

Career and Technical Education Pathways in Tennessee

**Early Postsecondary Opportunities, Work-Based
Learning, and Industry Credentials**

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AND ECONOMIC RESEARCH

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Introduction

Career and Technical Education (CTE) is an integral part of public education in Tennessee. There were 56 CTE programs of study available in school year 2022-23, organized in 16 career clusters.

About 57% of 12th graders are designated as CTE concentrators, meaning that they have taken at least two courses in a CTE program of study. A three-course sequence additionally satisfies the state’s elective focus requirement for high school graduation.

Along with early postsecondary opportunities (EPSOs), work-based learning (WBL), and industry credentials (ICs), CTE gives students a chance to look ahead to future career pathways.

This statistical abstract provides an in-depth overview of supplemental early career and postsecondary experiences for CTE students in four recent 12th grade cohorts: 2019-20 through 2022-23. Topics include EPSO, WBL, and IC participation for students engaged with 51 CTE programs.*

All results are descriptive and should not be interpreted as causal effects of CTE or CTE programs.

See our companion report for more: [“Career and Technical Education Pathways in Tennessee: Program Access, Engagement, and Labor Market Alignment.”](#)

Data

Student-Level Data

The Tennessee Department of Education (TDOE) and Office of Evidence and Impact provided de-identified data on student enrollment, course-taking, assessments, industry credentials, and student characteristics including demographics, disability identification, and economic disadvantage. We accessed these data within the secure TNDATA P-20 data environment.

Statistics describing fewer than 10 students—either directly or indirectly—are suppressed and marked with an asterisk.

CTE Courses

We integrated student-level data with several sources of information on CTE pathways, dual enrollment, statewide dual credit, and work-based learning course designations, and aligned jobs (as determined by TDOE). Most importantly, we used TDOE Program of Study matrices from several recent academic years to link course codes in the enrollment data to CTE programs of study. These linkages are the foundation for our measures of CTE access and engagement with each program.

Definitions

CTE Program of Study

A collection of courses related to a well-defined field of work. Each program of study includes one or more courses at level 1, level 2, level 3, and level 4, including work-based learning and early postsecondary opportunities. For example, in the “Industrial Maintenance Technology” program, students might take Principles of Manufacturing (level 1), Introduction to Industrial Maintenance (level 2), Advanced Industrial Maintenance (level 3), and Manufacturing Practicum (level 4 and work-based learning).

Career Cluster

Groups of CTE programs that are related to a well-defined industry or occupation group. For the cohorts we study, there were 16: Advanced Manufacturing; Agriculture, Food, & Natural Resources; Architecture & Construction; Arts, Audio/Visual Technology, & Communications; Business Management & Administration; Education & Training; Finance; Government & Public Administration; Health Science; Hospitality & Tourism; Human Services; Information Technology; Law, Public Safety, Corrections, & Security; Marketing, Distribution, & Logistics; Science, Technology, Engineering, & Mathematics; and Transportation.

Definitions

Student CTE Engagement Level

We determine each student’s engagement with each CTE program by the depth of their course-taking across level 1, level 2, level 3, and level 4 listed courses. None of these designations should be viewed as equivalent to CTE concentration, which depends on additional information that we do not observe, such as school-level program offerings and students’ grades or earned credits in CTE courses.

- A student is “Level II” in a program if they have taken level 1 and level 2 courses in that program but not level 3-4 or work-based learning.
- A student is “Level III” if they have taken level 1, level 2, and level 3 courses in a program, but not a level 4 course or work-based learning.
- A student is “Level IV” if they have taken level 1, level 2, level 3, and level 4 courses in a program. Following TDOE, we count work-based learning as a level 4 course.
- Finally, a student is “Level III plus” if they meet either the Level III or Level IV definition.

Some courses can be credited toward different levels of a program sequence. Medical Therapeutics and AP Computer Science are two examples of this. We allow such courses to count for each of the levels where they are valid, but we condition Level II, Level III, and Level IV status on having taken at least 2, 3, or 4 different courses in a program sequence.

Additionally, a small number of courses can be taken multiple times and count toward more than one level. For example, a student could take Collision Repair: Painting & Refinishing up to three times for level 2, level 3, and level 4 credit in the Automotive Collision Repair program. We allow for multiple sittings of these classes and allow them to count for more than one level.

Definitions

Health Science CTE Engagement

Some course sequences are duplicated across programs of study, particularly in Health Sciences. For example, in our construction, a student who takes Health Science Education, Anatomy & Physiology, and Medical Therapeutics would count as a Level III student in four different programs within the Health Science career cluster. The Emergency Services, Nursing Services, Sport and Human Performance, and Therapeutic Services programs each count those three courses as, respectively, level 1, level 2, and level 3. Those four programs, as well as the fifth program in Health Science (Diagnostic Services) also overlap in their early postsecondary and work-based learning options.

Rather than arbitrarily assign multi-program Health Science students to one of the various possibilities, or consider students as engaged in all possible programs where their coursework might count, we treat the five Health Science CTE programs as one large program.

Definitions

Early Postsecondary Opportunities

- Dual Enrollment Courses: A college-level course offered by a postsecondary institution and cross-listed with a high school course. Dual enrollment students can earn both high school and postsecondary credit.
- Statewide Dual Credit Courses: A high school course where a student can earn college credit by passing a dual credit challenge exam. We observe Statewide Dual Credit course-taking but not exam outcomes.
- College Credit Exam Attempts: The number of Advanced Placement, Cambridge International Examinations, College Level Examinations, and International Baccalaureate Exams that a student took.
 - Advanced Placement Course: A high school course where students can earn college credit by passing an Advanced Placement Exam.
 - Cambridge International Examination: An exam where certain scores may count for college credit.
 - College Level Examination Program: An exam where certain scores may count for college credit.
 - International Baccalaureate Exam: An exam where certain scores may count for college credit.

Definitions

Total Early Postsecondary Opportunities

- For each 12th grade student, we define total EPSOs to be the total number of courses and exam attempts where a student had the opportunity to earn postsecondary credit, equal to the sum of their dual enrollment classes, statewide dual credit classes, Advanced Placement exams, Cambridge International Examinations, College Level Examination Program exams, and International Baccalaureate exams.
- We count all EPSOs, regardless of whether they are part of a CTE program sequence.
- Note that we observe course taking but not course credits.

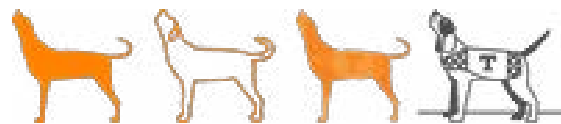
	Student A	Student B
Number of dual enrollment courses taken	2	1
Number of statewide dual credit courses taken	0	1
Number of AP, CIA, IB, and CLEP exam attempts	4	2
Total EPSOs	6	4

Definitions

Work Based Learning and Industry Credentials

- Work Based Learning: A course taken for high school credit that may involve an outside internship, apprenticeship, practicum, paid work experience, or industry-led project-based learning. We count all work-based learning courses, regardless of whether they are part of a CTE program sequence.
- Industry Credential (IC): A certification, certificate, postsecondary credential, or license that TDOE has designated as Recognized, Valued, or Preferred.
 - Tier 1 Industry Credentials (“Recognized”) are the lowest tier listed by TDOE. An example is the OSHA 10-Hour Training for Construction, where students learn about basic job-related safety procedures and hazard avoidance. OSHA 10 training can be completed in two days.
 - Tier 2 Industry Credentials (“Valued”) are the middle tier listed by TDOE. An example is the Electric Vehicle Fundamentals credential, which is available as a 75-hour self-paced course with a certifying exam.
 - Tier 3 Industry Credentials (“Preferred”) are the highest tier listed by TDOE. An NCCER Welding Level One credential or a private pilot license are two examples of industry credentials with TDOE Preferred designations.

Statewide Profile

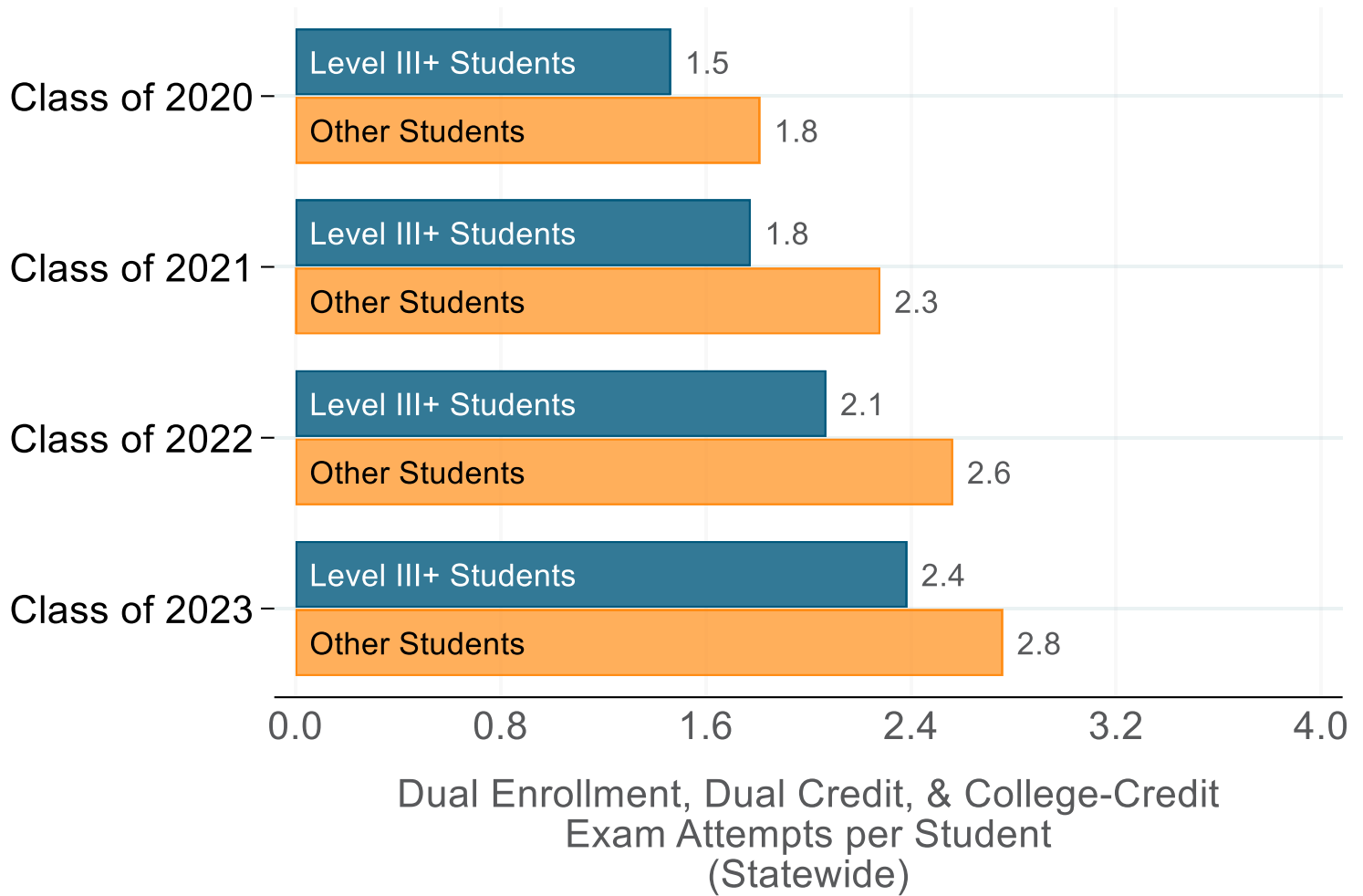


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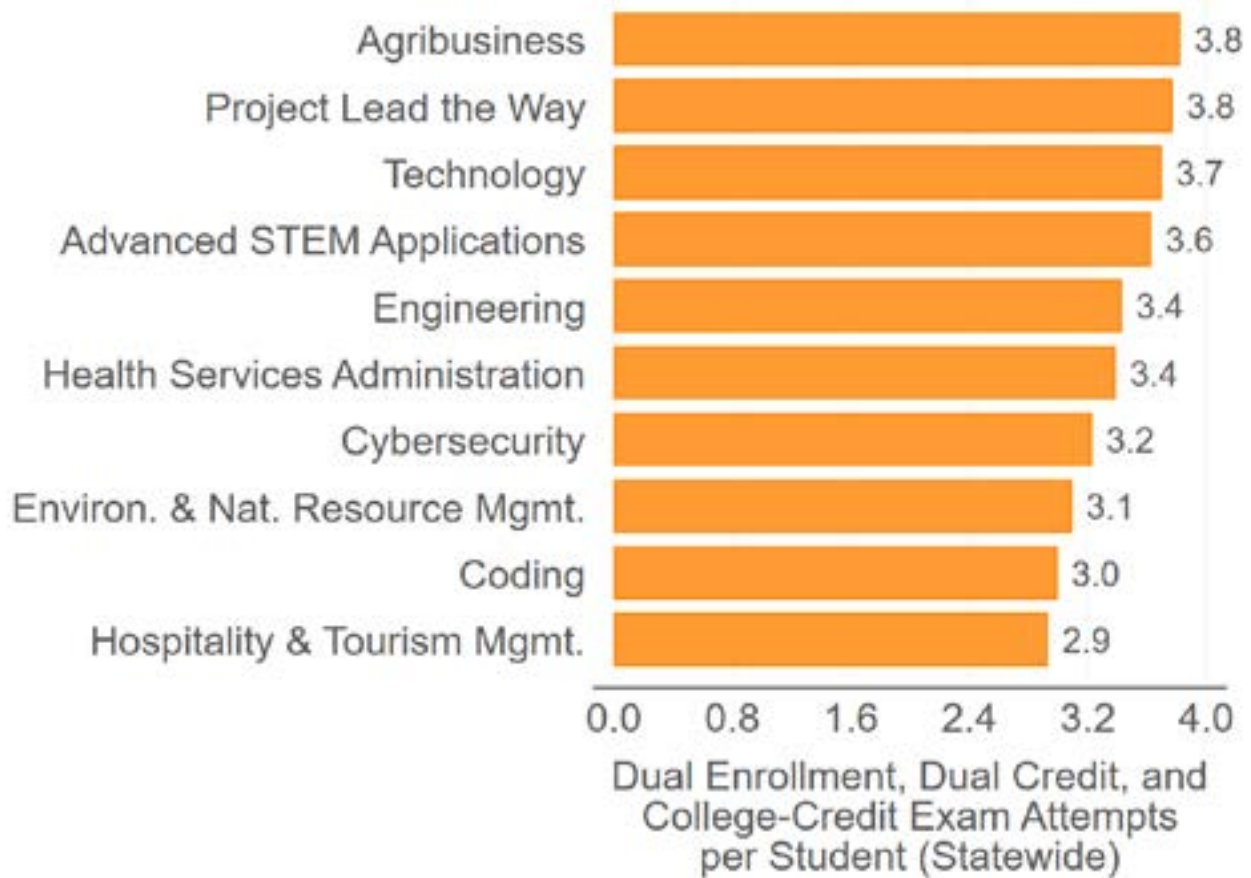
Early Postsecondary Opportunities, Statewide

EPSOs are on the rise. Students who are more engaged in CTE take fewer EPSOs.



Top 10 Programs for EPSO Participation, Statewide

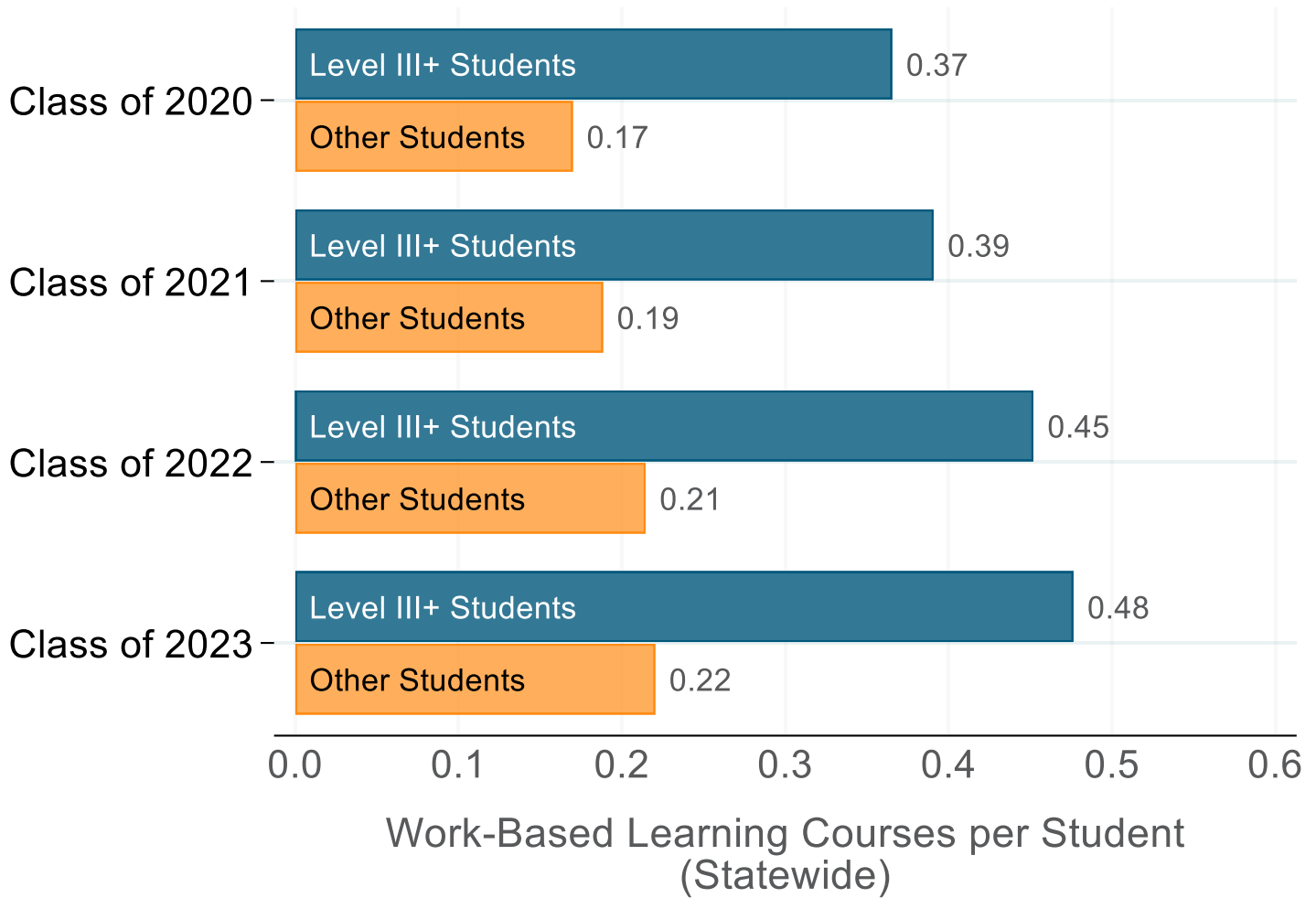
Agribusiness students have almost 4 EPSOs each, on average, more than any other program.



*Project Lead the Way was retired in 2023-24.

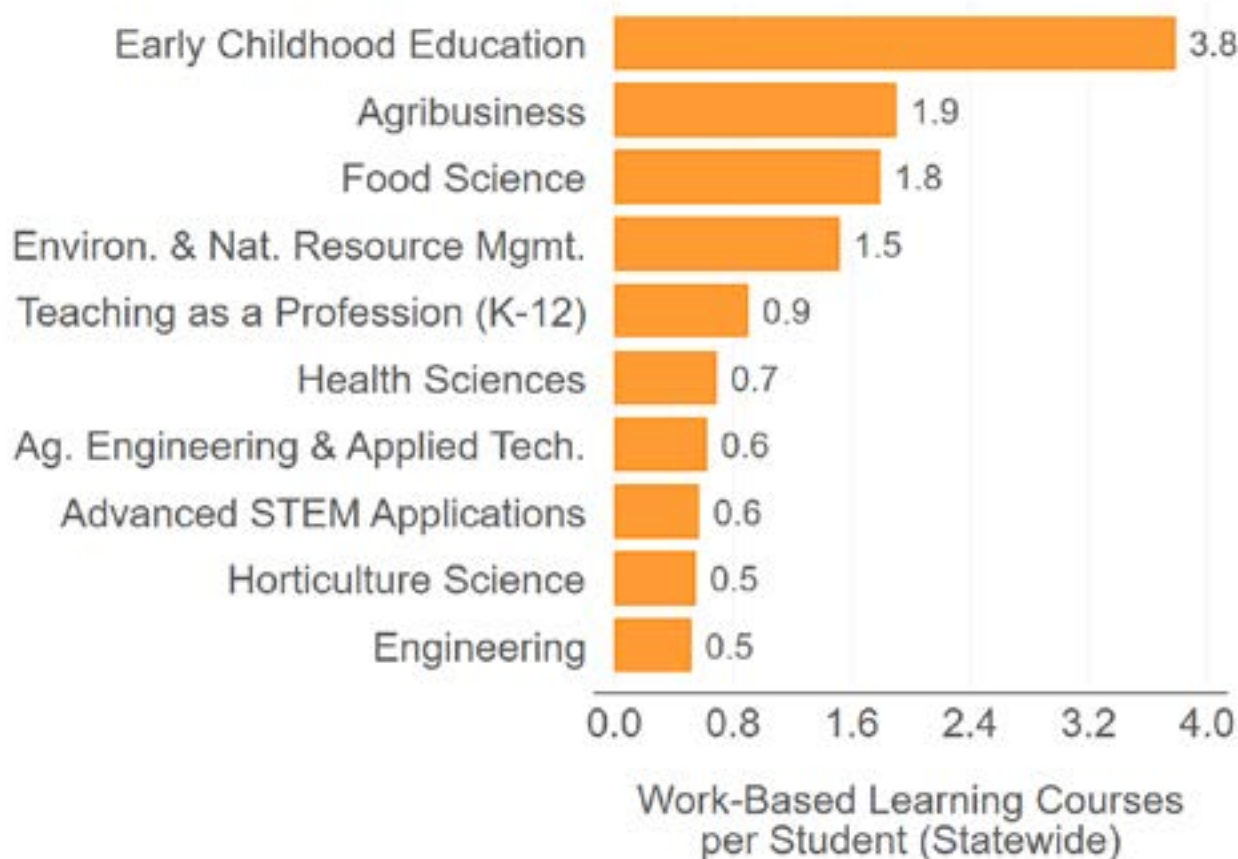
Work-Based Learning, Statewide

Students who are more engaged in CTE take more than twice as many work-based learning courses.



Top 10 Programs for Work-Based Learning, Statewide

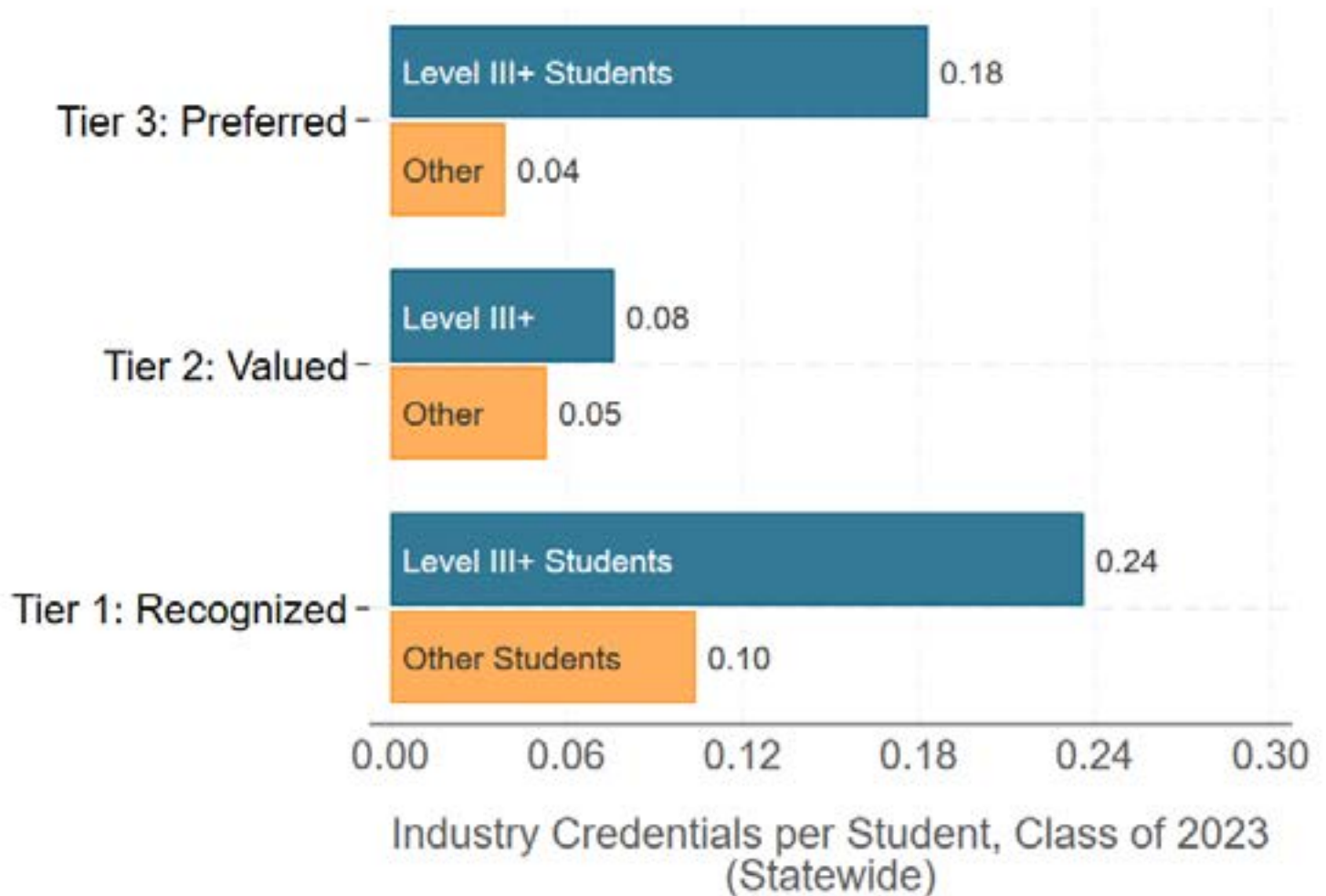
Students in Education and Agriculture programs have the most work-based learning coursework.



* We combine five Health Science programs into one, due to overlapping course sequences in Diagnostic Services, Emergency Services, Nursing Services, Sport and Human Performance, and Therapeutic Services.

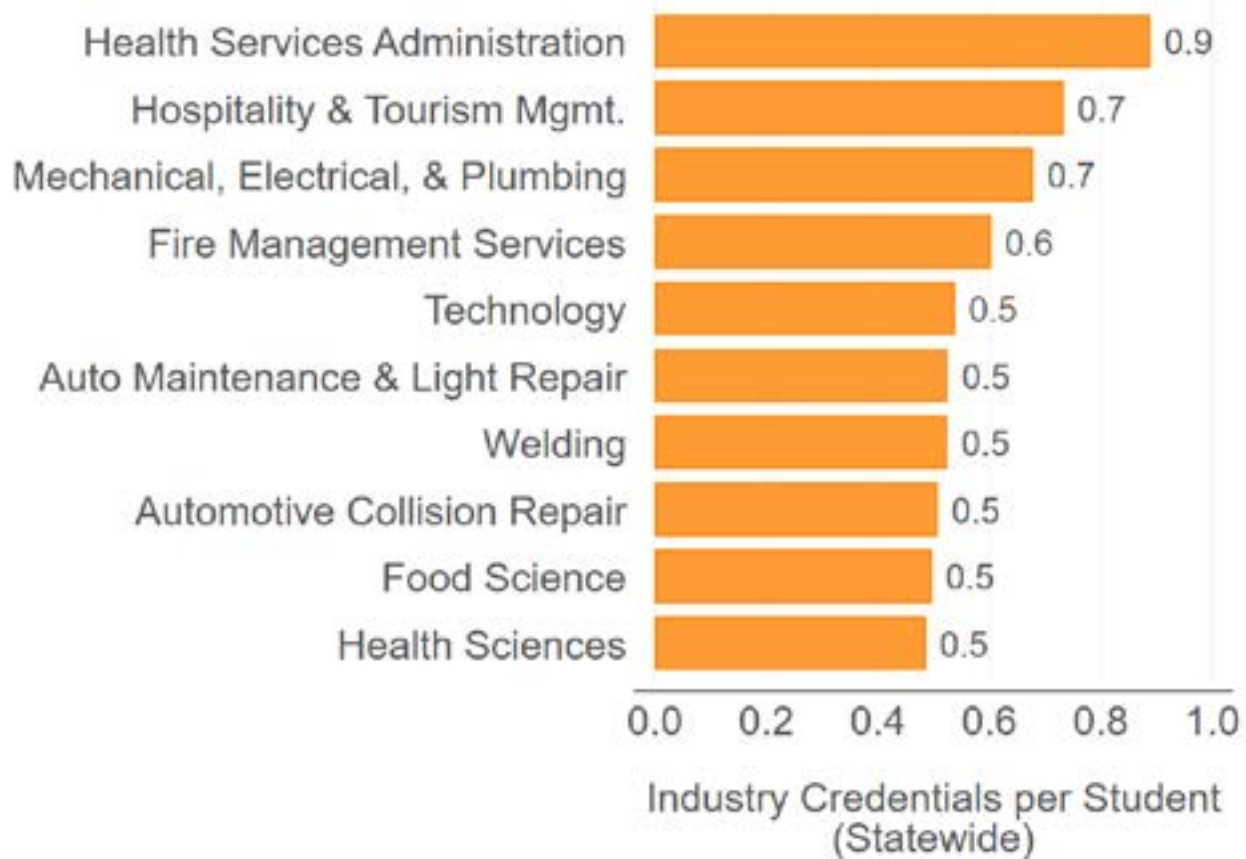
Industry Credentials, Statewide

Students who are more engaged in CTE earn more industry credentials than other students.



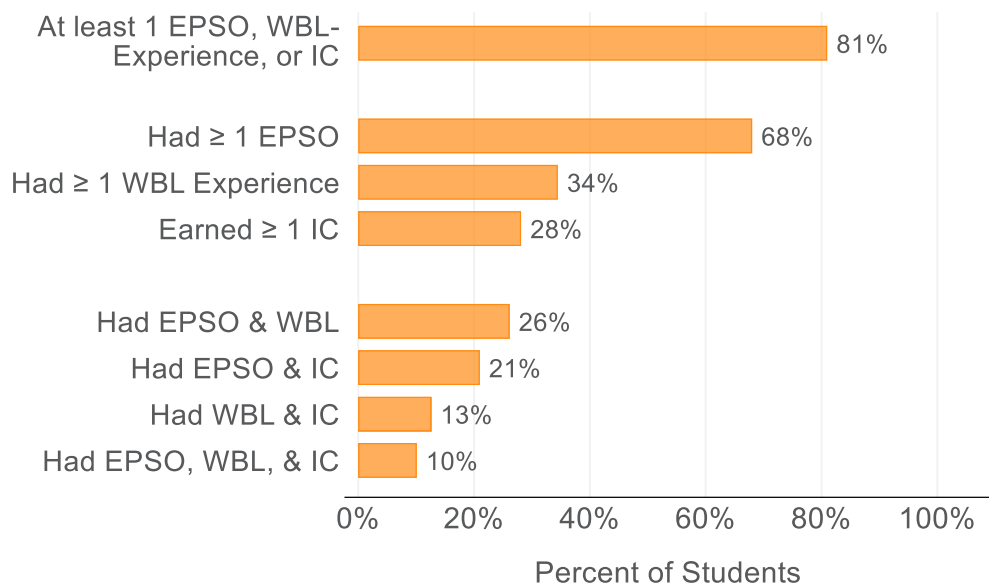
Top 10 Programs for Industry Credentials, Statewide

The top 10 programs for credential attainment are spread across 9 different career clusters.



* We combine five Health Science programs into one, due to overlapping course sequences in Diagnostic Services, Emergency Services, Nursing Services, Sport and Human Performance, and Therapeutic Services.

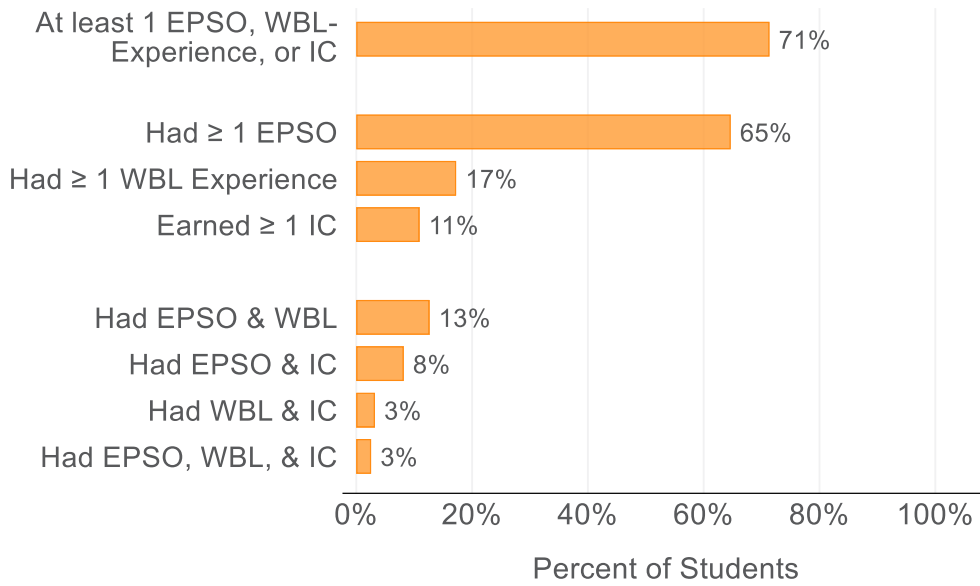
Statewide Level III+ Students: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 62,931 Level III+ students)
EPSO Participation	140,437	2.23
Work-Based Learning (WBL) Courses	29,224	0.46
Industry Credentials – Tier 1 (Recognized)	10,633	0.17
Industry Credentials – Tier 2 (Valued)	3,593	0.06
Industry Credentials – Tier 3 (Preferred)	9,259	0.15

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

Statewide Students Below Level III: Early Postsecondary & Workforce Experiences

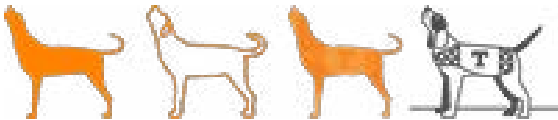


	Total Experiences	Per Student (out of 68,282 Level III+ students)
EPSO Participation	181,670	2.66
Work-Based Learning (WBL) Courses	14,841	0.22
Industry Credentials – Tier 1 (Recognized)	4,925	0.07
Industry Credentials – Tier 2 (Valued)	2,695	0.04
Industry Credentials – Tier 3 (Preferred)	1,981	0.03

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level I students, Level II students, and students without CTE in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

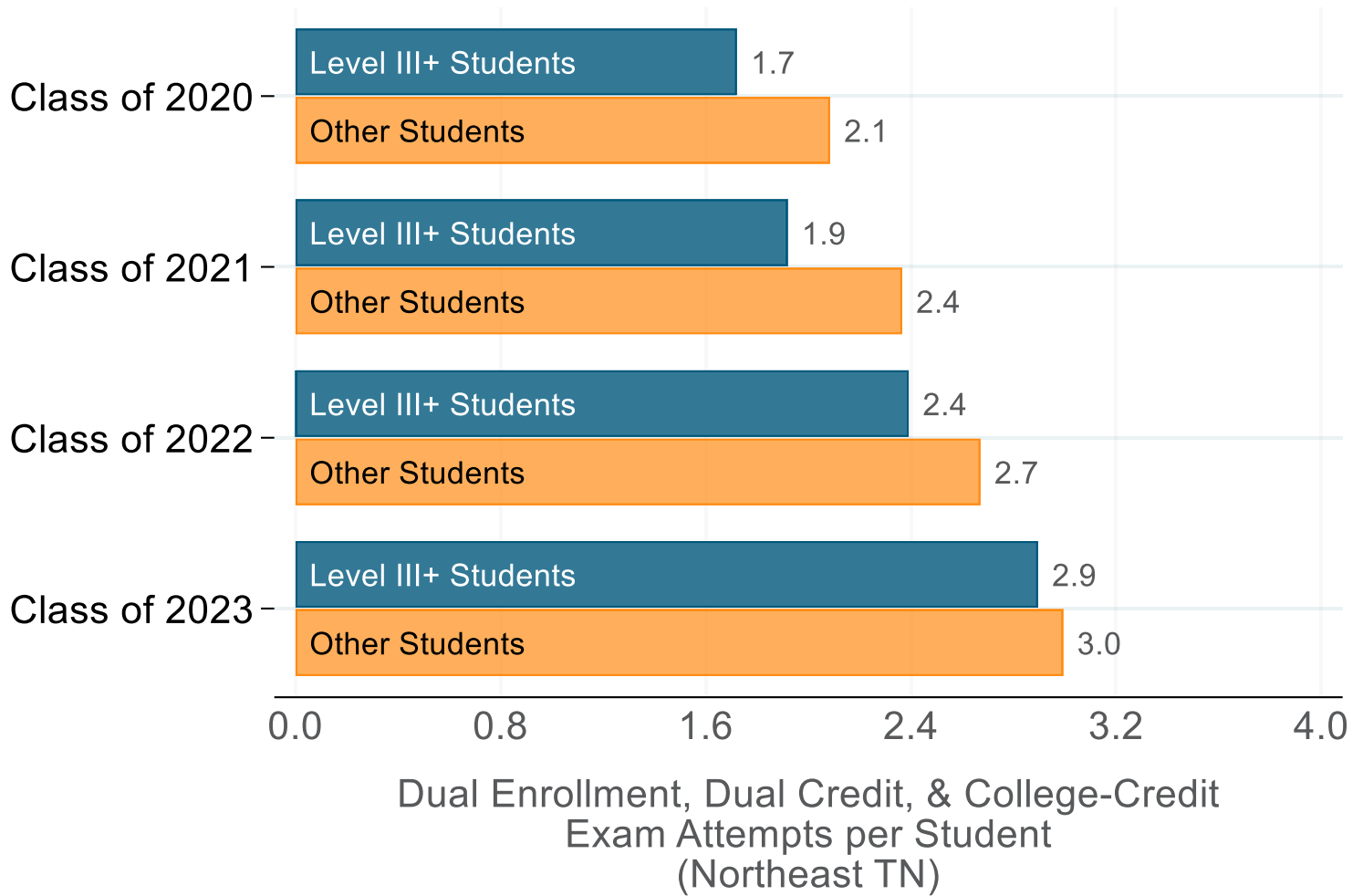
Regional Profiles

- Northeast Tennessee



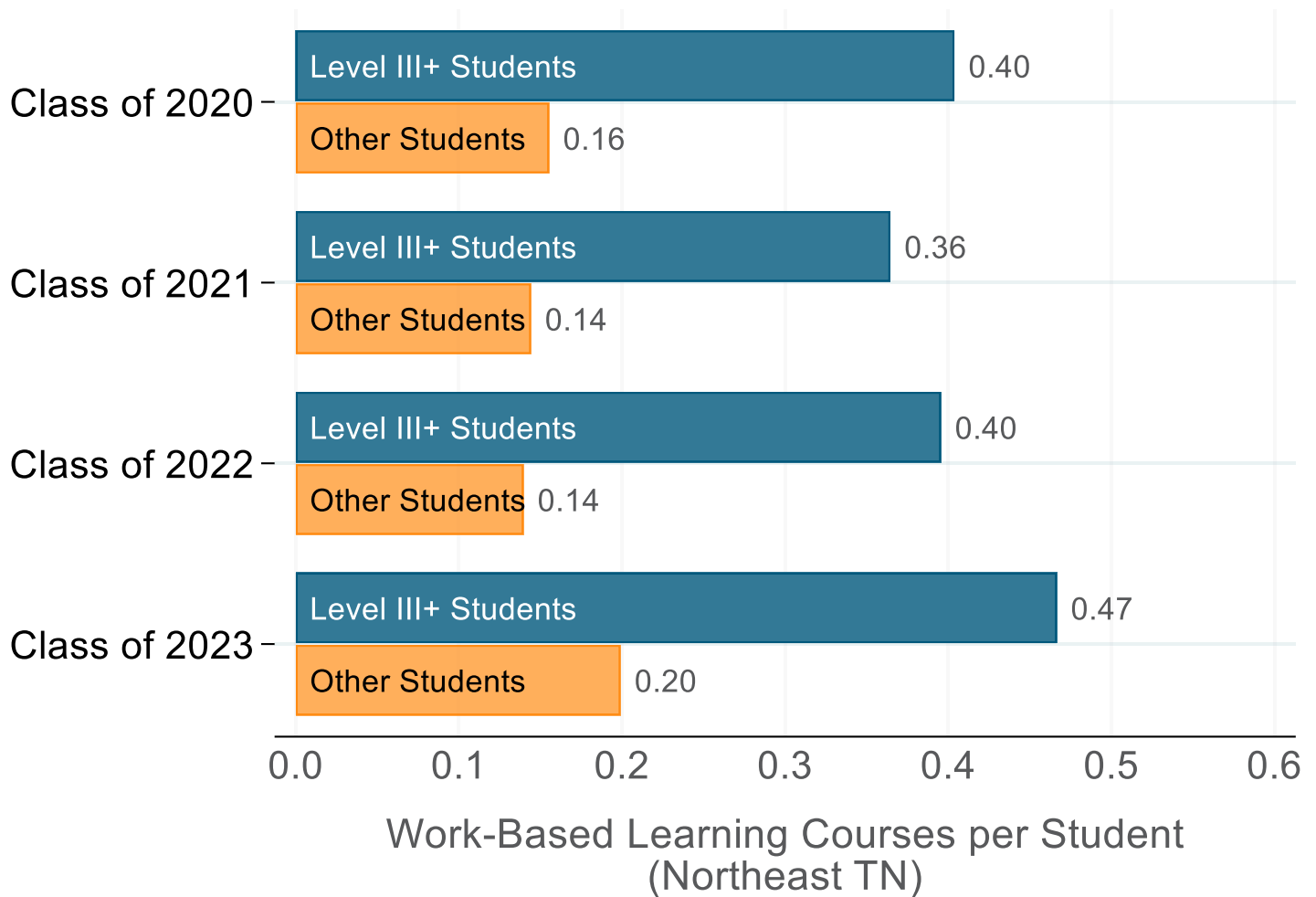
Early Postsecondary Opportunities, Northeast Tennessee

Northeast Tennessee CTE students are taking about as many college credit classes and exams as other students.



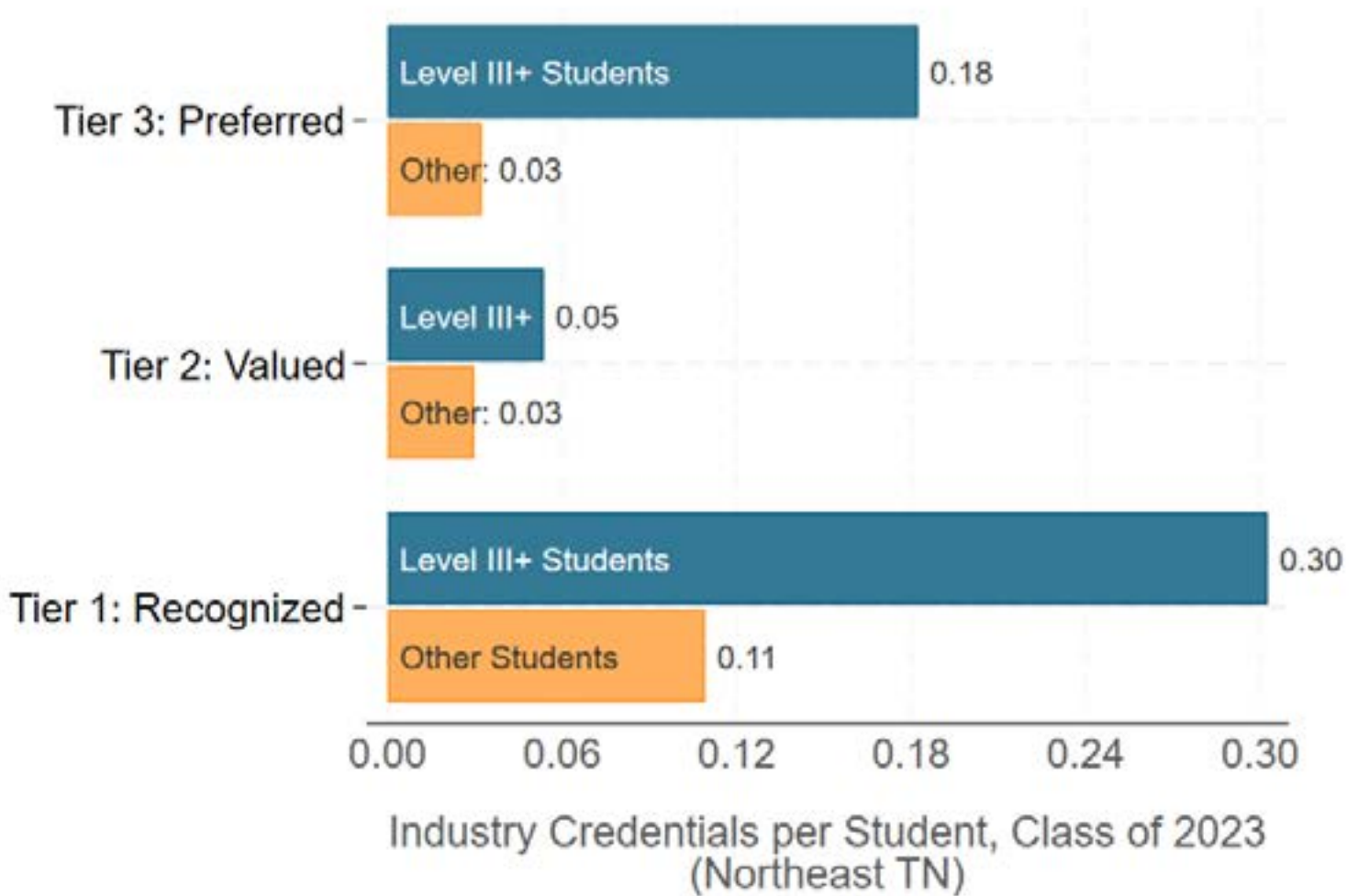
Work-Based Learning, Northeast Tennessee

Northeast Tennessee CTE students take more than twice as many work-based learning classes as other students.



Industry Credentials, Northeast Tennessee

Northeast Tennessee CTE students earn more industry credentials than other students, including 6 times as many of the top-rated Tier 3 credentials.



Regional Profiles

- East Tennessee

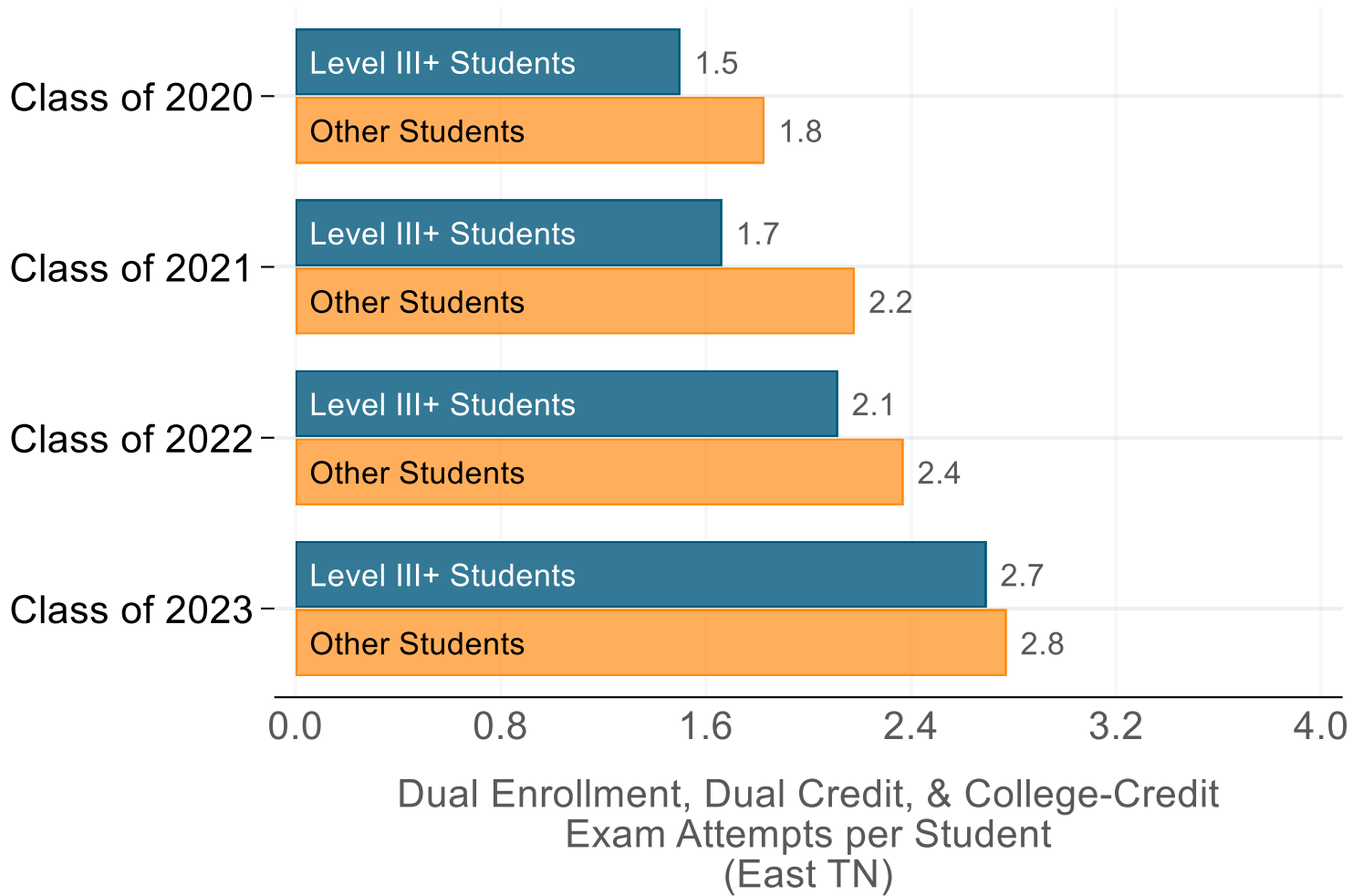
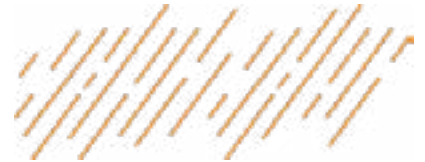


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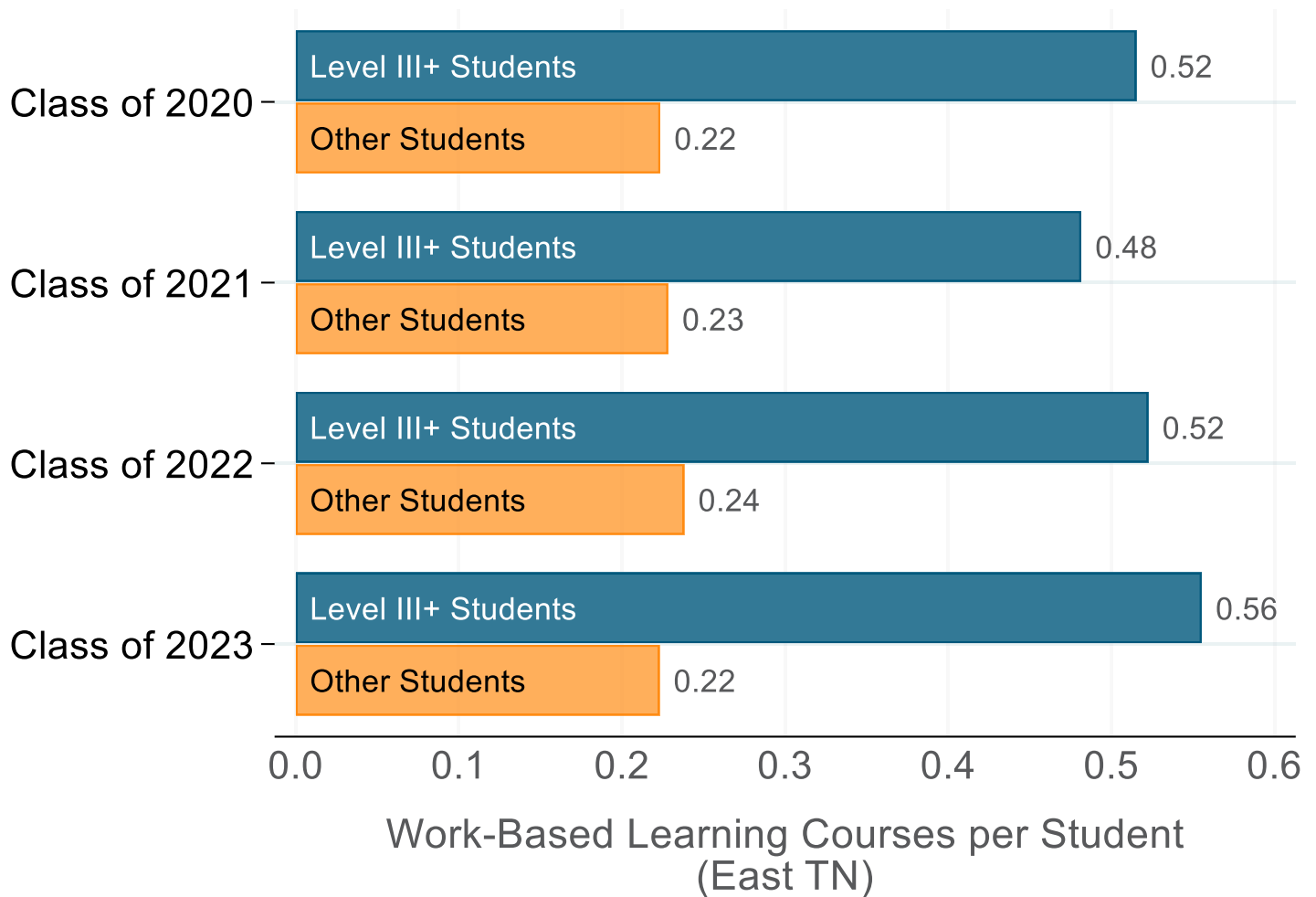
Early Postsecondary Opportunities, East Tennessee

In East Tennessee, CTE students now take about as many college credit classes and exams as other students.



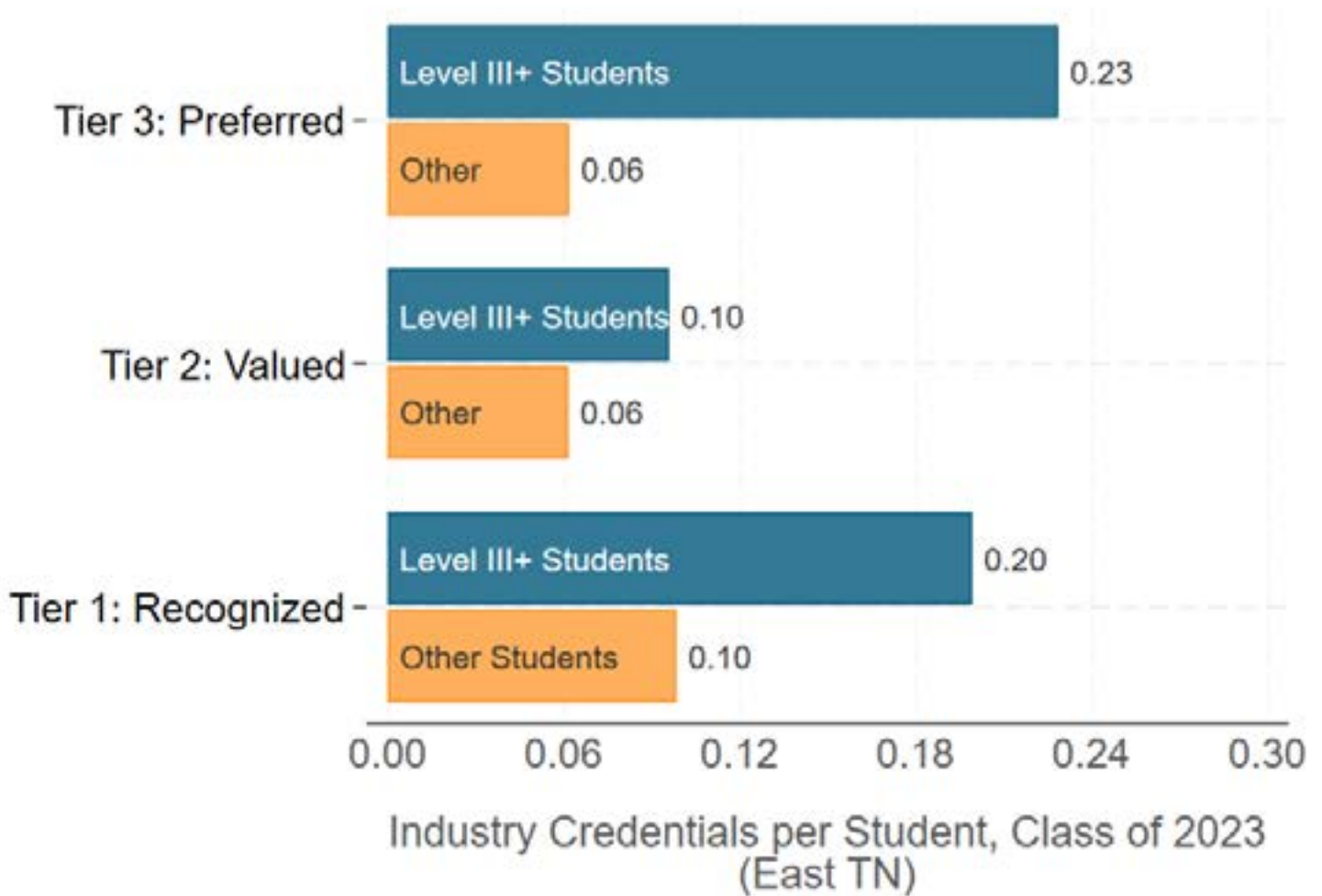
Work-Based Learning, East Tennessee

In East Tennessee, CTE students take more than twice as many work-based learning courses as other students.



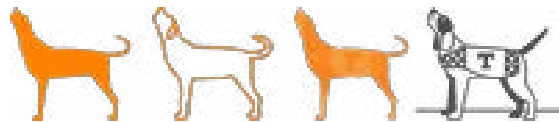
Industry Credentials, East Tennessee

CTE students in East Tennessee earn more industry credentials than other students, including almost 4 times as many of the top-rated Tier 3 credentials.



Regional Profiles

- Upper Cumberland

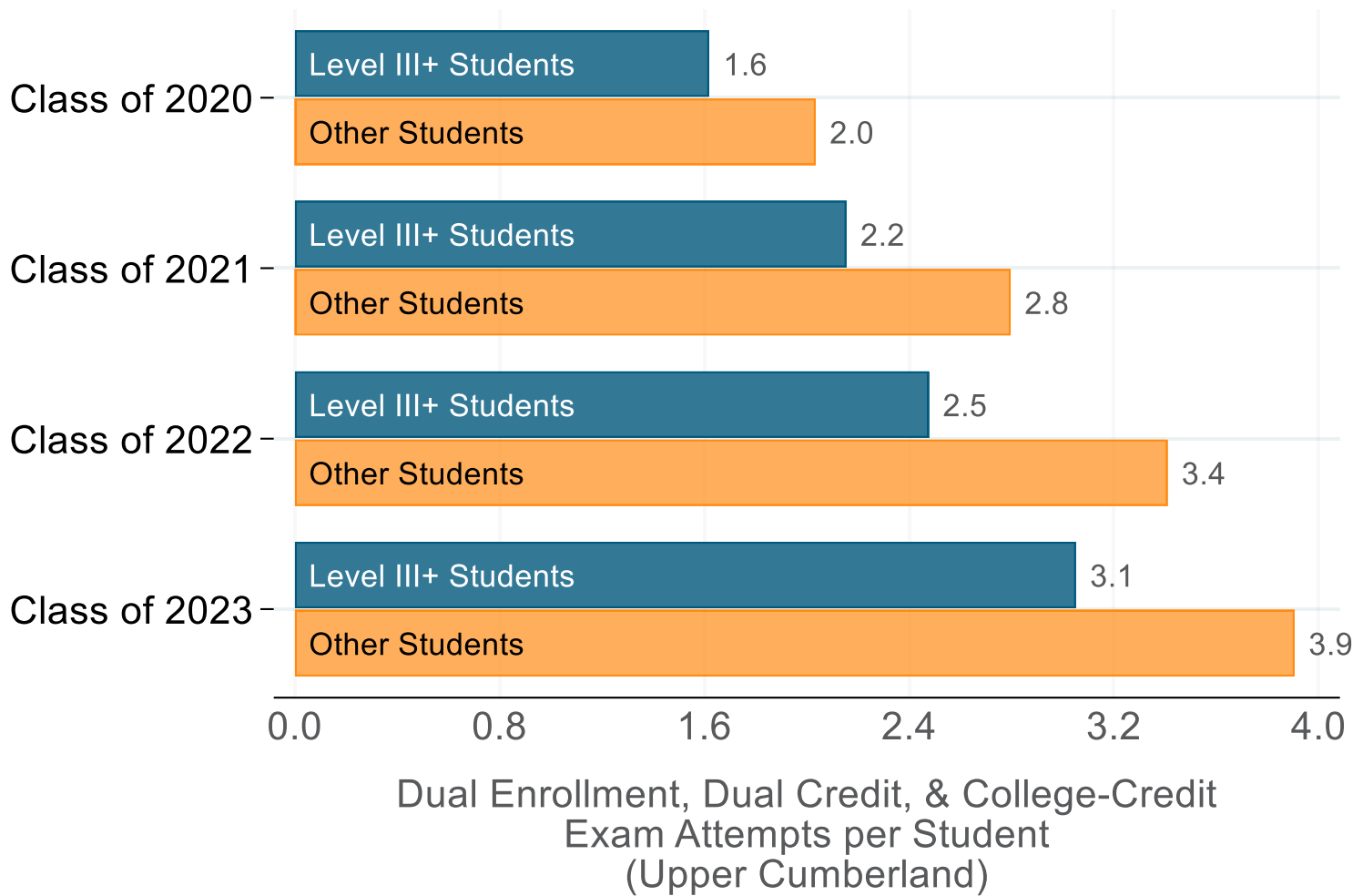


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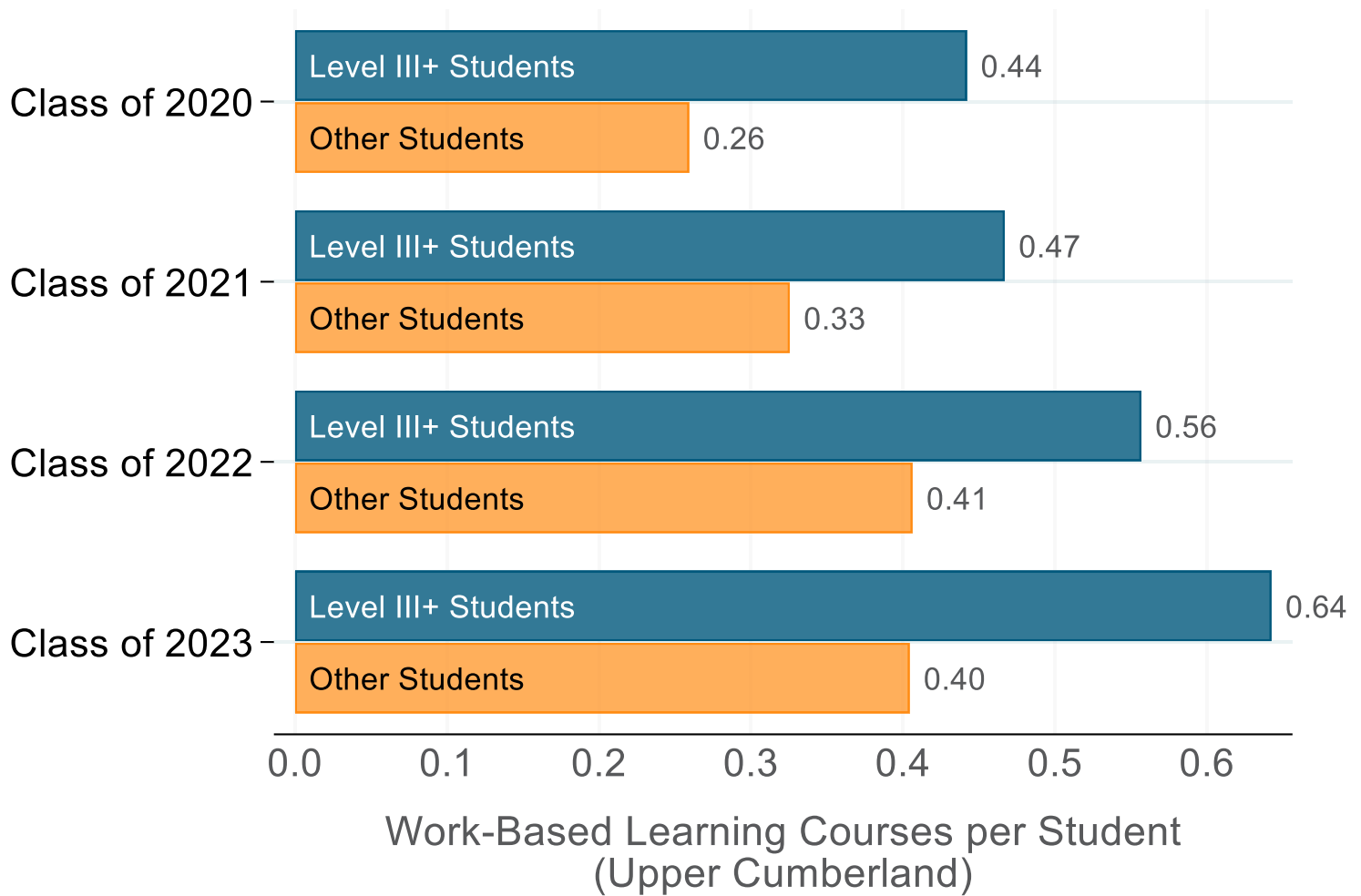
Early Postsecondary Opportunities, Upper Cumberland

In Upper Cumberland Tennessee, CTE students have fewer EPSOs than others but more EPSOs than the state average.



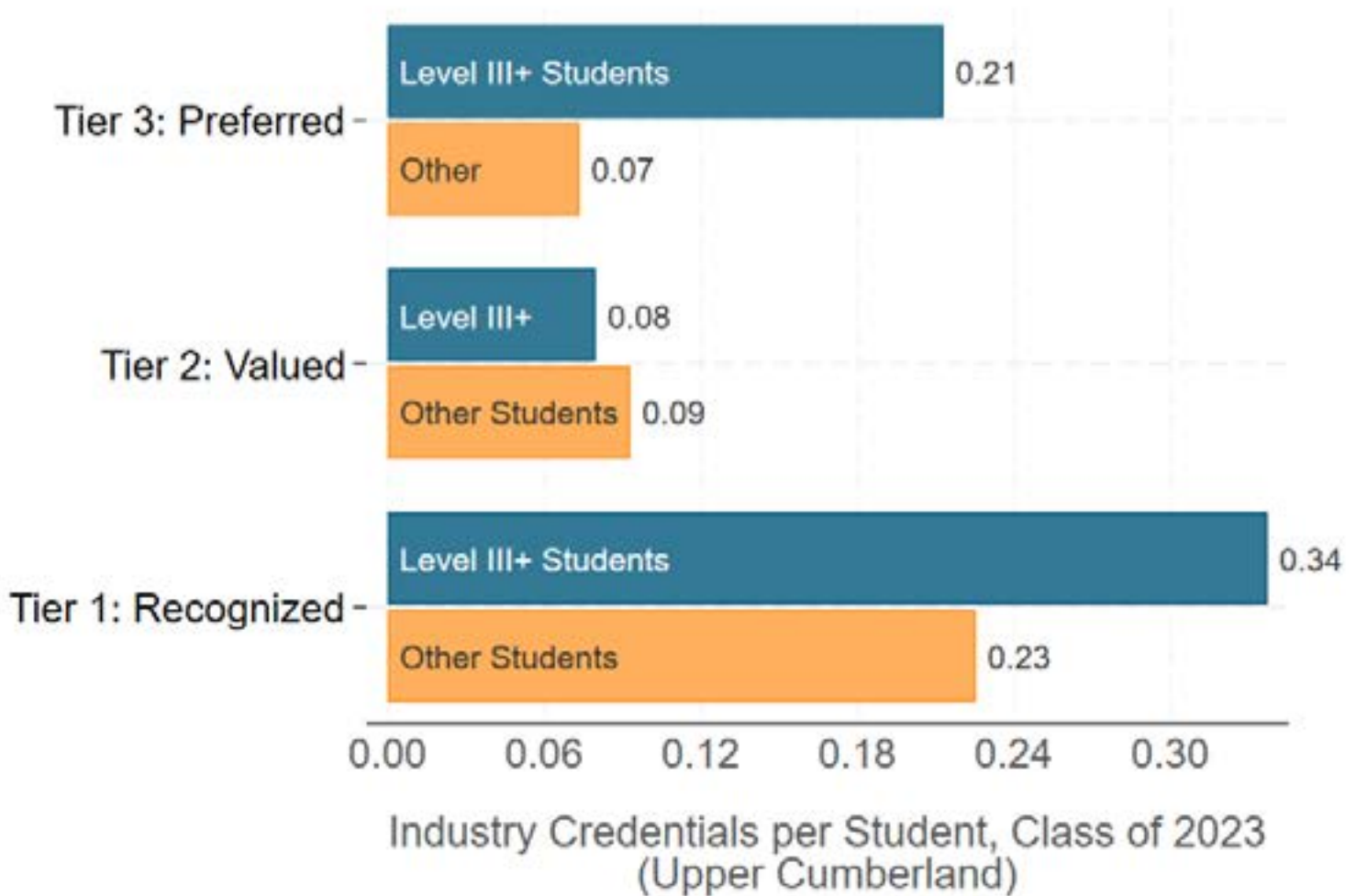
Work-Based Learning, Upper Cumberland

Upper Cumberland CTE students have about 50% more work-based learning than other students.



Industry Credentials, Upper Cumberland

Both CTE and non-CTE students in the Upper Cumberland area earn an above average number of industry credentials.



Regional Profiles

- Southeast Tennessee

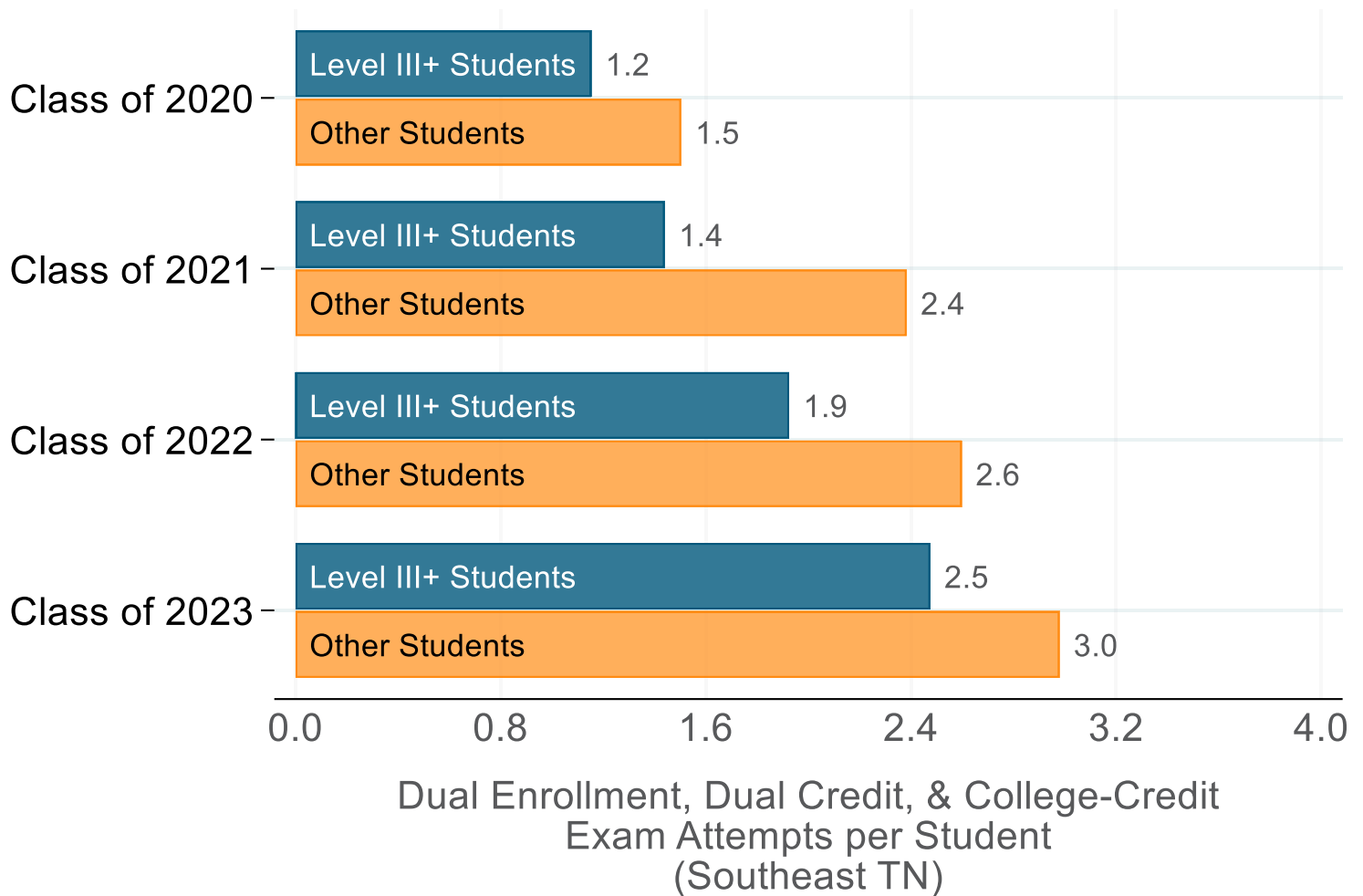


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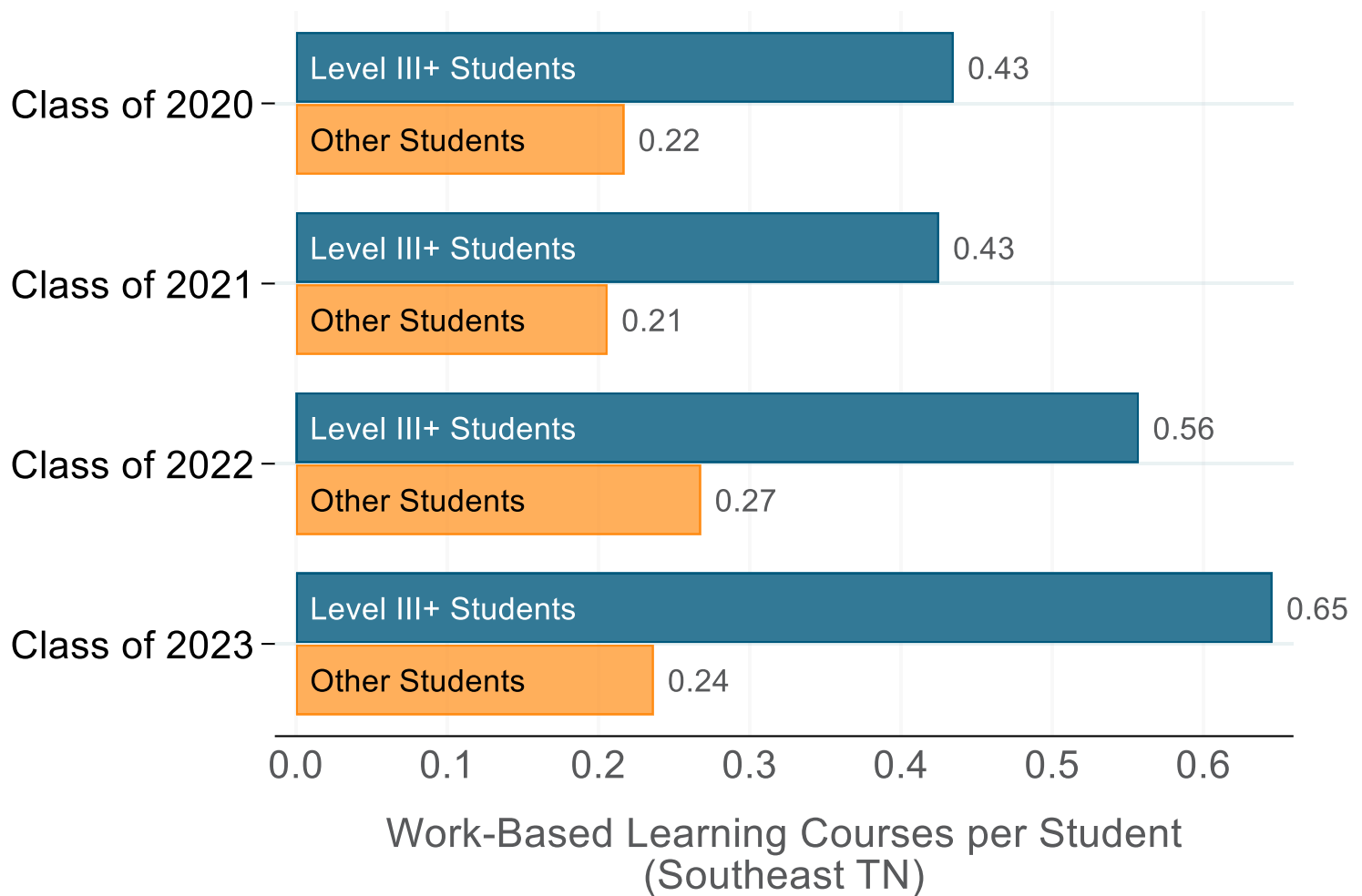
Early Postsecondary Opportunities, Southeast Tennessee

In Southeast Tennessee, CTE students take fewer EPSOs than other students. Both groups are taking more over time.



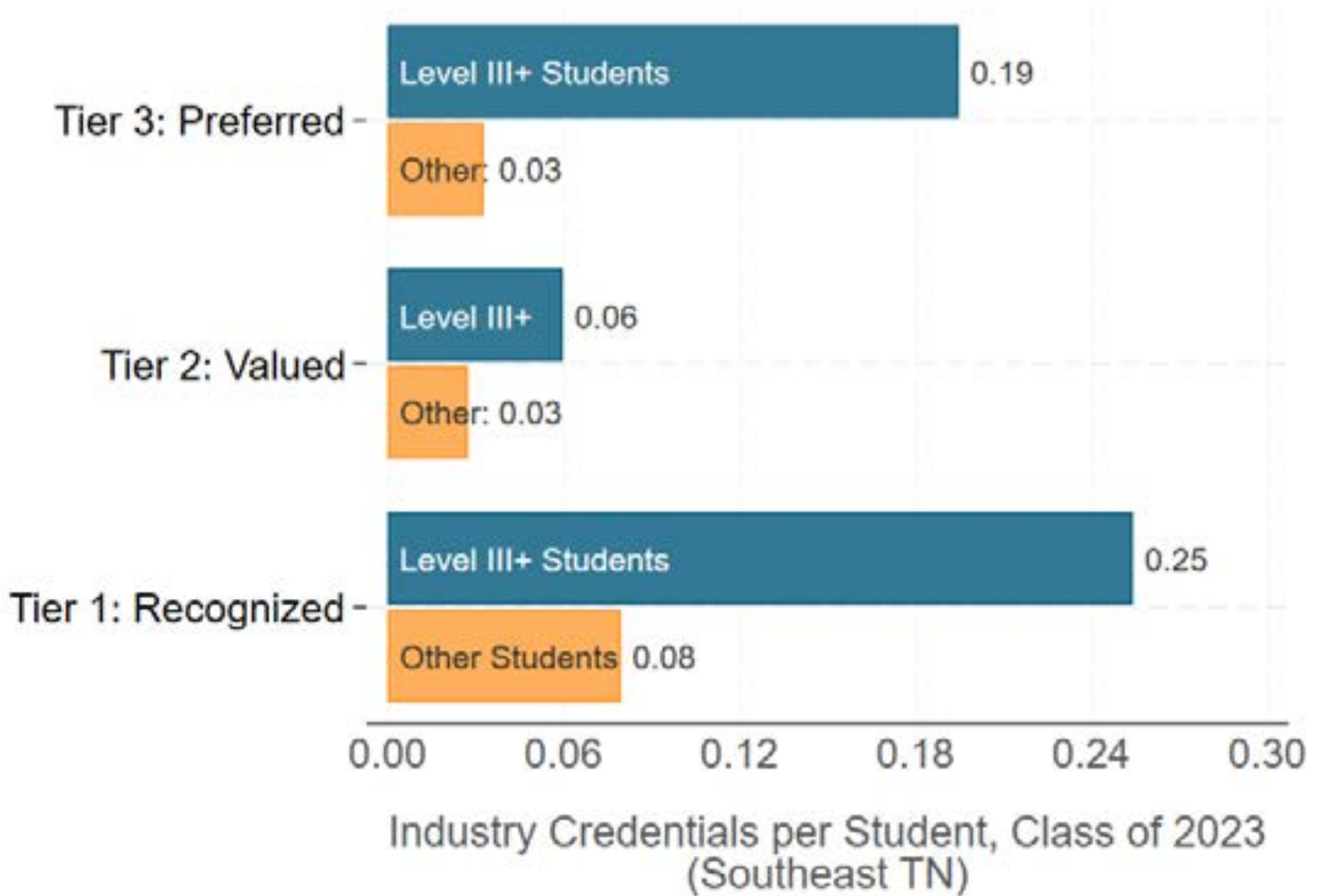
Work-Based Learning, Southeast Tennessee

Southeast Tennessee CTE students take over twice as many work-based learning courses as others, and the gap is growing.



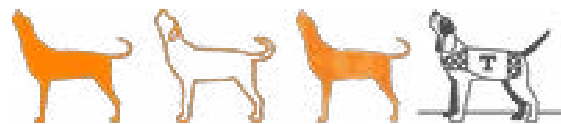
Industry Credentials, Southeast Tennessee

In Southeast Tennessee, CTE students earn more industry credentials than other students, including over 6 times as many of the top-rated Tier 3 credentials.



Regional Profiles

- Southern Middle Tennessee

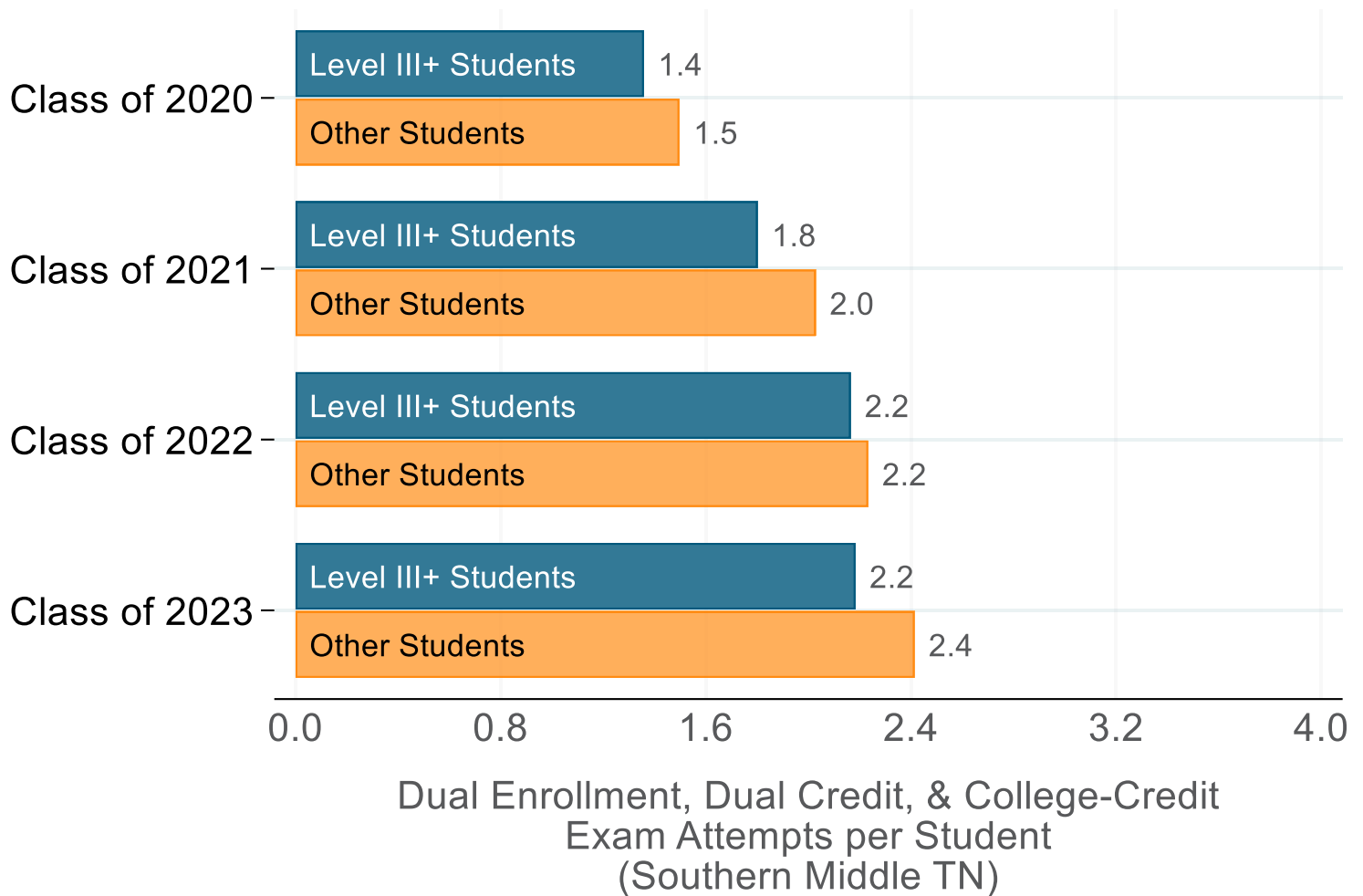


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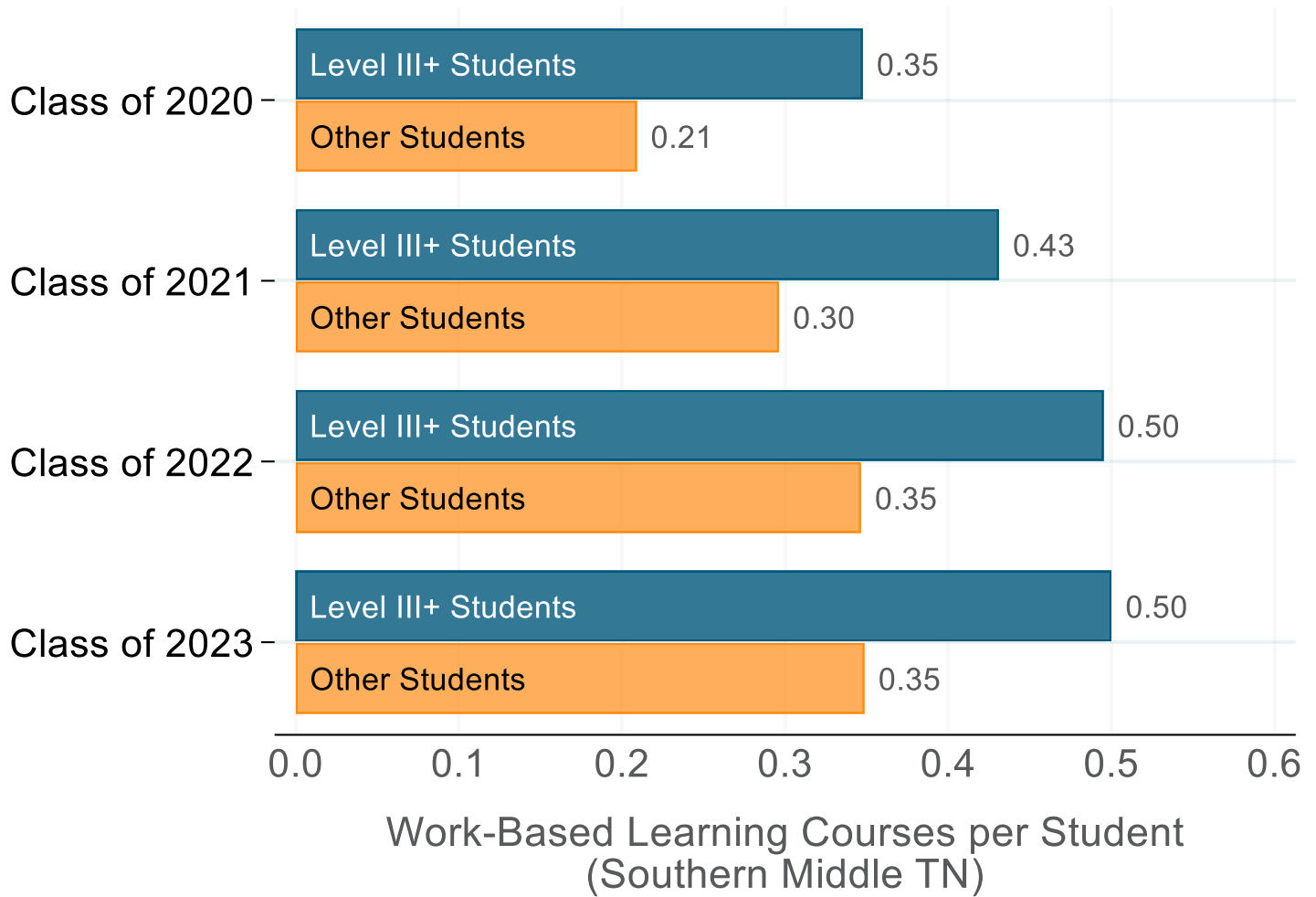
Early Postsecondary Opportunities, Southern Middle Tennessee

In Southern Middle Tennessee, CTE students have slightly fewer EPSOs than other students.



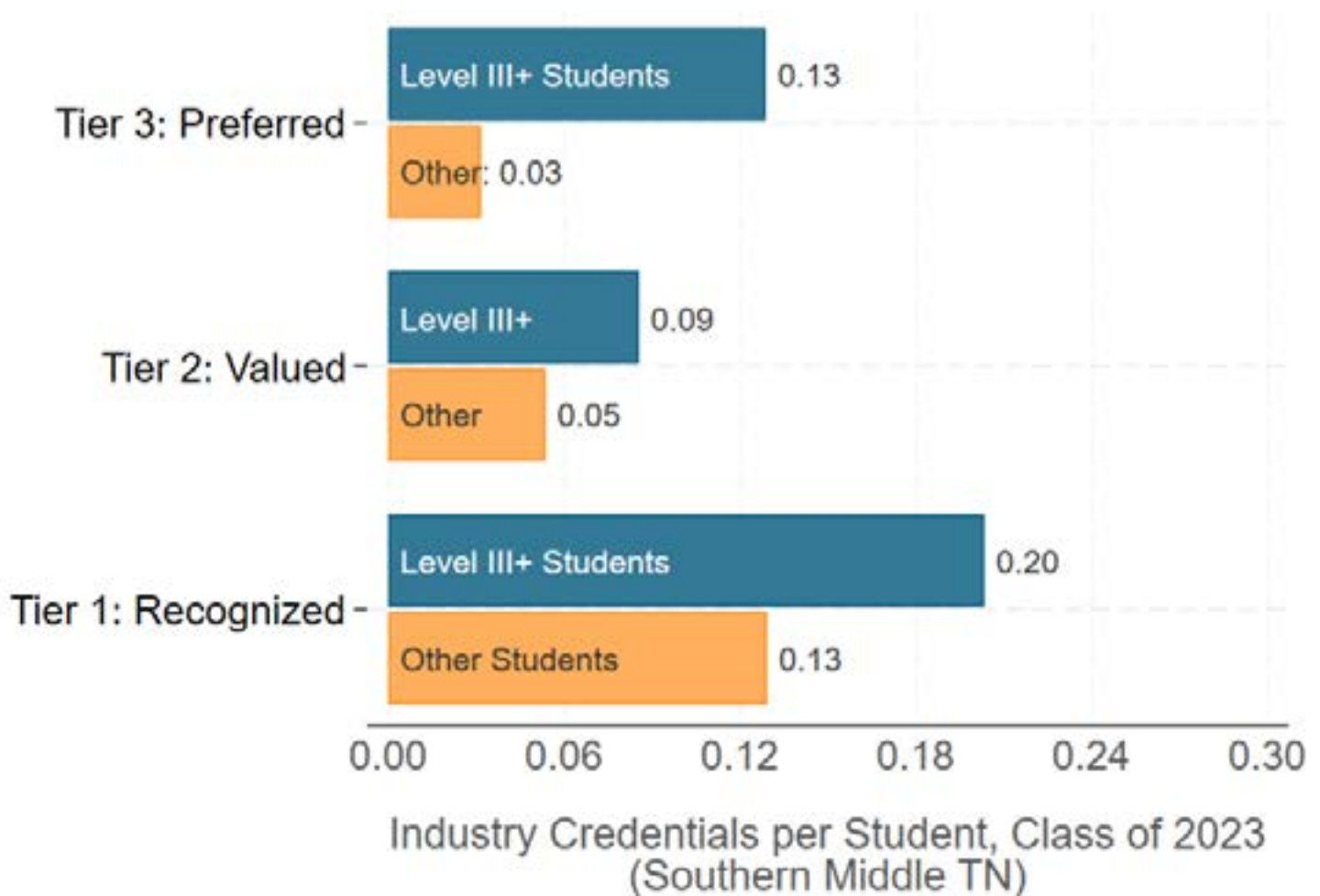
Work-Based Learning, Southern Middle Tennessee

Work-based learning is becoming more popular in Southern Middle Tennessee, especially for CTE students.



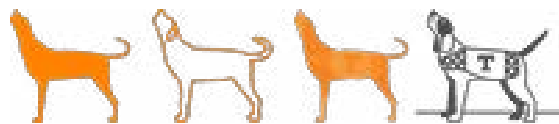
Industry Credentials, Southern Middle Tennessee

In Southern Middle Tennessee, CTE students earn over 4 times as many top-rated Tier 3 credentials as other students.



Regional Profiles

- Northern Middle Tennessee

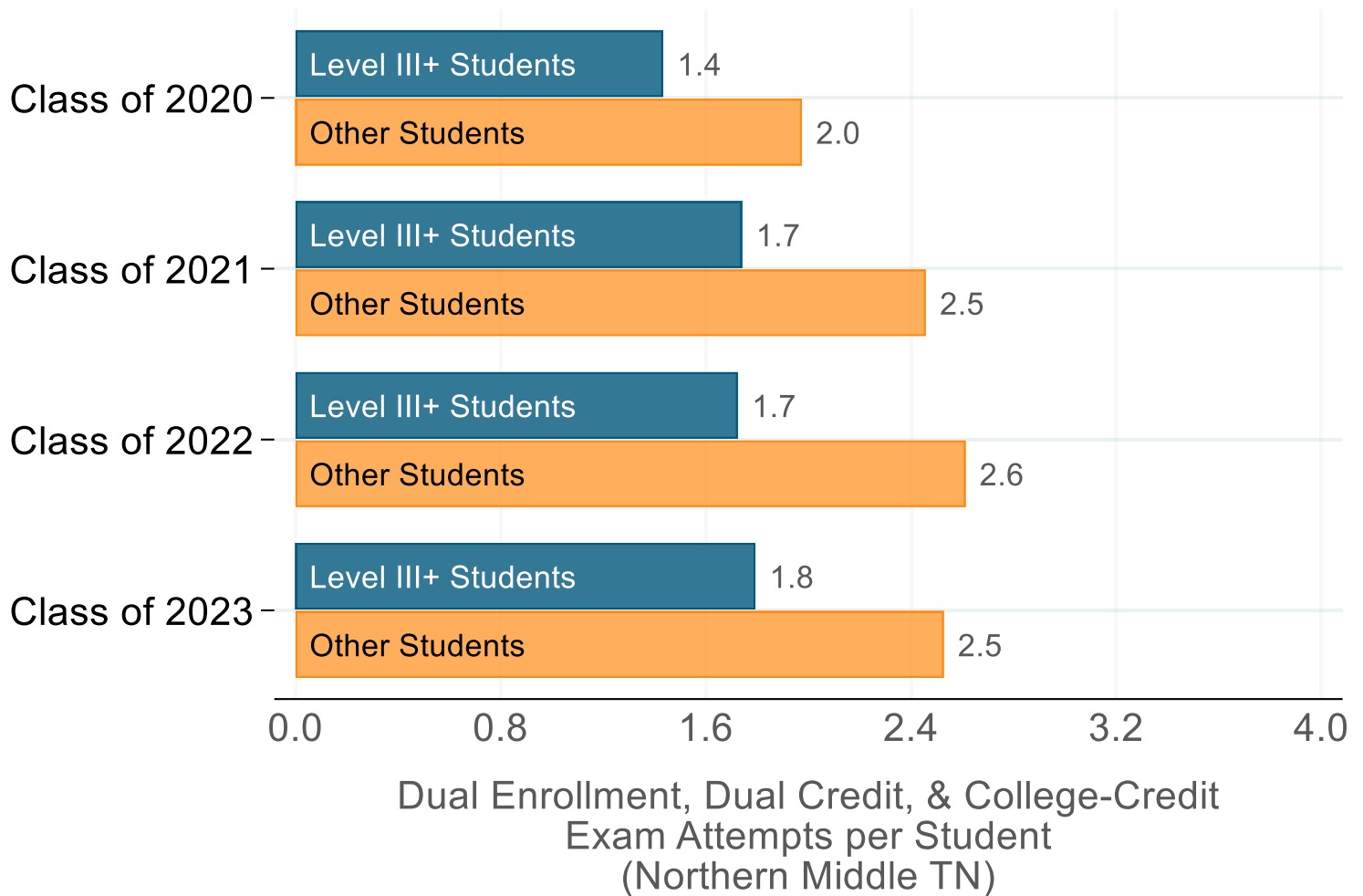


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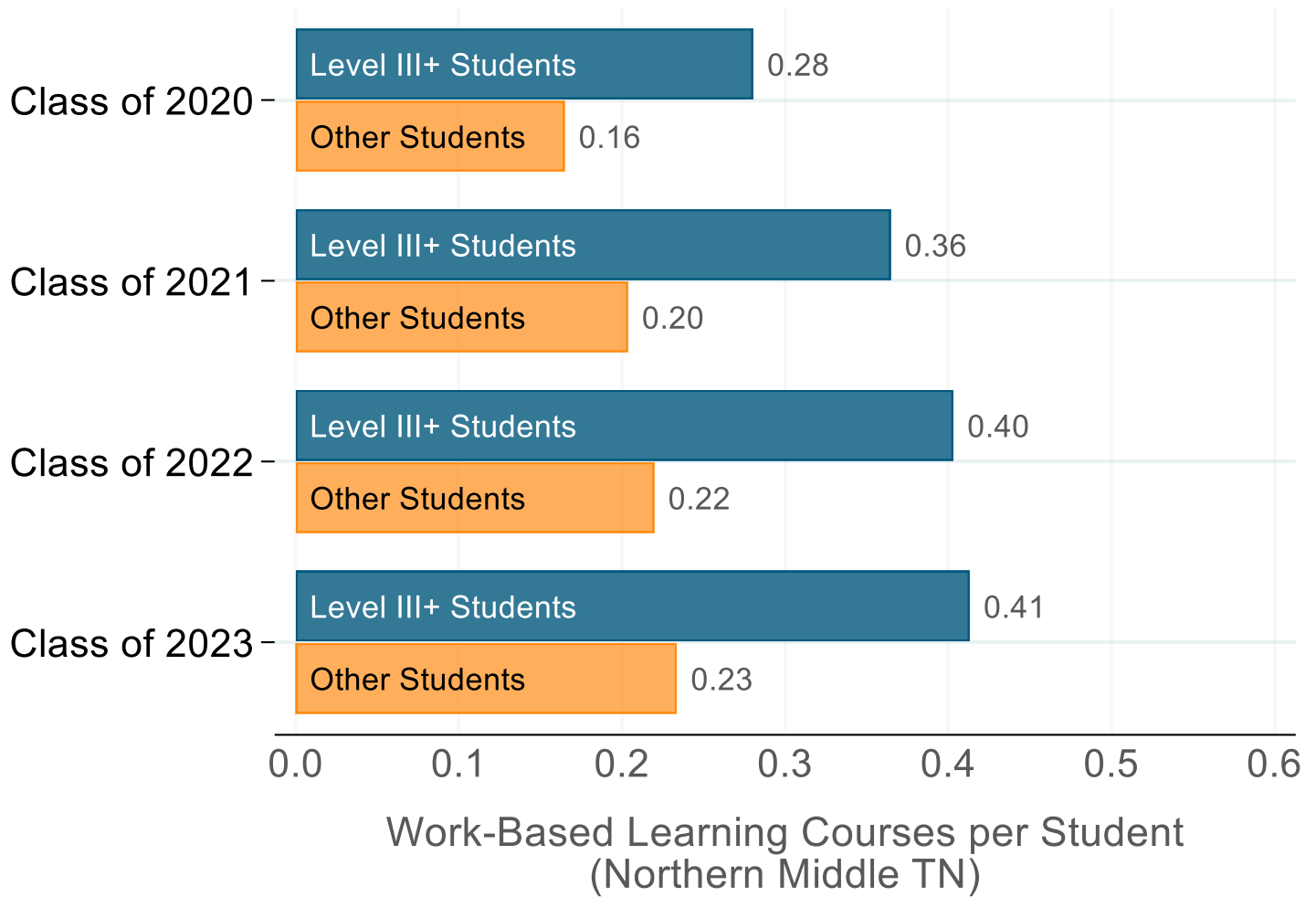
Early Postsecondary Opportunities, Northern Middle Tennessee

In Northern Middle Tennessee, CTE students have fewer EPSOs than other students. Both take less than the state average.



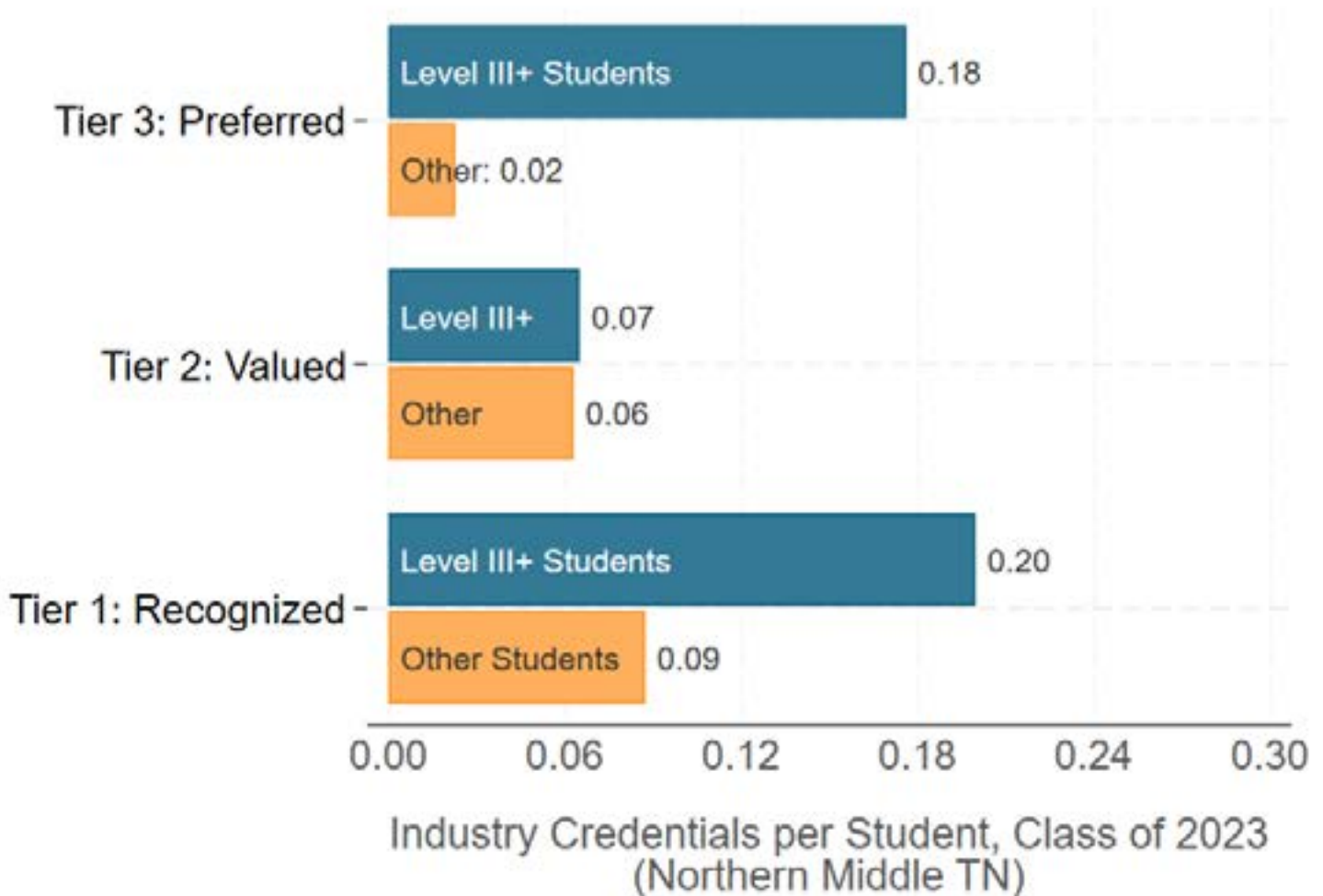
Work-Based Learning, Northern Middle Tennessee

In Northern Middle Tennessee, CTE students have about twice as much work-based learning as other students.



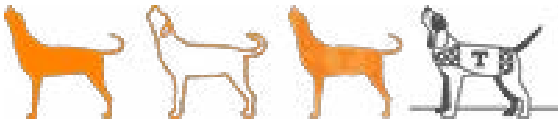
Industry Credentials, Northern Middle Tennessee

In Northern Middle Tennessee, CTE students earn more industry credentials than other students, including 9 times more top-rated Tier 3 credentials.



Regional Profiles

- Southwest Tennessee

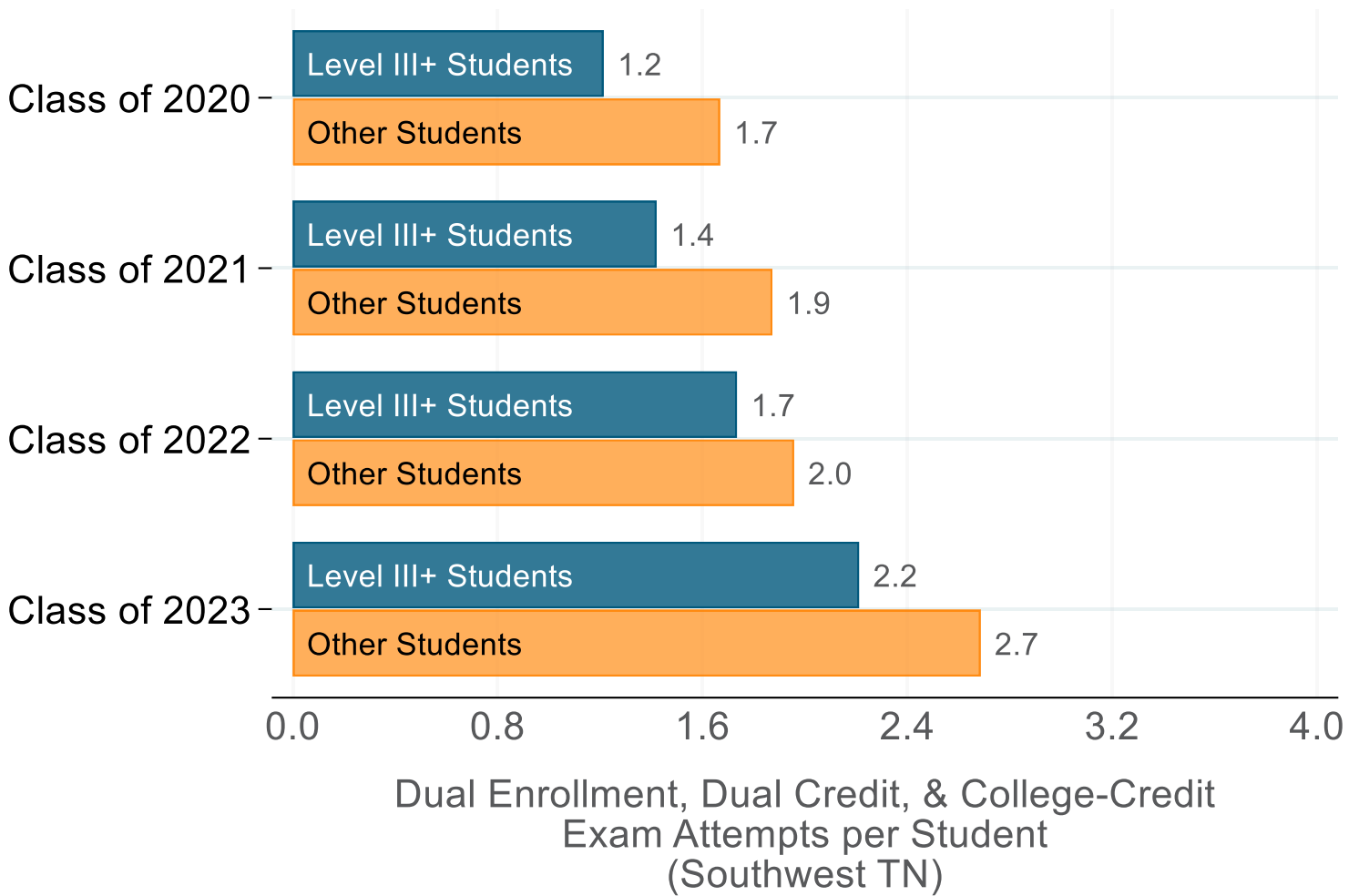


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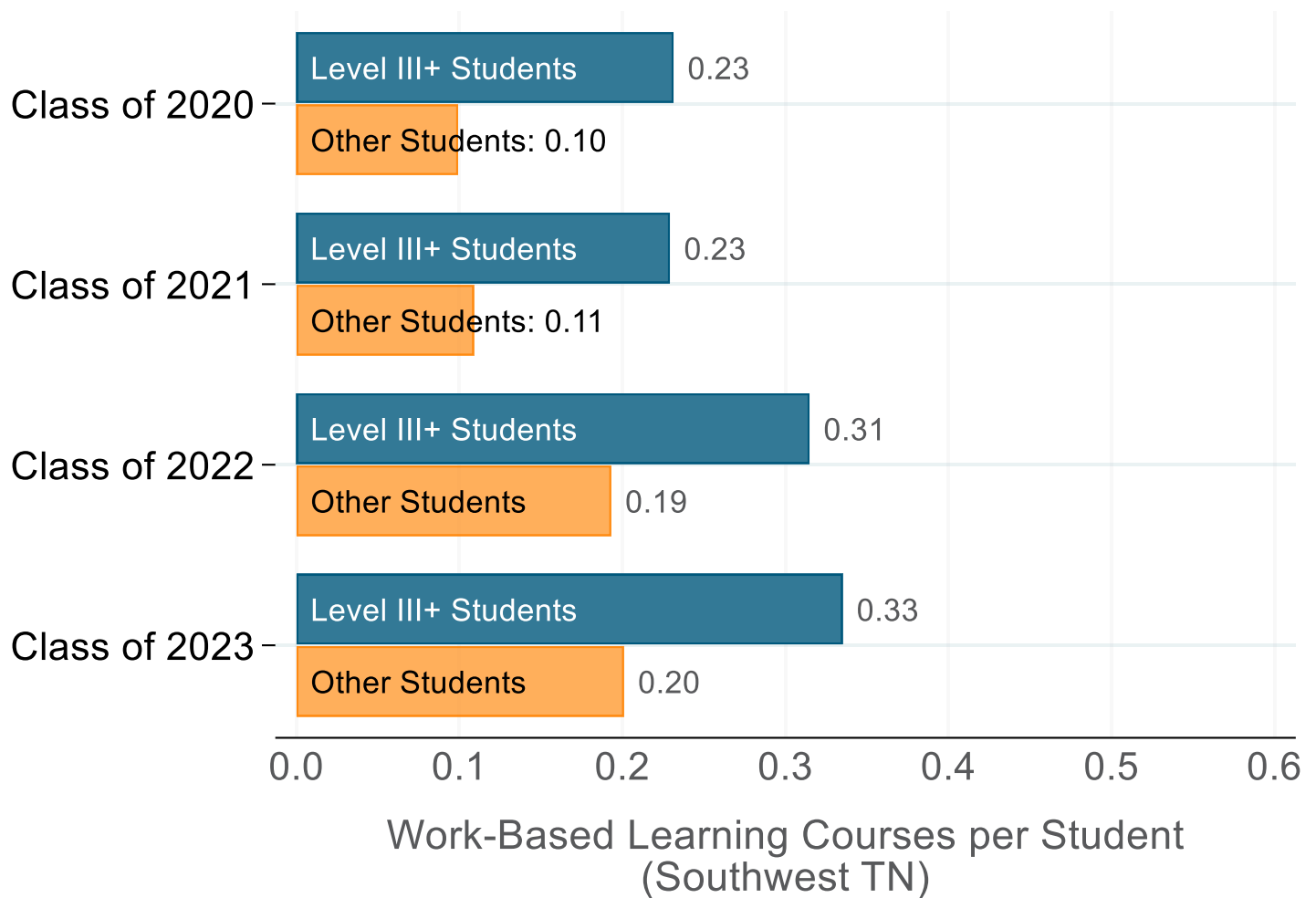
Early Postsecondary Opportunities, Southwest Tennessee

CTE students in Southwest Tennessee take fewer EPSOs than other students, but both groups are taking more over time.



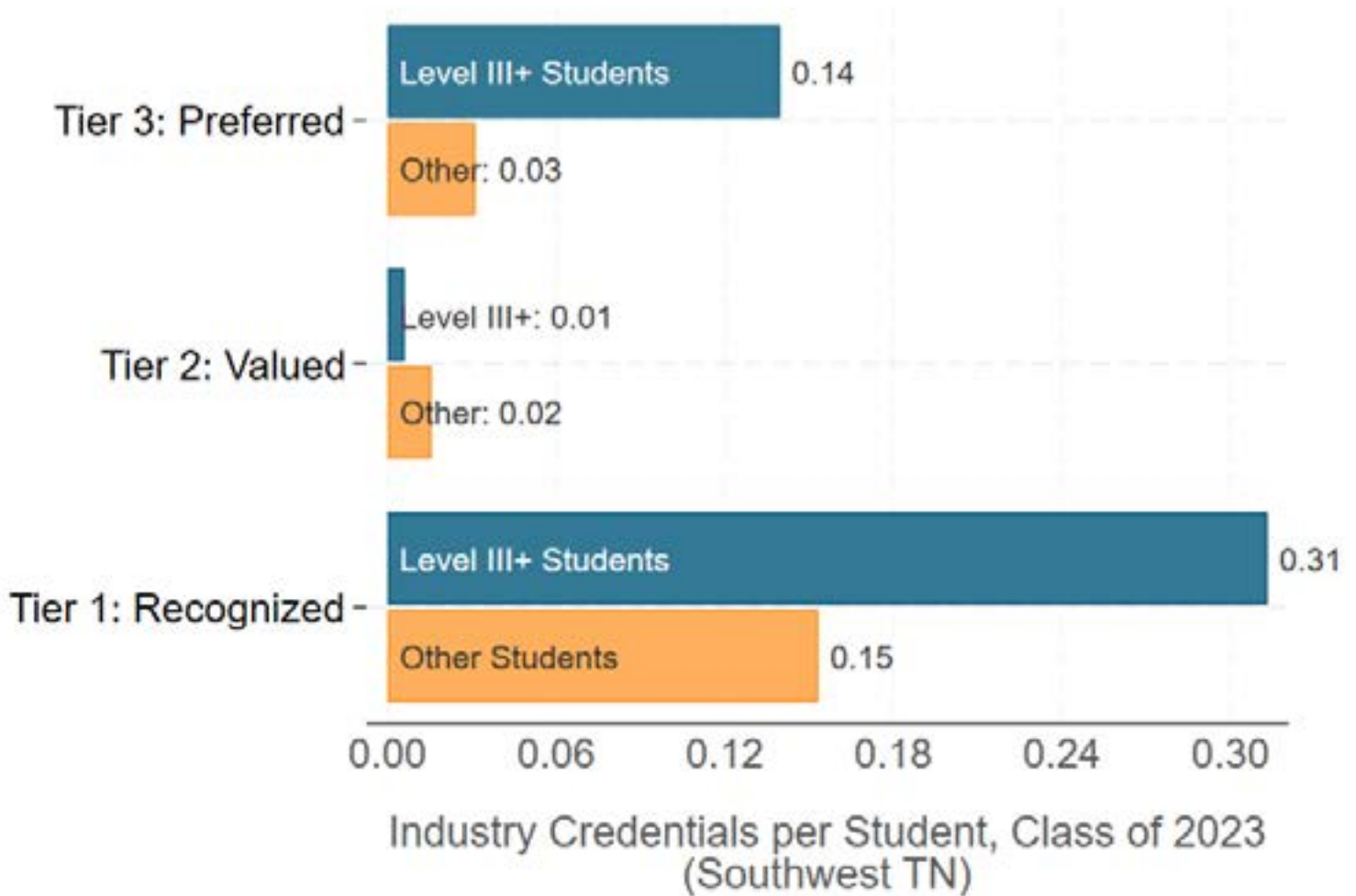
Work-Based Learning, Southwest Tennessee

In Southwest Tennessee, CTE students have more work-based learning than other students.



Industry Credentials, Southwest Tennessee

Southwest Tennessee CTE students earn more industry credentials than other students, including over 4 times as many top-rated Tier 3 credentials.



Regional Profiles

- Northwest Tennessee

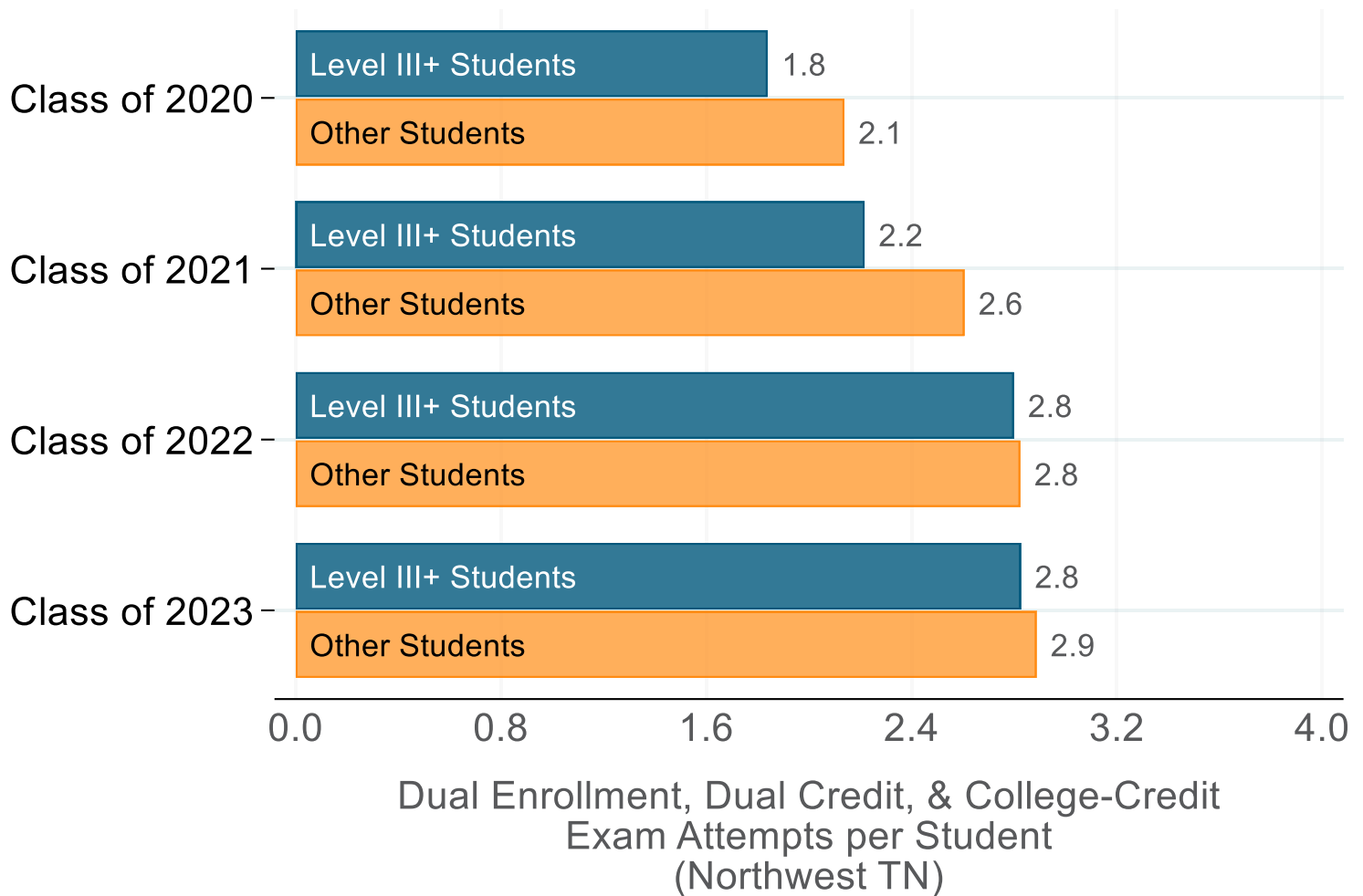


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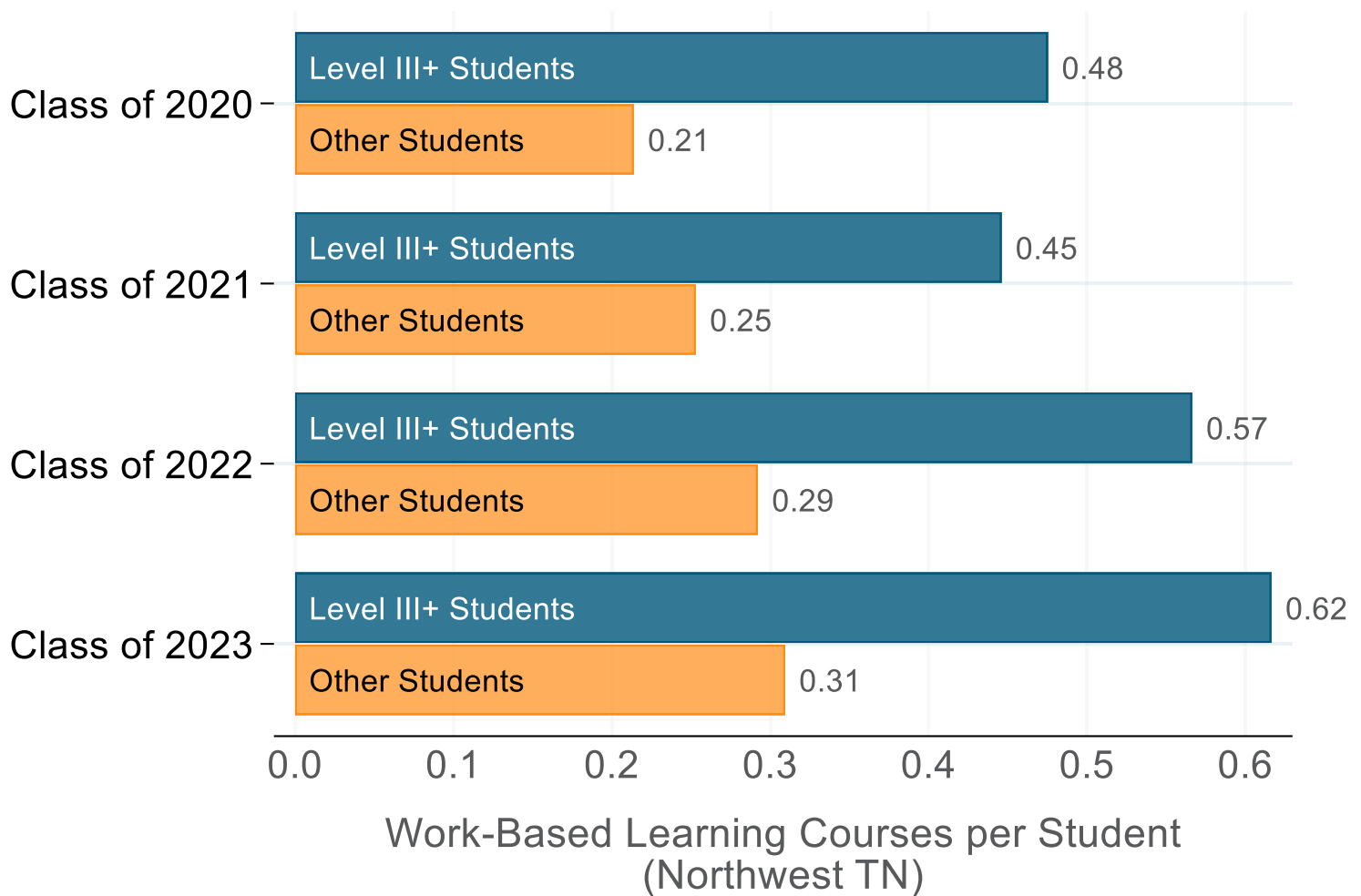
Early Postsecondary Opportunities, Northwest Tennessee

In Northwest Tennessee, CTE students take about as many college credit courses and exams as other students.



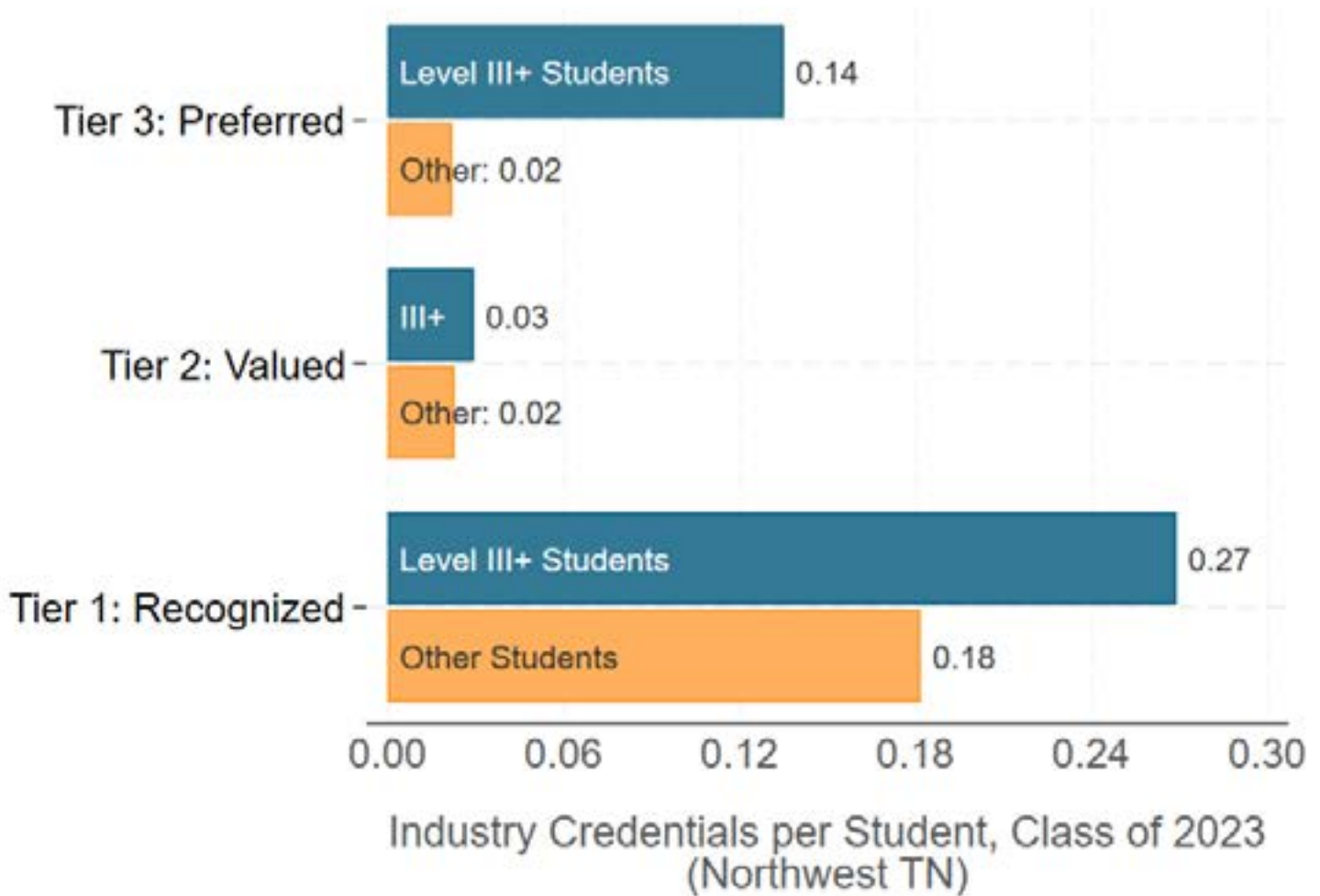
Work-Based Learning, Northwest Tennessee

In Northwest Tennessee, CTE students take twice as many work-based learning courses as other students.



Industry Credentials, Northwest Tennessee

In Northwest Tennessee, CTE students earn more industry credentials than other students, including 7 times as many top-rated Tier 3 credentials.



Regional Profiles

- Greater Memphis

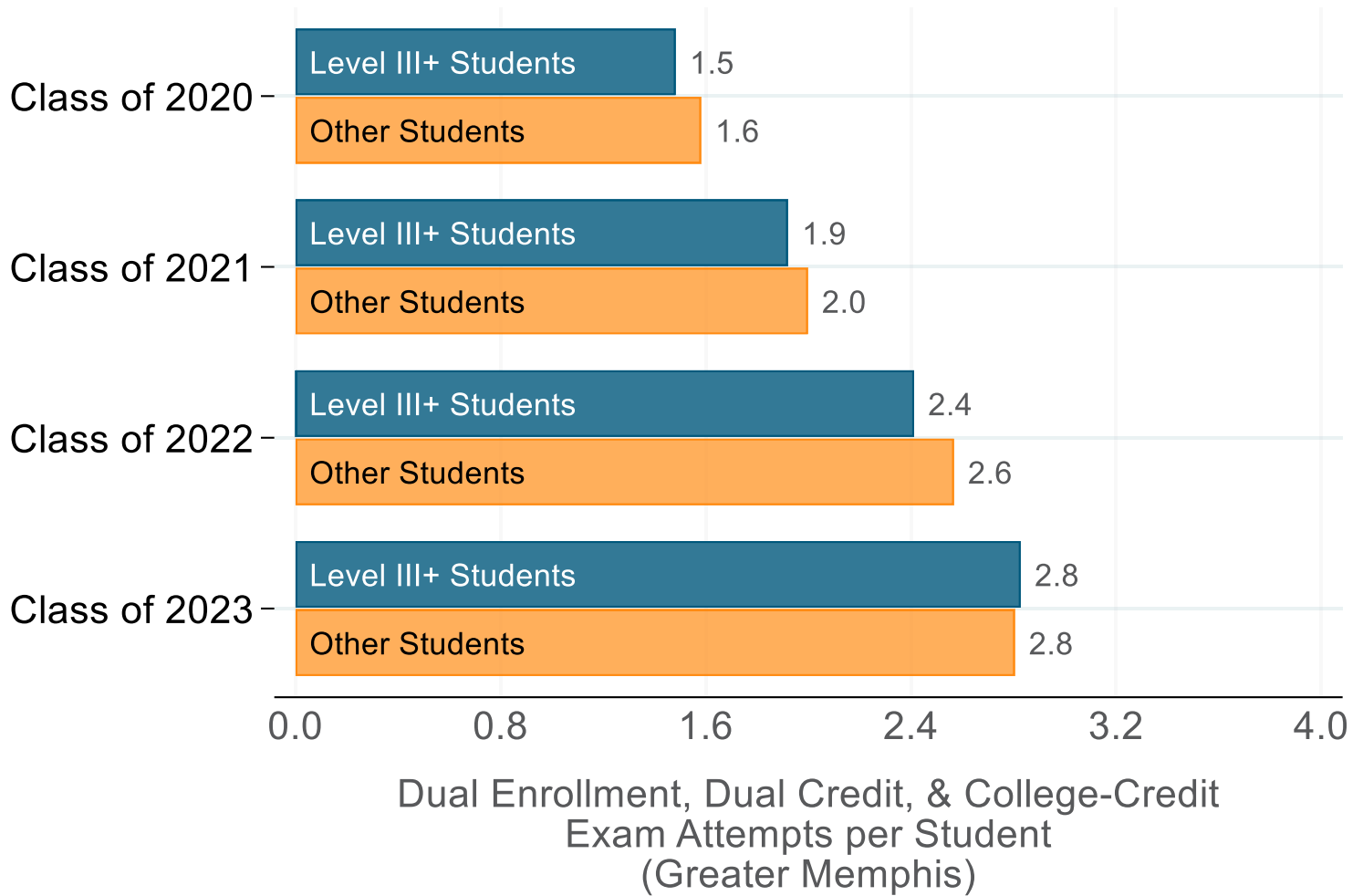


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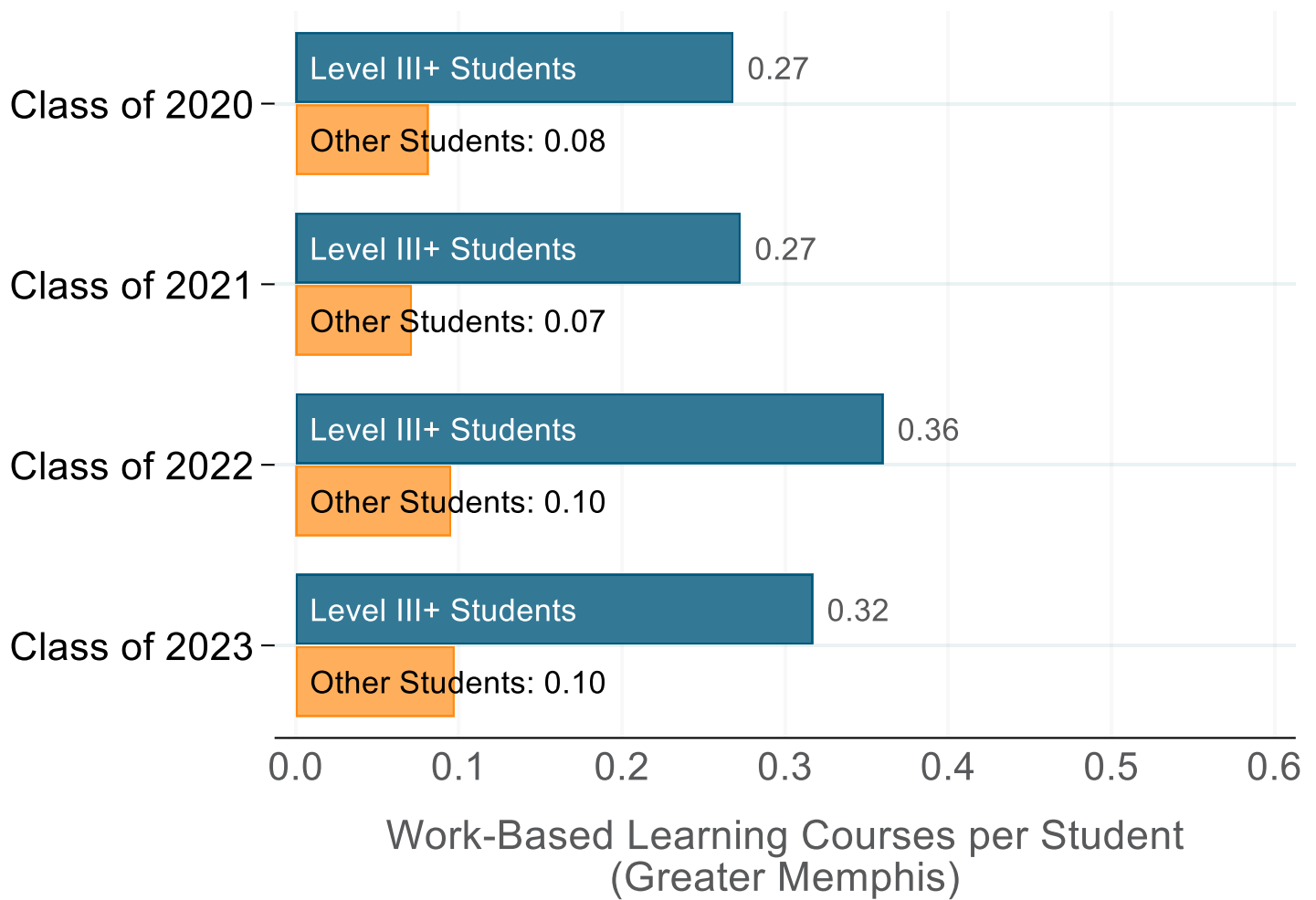
Early Postsecondary Opportunities, Greater Memphis

Students are taking more EPSOs in Greater Memphis, and CTE students have about as many EPSOs as other students.



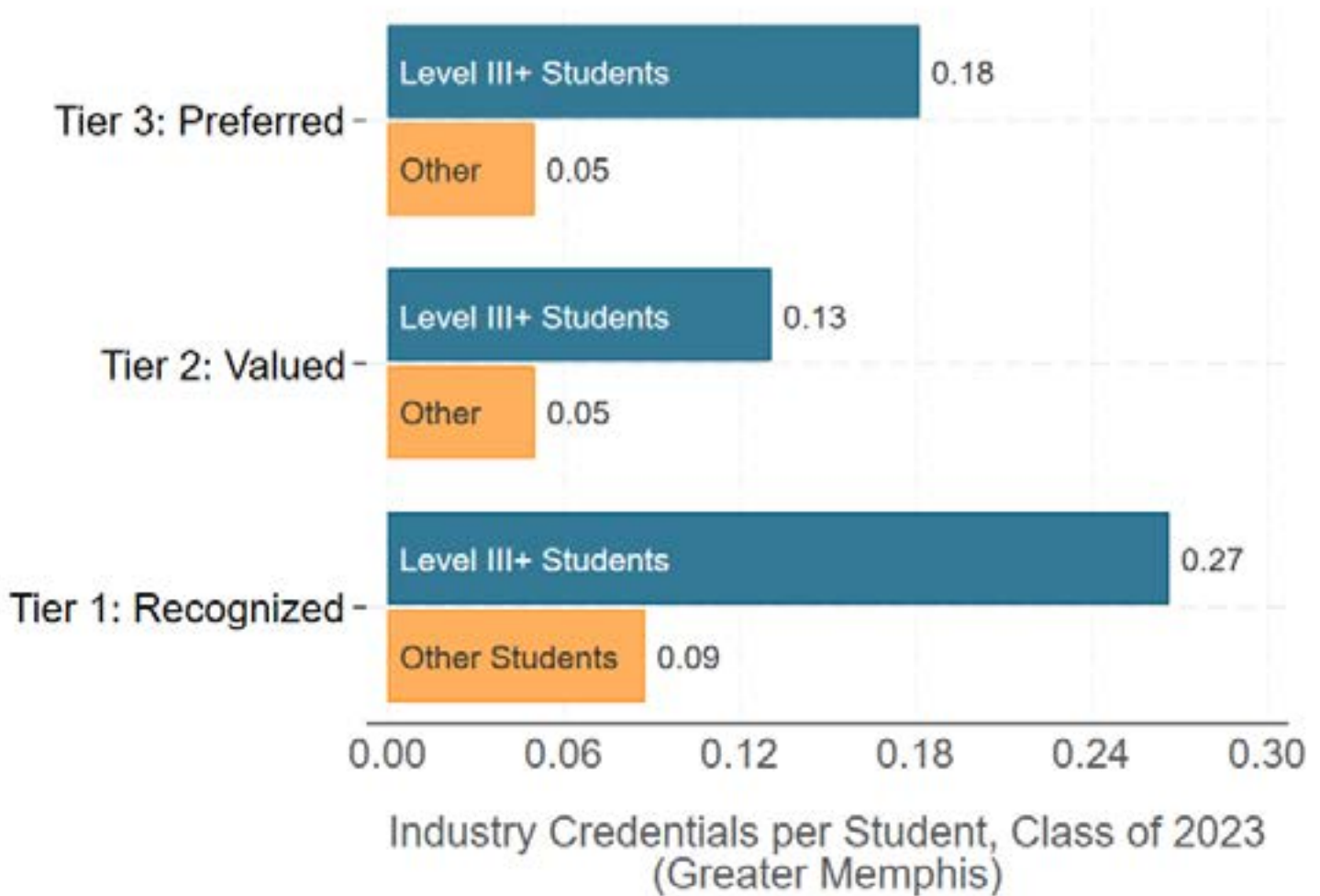
Work-Based Learning, Greater Memphis

In Greater Memphis, CTE students take 3 times as many work-based learning classes as other students.



Industry Credentials, Greater Memphis

In Greater Memphis, CTE students earn close to 3 times as many industry credentials as other students.



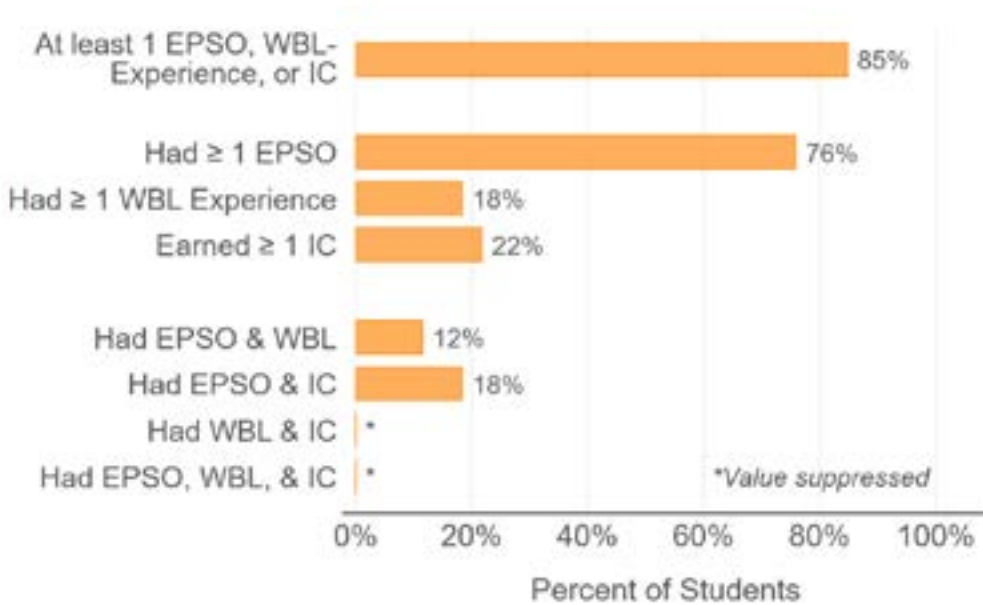
Program Profiles

- [Advanced Manufacturing Programs](#)
- [Agriculture, Food, & Natural Resources Programs](#)
- [Architecture & Construction Programs](#)
- [Arts, Audio/Visual Technology, & Communications Programs](#)
- [Business Management & Administration Programs](#)
- [Education & Training Programs](#)
- [Finance Programs](#)
- [Government & Public Administration Programs](#)
- [Health Science Programs](#)
- [Hospitality and Tourism Programs](#)
- [Human Services Programs](#)
- [Information Technology Programs](#)
- [Law, Public Safety, Corrections, & Security Programs](#)
- [Marketing, Distribution, & Logistics Programs](#)
- [STEM Programs](#)
- [Transportation Programs](#)

Program Profiles

- Advanced Manufacturing Programs:
 - [Industrial Maintenance Technology](#)
 - [Machining Technology](#)
 - [Mechatronics](#)
 - [Welding](#)

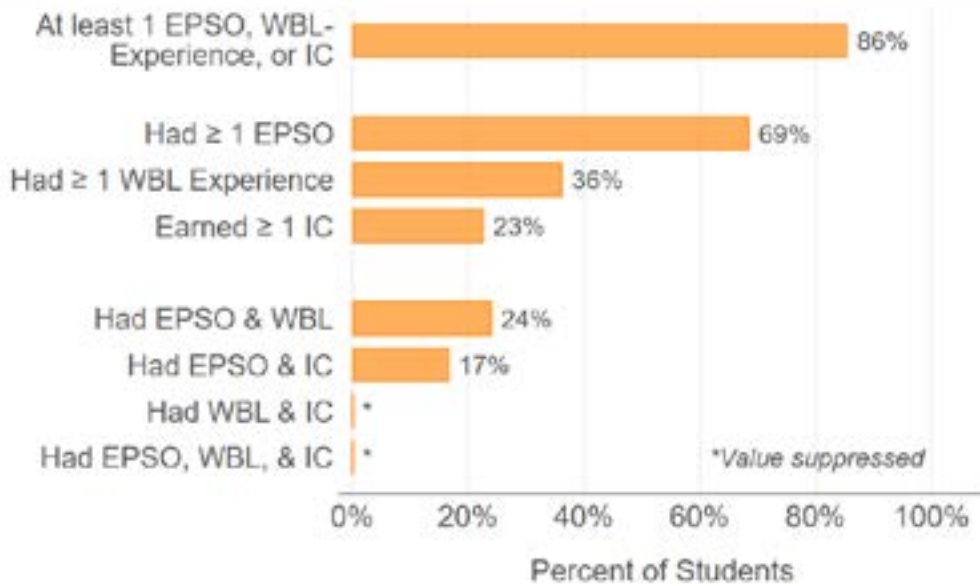
Industrial Maintenance Technology: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 146 Level III+ students)
EPSO Participation	285	1.95
Work-Based Learning (WBL) Courses	30	0.21
Industry Credentials – Tier 1 (Recognized)	30	0.21
Industry Credentials – Tier 2 (Valued)	*	*
Industry Credentials – Tier 3 (Preferred)	17	0.12

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

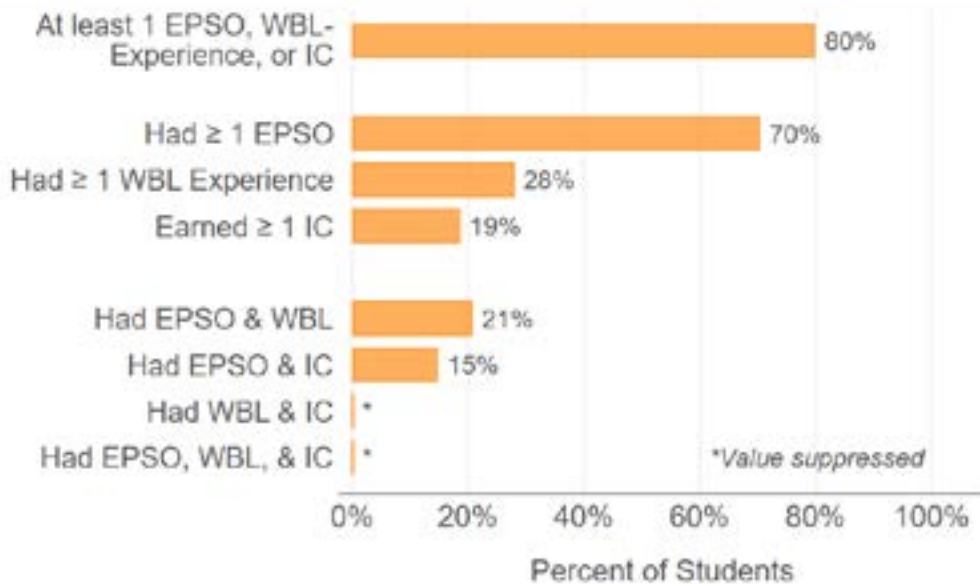
Machining Technology: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 532 Level III+ students)
EPSO Participation	786	1.48
Work-Based Learning (WBL) Courses	254	0.48
Industry Credentials – Tier 1 (Recognized)	92	0.17
Industry Credentials – Tier 2 (Valued)	27	0.05
Industry Credentials – Tier 3 (Preferred)	40	0.08

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Mechatronics: Early Postsecondary & Workforce Experiences

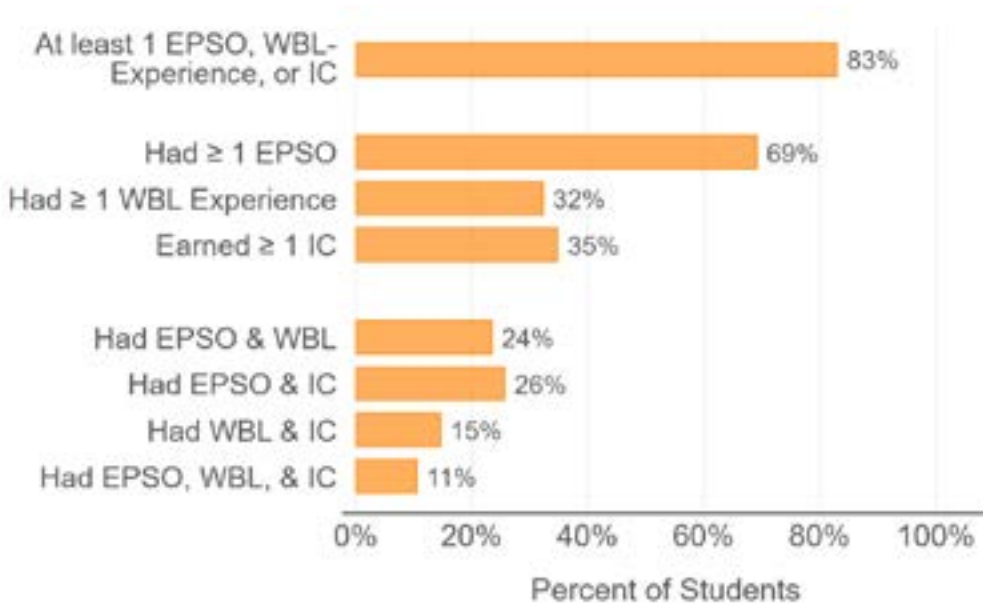


	Total Experiences	Per Student (out of 419 Level III+ students)
EPSO Participation	1,099	2.62
Work-Based Learning (WBL) Courses	140	0.33
Industry Credentials – Tier 1 (Recognized)	58	0.14
Industry Credentials – Tier 2 (Valued)	29	0.07
Industry Credentials – Tier 3 (Preferred)	28	0.07

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

Welding: Early Postsecondary & Workforce Experiences



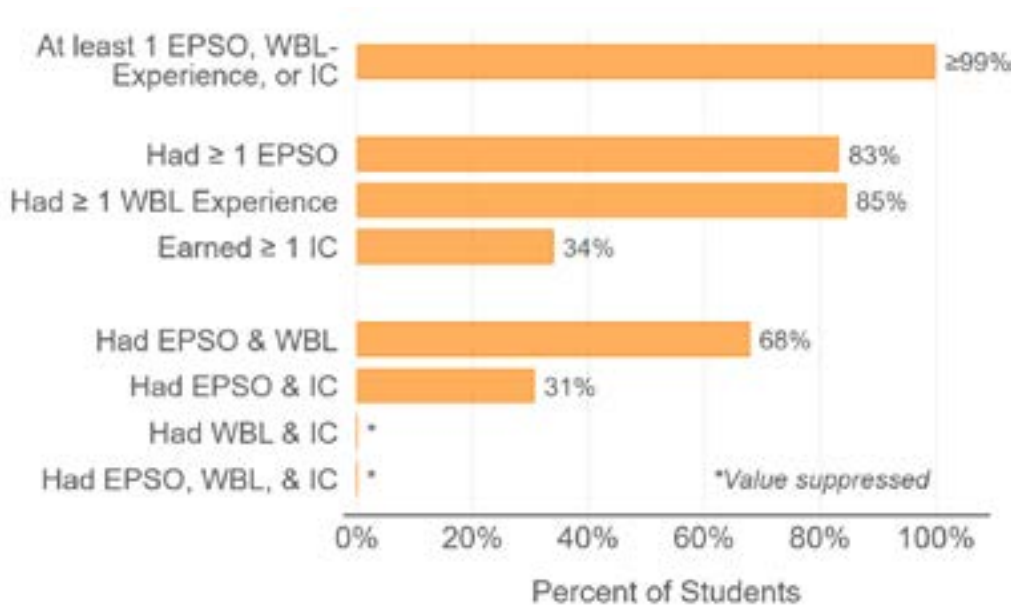
	Total Experiences	Per Student (out of 1,660 Level III+ students)
EPSO Participation	2,857	1.72
Work-Based Learning (WBL) Courses	679	0.41
Industry Credentials – Tier 1 (Recognized)	359	0.22
Industry Credentials – Tier 2 (Valued)	154	0.09
Industry Credentials – Tier 3 (Preferred)	358	0.22

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Program Profiles

- Agriculture, Food, & Natural Resources Programs:
 - [Agribusiness](#)
 - [Agricultural Engineering and Applied Technologies](#)
 - [Environmental and Natural Resource Management](#)
 - [Food Science](#)
 - [Horticulture Science](#)
 - [Veterinary and Animal Science](#)

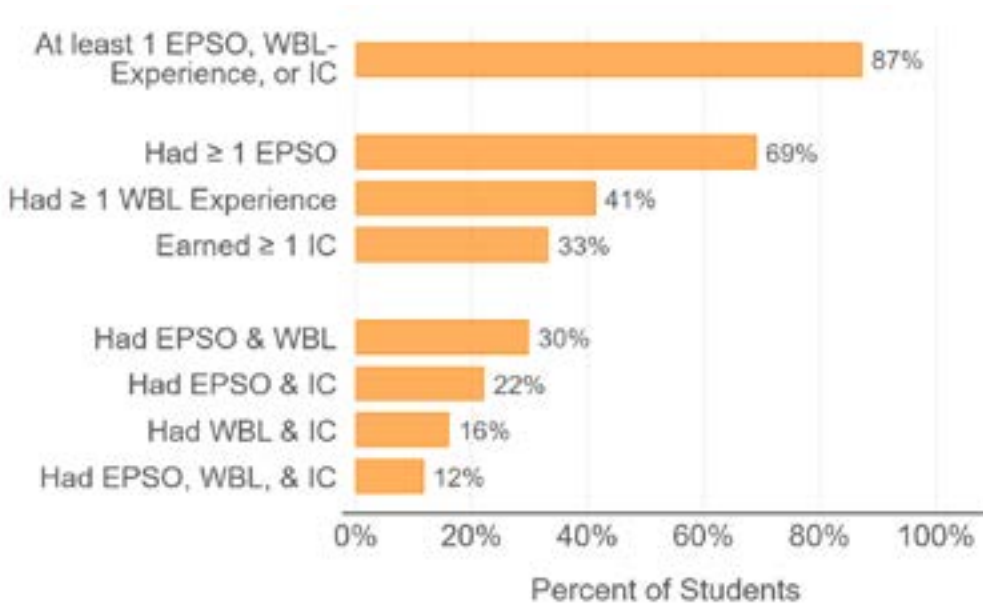
Agribusiness: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 156 Level III+ students)
EPISO Participation	597	3.83
Work-Based Learning (WBL) Courses	297	1.90
Industry Credentials – Tier 1 (Recognized)	35	0.22
Industry Credentials – Tier 2 (Valued)	*	*
Industry Credentials – Tier 3 (Preferred)	25	0.16

The table and figure summarize EPISO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPISO experiences. * Value suppressed.

Agricultural Engineering and Applied Technologies: Early Postsecondary & Workforce Experiences

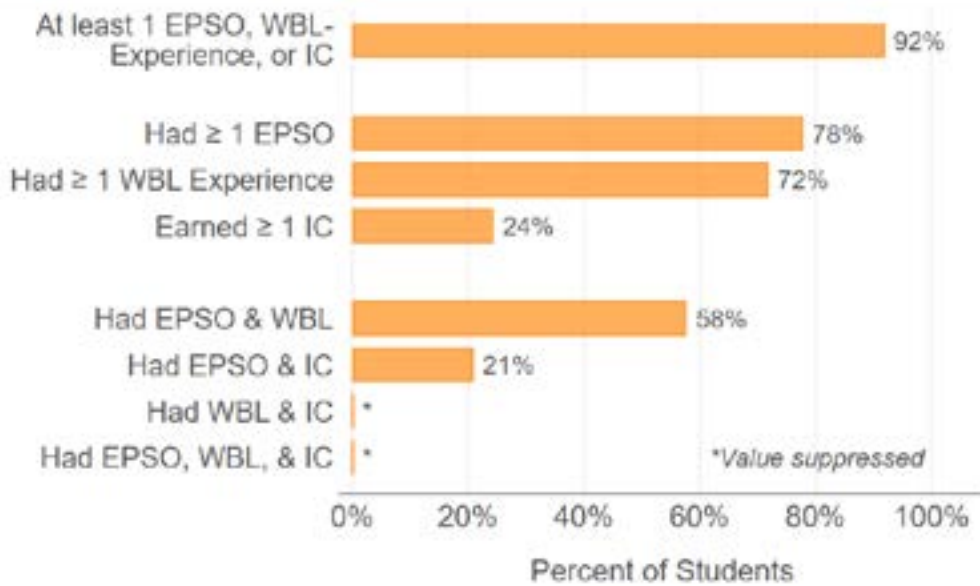


	Total Experiences	Per Student (out of 1,868 Level III+ students)
EPSO Participation	3,794	2.03
Work-Based Learning (WBL) Courses	1,163	0.62
Industry Credentials – Tier 1 (Recognized)	447	0.24
Industry Credentials – Tier 2 (Valued)	185	0.10
Industry Credentials – Tier 3 (Preferred)	182	0.10

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

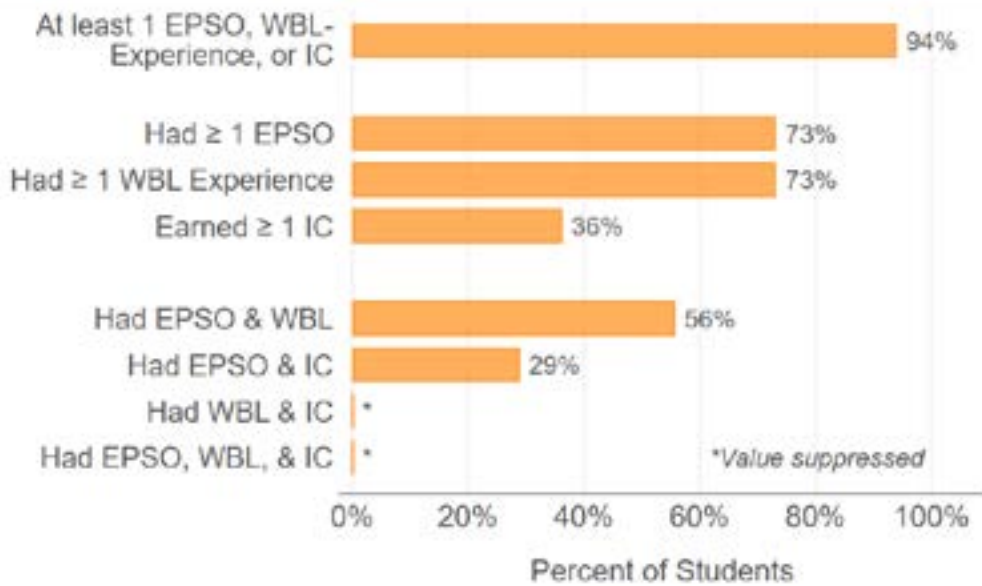
Environmental and Natural Resource Management: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 234 Level III+ students)
EPSO Participation	724	3.09
Work-Based Learning (WBL) Courses	355	1.52
Industry Credentials – Tier 1 (Recognized)	35	0.15
Industry Credentials – Tier 2 (Valued)	*	*
Industry Credentials – Tier 3 (Preferred)	30	0.13

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

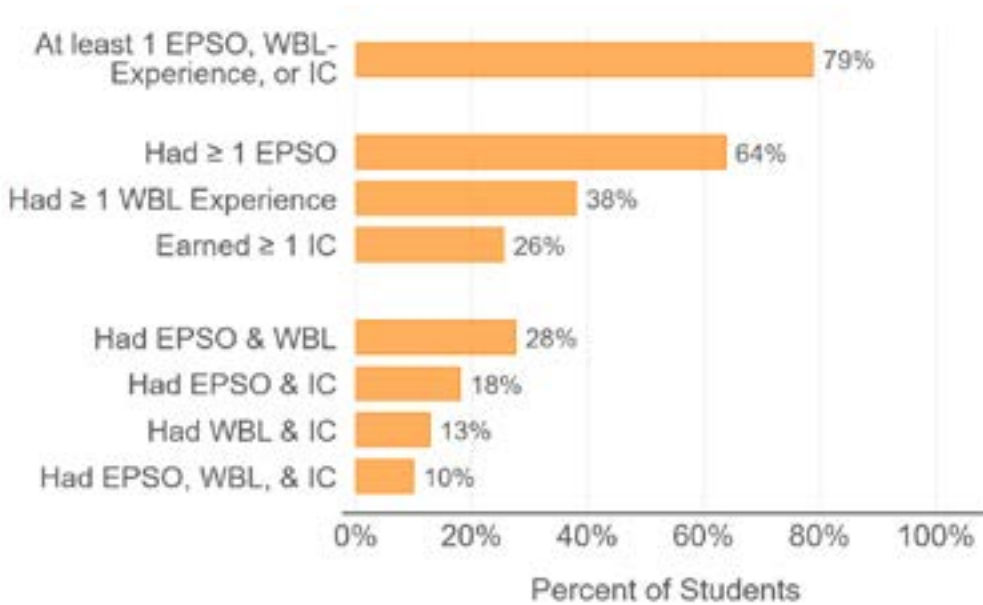
Food Science: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 149 Level III+ students)
EPSO Participation	434	2.91
Work-Based Learning (WBL) Courses	267	1.79
Industry Credentials – Tier 1 (Recognized)	34	0.23
Industry Credentials – Tier 2 (Valued)	*	*
Industry Credentials – Tier 3 (Preferred)	32	0.21

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

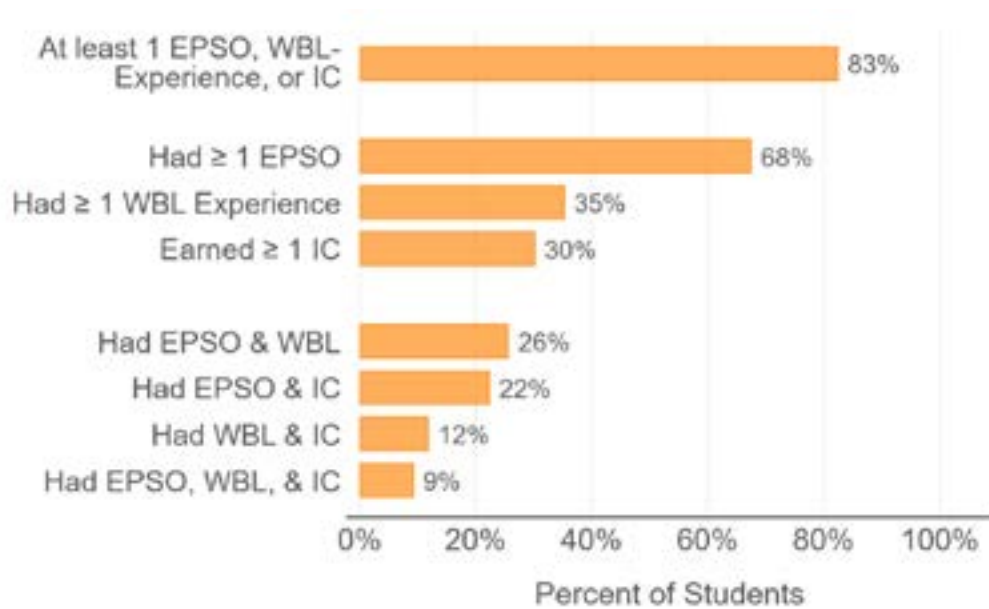
Horticulture Science: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 1,694 Level III+ students)
EPSO Participation	3,402	2.01
Work-Based Learning (WBL) Courses	930	0.55
Industry Credentials – Tier 1 (Recognized)	292	0.17
Industry Credentials – Tier 2 (Valued)	70	0.04
Industry Credentials – Tier 3 (Preferred)	181	0.11

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Veterinary and Animal Science: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 4,375 Level III+ students)
EPSO Participation	8,725	1.99
Work-Based Learning (WBL) Courses	2,089	0.48
Industry Credentials – Tier 1 (Recognized)	624	0.14
Industry Credentials – Tier 2 (Valued)	135	0.03
Industry Credentials – Tier 3 (Preferred)	846	0.19

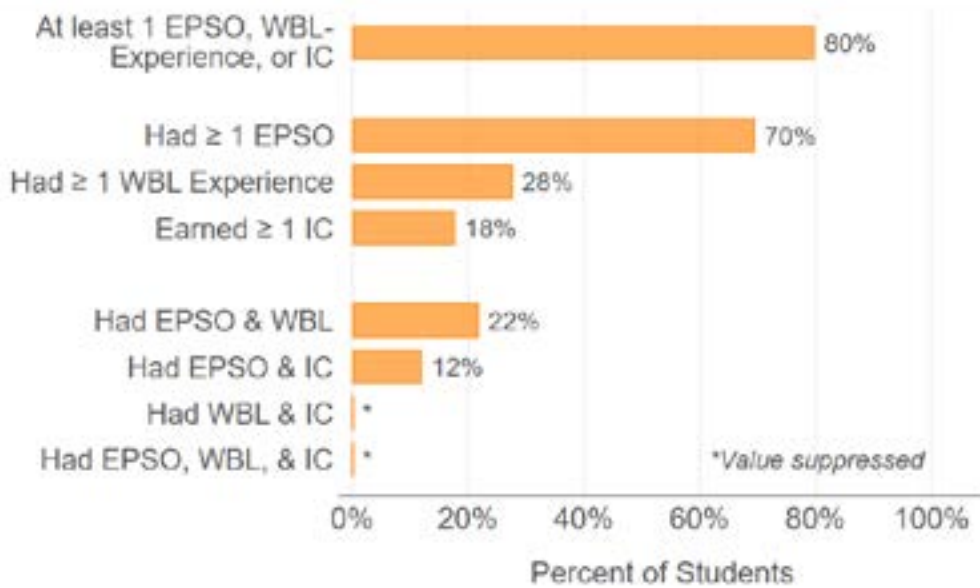
The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

Program Profiles

- Architecture & Construction Programs:
 - [Architectural & Engineering Design](#)
 - [Interior Design](#)
 - [Mechanical, Electrical, & Plumbing \(MEP\) Systems](#)
 - [Residential & Commercial Construction](#)
 - [Structural Systems](#)

Architectural & Engineering Design: Early Postsecondary & Workforce Experiences

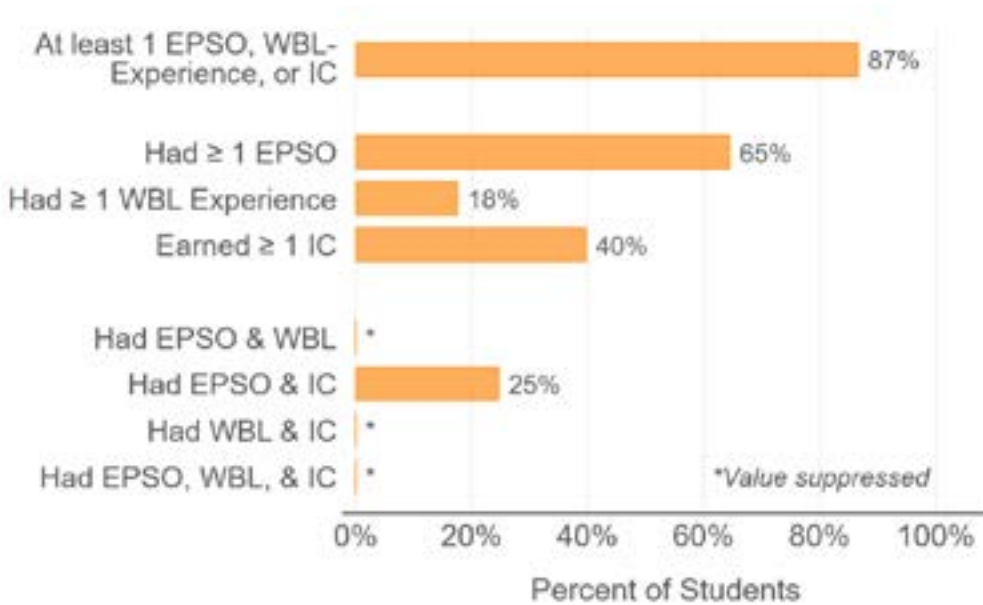


	Total Experiences	Per Student (out of 736 Level III+ students)
EPSO Participation	1,820	2.47
Work-Based Learning (WBL) Courses	264	0.36
Industry Credentials – Tier 1 (Recognized)	75	0.10
Industry Credentials – Tier 2 (Valued)	54	0.07
Industry Credentials – Tier 3 (Preferred)	51	0.07

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

Interior Design: Early Postsecondary & Workforce Experiences

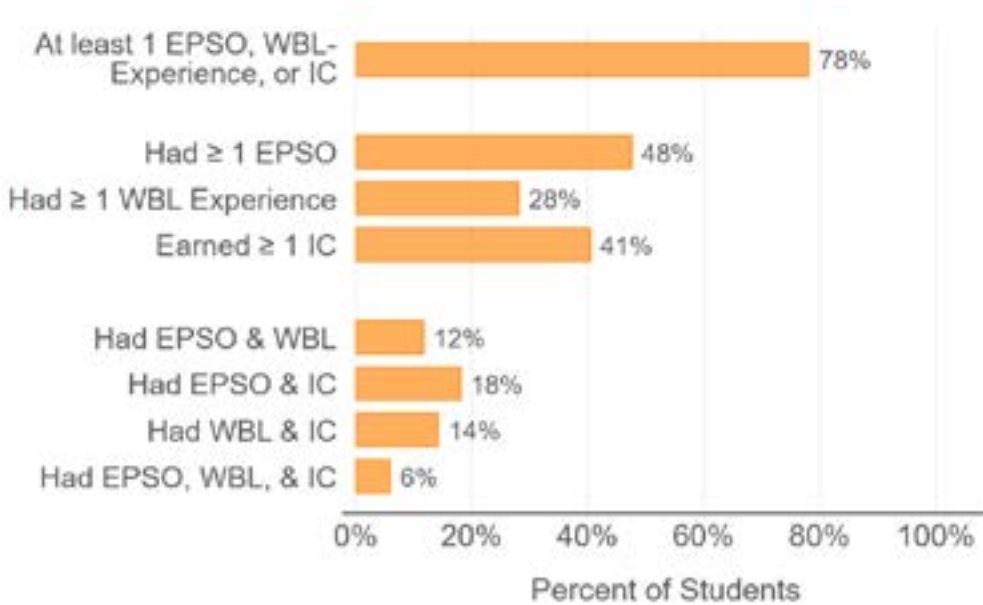


	Total Experiences	Per Student (out of 113 Level III+ students)
EPISO Participation	240	2.12
Work-Based Learning (WBL) Courses	23	0.20
Industry Credentials – Tier 1 (Recognized)	44	0.39
Industry Credentials – Tier 2 (Valued)	*	*
Industry Credentials – Tier 3 (Preferred)	*	*

The table and figure summarize EPISO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPISO experiences. * Value suppressed.

Mechanical, Electrical, & Plumbing (MEP) Systems:

Early Postsecondary & Workforce Experiences

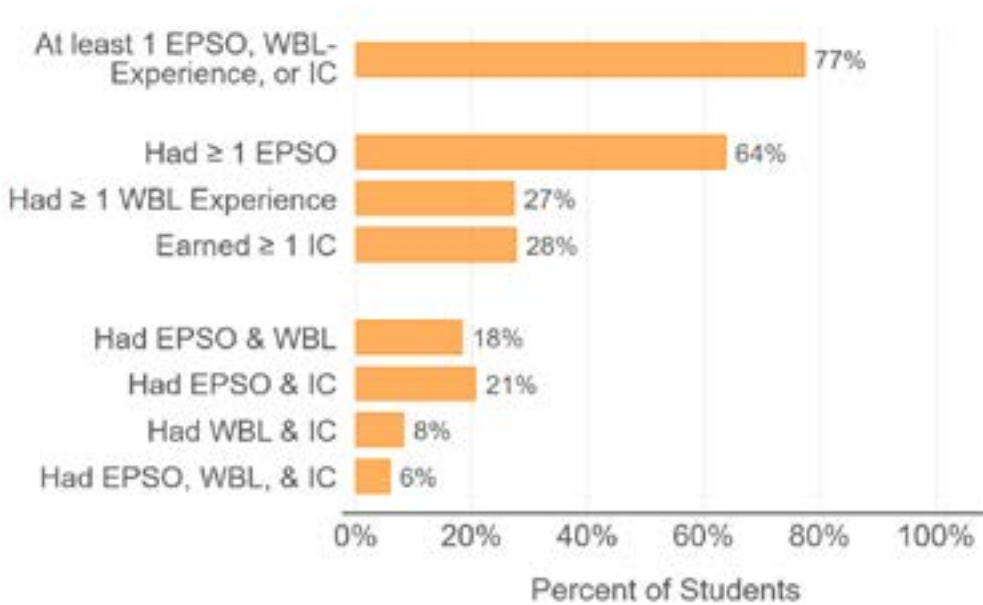


	Total Experiences	Per Student (out of 687 Level III+ students)
EPSO Participation	879	1.28
Work-Based Learning (WBL) Courses	222	0.32
Industry Credentials – Tier 1 (Recognized)	364	0.53
Industry Credentials – Tier 2 (Valued)	39	0.06
Industry Credentials – Tier 3 (Preferred)	63	0.09

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

Residential & Commercial Construction: Early Postsecondary & Workforce Experiences

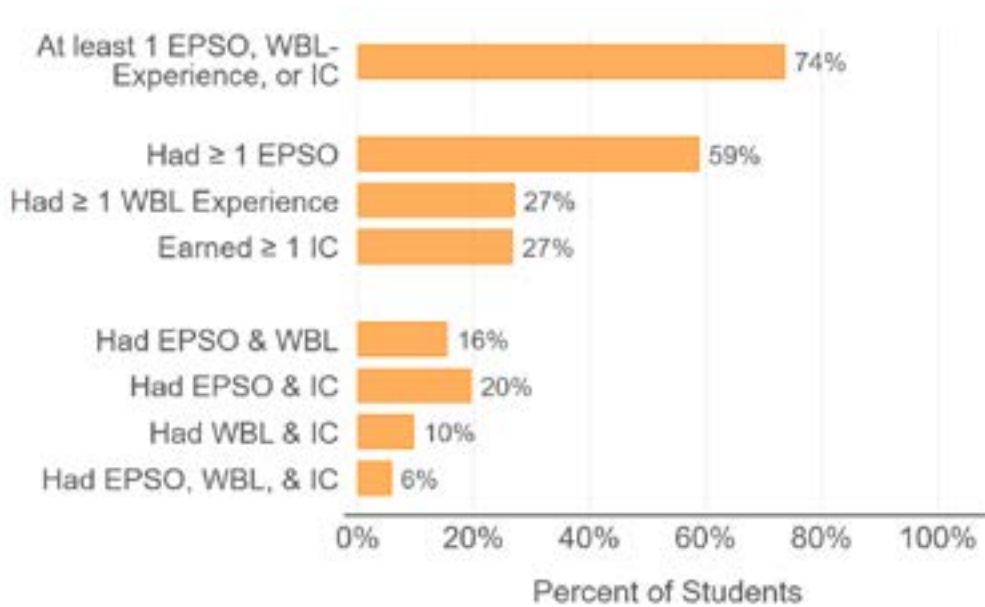


	Total Experiences	Per Student (out of 1,264 Level III+ students)
EPSO Participation	2,205	1.74
Work-Based Learning (WBL) Courses	424	0.34
Industry Credentials – Tier 1 (Recognized)	313	0.25
Industry Credentials – Tier 2 (Valued)	76	0.06
Industry Credentials – Tier 3 (Preferred)	96	0.08

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

Structural Systems: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 1,161 Level III+ students)
EPSO Participation	1,469	1.27
Work-Based Learning (WBL) Courses	393	0.34
Industry Credentials – Tier 1 (Recognized)	281	0.24
Industry Credentials – Tier 2 (Valued)	66	0.06
Industry Credentials – Tier 3 (Preferred)	108	0.09

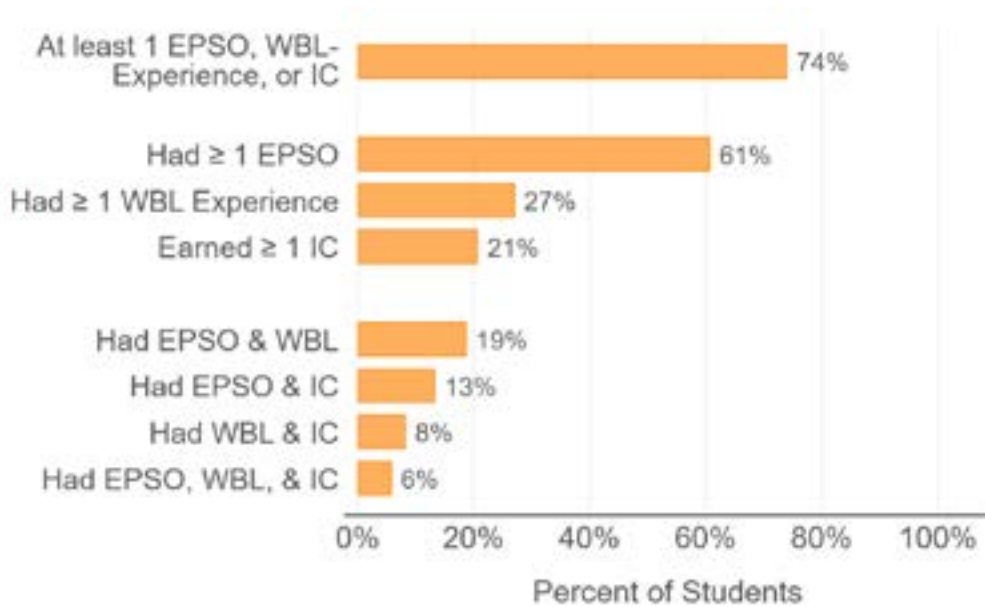
The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

Program Profiles

- Arts, Audio/Visual Technology, & Communications Programs:
 - [Audio/Visual Production](#)
 - [Digital Arts & Design](#)
 - [Fashion Design](#)

Audio/Visual Production: Early Postsecondary & Workforce Experiences

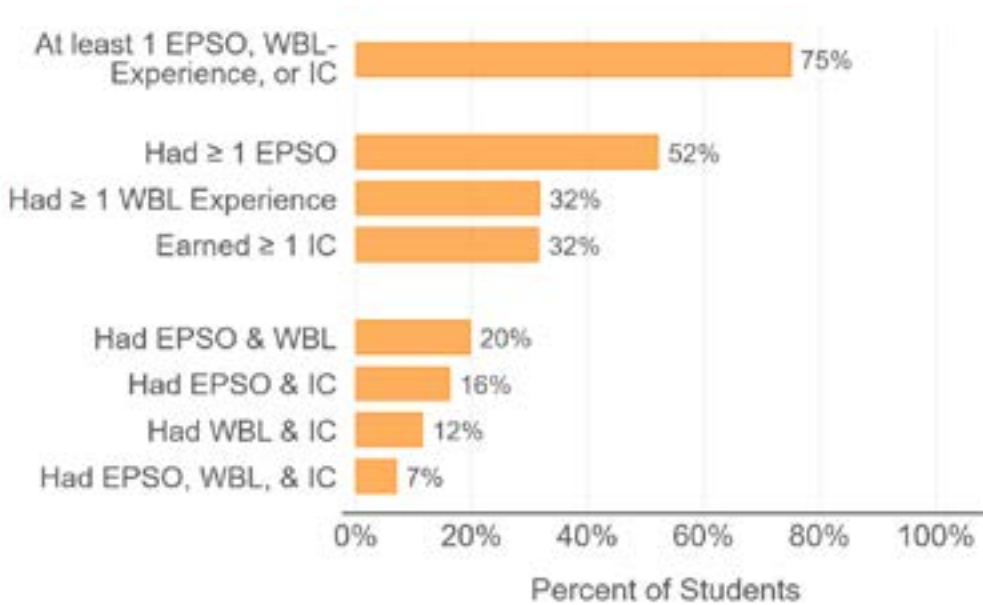


	Total Experiences	Per Student (out of 1,841 Level III+ students)
EPSO Participation	3,506	1.90
Work-Based Learning (WBL) Courses	626	0.34
Industry Credentials – Tier 1 (Recognized)	114	0.06
Industry Credentials – Tier 2 (Valued)	30	0.02
Industry Credentials – Tier 3 (Preferred)	321	0.17

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

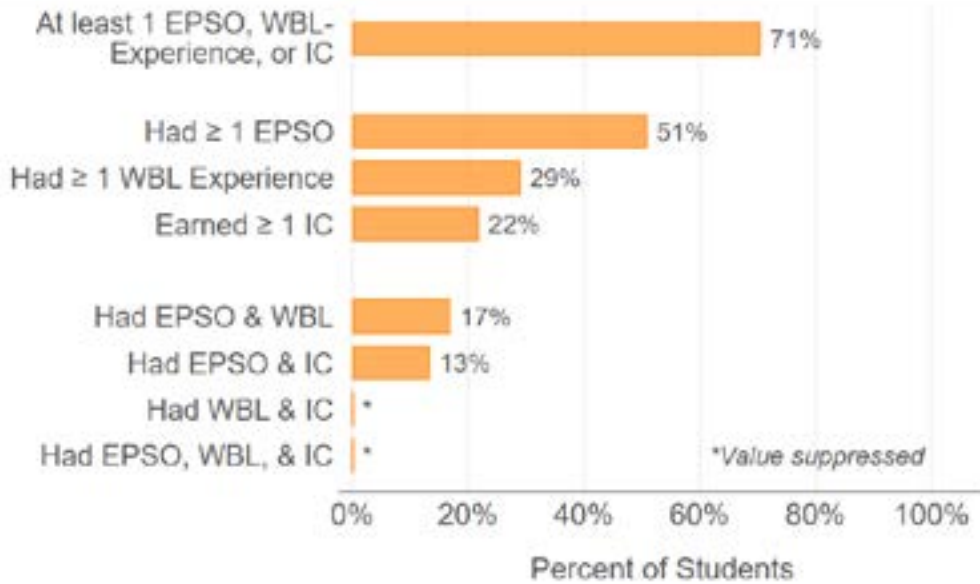
Digital Arts & Design: Early Postsecondary & Workforce Experiences



^c	Total Experiences	Per Student (out of 2,073 Level III+ students)
EPSO Participation	3,001	1.45
Work-Based Learning (WBL) Courses	805	0.39
Industry Credentials – Tier 1 (Recognized)	205	0.10
Industry Credentials – Tier 2 (Valued)	125	0.06
Industry Credentials – Tier 3 (Preferred)	505	0.24

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Fashion Design: Early Postsecondary & Workforce Experiences



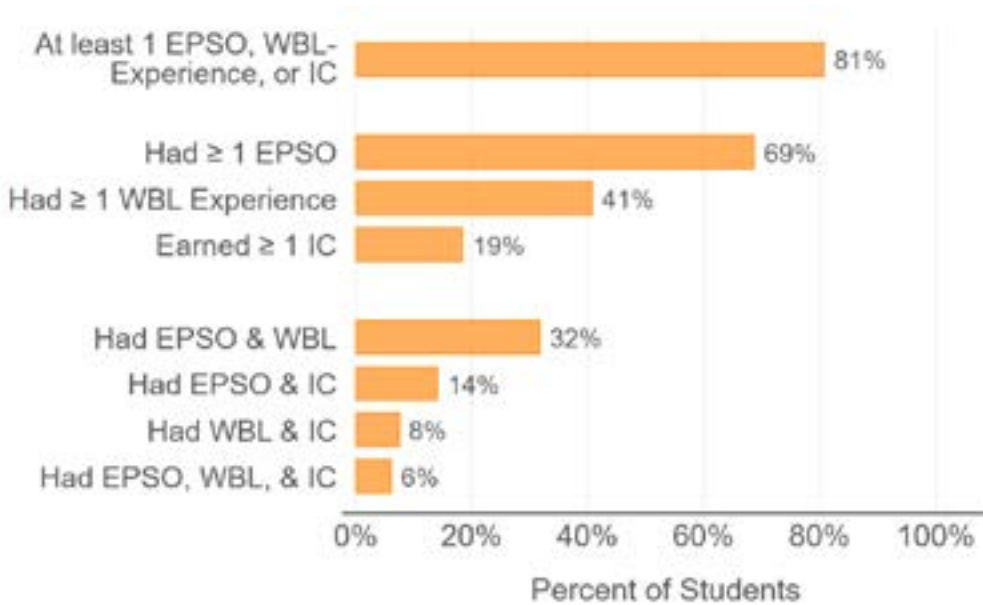
	Total Experiences	Per Student (out of 224 Level III+ students)
EPSO Participation	349	1.56
Work-Based Learning (WBL) Courses	81	0.36
Industry Credentials – Tier 1 (Recognized)	36	0.16
Industry Credentials – Tier 2 (Valued)	*	*
Industry Credentials – Tier 3 (Preferred)	20	0.09

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Program Profiles

- Business Management & Administration Programs:
 - [Business Management](#)
 - [Health Services Administration](#)
 - [Office Management](#)

Business Management: Early Postsecondary & Workforce Experiences

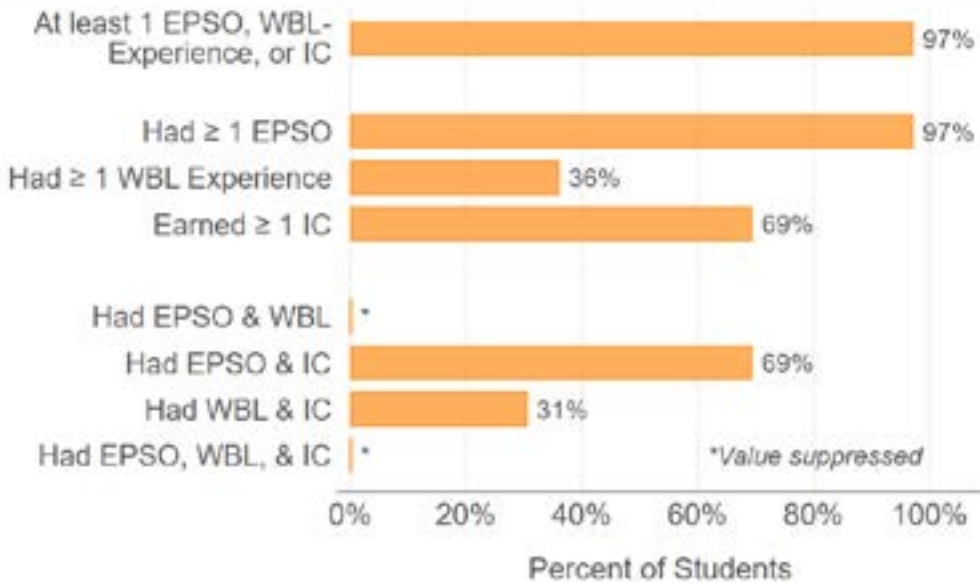


	Total Experiences	Per Student (out of 2,321 Level III+ students)
EPSO Participation	5,723	2.47
Work-Based Learning (WBL) Courses	1,122	0.48
Industry Credentials – Tier 1 (Recognized)	196	0.08
Industry Credentials – Tier 2 (Valued)	314	0.14
Industry Credentials – Tier 3 (Preferred)	101	0.04

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

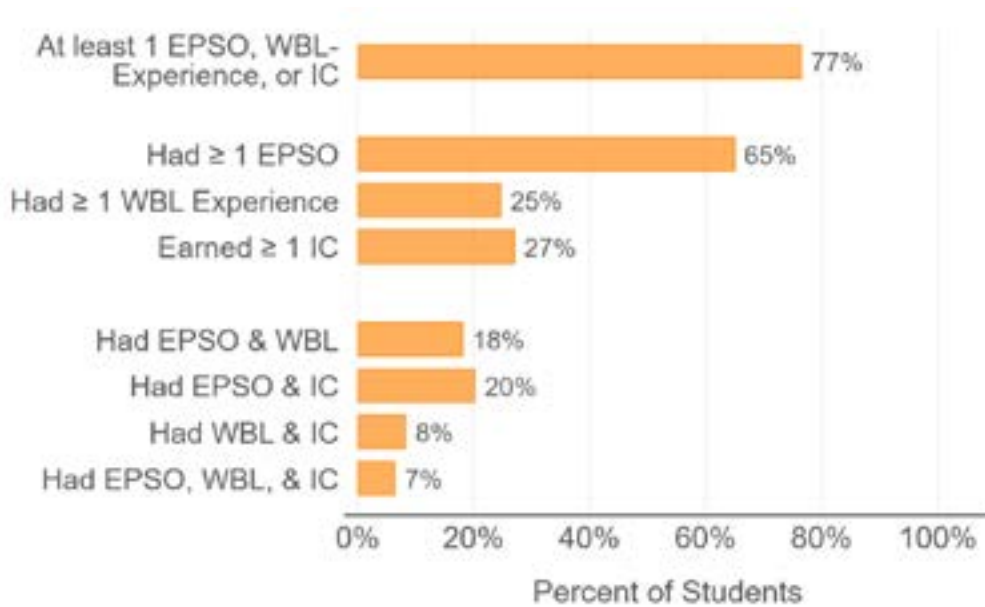
Health Services Administration: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 36 Level III+ students)
EPSO Participation	122	3.39
Work-Based Learning (WBL) Courses	16	0.44
Industry Credentials – Tier 1 (Recognized)	*	*
Industry Credentials – Tier 2 (Valued)	25	0.69
Industry Credentials – Tier 3 (Preferred)	*	*

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Office Management: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 2,239 Level III+ students)
EPSO Participation	4,475	2.00
Work-Based Learning (WBL) Courses	679	0.30
Industry Credentials – Tier 1 (Recognized)	279	0.12
Industry Credentials – Tier 2 (Valued)	563	0.25
Industry Credentials – Tier 3 (Preferred)	126	0.06

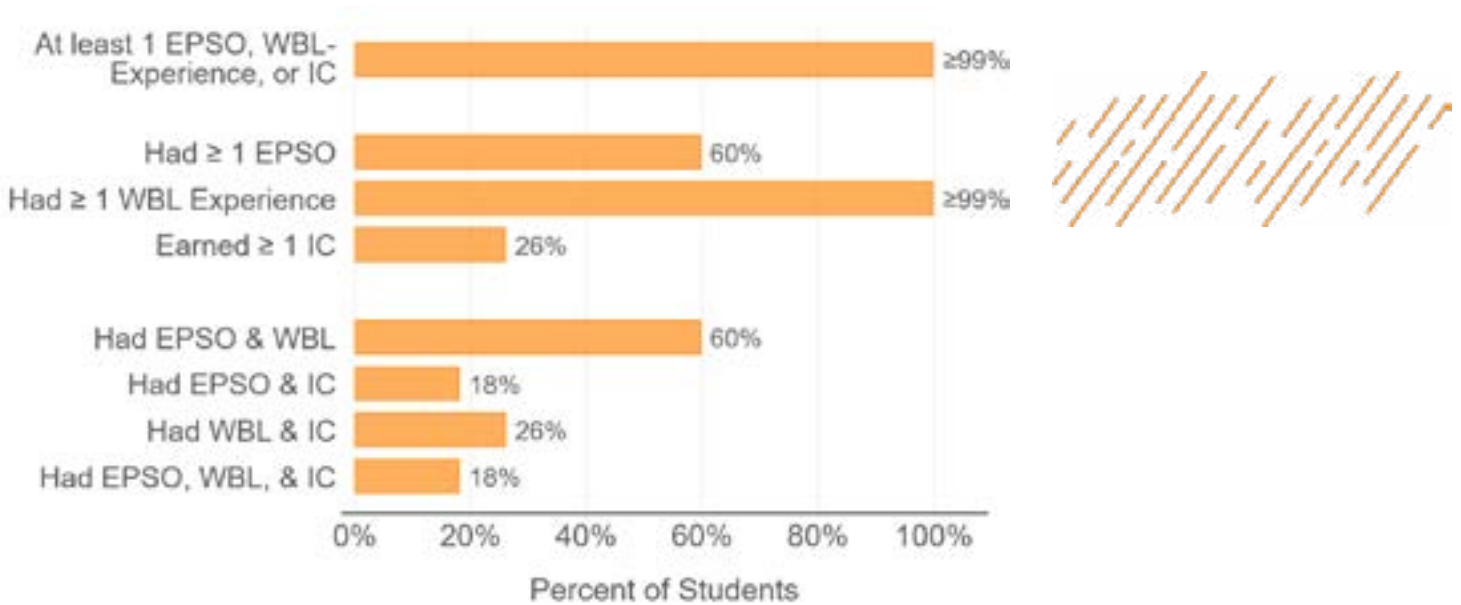
The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

Program Profiles

- Education & Training Programs:
 - [Early Childhood Education Careers](#)
 - [Educational Therapy and Support](#)
 - [Teaching as a Profession \(K-12\)](#)

Early Childhood Education Careers: Early Postsecondary & Workforce Experiences

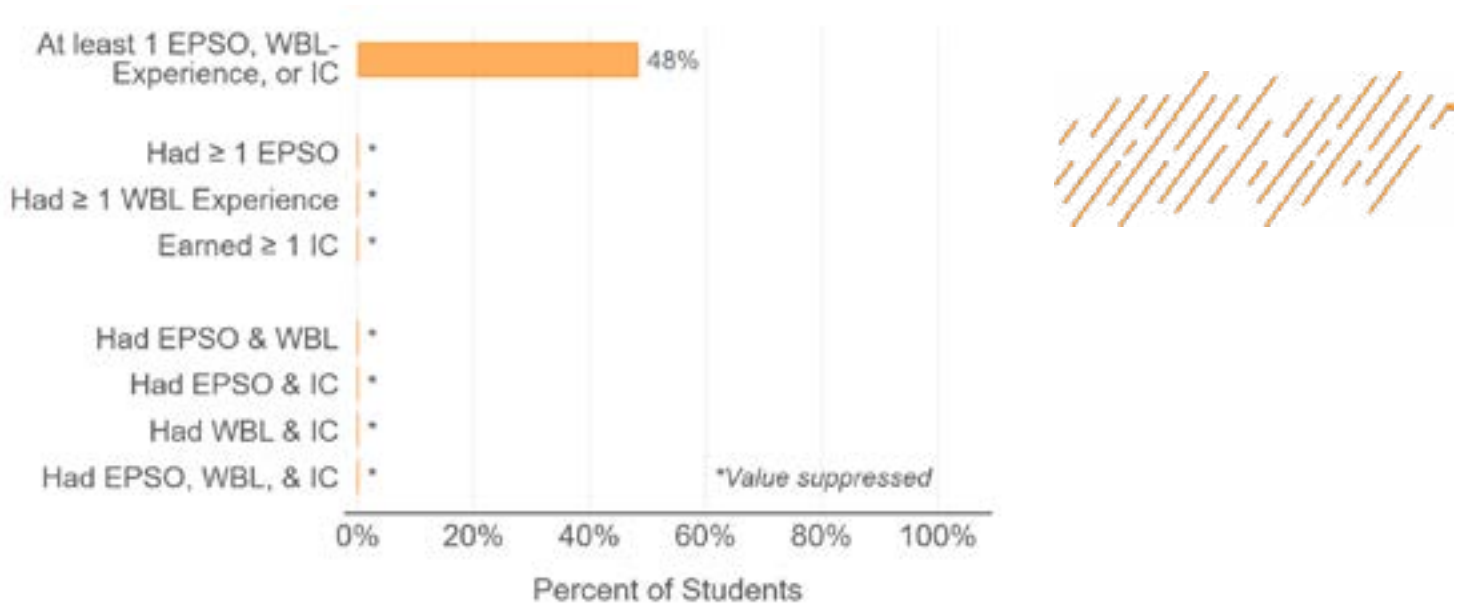


	Total Experiences	Per Student (out of 487 Level III+ students)
EPSO Participation	764	1.57
Work-Based Learning (WBL) Courses	1,843	3.78
Industry Credentials – Tier 1 (Recognized)	74	0.15
Industry Credentials – Tier 2 (Valued)	43	0.09
Industry Credentials – Tier 3 (Preferred)	46	0.09

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

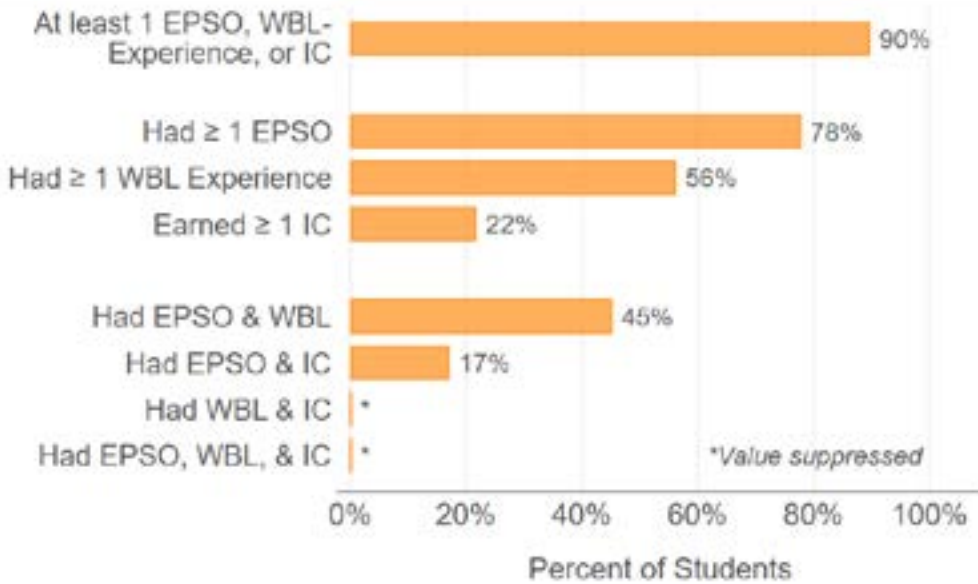
Educational Therapy and Support: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 31 Level III+ students)
EPSO Participation	*	*
Work-Based Learning (WBL) Courses	*	*
Industry Credentials – Tier 1 (Recognized)	*	*
Industry Credentials – Tier 2 (Valued)	*	*
Industry Credentials – Tier 3 (Preferred)	*	*

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Teaching as a Profession (K-12): Early Postsecondary & Workforce Experiences



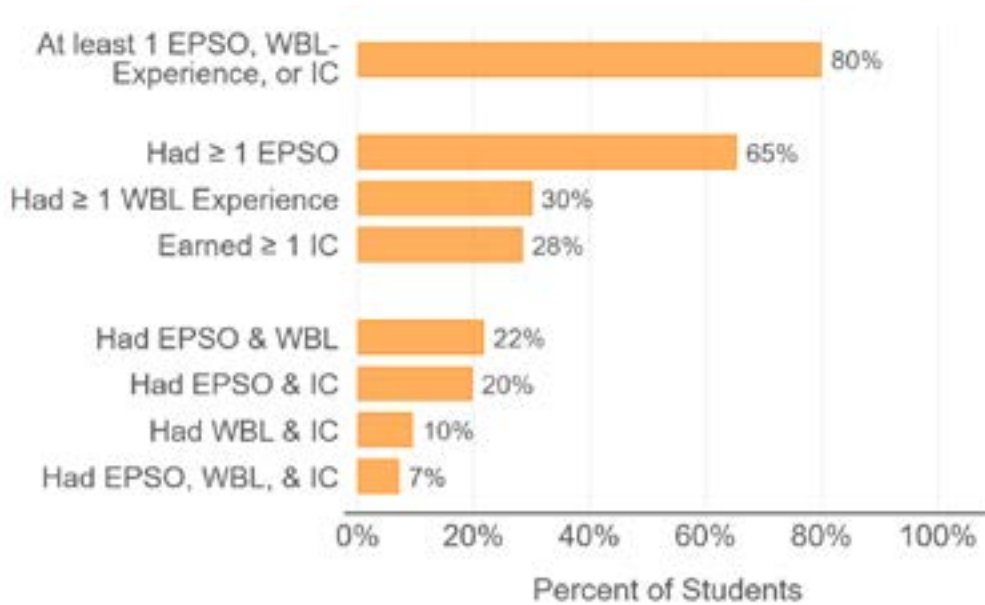
	Total Experiences	Per Student (out of 537 Level III+ students)
EPSO Participation	1,551	2.89
Work-Based Learning (WBL) Courses	485	0.90
Industry Credentials – Tier 1 (Recognized)	103	0.19
Industry Credentials – Tier 2 (Valued)	*	*
Industry Credentials – Tier 3 (Preferred)	14	0.03

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Program Profiles

- Finance Programs:
 - [Accounting](#)
 - [Banking and Finance](#)

Accounting: Early Postsecondary & Workforce Experiences

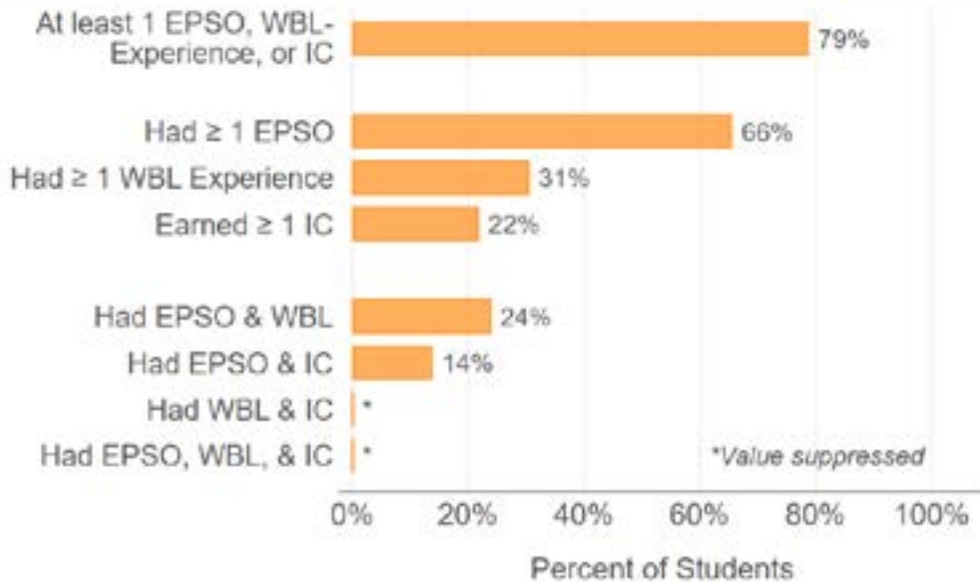


	Total Experiences	Per Student (out of 555 Level III+ students)
EPSO Participation	1,550	2.79
Work-Based Learning (WBL) Courses	221	0.40
Industry Credentials – Tier 1 (Recognized)	50	0.09
Industry Credentials – Tier 2 (Valued)	151	0.27
Industry Credentials – Tier 3 (Preferred)	50	0.09

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

Banking and Finance: Early Postsecondary & Workforce Experiences



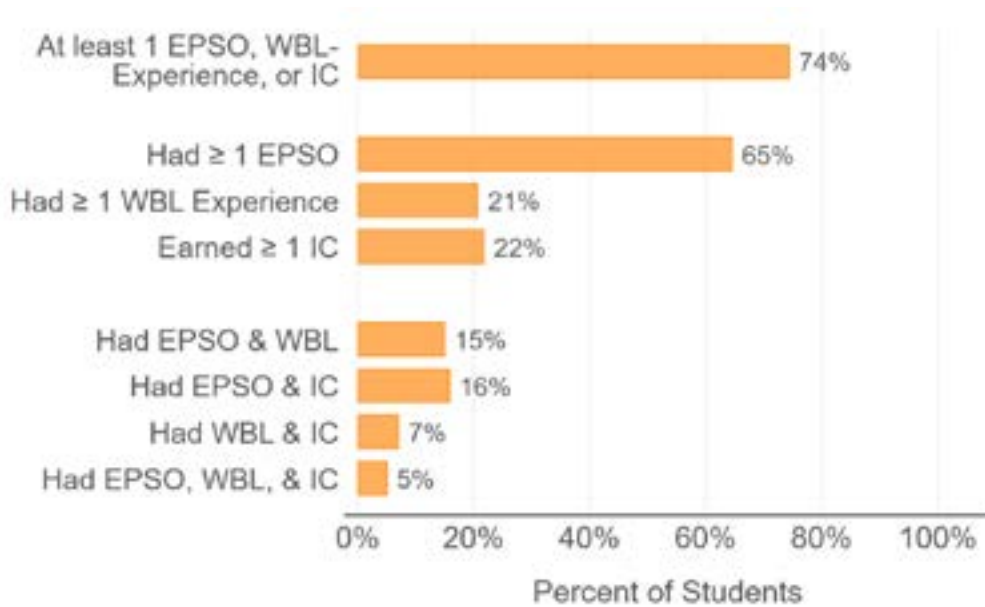
	Total Experiences	Per Student (out of 288 Level III+ students)
EPSO Participation	684	2.38
Work-Based Learning (WBL) Courses	125	0.43
Industry Credentials – Tier 1 (Recognized)	19	0.07
Industry Credentials – Tier 2 (Valued)	55	0.19
Industry Credentials – Tier 3 (Preferred)	*	*

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Program Profiles

- Government & Public Administration Programs:
 - [Leadership in Government](#)

Leadership in Government: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 3,287 Level III+ students)
EPSO Participation	6,021	1.83
Work-Based Learning (WBL) Courses	861	0.26
Industry Credentials – Tier 1 (Recognized)	518	0.16
Industry Credentials – Tier 2 (Valued)	122	0.04
Industry Credentials – Tier 3 (Preferred)	311	0.09

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

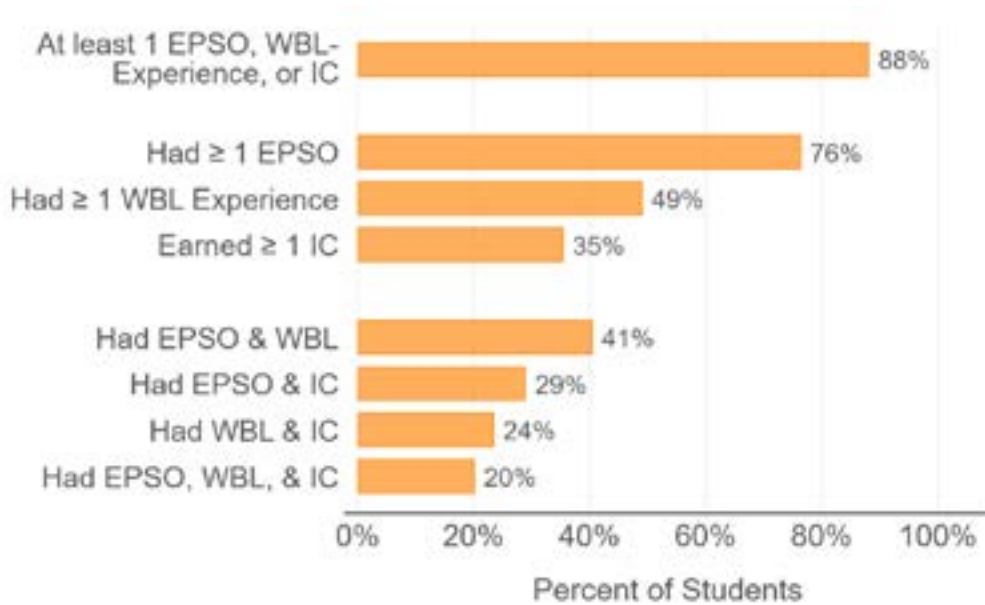
Program Profiles

■ Health Science Programs:

There are five programs of study in the Health Science career cluster, listed below. Their course requirements have a great deal of overlap. Rather than assign students to one of multiple Health Science programs where they might be engaged, or to all of them, we consider the five Health Science programs as one combined program of study.

- Diagnostic Services
- Emergency Services
- Nursing Services
- Sport and Human Performance
- Therapeutic Services

Combined Health Science Programs: Early Postsecondary & Workforce Experiences



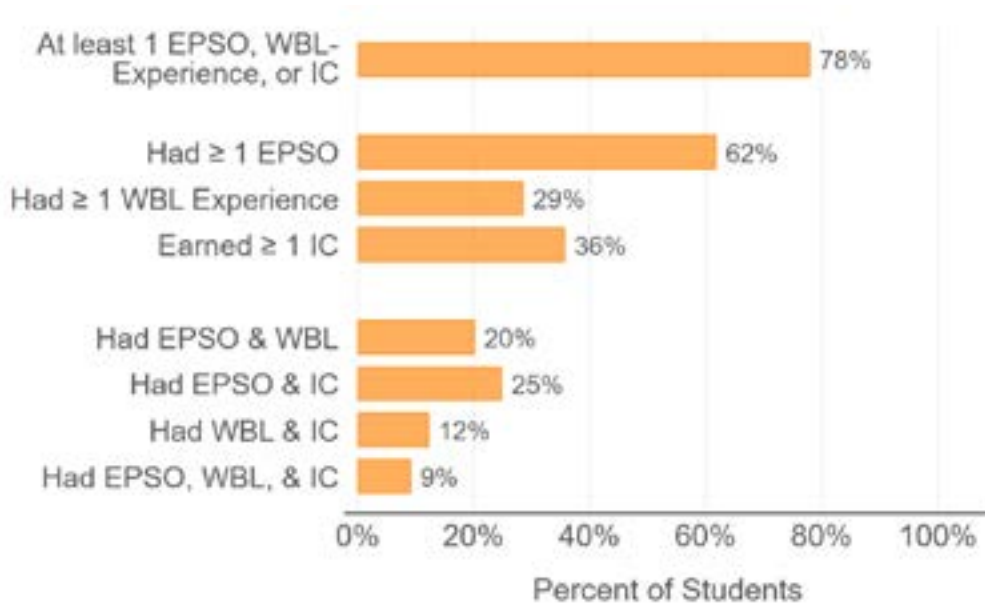
	Total Experiences	Per Student (out of 16,669 Level III+ students)
EPISO Participation	47,852	2.87
Work-Based Learning (WBL) Courses	11,472	0.69
Industry Credentials – Tier 1 (Recognized)	3,823	0.23
Industry Credentials – Tier 2 (Valued)	408	0.02
Industry Credentials – Tier 3 (Preferred)	3,867	0.23

The table and figure summarize EPISO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPISO experiences. * Value suppressed.

Program Profiles

- Hospitality & Tourism Programs:
 - [Culinary Arts](#)
 - [Hospitality and Tourism Management](#)

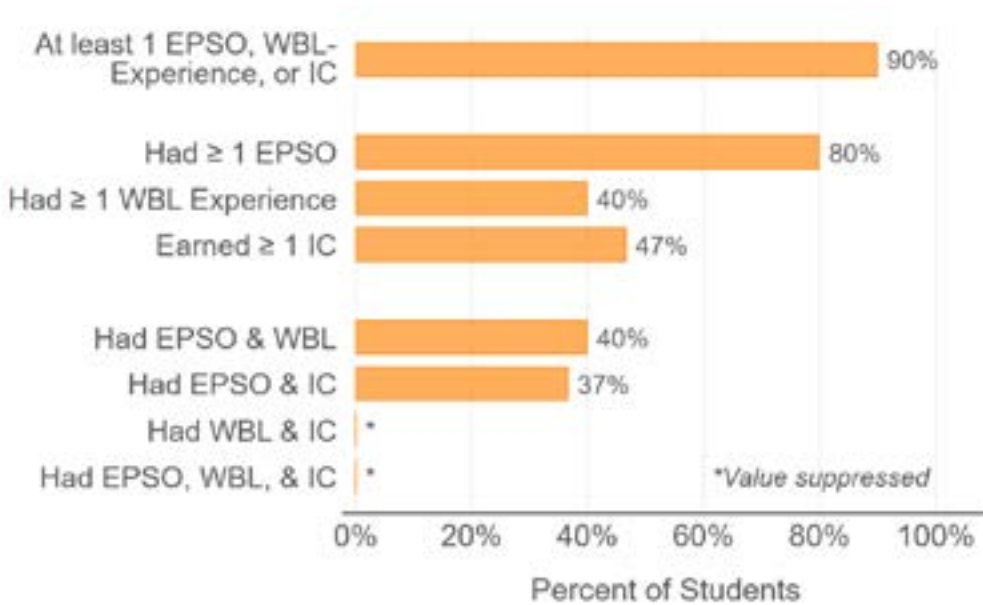
Culinary Arts: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 3,284 Level III+ students)
EPSO Participation	5,343	1.63
Work-Based Learning (WBL) Courses	1,119	0.34
Industry Credentials – Tier 1 (Recognized)	435	0.13
Industry Credentials – Tier 2 (Valued)	122	0.04
Industry Credentials – Tier 3 (Preferred)	902	0.27

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Hospitality and Tourism Management: Early Postsecondary & Workforce Experiences



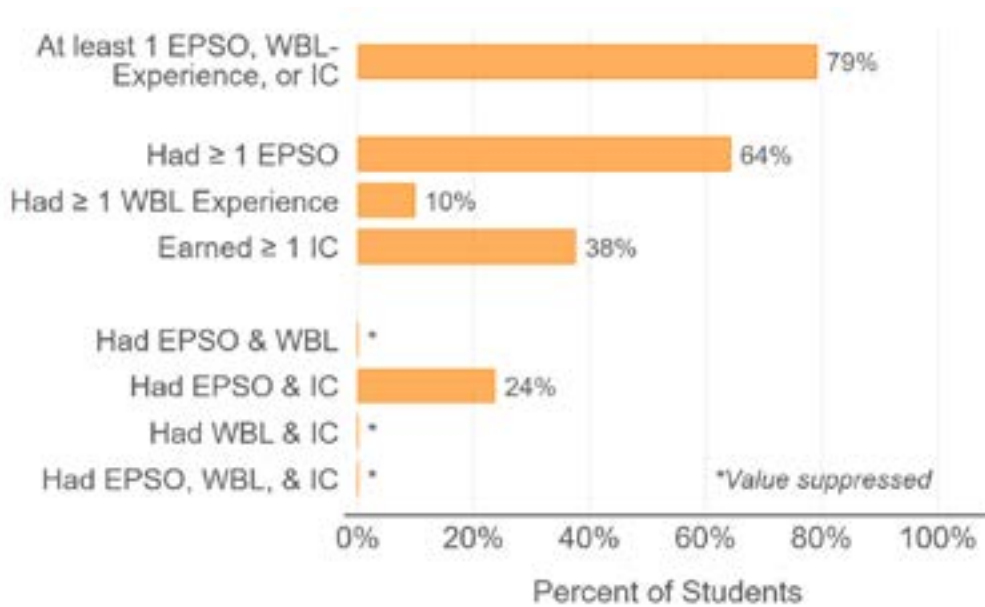
	Total Experiences	Per Student (out of 30 Level III+ students)
EPSO Participation	88	2.93
Work-Based Learning (WBL) Courses	12	0.40
Industry Credentials – Tier 1 (Recognized)	*	*
Industry Credentials – Tier 2 (Valued)	*	*
Industry Credentials – Tier 3 (Preferred)	*	*

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Program Profiles

- Human Services Programs:
 - [Barbering](#)
 - [Cosmetology](#)
 - [Dietetics and Nutrition](#)
 - [Human and Social Sciences](#)

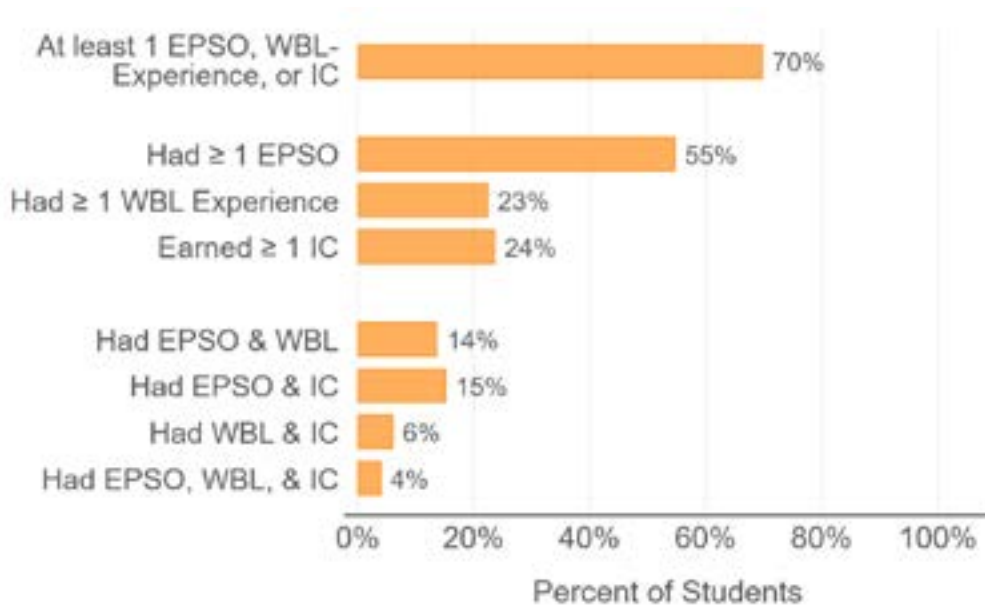
Barbering: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 101 Level III+ students)
EPSO Participation	108	1.07
Work-Based Learning (WBL) Courses	10	0.10
Industry Credentials – Tier 1 (Recognized)	29	0.29
Industry Credentials – Tier 2 (Valued)	*	*
Industry Credentials – Tier 3 (Preferred)	*	*

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

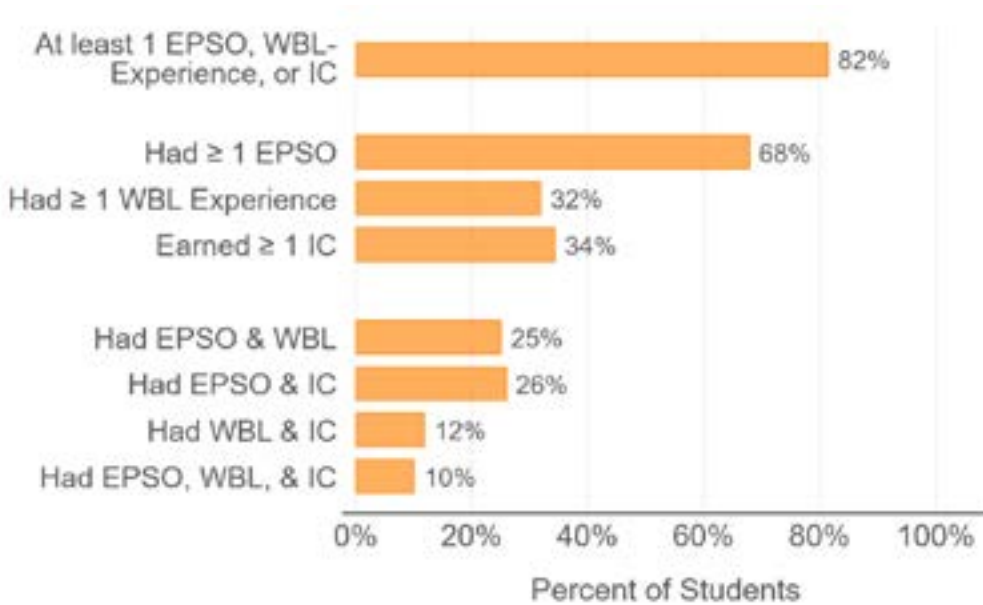
Cosmetology: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 2,339 Level III+ students)
EPSO Participation	3,070	1.31
Work-Based Learning (WBL) Courses	639	0.27
Industry Credentials – Tier 1 (Recognized)	408	0.17
Industry Credentials – Tier 2 (Valued)	40	0.02
Industry Credentials – Tier 3 (Preferred)	219	0.09

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Dietetics and Nutrition: Early Postsecondary & Workforce Experiences

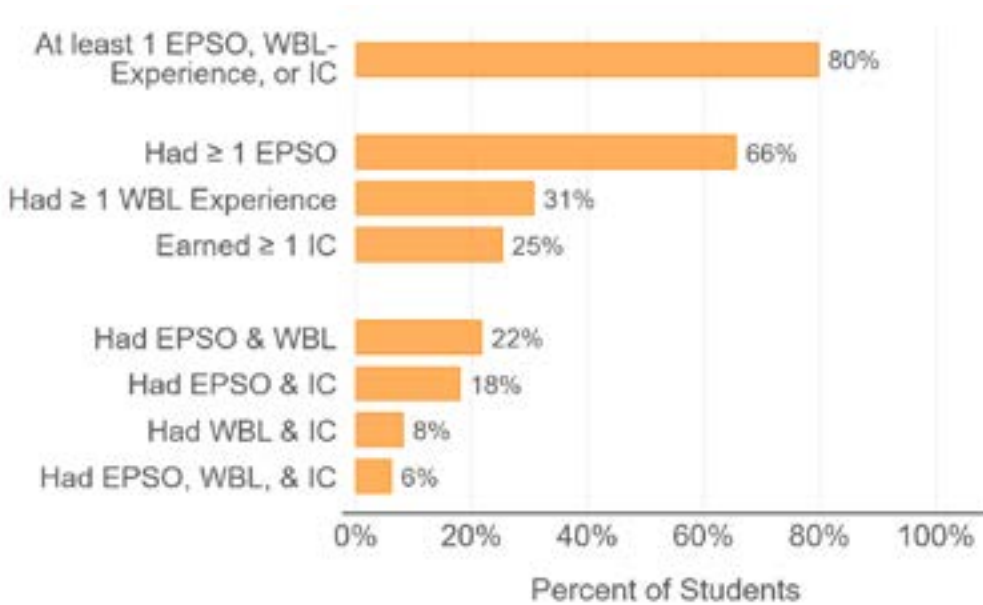


	Total Experiences	Per Student (out of 1,149 Level III+ students)
EPSO Participation	2,202	1.92
Work-Based Learning (WBL) Courses	496	0.43
Industry Credentials – Tier 1 (Recognized)	144	0.13
Industry Credentials – Tier 2 (Valued)	52	0.05
Industry Credentials – Tier 3 (Preferred)	293	0.26

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

Human and Social Sciences: Early Postsecondary & Workforce Experiences



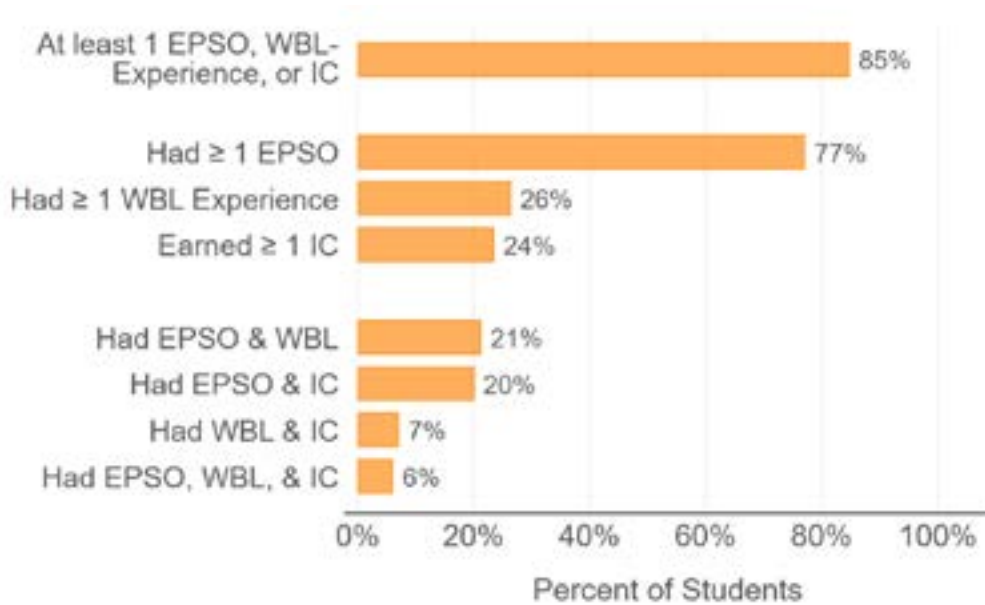
	Total Experiences	Per Student (out of 2,115 Level III+ students)
EPSO Participation	4,179	1.98
Work-Based Learning (WBL) Courses	844	0.40
Industry Credentials – Tier 1 (Recognized)	243	0.11
Industry Credentials – Tier 2 (Valued)	75	0.04
Industry Credentials – Tier 3 (Preferred)	342	0.16

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Program Profiles

- Information Technology Programs:
 - [Coding](#)
 - [Cybersecurity](#)
 - [Networking Systems](#)
 - [Web Design](#)

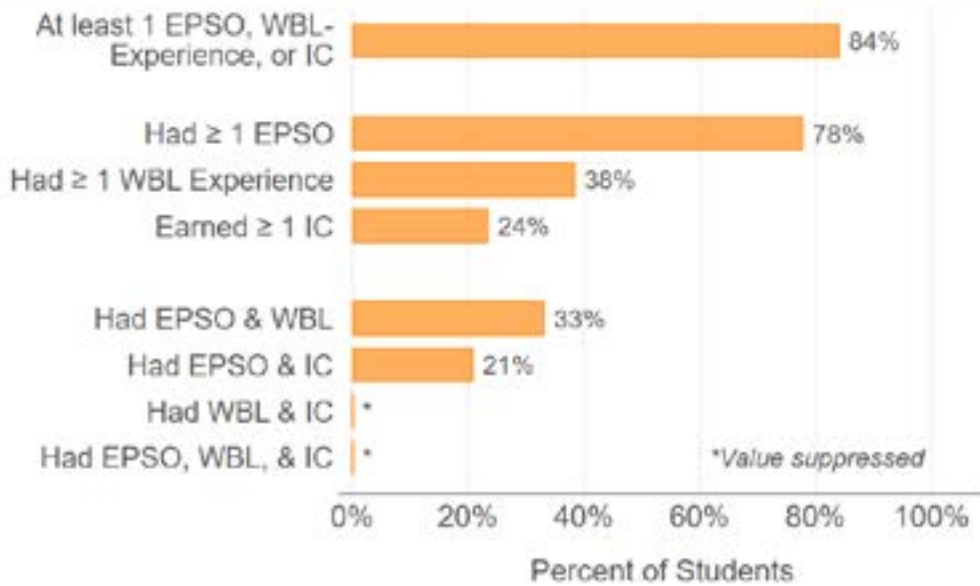
Coding: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 1,687 Level III+ students)
EPSO Participation	5,052	2.99
Work-Based Learning (WBL) Courses	528	0.31
Industry Credentials – Tier 1 (Recognized)	134	0.08
Industry Credentials – Tier 2 (Valued)	145	0.09
Industry Credentials – Tier 3 (Preferred)	242	0.14

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Cybersecurity: Early Postsecondary & Workforce Experiences

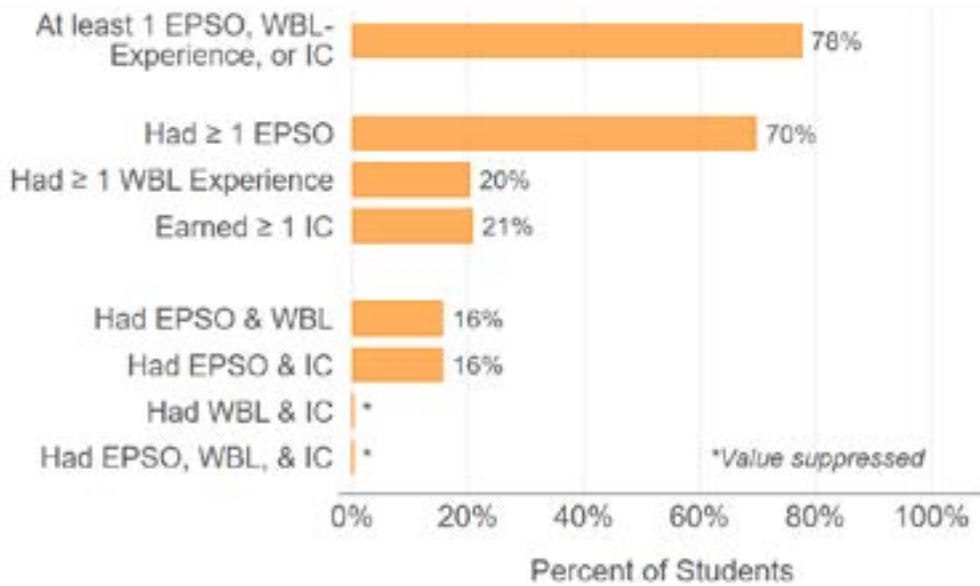


	Total Experiences	Per Student (out of 497 Level III+ students)
EPSO Participation	1,604	3.23
Work-Based Learning (WBL) Courses	237	0.48
Industry Credentials – Tier 1 (Recognized)	45	0.09
Industry Credentials – Tier 2 (Valued)	39	0.08
Industry Credentials – Tier 3 (Preferred)	84	0.17

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

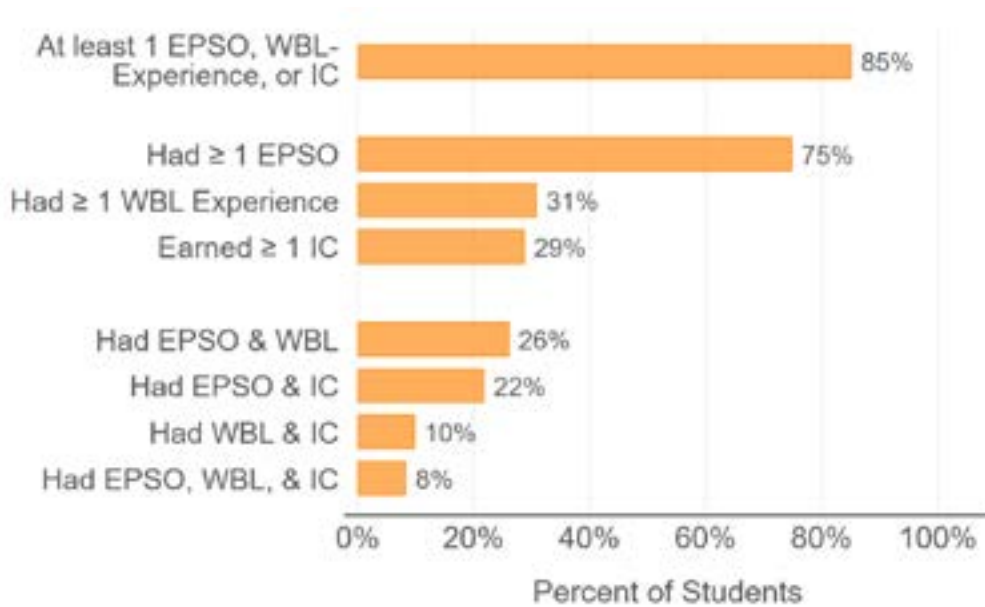
Networking Systems: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 370 Level III+ students)
EPSO Participation	717	1.94
Work-Based Learning (WBL) Courses	81	0.22
Industry Credentials – Tier 1 (Recognized)	35	0.09
Industry Credentials – Tier 2 (Valued)	*	*
Industry Credentials – Tier 3 (Preferred)	52	0.14

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Web Design: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 750 Level III+ students)
EPSO Participation	1,955	2.61
Work-Based Learning (WBL) Courses	277	0.37
Industry Credentials – Tier 1 (Recognized)	125	0.17
Industry Credentials – Tier 2 (Valued)	31	0.04
Industry Credentials – Tier 3 (Preferred)	154	0.21

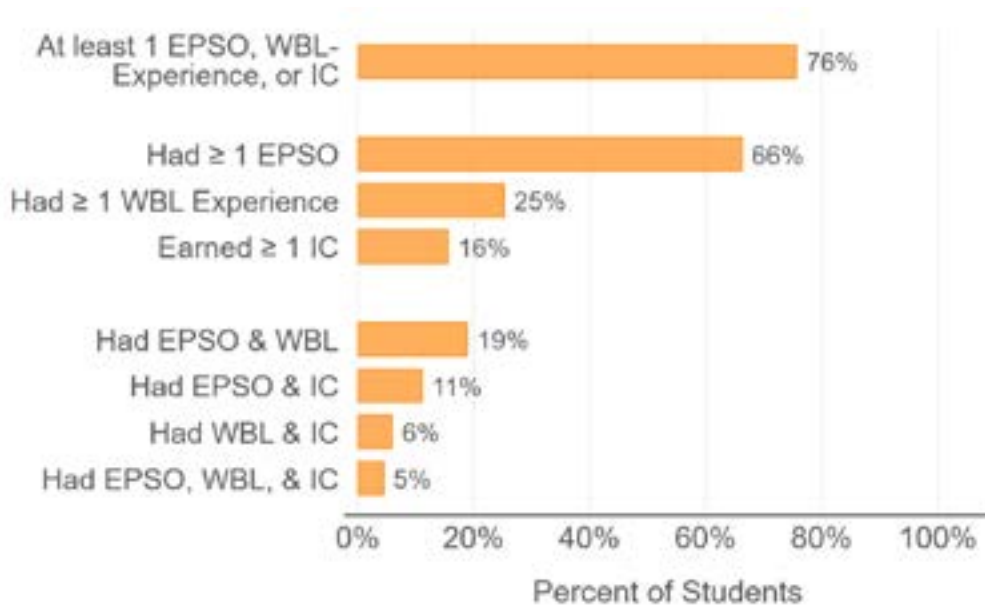
The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

Program Profiles

- Law, Public Safety, Corrections, & Security Programs:
 - [Criminal Justice and Correction Services](#)
 - [Fire Management Services](#)
 - [Pre-Law](#)

Criminal Justice and Correction Services: Early Postsecondary & Workforce Experiences

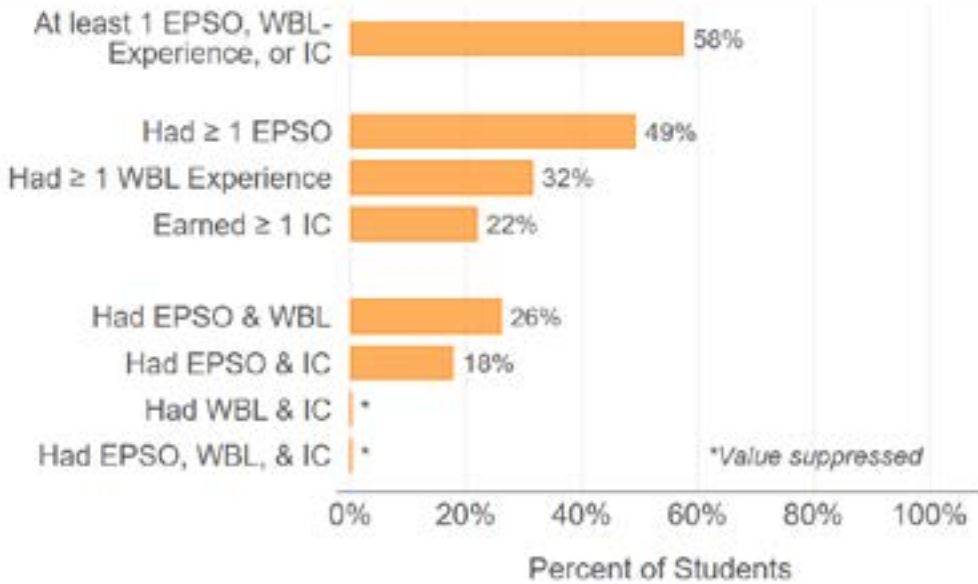


	Total Experiences	Per Student (out of 5,069 Level III+ students)
EPSO Participation	10,037	1.98
Work-Based Learning (WBL) Courses	1,583	0.31
Industry Credentials – Tier 1 (Recognized)	702	0.14
Industry Credentials – Tier 2 (Valued)	95	0.02
Industry Credentials – Tier 3 (Preferred)	192	0.04

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

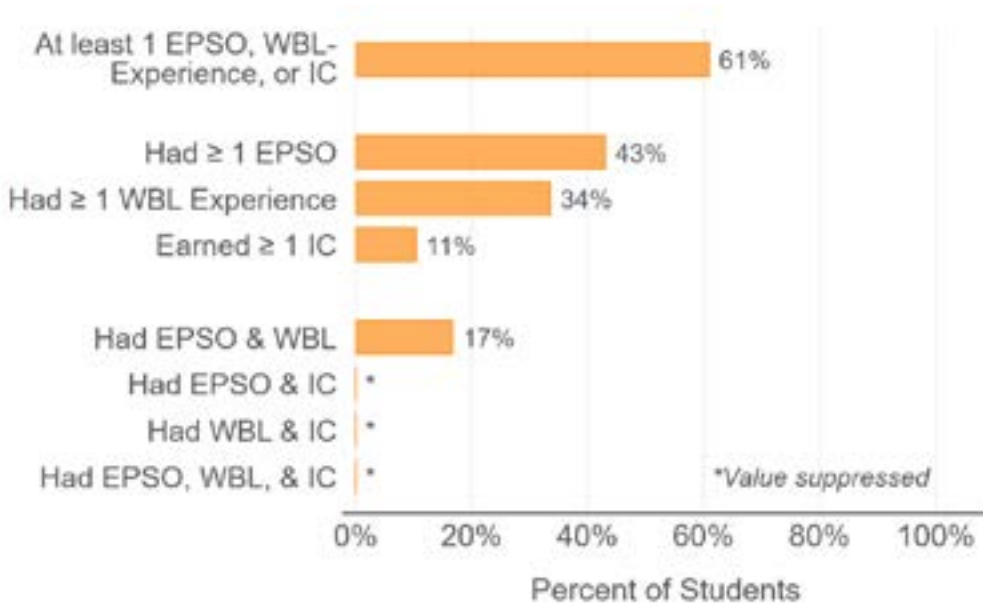
Fire Management Services: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 73 Level III+ students)
EPSO Participation	98	1.34
Work-Based Learning (WBL) Courses	25	0.34
Industry Credentials – Tier 1 (Recognized)	42	0.58
Industry Credentials – Tier 2 (Valued)	*	*
Industry Credentials – Tier 3 (Preferred)	*	*

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Pre-Law: Early Postsecondary & Workforce Experiences



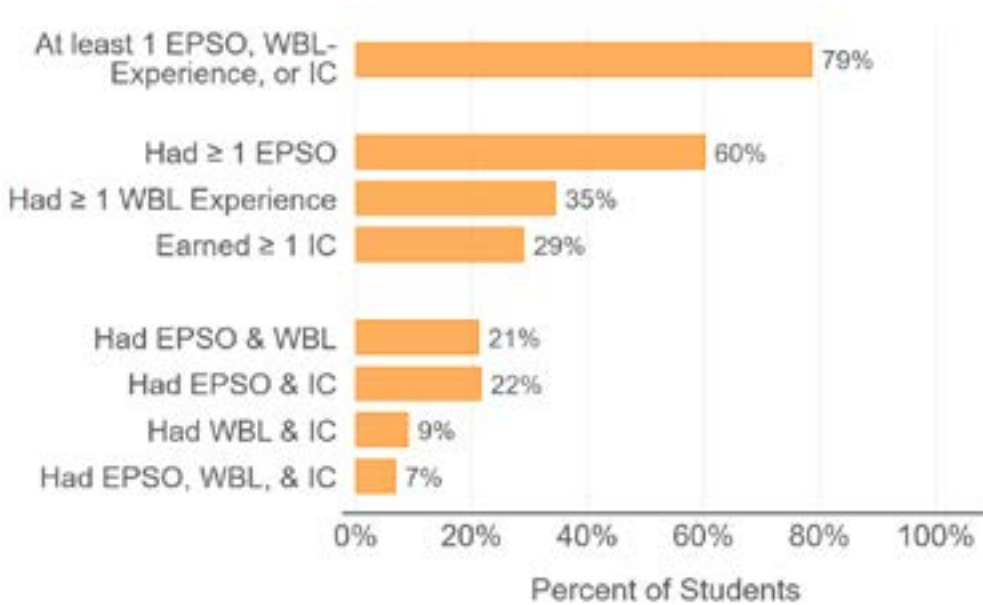
	Total Experiences	Per Student (out of 95 Level III+ students)
EPSO Participation	104	1.09
Work-Based Learning (WBL) Courses	45	0.47
Industry Credentials – Tier 1 (Recognized)	*	*
Industry Credentials – Tier 2 (Valued)	*	*
Industry Credentials – Tier 3 (Preferred)	*	*

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Program Profiles

- Marketing, Distribution, & Logistics Programs:
 - [Entrepreneurship](#)
 - [Marketing Management](#)
 - [Supply Chain Management](#)

Entrepreneurship: Early Postsecondary & Workforce Experiences

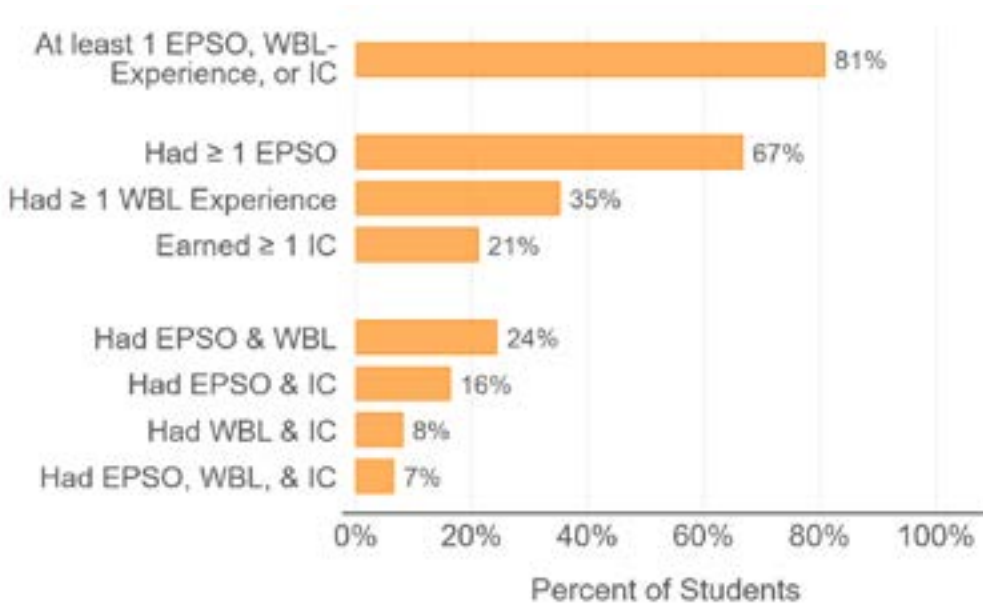


	Total Experiences	Per Student (out of 941 Level III+ students)
EPSO Participation	1,753	1.86
Work-Based Learning (WBL) Courses	416	0.44
Industry Credentials – Tier 1 (Recognized)	57	0.06
Industry Credentials – Tier 2 (Valued)	284	0.30
Industry Credentials – Tier 3 (Preferred)	30	0.03

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

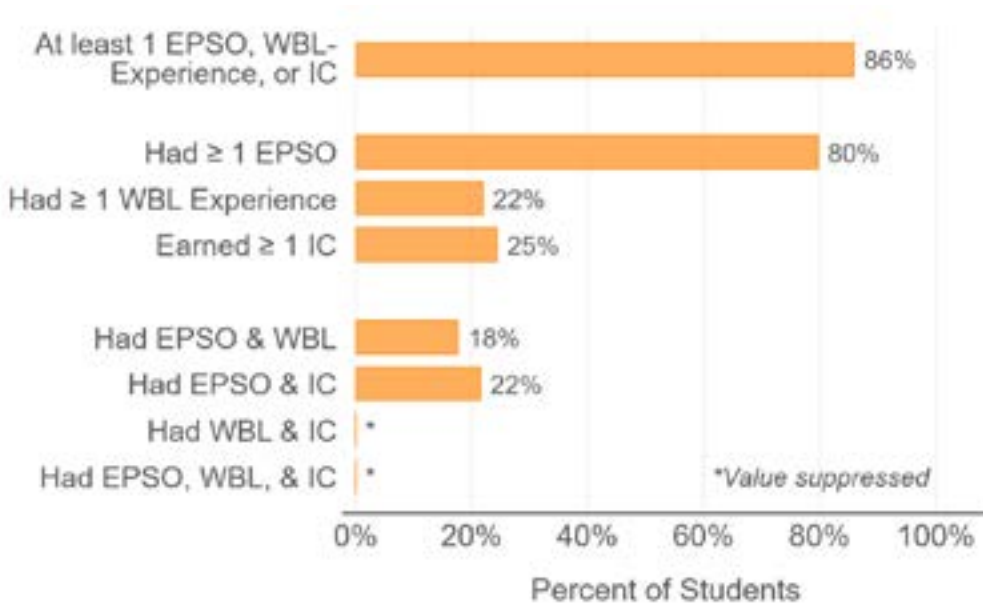
Marketing Management: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 1,656 Level III+ students)
EPSO Participation	3,630	2.19
Work-Based Learning (WBL) Courses	741	0.45
Industry Credentials – Tier 1 (Recognized)	90	0.05
Industry Credentials – Tier 2 (Valued)	373	0.23
Industry Credentials – Tier 3 (Preferred)	47	0.03

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Supply Chain Management: Early Postsecondary & Workforce Experiences



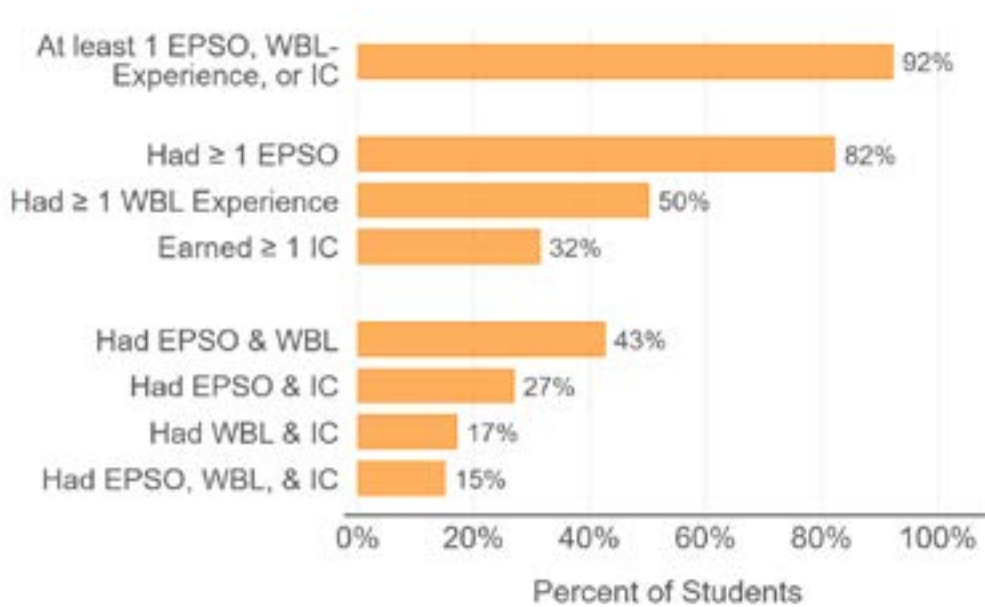
	Total Experiences	Per Student (out of 208 Level III+ students)
EPSO Participation	434	2.09
Work-Based Learning (WBL) Courses	58	0.28
Industry Credentials – Tier 1 (Recognized)	26	0.13
Industry Credentials – Tier 2 (Valued)	39	0.19
Industry Credentials – Tier 3 (Preferred)	*	*

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Program Profiles

- STEM Programs:
 - [Advanced STEM Applications](#)
 - [BioSTEM](#)
 - [Engineering](#)
 - [Technology](#)

Advanced STEM Applications: Early Postsecondary & Workforce Experiences

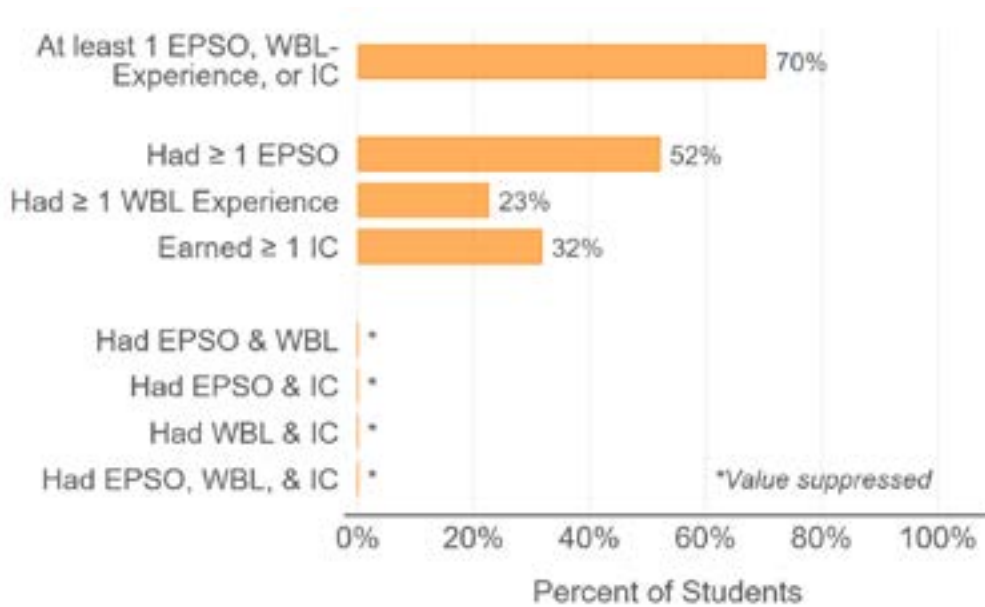


	Total Experiences	Per Student (out of 1,930 Level III+ students)
EPSO Participation	7,002	3.63
Work-Based Learning (WBL) Courses	1,105	0.57
Industry Credentials – Tier 1 (Recognized)	600	0.31
Industry Credentials – Tier 2 (Valued)	103	0.05
Industry Credentials – Tier 3 (Preferred)	133	0.07

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

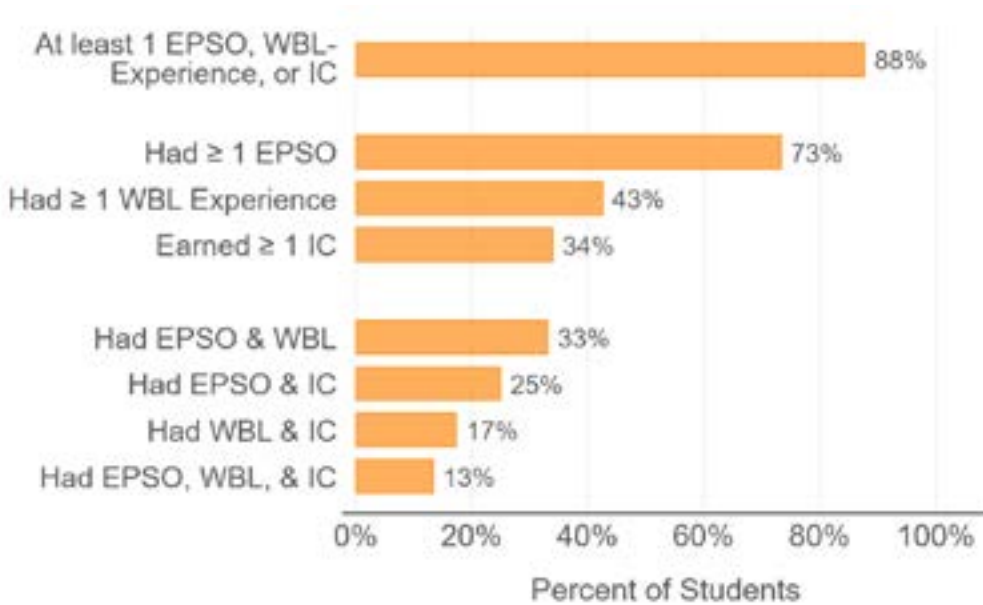
BioSTEM: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 44 Level III+ students)
EPSO Participation	107	2.43
Work-Based Learning (WBL) Courses	12	0.27
Industry Credentials – Tier 1 (Recognized)	11	0.25
Industry Credentials – Tier 2 (Valued)	*	*
Industry Credentials – Tier 3 (Preferred)	*	*

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Engineering: Early Postsecondary & Workforce Experiences

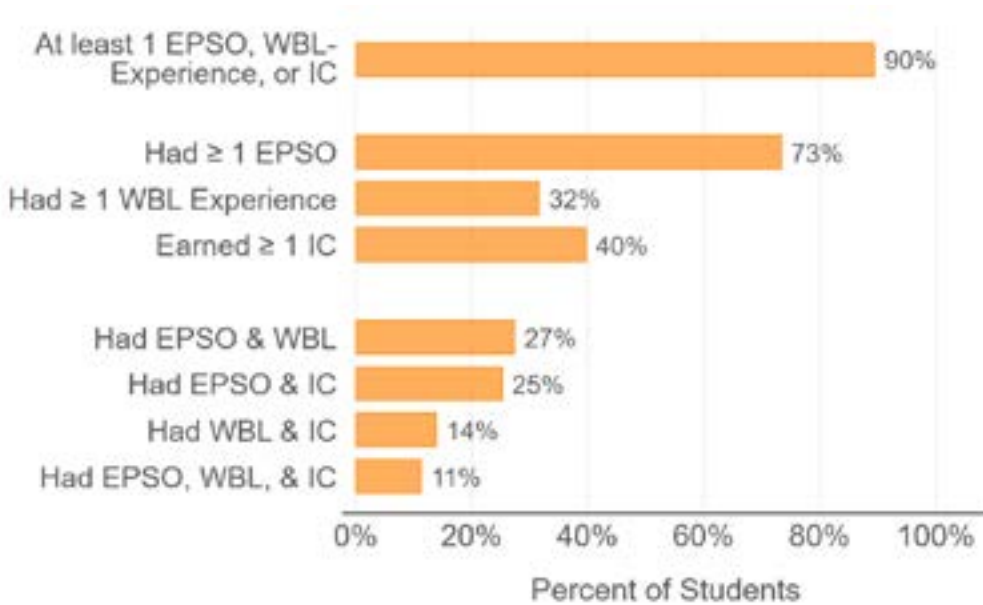


	Total Experiences	Per Student (out of 1,359 Level III+ students)
EPSO Participation	4,660	3.43
Work-Based Learning (WBL) Courses	703	0.52
Industry Credentials – Tier 1 (Recognized)	332	0.24
Industry Credentials – Tier 2 (Valued)	118	0.09
Industry Credentials – Tier 3 (Preferred)	195	0.14

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

Technology: Early Postsecondary & Workforce Experiences



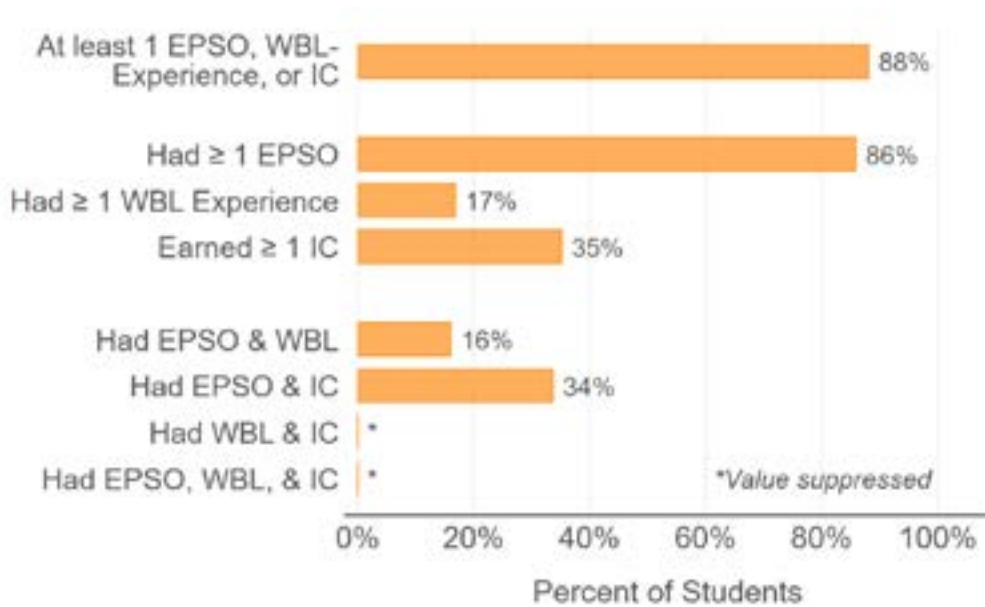
	Total Experiences	Per Student (out of 615 Level III+ students)
EPSO Participation	2,275	3.70
Work-Based Learning (WBL) Courses	246	0.40
Industry Credentials – Tier 1 (Recognized)	116	0.19
Industry Credentials – Tier 2 (Valued)	139	0.23
Industry Credentials – Tier 3 (Preferred)	76	0.12

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Program Profiles

- Transportation Programs:
 - [Automotive Collision Repair](#)
 - [Automotive Maintenance and Light Repair](#)
 - [Aviation Flight](#)

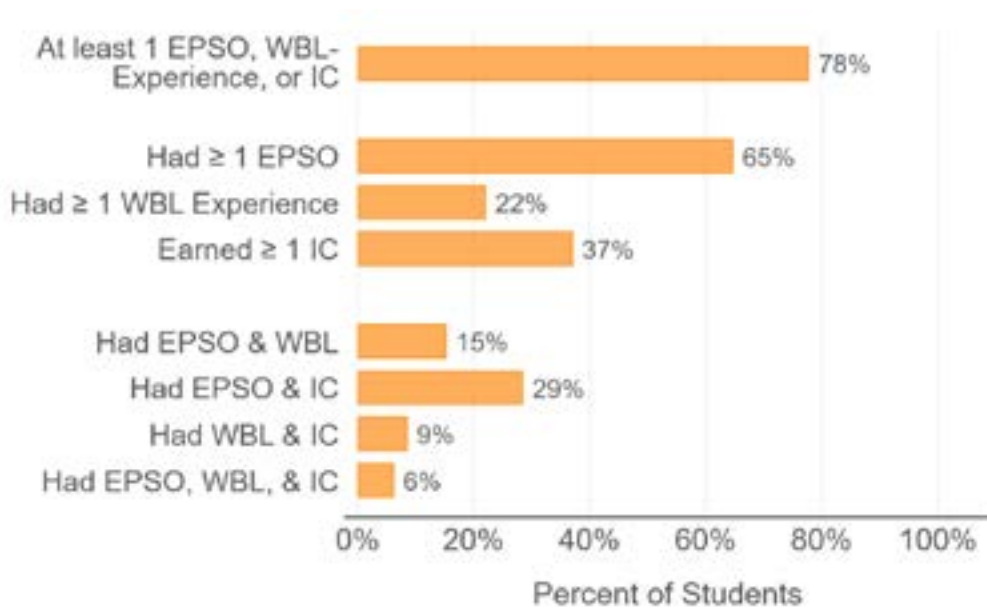
Automotive Collision Repair: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 136 Level III+ students)
EPSO Participation	261	1.92
Work-Based Learning (WBL) Courses	26	0.19
Industry Credentials – Tier 1 (Recognized)	28	0.21
Industry Credentials – Tier 2 (Valued)	38	0.28
Industry Credentials – Tier 3 (Preferred)	*	*

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Automotive Maintenance and Light Repair: Early Postsecondary & Workforce Experiences

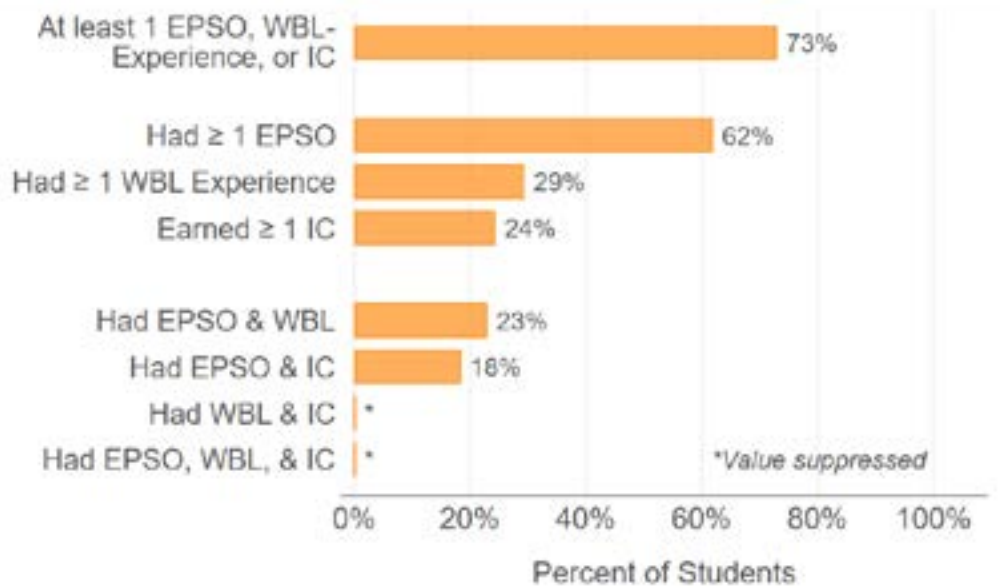


	Total Experiences	Per Student (out of 2,719 Level III+ students)
EPSO Participation	3,977	1.46
Work-Based Learning (WBL) Courses	733	0.27
Industry Credentials – Tier 1 (Recognized)	589	0.22
Industry Credentials – Tier 2 (Valued)	96	0.04
Industry Credentials – Tier 3 (Preferred)	744	0.27

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences.

* Value suppressed.

Aviation Flight: Early Postsecondary & Workforce Experiences



	Total Experiences	Per Student (out of 218 Level III+ students)
EPSO Participation	495	2.27
Work-Based Learning (WBL) Courses	73	0.33
Industry Credentials – Tier 1 (Recognized)	21	0.10
Industry Credentials – Tier 2 (Valued)	*	*
Industry Credentials – Tier 3 (Preferred)	48	0.22

The table and figure summarize EPSO (DE, DC, and college-level exams), WBL, and IC experiences for Level III and Level IV students in the 2021-2022 and 2022-2023 12th grade cohorts. Data are not comprehensively available to determine earned college credit from EPSO experiences. * Value suppressed.

Acknowledgements

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