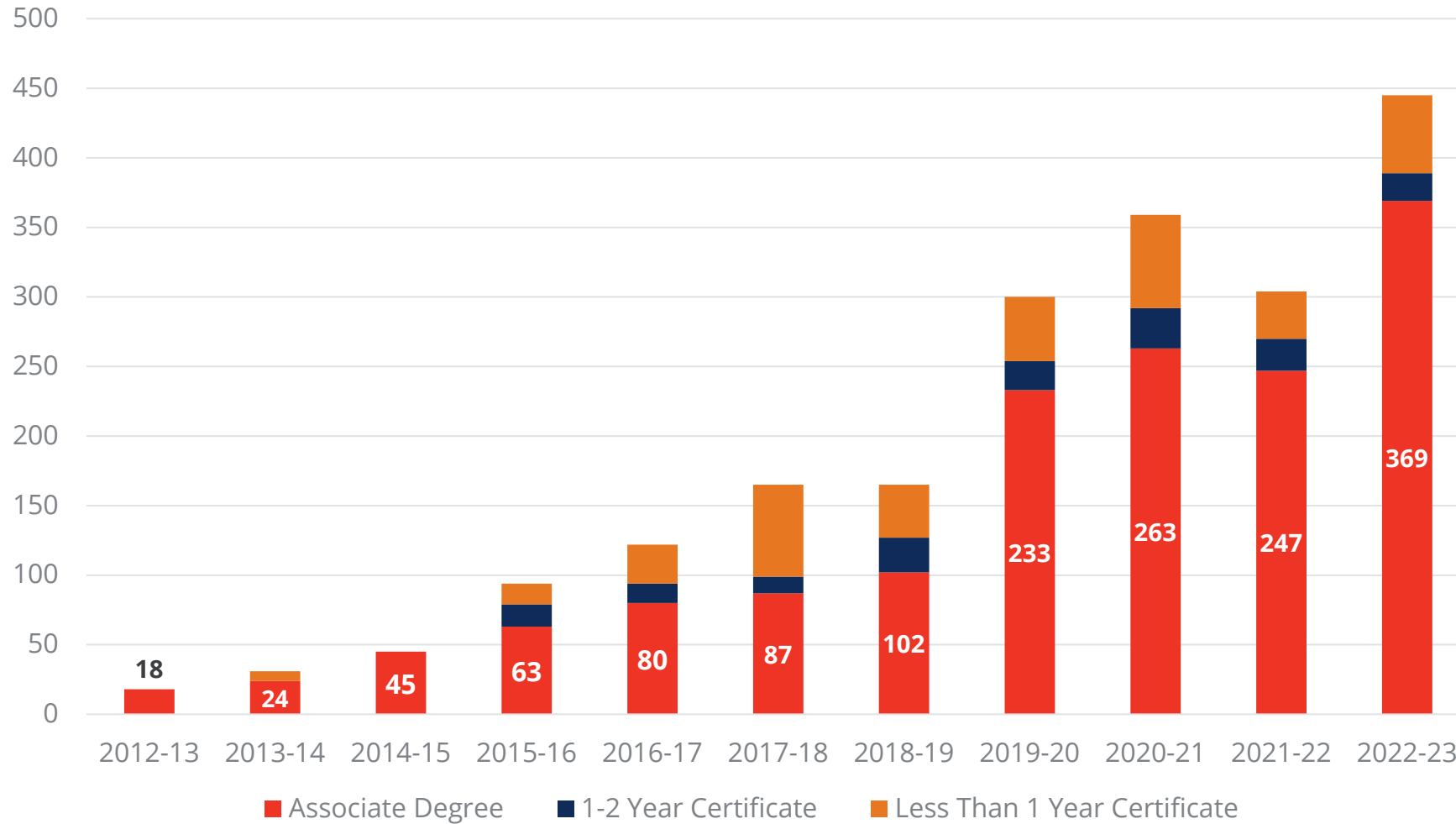


STUDENT READINESS

Dual Enrollment Outcomes

Relevant outcome metrics for students who participate in dual enrollment

Credentials Completed by DE Students while in High School



Work-Based Learning (WBL)

Statewide Trends



Types of WBL Opportunities

- 40,863 student enrollments statewide.
- Students in Tennessee may participate in any one or more of the following types of WBL activities in WBL courses:
 - Registered Apprenticeships
 - Tennessee Certified Pre-Apprenticeships
 - Paid Employment
 - Internships
 - Job Shadows
 - Project-Based Learning/School-Based Enterprise
- Opportunities exist both on-campus and off-campus.
- There are currently 78 different WBL courses available for LEAs to offer students.



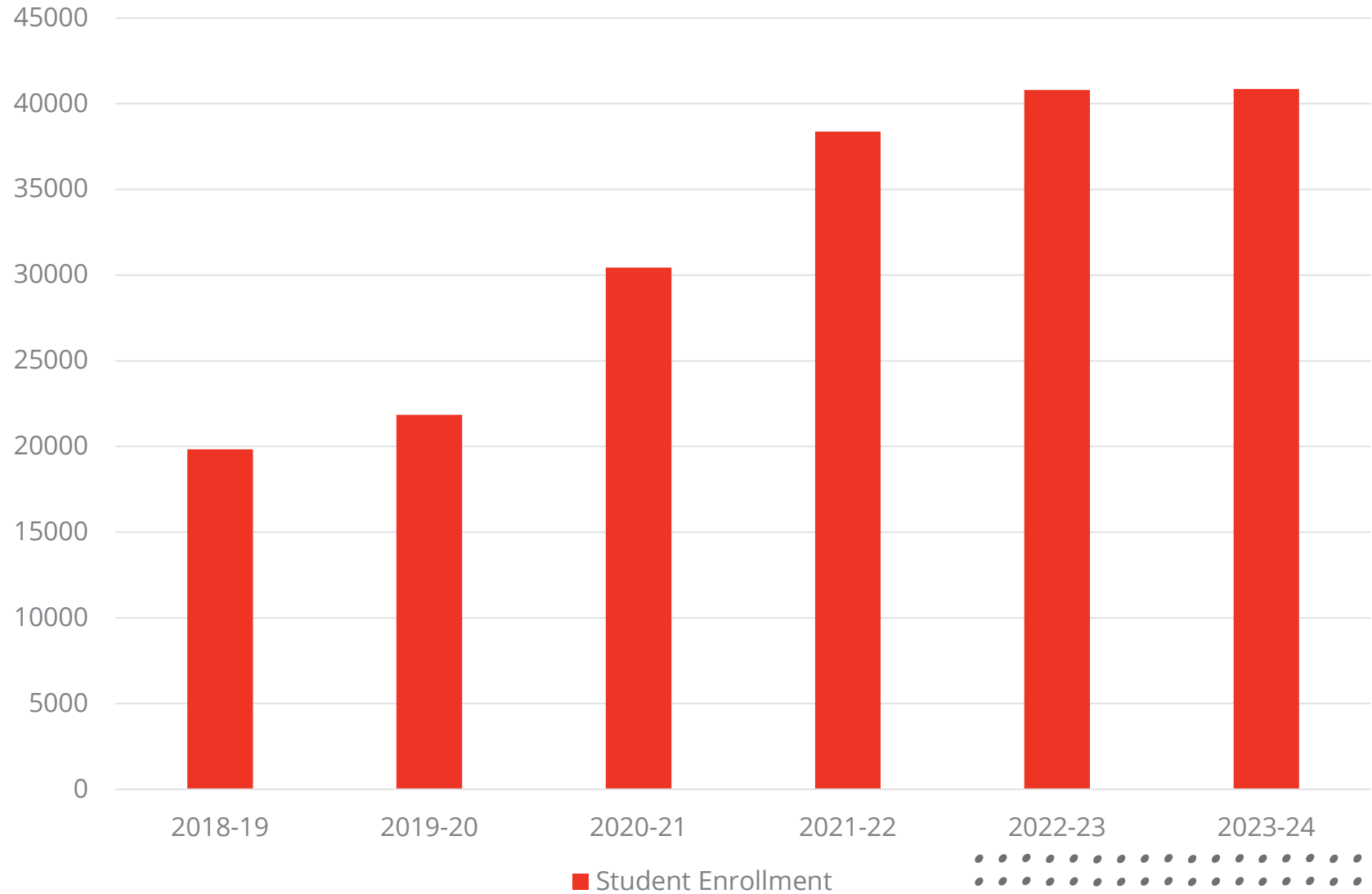


How many LEAs provide WBL?

- Currently 127 LEAs, including State Special Schools such as the Tennessee School for the Blind, participate in WBL.
- 2,339 educators currently have an active WBL certificate.
- LEA Spotlight:
 - [Bradley County Schools PIE Center](#): *"The PIE Innovation Center's VISION will create an intensive, strategic student experience through collaboration with business, industry, and nonprofit organizations. This educational experience will give students a vision for their future through embedded work-based learning and experiential learning in STEM, changing learning pathways, and promoting design thinking."*



Annual WBL Enrollment



Work-Based Learning

LEA Trends





Noted LEA Factors for WBL

- LEA and school-level leadership often determine whether to offer WBL courses and which WBL courses to offer.
- The following factors are often the main determinants of whether an LEA or school offers WBL courses for students:
 - Sufficient staffing numbers to support WBL,
 - Engaged external employer partners,
 - A dedicated WBL coordinator position, and/or
 - The ability to fund a school-based enterprise.



LEA Trends by County Economic Status

- There are 28 at-risk and eight distressed counties in Tennessee.
 - Because some counties have multiple LEAs, the total number of participating LEAs may exceed the number of counties per category.

Number of WBL Course Enrollments (Q2 2023-24)	Distressed	At-Risk
0-59	6	12
60-176	3	14
177-366	0	6
367 or higher	0	3
Total	9	35





Work-Based Learning

Special Population Participation

Student-Level Trends

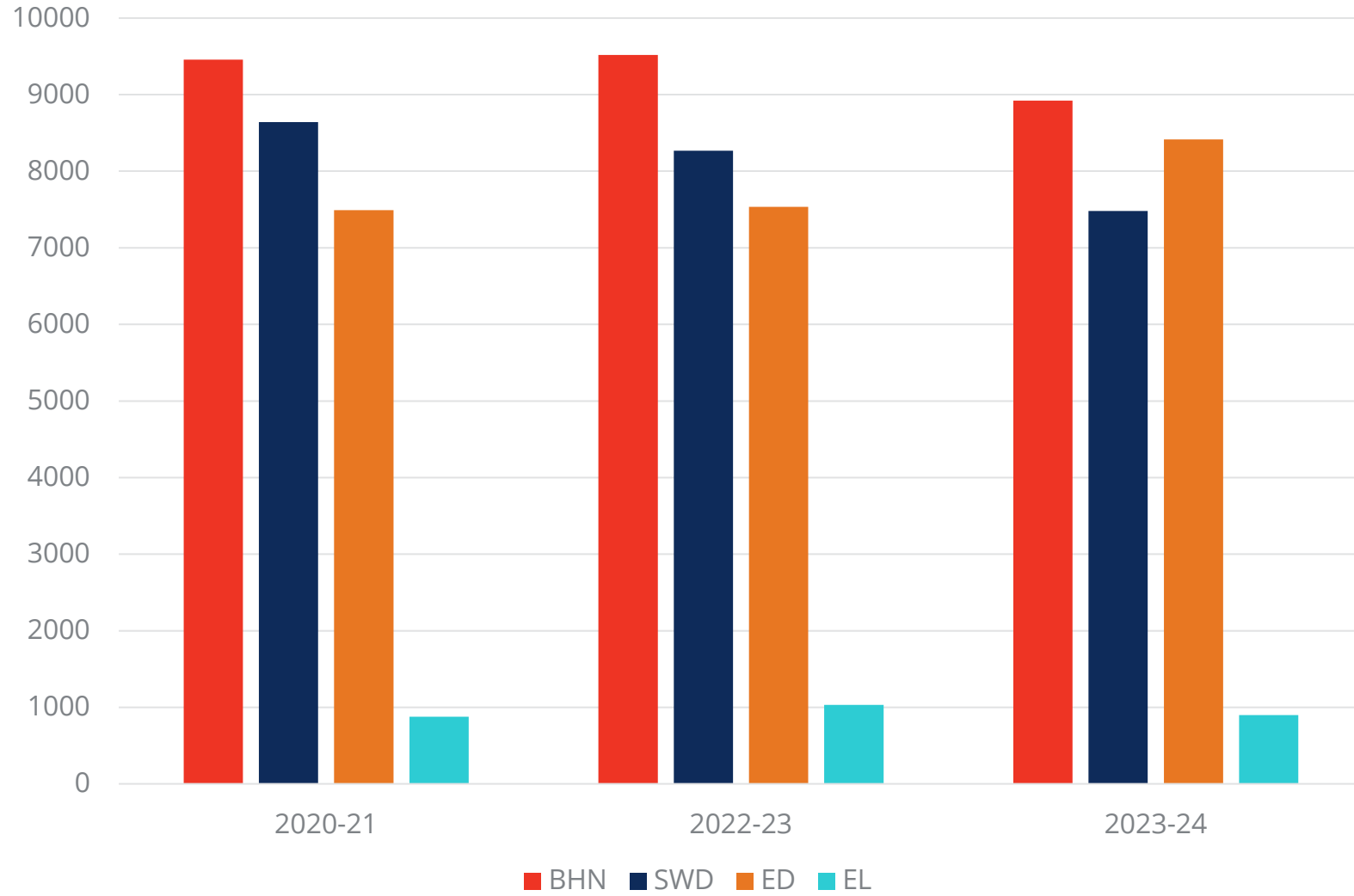
New Opportunities

Student Subgroup Participation in WBL

- The department also monitors participation by student subgroup.
- Student Subgroup Participation (2023-24):
 - 8,923 Black/Hispanic/Native American Students (BHN)
 - 7,479 Students with Disabilities (SWD)
 - 8,414 Economically Disadvantaged Students (ED)
 - 899 English Learners (EL)



Student Subgroup Participation in WBL





WBL Course Information

- A total of 78 courses are offered in Tennessee.
 - Each CTE Program of Study has its own WBL: Career Practicum course.
 - Non-CTE students have a General Education WBL: Career Practicum course.
 - Students with an IEP may enroll in any WBL course offered statewide.
 - WBL: Special Education Transition is available as a course option for students with moderate to severe disabilities.





Trends in WBL Course Offerings

- In partnership with Jobs for the Future, the department is piloting a new type of WBL course: Work-Based Courses (WBCs).
- WBCs are a hybrid of dual enrollment and WBL, which include the following innovative features:
 - LEAs must partner with a postsecondary institution.
 - The dual enrollment course must incorporate a partnership with at least one employer and/or school-based enterprise.
 - A minimum of 20 percent of the curriculum must be delivered through WBL experience at the employer or school-based enterprise.



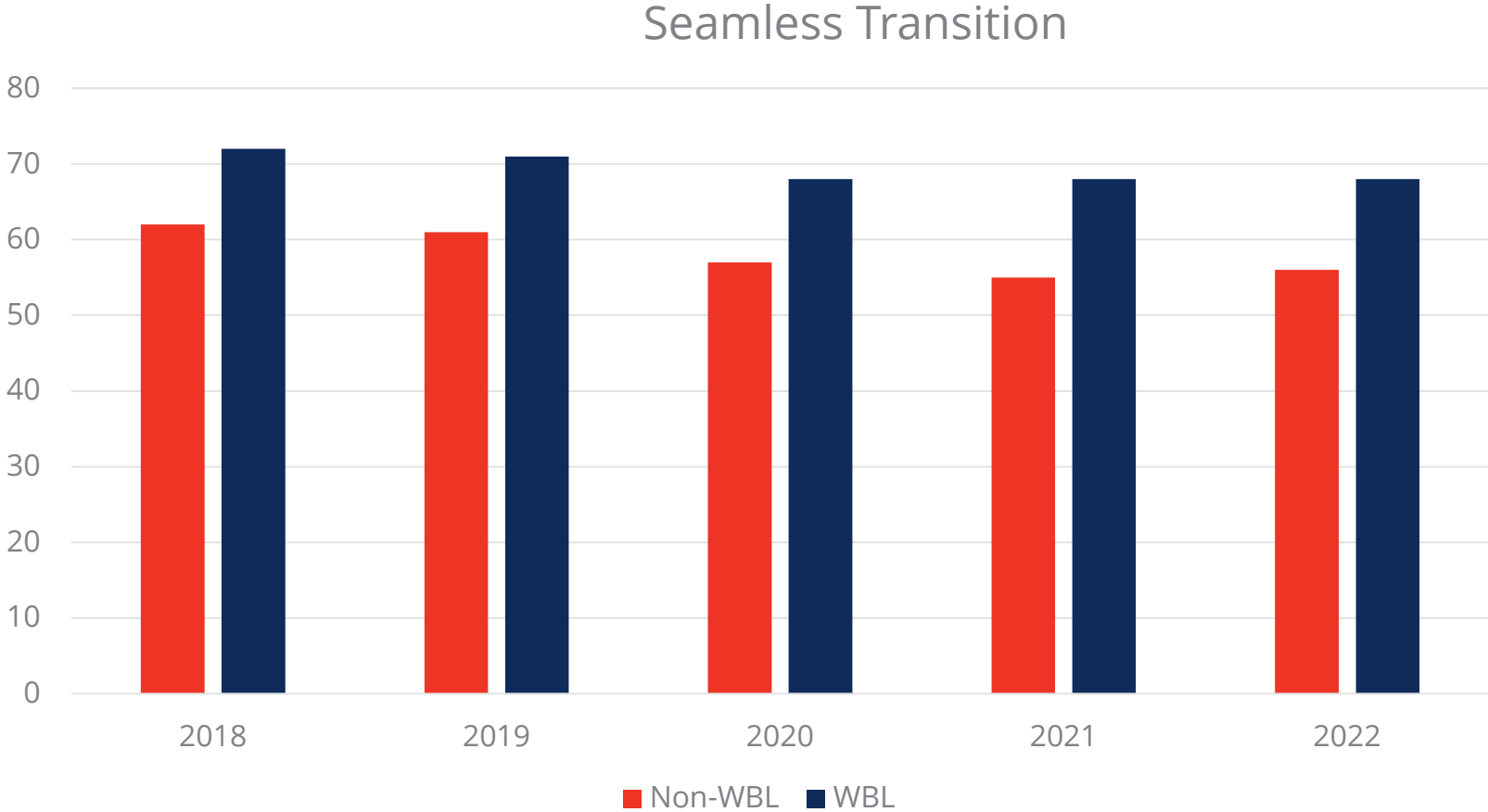
Work-Based Learning

Outcome Data Summary



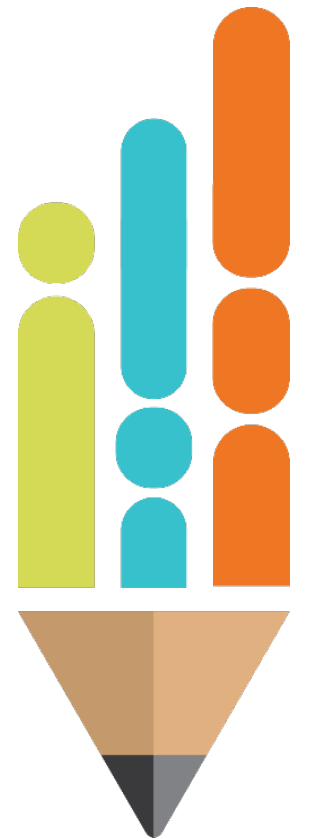
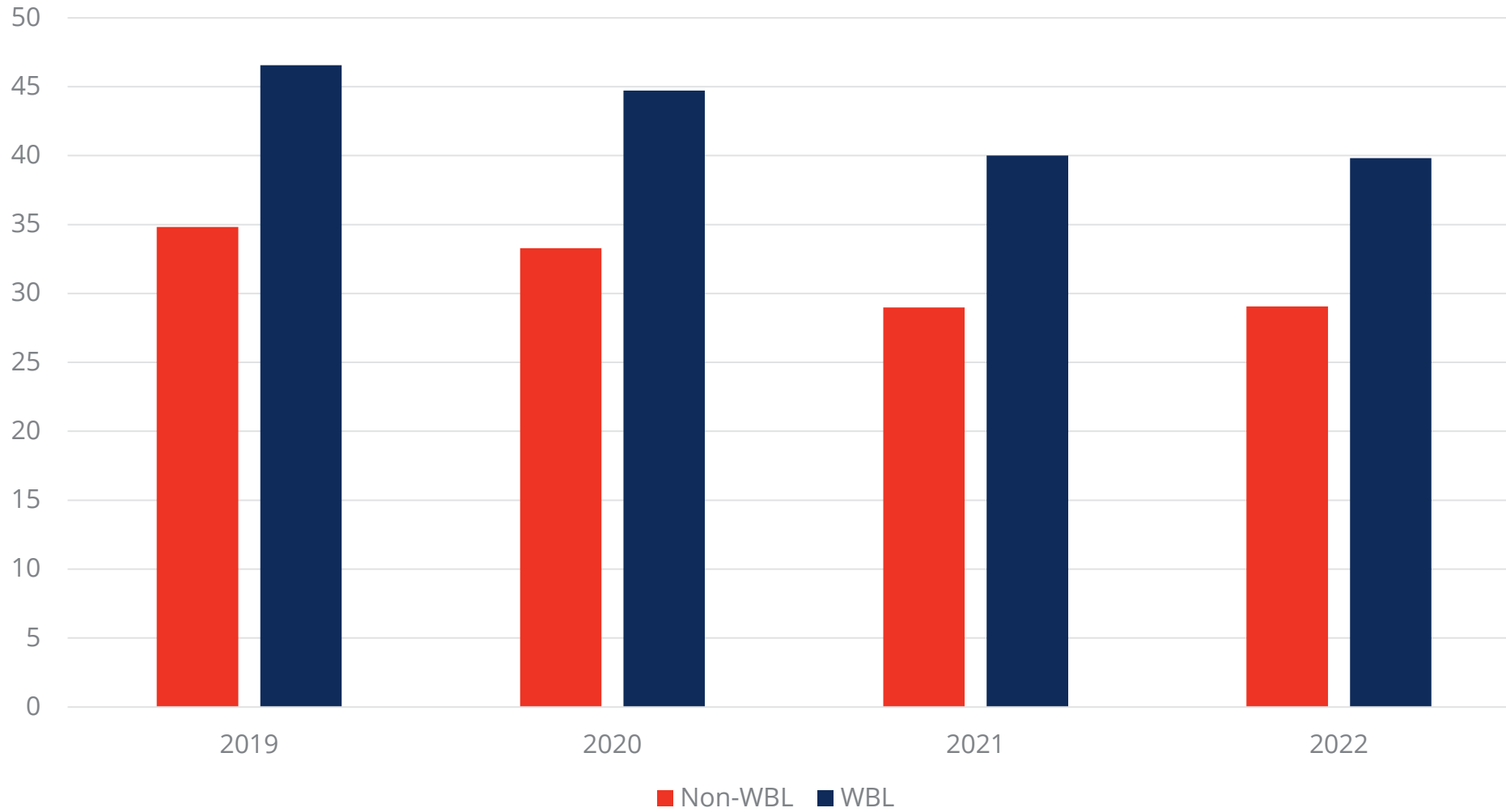
Seamless Transition to Postsecondary

- Non-WBL student vs. WBL student seamless transition



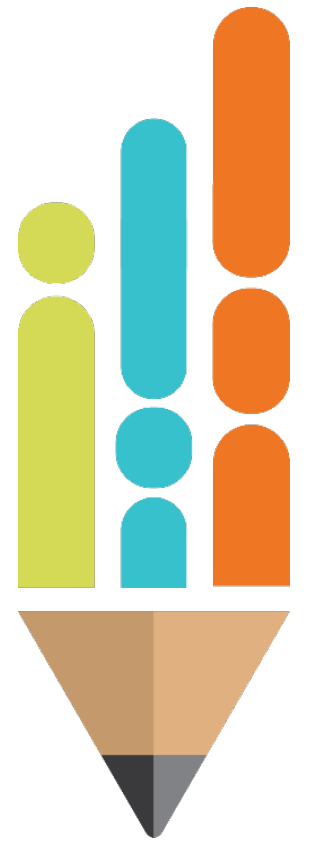
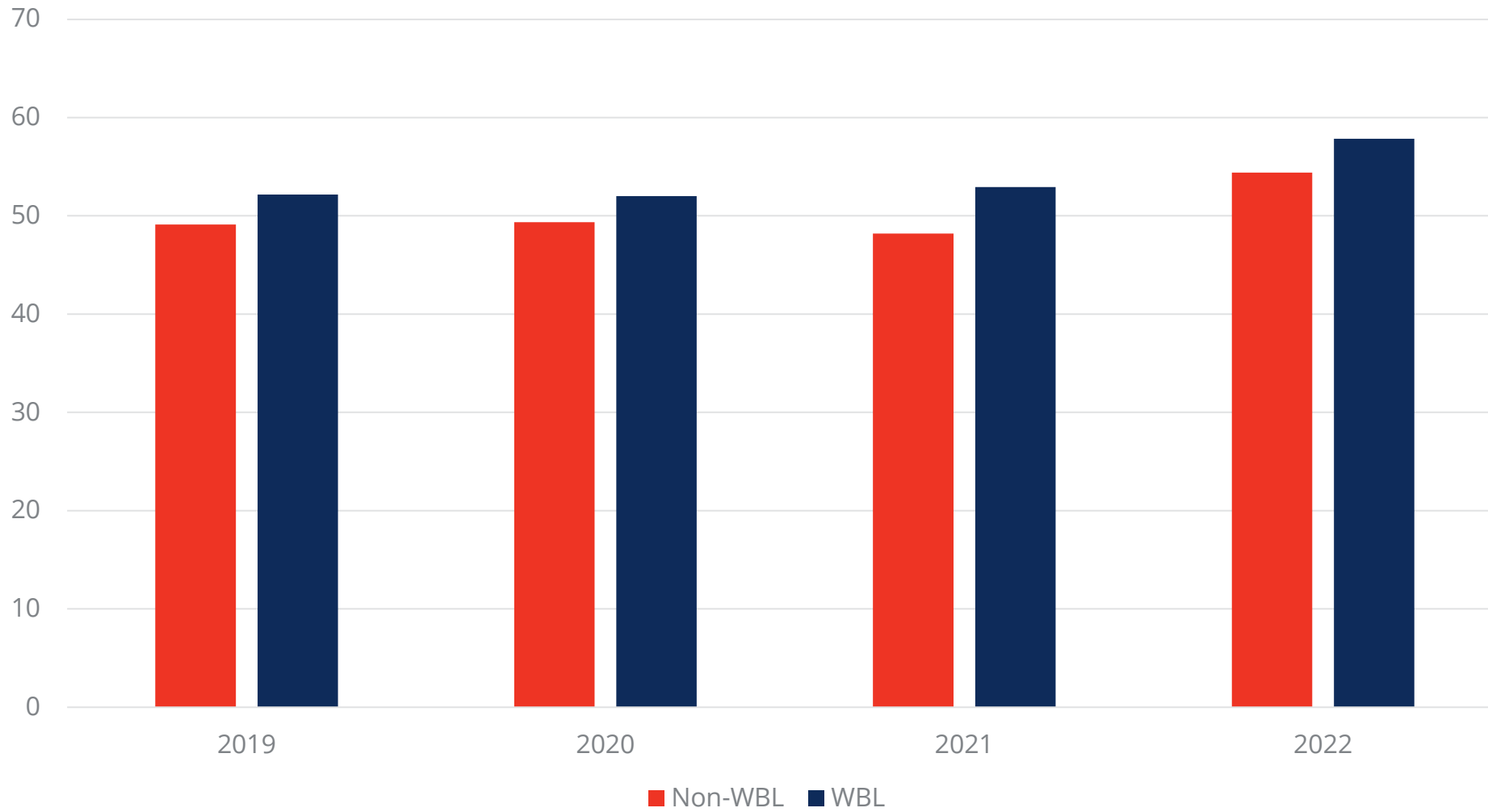
ACT Data

Percentage of Graduates Scoring 21 or Greater



Ready Graduate Data

Percentage of Ready Graduates





WBL Summary/Takeaways

- As the number of educators with active WBL certificates has grown, WBL enrollment has grown.
 - This indicates that increasing LEA capacity to offer WBL courses is likely very effective.
- As WBL enrollment has grown, subgroup participation has similarly kept pace.
- Many LEAs have indicated a desire to enhance WBL placements, linking more students to high-wage, in-demand, high-growth occupations.
 - Targeted LEA assistance requests and employer partner consultations have increased steadily since the 2020-21 school year.





Thank You!

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