

Adult Education & English Language Learning Dashboard

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About

The Adult Education & English Language Learning (AE/ELL) Dashboard offers a comprehensive view of students enrolled in courses in the WTCS 7X aid codes (73–78). It includes both students who receive support through the Adult Education and Family Literacy Act (AEFLA) and those who do not. This tool enables users to:

- Understand the reach and accessibility of adult education programs across the state.
- Explore student demographics in AE/ELL courses.
- Evaluate course success rates, including outcomes in AE/ELL and subsequent postsecondary enrollments.
- Analyze student transitions from AE/ELL courses in the fall to postsecondary courses in the spring.

This dashboard is designed to support data-informed decision-making and strategic planning for adult education programs.

Prevalence By College

The *Prevalence by College* page displays data on students enrolled in AE/ELL courses, identified by aid codes 73–78. Using the **Display Value slicer**, users can view:

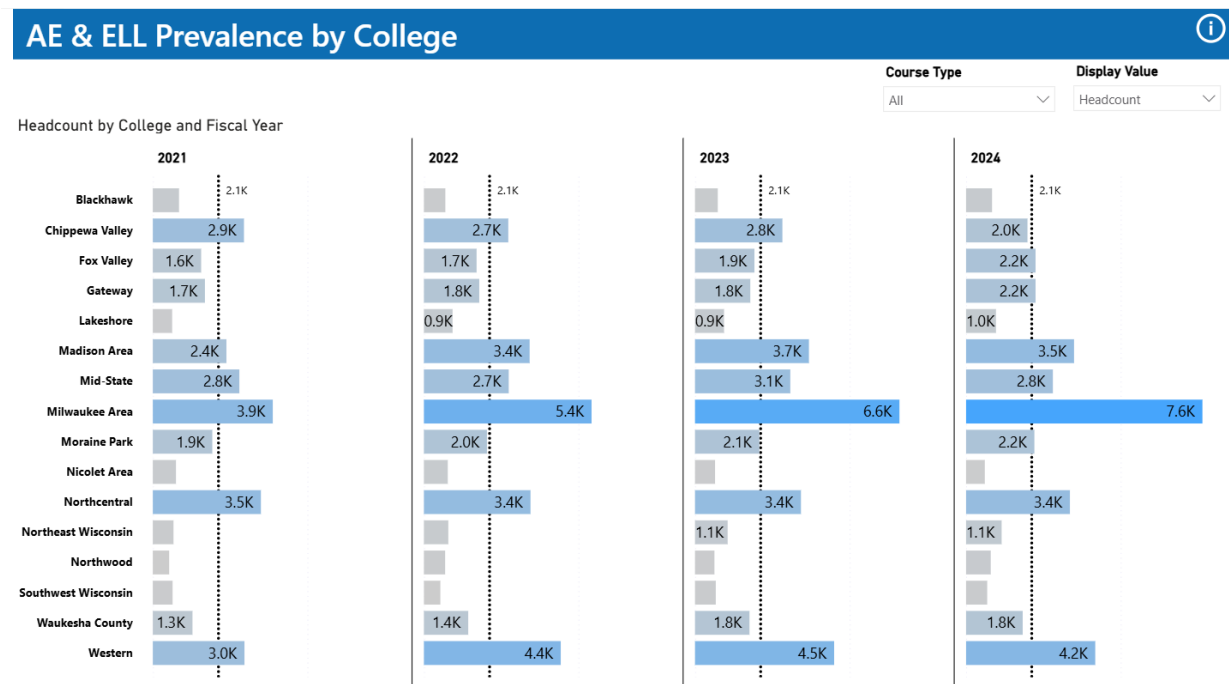
- **Student headcount**
- **Total course enrollments**
- **Total credits enrolled**

This information is organized by Wisconsin Technical College and fiscal year(s) selected. A dashed black line indicates the **average value across all colleges and years**, providing a benchmark for comparison.

Users can customize the data view using the **Course Type slicer**, and filter results to show either:

- **All AE/ELL** courses, or
- Only courses focused on **citizenship preparation**, or
- Only courses focused on **GED/HSED readiness**

This page helps users understand how adult education is distributed across institutions and supports strategic planning and resource allocation.



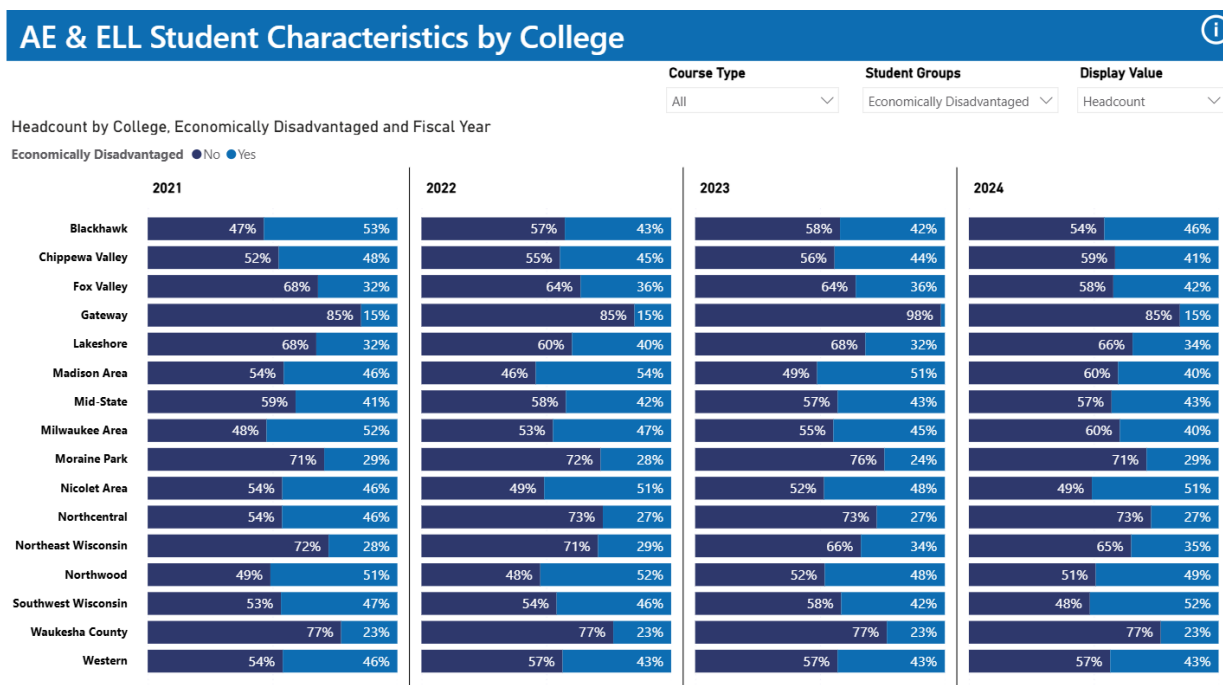
Student Characteristics by College

The *Student Characteristics by College* page provides a demographic breakdown of students enrolled in AE/ELL courses (aid codes 73–78), filtered by selected college(s) and fiscal year(s). Users can customize the data view using the following slicers:

- **Display Value:** Toggle between student headcount, course enrollments, or total enrolled credits.
- **Course Type:** Focus on all AE/ELL courses or narrow the view to only citizenship preparation or GED/HSED courses.
- **Student Groups:** Select the type of demographic data to display (e.g., race/ethnicity, age, economic status).

Each horizontal bar chart represents **100% of the AE/ELL student population** for the selected criteria. The colored segments within each bar show the proportion of students in each subgroup. For example, when viewing the *Economically Disadvantaged* group, the light blue segment represents students who are economically disadvantaged, while the dark blue segment represents those who are not.

This page helps users understand who is being served in AE/ELL programs and identify access gaps or areas for targeted support.



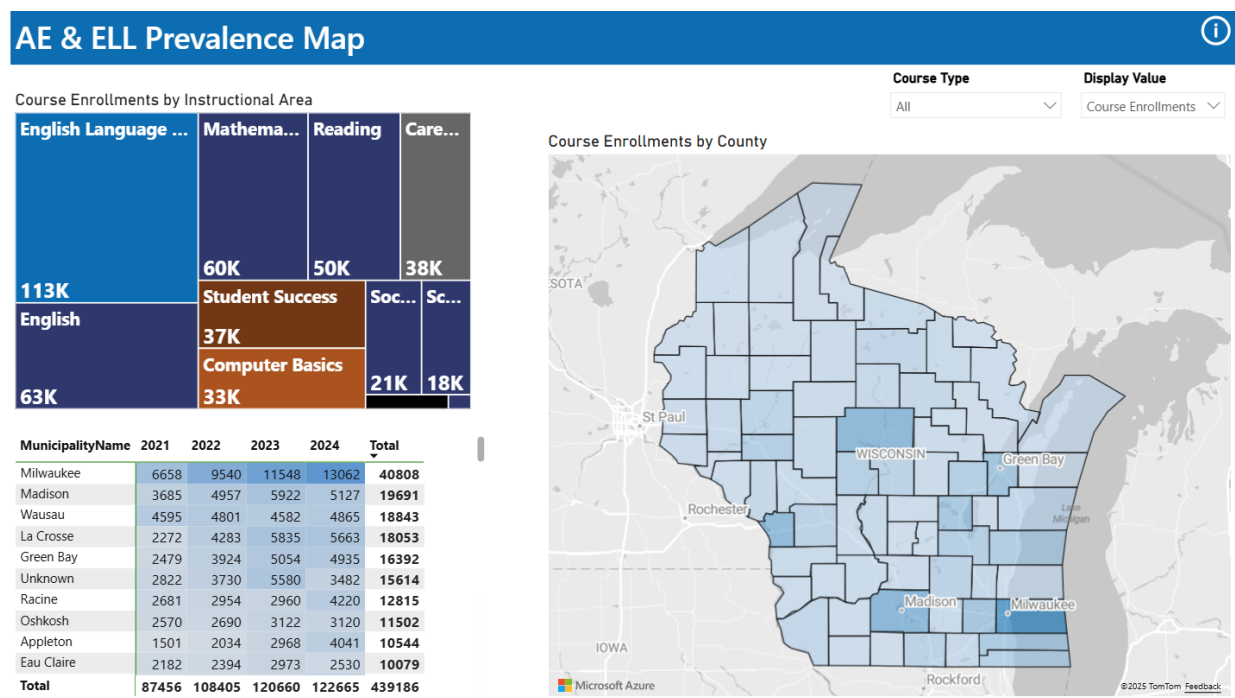
Prevalence Map

The *Prevalence Map* page provides a statewide overview of students enrolled in AE/ELL courses (aid codes 73–78), based on their **reported county of residence**. On the map of Wisconsin, **darker blue counties** indicate a **higher number of AE/ELL students** (or course enrollments or credits).

In addition to the map, the page includes:

- A **treemap** that displays the selected **Display Value** (headcount, course enrollment, or credits) by **instructional area** for AE/ELL students.
- A **table** showing the selected **Display Value** (headcount, course enrollment, or credits) by **municipality and fiscal year**.

All visuals on the page are **interactive**, selecting a data point in one visual will automatically **cross-filter** the others, allowing users to explore relationships and patterns across geographic and instructional dimensions.



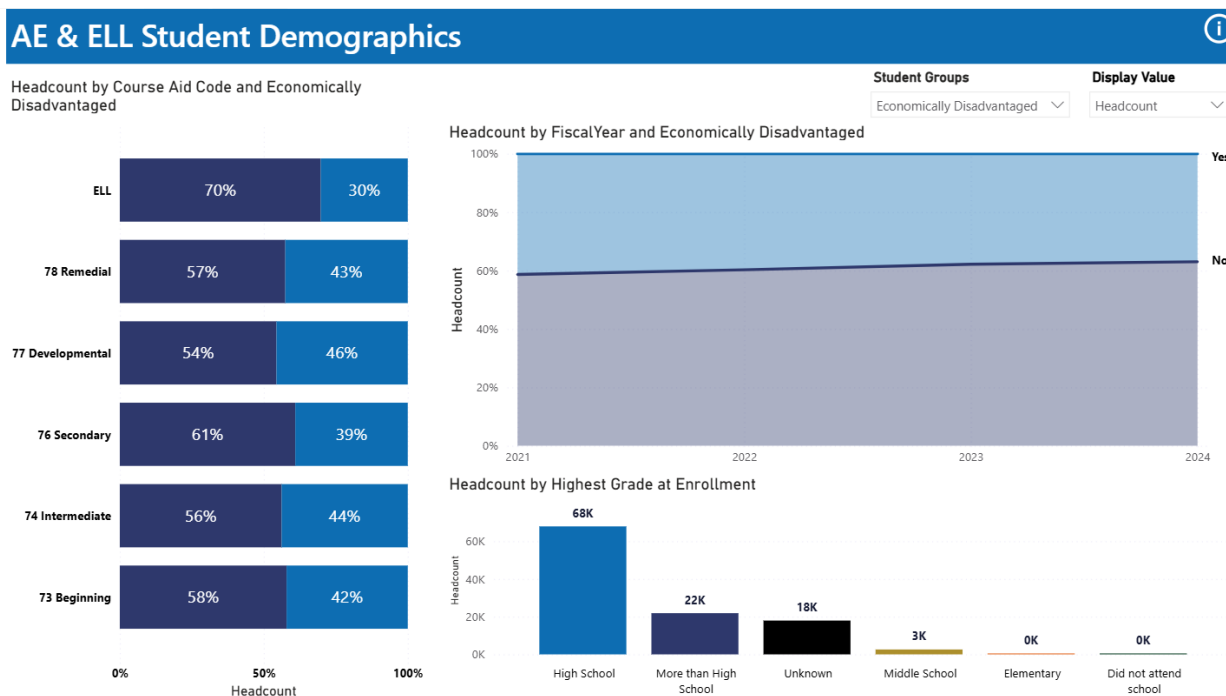
Demographics

The *Demographics* page displays detailed information about AE/ELL students based on the selected demographic category from the **Student Groups** slicer. Users can choose to view data by student headcount, course enrollments or credits enrolled, using the **Display Value** slicer.

This page includes three interactive visuals:

1. **Bar Chart by Aid Code:** Shows the breakdown of the selected demographic across AE/ELL aid codes.
2. **Line Chart by Fiscal Year:** Displays trends over time for the selected demographic and its subgroups.
3. **Bar Chart of Highest Grade Completed:** Illustrates the highest level of education completed by AE/ELL students at the time of enrollment.

All visuals are **interactive**, selecting a data point in one chart will automatically **cross-filter** the others, allowing users to explore relationships and patterns across aid codes, time, and educational background.



AE ELL Course Enrollment

The *AE/ELL Course Enrollment* page displays enrollment data for AE/ELL courses (aid codes 73–78), organized by **individual course** and **location of instruction**. Users can explore:

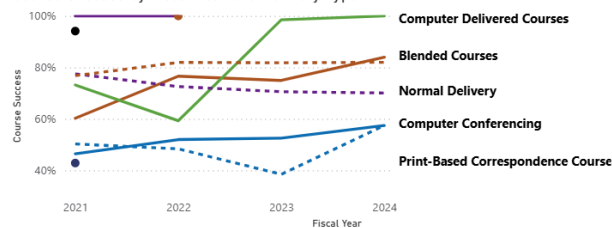
- **Enrollment counts** by course and site
- **Course success rates** by delivery method and selected student subgroups
- Data filtered by fiscal year(s) and course type (all AE/ELL, citizenship preparation, or GED/HSED), using the *Course Type* slicer

For colleges that report only “completed adult education” courses in client reporting, **course success will appear as 100%**.

All visuals on this page are **interactive**, selecting a data point in one chart will automatically **cross-filter** the others. For example, selecting a specific course allows users to see how its success rate varies across student subgroups and delivery types.

AE & ELL Course Enrollment & Completion

Course Success by Fiscal Year and Delivery Type



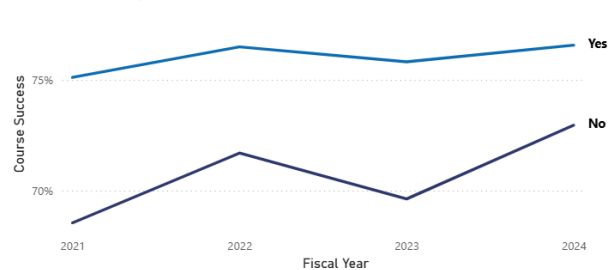
Student Groups

Economically Disadvantaged

Course Type

All

Course Success by Fiscal Year and Work Status at Enrollment



Course	2021	2022	2023	2024	Total
78-858-770 Reading Support Supplemental	1287	1970	2569	2111	
77-860-704 New Student Orientation	1982	1724	1761	1708	
78-851-770 English Support Supplemental	738	1834	1945	1613	
76-858-775 Start Smart for College Success	1298	1727	1358	247	
77-890-705 Path to New Student Success	1831	1509	1070		
75-861-711 Beginning Esl Literacy	461	874	1282	1574	
76-860-750 Computer Basics	368	1804	923	1020	
74-851-731 Basic Communications 3	691	924	1279	1194	
75-861-700 Esl Workshop	676	869	1127	1113	
Total	87255	107970	119649	121914	43

Course Location	2021	2022	2023	2024	Total
WTC La Crosse	7504	15584	15018	13541	516
MADI Matc Madison	7099	8982	10255	8881	352
FVTC Appleton	3720	4635	5916	7452	217
Eau Claire – Clairemont Business Education Campus	4934	5223	6114	4871	211
NTC Central Tech (Wausau)	5048	5119	5280	5202	206
WCTC Pewaukee Campus	4113	4716	5303	5932	200
MILW Downtown (Milwaukee)	3865	4675	3823	4640	170
NWTC Green Bay	1921	4262	5171	5140	164
Online	1599	2619	5453	4910	145
NTC Wausau Off Campus	3712	2612	1948	1511	97
NATC Rhinelander	2555	2597	1998	1637	87
GTC WEB	1797	1639	1958	3323	87
Fond du Lac MPTC Campus	1569	2077	2231	2688	85
Total	87255	107970	119649	121914	4367

Postsecondary Course Enrollment

The *Postsecondary Course Enrollment* page displays the **course success rates** for FTE-generating postsecondary courses (aid codes 10, 20, 30, 31, 32, and 50), comparing students who are also enrolled in AE or ELL courses to those who were not.

Data is organized by:

- **Type of postsecondary course:**
 - AA/AS Associate Degree
 - Applied Associate Degree
 - Apprenticeship
 - One-Year Technical Diploma
 - Two-Year Technical Diploma
 - Short-Term Technical Diploma
- **Instructional area** (e.g., Social Science, Nursing, Accounting)

Course success is defined as the **percentage of course enrollments** that result in a grade equal to or above the selected Course Grade Point, which can be adjusted using the **Course Grade Point** slider.

Users can filter the data by **Student Population**, focusing on AE Enrollees (aid codes 73, 74, 76, 77, 78) or ELL Enrollees (75).

The **matrix visualization** allows users to drill down into specific courses within each instructional area by clicking the plus sign next to the category. In the matrix:

- **“True”** indicates students who were AE or ELL enrollees
- **“False”** indicates students who were not

In the screenshot example, the matrix shows 33,983 Social Science course enrollments for non-AE/ELL students with a 65% success rate (2.0 GPA or higher), and 3,716 enrollments for AE/ELL students with a 60% success rate, users can compare performance across populations. The matrix aggregates the data across all selected fiscal year(s).

Note: This page is **computationally intensive**. To ensure data loads properly, users should select **only one fiscal year** or **a limited number of colleges** at a time.

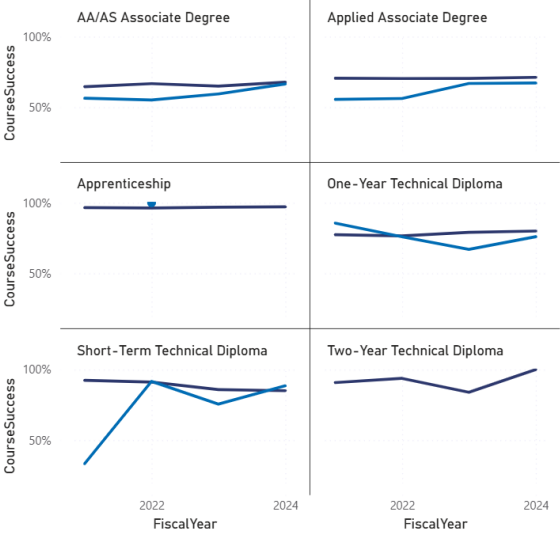
Postsecondary Course Enrollment & Completion

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For the data to display, you have to filter so that just one or a few colleges or years are selected. Otherwise, a data fetching error will display.

Postsecondary Course Success by Student Population

AE Enrollee ● False ● True



Student Population

- ☒ AE Enrollee
- ☐ ELL Enrollee

Course Grade Point

2.00

AE Enrollee Course Instructional Area	False		True		Total CourseSuccess
	Course Success	Course Enrollments	Course Success	Course Enrollments	
☐ Social Science	65%	33983	60%	3716	64%
☐ Natural Science	66%	26542	51%	2495	64%
☐ Communication Skills	62%	19733	62%	3836	62%
☐ Business Administration	63%	12983	62%	694	63%
☐ Mathematics	65%	10966	63%	1145	65%
☐ Nursing	84%	11214	80%	133	84%
☐ Early Childhood Education	73%	8022	69%	377	73%
☐ Barbering/Cosmetology	84%	7891	83%	70	84%
☐ Accounting	61%	7188	51%	186	61%
☐ Foundations for Healthcare Careers	57%	5664	49%	1039	56%
☐ Electricity	89%	6573	64%	44	88%
☐ Criminal Justice	85%	5717	69%	202	85%
☐ IT - Networking & System Administration	67%	4655	81%	679	69%
☐ Telecasting	77%	4873	61%	281	76%
☐ Graphic Arts	61%	4856	65%	243	61%
☐ Speech	59%	4471	51%	524	58%
☐ Marketing & Merchandising Mgmt	69%	4371	76%	425	70%
☐ Sheet Metal	98%	4751			98%
☐ Emergency Medical Service	92%	4675	75%		92%
☐ Human Services	67%	3917	53%	132	67%
☐ History	55%	3722	44%	183	54%
☐ Dental	90%	3562	84%	225	90%
Total	72%	289464	63%	21184	71%

Transition to Postsecondary

The *Transition to Postsecondary* page displays the **percentage of AE/ELL students** enrolled in the **fall semester** who were **not yet taking postsecondary courses**, but who then **enrolled in at least one FTE-generating postsecondary course** (aid codes 10, 20, 30, 31, 32, or 50) in the **following spring semester**. These students may still be enrolled in AE/ELL courses during the spring term, but they must have at least one qualifying postsecondary course to be counted as having transitioned.

Data is organized by:

- **Wisconsin Technical College**
- **Selected fiscal year(s)**

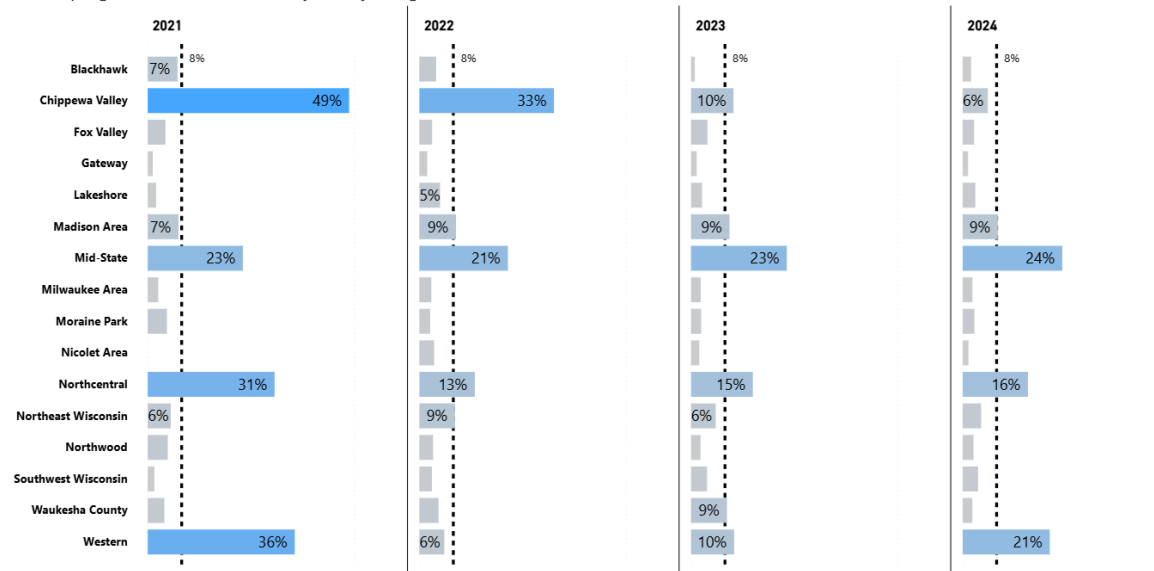
A **dashed black line** on the visual indicates the **average transition rate** across all colleges and years, serving as a benchmark for comparison.

Note: Due to updated guidance on what qualifies as an AE/ELL course, **historical transition rates may appear inflated**. Users should interpret trends with this context in mind.

AE & ELL Transition to Postsecondary by College



Fall to Spring Transition to Postsecondary Rate by College and Fiscal Year

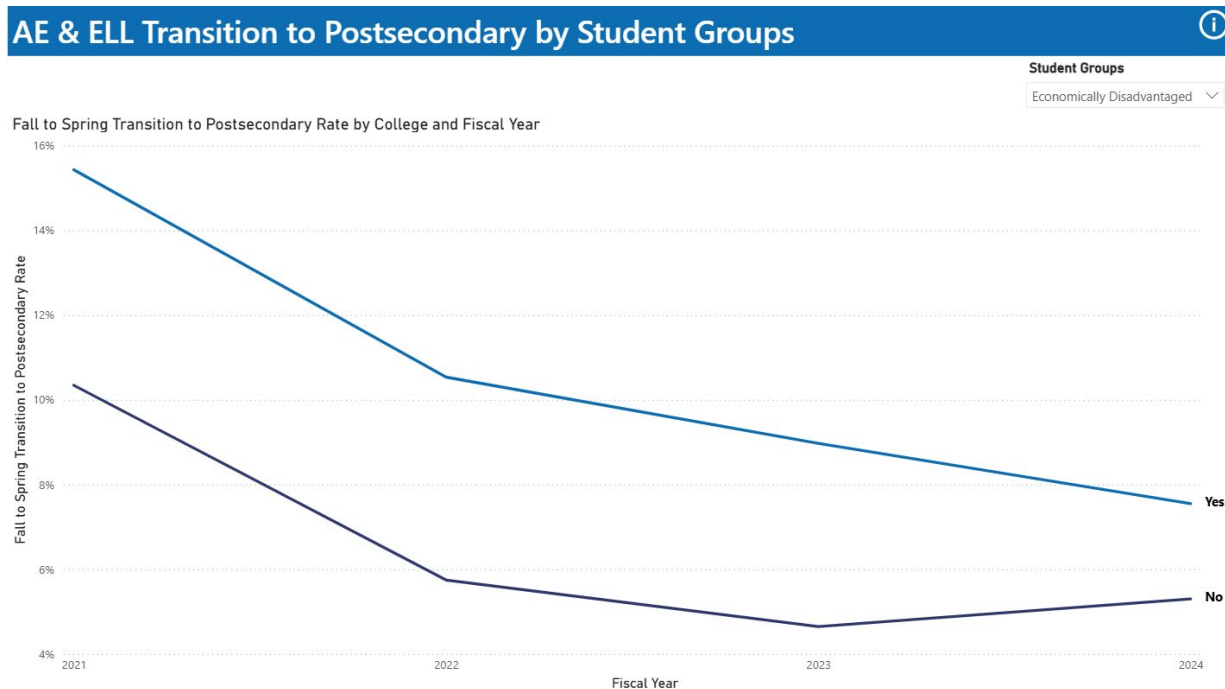


Transition to Postsecondary by Student Groups

The *Transition to Postsecondary by Student Groups* page displays **trends in transition rates** over the selected fiscal year(s), broken down by the chosen **Student Group** using the slicer. Each subgroup is represented by a **distinct color-coded line** in the line chart, allowing users to assess variation in transition rates and identify potential equity or access barriers.

The transition rate reflects the **percentage of AE/ELL students enrolled in the fall semester** who were **not yet taking postsecondary courses**, but who then **enrolled in at least one FTE-generating postsecondary course** (aid codes 10, 20, 30, 31, 32, or 50) in the **following spring semester**. These students may still be enrolled in AE/ELL courses during the spring term, but they must have at least one qualifying postsecondary course to be counted as having transitioned.

This page supports equity-focused analysis by highlighting differences in transition outcomes across student populations.



Data Definitions

Student Characteristics

AE Enrollee: A student who in the fiscal year is enrolled in adult education courses (aid codes 73, 74, 76, 77 or 78).

ELL Enrollee: A student who in the fiscal year is enrolled in English Language Learning courses (aid code 75).

Disclosed Disability: students who have either self-identified that they have a disability or are accessing accommodations for their disability.

Economically Disadvantaged: Students who are Pell-eligible or live in a household that struggles to pay for one or more basic needs (e.g., food, housing, childcare).

Justice-Involved: Students who are connected to the criminal justice system, e.g., in a prison, jail, detention center, community corrections.

Single Parent: Students who are unmarried or legally separated and have custody or joint custody of one or more minor children or who are pregnant.

Veteran Status: Students who are veterans who are either self-reported veterans or students who are receiving veteran benefits (e.g., Post 911 veteran benefit program)

Course Characteristics

Course Type

- **All:** all AE or ELL courses (aid codes 73, 74, 75, 76, 77, or 78)
- **Citizenship:** courses that have citizenship, civics test, civics exam within the course title
- **GED/HSED:** courses that have GED, HSED or 5.09 within the course title

Aid Codes

- **73 Beginning Adult Education:** This aid code applies to Adult Education courses that cover competencies in grade levels 0 – 5.9. and is used with instructional areas 850 - 860, 862, and 890. Aid Code 73 includes courses only.
- **74 Intermediate Adult Education:** This aid code applies to Adult Education courses that cover competencies in grade levels 6 – 8.9 and is used with instructional areas 850 - 860, 862, and 890. Aid Code 73 includes courses only.
- **75 English Language Learning:** This aid code is used with area 861, applies to Adult Education courses in communicating in English for learners whose native or dominant language is not English. Aid Code 75 includes courses only.
- **76 Secondary Adult Education:** This aid code applies to Adult Education courses that cover competencies in grade levels 9.0 – 12.9 and is used with instructional areas 850 - 860, 862, and 890. Used with occupational instructional areas, applies to occupational courses taught to

school-age youth seeking to complete high school diploma or HSED/GED requirements. Aid Code 76 includes courses only.

- **77 Developmental:** This aid code applies to instruction in secondary-school level academic subjects for individuals who need to strengthen foundational competencies to be admitted into a postsecondary program. Used with instructional areas 850 – 860. Aid Code 77 includes courses only.
- **78 Remedial:** This aid code applies to instruction in secondary-school level academic subjects for postsecondary program students. Used with instructional areas 850 – 860. Aid Code 78 includes courses only.

Course Delivery Type

- **Normal Delivery:** Face-to-face instruction
- **Blended Courses:** Courses that combine online and face-to-face instruction (not including any one-time face-to-face orientation or offline testing/evaluation). Less than 50% of course instruction is delivered via online using the Internet (accessed by the student using a Web browser), combined with face-to-face instruction.
- **Print-Based Correspondence Courses:** Course sections delivered via print-based correspondence regardless of whether they are district based or offered through the WTCS / UW Extension Independent Study
- **Computer Conferencing:** These Course sections involve the use of computers for audio, video and/or graphics real-time synchronous instruction. This includes NetMeeting and compressed video and similar evolving technologies.
- **Computer Delivered Courses:** Courses delivered via computer whether stand-alone or via telecommunications. This does NOT include online courses reported under code 04-Online Courses. Computer Delivered Courses include courses which involve interactive videodiscs, CD-ROM, or similar materials used in multimedia learning situations regardless of whether the learning station is on campus or at remote locations such as an employer's worksite. Key elements of this category are that the instruction is asynchronous and involves computer or multimedia instruction, which may be accessed remotely or in a campus learning lab.
- **Online Courses:** Online courses are defined as 100% of the instruction delivered via the Internet and accessed by the student using a Web browser. A one-time face-to-face course orientation or off-line supervised tests/exams at specified sites may be conducted in conjunction with these courses.
- **Hybrid Courses:** Courses that combine online and face-to-face instruction (not including any one-time face-to-face orientation or offline testing/evaluation). At least 50% but less than 100% of course instruction is delivered via online using the Internet (accessed by the student using a Web browser), combined with face-to-face instruction.
- **Competency-Based Education:** An outcomes-based approach to earning a college credential which organizes academic content around competencies and measures academic progress as the attainment or mastery of competencies. CBE is an academic model in which the time it takes

to demonstrate competencies varies and the expectations about learning are held constant. Learners demonstrate mastery through multiple forms of assessment, often at a personalized pace.

- **Interactive Television:** Courses which involve real-time live video / audio instruction via network or broadcast technology where classes include students at one or more remote sites and interaction between the instructor and students is synchronous. The ITV class may be composed of students at the same site as the instructor and students at one or more remote sites. The video signals may be one-way or two-way; audio interaction is two-way.
- **Satellite Video Conference:** These Course sections have satellite video conferences as their main instructional content. Depending on the course content and/or the needs of the audience, there may be a local program and/or facilitator complementing the satellite program.
- **Emergence Remote Instruction:** This delivery code should be used only for courses that changed delivery method unexpectedly due to emergency circumstances (COVID-19).

Metrics

Metric	Definition	Notes
Course Enrollment	The count of course enrollments in WTCS adult education and English language learning courses	Course aid codes: 73, 74, 75, 76, 77, 78
Course Enrolled Credits	Sum of course credits for enrollments in WTCS adult education and English Language courses	Course aid codes: 73, 74, 75, 76, 77, 78
Headcount	Unduplicated count of students enrolled in WTCS adult education and English Language Learning courses	Course aid codes: 73, 74, 75, 76, 77, 78
AE & ELL Course Success	<i>Percent of AE & ELL course enrollments that are successfully completed.</i> Numerator: Of those in the denominator, course enrollments that result in a 'completed basic education course' or 'pass' status. Denominator: Count of course enrollments in AE or ELL with course completion statuses of 'continuing adult course', 'completed adult course', 'pass', 'fail', 'withdraw' and 'incomplete'.	Course aid codes: 73, 74, 75, 76, 77, 78
Postsecondary Course Success	<i>Percent of postsecondary course enrollments that are successfully completed with a grade point at or above the selected threshold.</i> Numerator: Of those in the denominator, course enrollments that result in a grade point that is at or above the selected threshold (2.0, 2.5, 3.0, or 3.5) Denominator: Count of FTE-generating course enrollments in postsecondary courses with a completion status of pass, fail, incomplete or withdraw.	Course aid codes: 10, 20, 30, 31, 32 or 50. For pass/fail courses, a pass is converted to a grade point of 2.0.

Metric	Definition	Notes
Transition to Postsecondary	<i>Percent of students who are enrolled in the fall semester in AE or ELL courses, but not postsecondary courses who then are enrolled in the spring semester and in postsecondary courses.</i> Numerator: Of those in the denominator, students who are enrolled in postsecondary courses in the following spring term. Denominator: Students who are enrolled in AE or ELL courses in the fall term who are not also enrolled in postsecondary courses	Fall semester course aid codes: 73, 74, 75, 76, 77, 78 Spring semester course aid codes must include any of the following: 10, 20, 30, 31, 32 or 50