

THECB Secure Dashboards

Agenda



- Overview
- Intro to Secure Dashboards
- Persistence and Graduation
- Exercises
- Other Dashboards
- Feedback

Overview

Data Management & Research (DMR) is responsible for THECB's **entire data pipeline** from collection through data provisioning and facilitating **data sharing agreements** with other entities such as TEA and TWC.

The division's teams provide **data and research** aimed at informing **policy and practice** to a wide range of constituents, and they ensure that the data pipeline is structured to **meet agency goals and stakeholder needs**.

THECB Data Pipeline Overview

THECB guides institutions on what, how, and when data must be collected and reported

COMMUNICATE DATA COLLECTION STANDARDS

1

Educational Data Center (EDC) receives, cleans then certifies the data

DATA CLEANING & CERTIFICATION

2

3

4

INSTITUTIONS REPORT DATA

Institutions report data to THECB at multiple points throughout the year

DATA REPORTING & PROVISIONING

DMR staff analyze and report on certified data to various stakeholders through multiple means:

- Legislative reports;
- Ad hoc data requests from THECB staff, higher ed institutions, the public, and others;
- Annual reports and data collections (e.g., online Accountability system, Almanac); and more

Data  Insights

Data Management & Research

- Our team turns data into insights
 - Data collected from Institutions from Application to Graduation
 - Data sharing agreements with other entities including TEA and TWC to enhance research efforts
 - ~ 800 project requests each year
 - 25% from Institutions of Higher Education

Existing Resources

- Public Data Site
 - <https://databridge.highered.texas.gov/>
- Report Center
 - <https://reportcenter.highered.texas.gov/reports/data/>
- Accountability
 - <http://www.txhigheredaccountability.org/AcctPublic/>
- THED
 - <http://www.txhighereddata.org/>
- Email us:
 - DataSupport@highered.texas.gov
- Meet with us:
 - [Schedule time with us to discuss data projects and services](#)

Data Modernization Initiative: The Why

PRIOR TO THE DATA MODERNIZATION INITIATIVE

User experience was not intuitive and self-service capabilities were limited.

Data was high-level, lacking insights and visualization capabilities.

The ability to compare data across institutions was limited.



New, intuitive website and secure data portal with in-depth, self-serve dashboards



Detailed, tailored metrics and insights supported by interactive PowerBI visuals



Access to peer data for comparison across institutions

Data Modernization Initiative

The goal of the Data Modernization Initiative (DMI) is to equip internal and external stakeholders with **actionable insight and data** to improve decision making capabilities. To meet this goal, THECB staff is creating a one-stop-shop where all data offerings will reside, simplifying data access.



DATABRIDGE

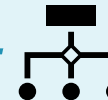
The new Public Data Site features embedded **PowerBI dashboards** to give insights via **explanatory and exploratory reports**. The website will also serve as the access point for a **Secure Data Portal** where privileged users can access specially-curated datasets and dashboards.



SECURE DATA PORTAL

The Secure Data Portal provides internal and external stakeholders access to more robust data through **Secure Dashboards**.

The dashboards **protect the privacy of data** while also providing deeper insights to **improve decision-making capabilities** for each agency or institution.



SECURE DASHBOARDS

The Secure Dashboards provide each data topic with its own set of dashboards tailored to three user perspectives: **Persistence & Graduation, Transfers, and Labor Market Outcomes**.

Within each dashboard, there are many pages with detailed metrics and tailored insights.

Vision



SECURE DASHBOARDS

Empower a diverse user base with self-service analytics tools to access metrics without high-level aggregations, enabling informed actions in focused areas that will drive improved outcomes throughout a student's education and career

Secure Dashboards

The Secure Dashboards provide each data topic with its own set of dashboards tailored to three user perspectives: Persistence & Graduation, Transfers, and Labor Market Outcomes.

PERSISTENCE & GRADUATION

The Persistence and Graduation dashboard illustrates institution-specific metrics for **persistence rates, graduation rates, time to degree, and degrees awarded** with the ability to filter by program, demographics, and academic indicators. Users also have the ability to compare results with peer institutions.

These metrics allow users to analyze specific persistence or graduation scenarios or trends over time.

LABOR MARKET OUTCOMES

The Labor Market Outcomes dashboard illustrates metrics pertaining to **student success in the labor market** with the ability to filter by program, demographics, and academic indicators. Users also have the ability to compare results with peer institutions.

These metrics allow users to analyze debt upon graduation, first and fifth year wages, median wage by degree level, industries that students go into, and more!

TRANSFERS IN/OUT

The Transfers dashboard illustrates institution-specific metrics for student **transfers in/out of programs at the system or institution level** with the ability to filter by program, demographics, and academic indicators. Users also have the ability to compare results with peer institutions.

These metrics allow users to analyze transfer patterns, hours spent in a program before transferring, GPA before transferring, and more!

Dashboard Advisory Council



16 members of Institutional Research professionals from different institutions, spanning many peer groups



Team meets quarterly to provide feedback and ongoing insight into our current and future dashboard offerings



Inform dashboard governance structures



Discuss institutional needs

Dashboard Access Governance

- Process:

1. Access is requested
2. Request is sent to Institutional Reporting Official
3. When Approved:
 1. Orientation Session is set up
 2. Access is Granted
4. 84 Institutions, 286 Researchers

Secure Data Portal

The Secure Data Portal allows users to request access to institution-specific datasets and dashboards, including metrics for Persistence & Graduation, Transfers, and Labor Market Outcomes.

The screenshot shows the homepage of the Texas Higher Ed Data Secure Data Portal. The background is a dark teal color. In the top left corner, the logo for THECB Texas Higher Ed Data is displayed. In the top right corner, there is a navigation menu with the following items: REQUEST DATA, MY REQUESTS, HELP, and MY ACCOUNT with a dropdown arrow. The main content area features a large title 'Texas Higher Ed Secure Data Portal' in white and light blue text, with a yellow vertical bar to the left of the title. Below the title, there is a sub-headline: 'To get access to tailored metrics on transfer students, graduation, and persistence rates, start by requesting data from the THECB.' A prominent red button with the text 'Request data' is positioned below the sub-headline. On the right side of the page, there is a vertical sequence of seven small, overlapping images showing students in a classroom setting, with thin white lines connecting them to a central point. The overall design is clean and professional.

THECB
Texas
Higher Ed
Data

REQUEST DATA MY REQUESTS HELP MY ACCOUNT ▾

Texas Higher Ed Secure Data Portal

To get access to tailored metrics on transfer students, graduation, and persistence rates, start by requesting data from the THECB.

Request data

Secure Dashboards

Each Dashboard contains institution-specific data collected by the Texas Higher Education Coordinating Board. On the main page of each dashboard, you will find a summary, customization options, and the pages available – including a summary, tailored reports, and dashboard information.

Home / Dashboards / Labor Market Outcomes

Summary

Debt By...

Debt By Program

Debt To Wage Rat...

Debt/Wage 1 Year...

Debt To Wage Rat...

Debt To Wage Rat...

Wage 1 Year...

Wage 1 Year...

Wage 1 Year...

Wage 1Year/5Year...

Dashboard Information

Overview

This dashboard will display tailored metrics and insights for each perspective pertaining to student success in the labor market, such as: median wage by degree level, program, demographics, and industry, as well as debt at graduation.

Sharing Restrictions

Do not save, download, or print information found on this dashboard.

Data Sources

CBM001, CBM009, CBM00S, FADS, TWC UI Wage. Years Available - 2015 Onwards, Last Updated - 8/10/2023 4:05:48 PM

Assumptions

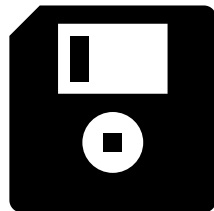
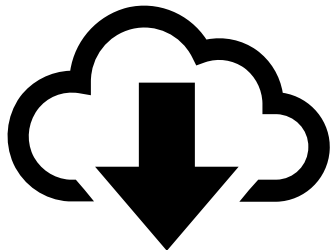
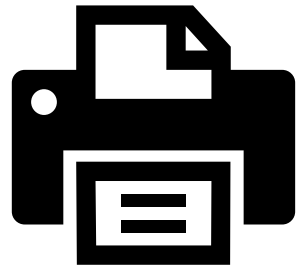
Data in this dashboard reflects information provided to THECB directly from institutions. Therefore, this dashboard only includes students who have graduated from Texas institutions and continue to work in Texas after graduation. The cohort includes both part-time and full-time students who attended Public Universities, Community and Technical Colleges, and Health Related Institutions. Award levels included in

Dashboard information may not be downloaded, printed, or saved.

Dashboards

Maintain Dashboard Data Security

Maintaining the security and privacy of the data found within the Secure Data Portal and Dashboards is of the utmost importance. Do NOT print, screenshot, download, or save the data in the dashboard.



Due to the inclusion of Personally Identifiable Information (PII) in the dashboards, every individual must **create an account and request access** to the secure dashboard to view the data.

Secure Dashboards

- Secure Portal
 - <https://securedata.highered.texas.gov/>
- How to Sign Up
 - https://youtu.be/qOVVJD_xc-Q
- How to Log In
 - <https://youtu.be/mbCN8N7SQow>
- How to Request Access to Dashboards
 - <https://youtu.be/Y5MaegDBEol>

**Persistence &
Graduation**

**Transfers
In/Out**

**Labor Market
Outcomes**

Persistence & Graduation Dashboard

The Persistence & Graduation (P&G) Dashboard illustrates metrics for **persistence rates**, **graduation rates**, **time to degree**, and **degrees awarded** with the ability to filter by program, demographics, and academic indicators.

This is our initial release and is being iterated based on feedback from the institutions.

Persistence & Graduation Overview Page

Home / Dashboards / Persistence and Graduation

Persistence Overview

Cohort Description

1 Year Persistence by Demographics

1 Year Persistence by Program

2 Year Persistence by Demographics

2 Year Persistence by Program

Graduation Overview

Graduation by Demographics

Graduation by Program

Degrees & Time To Degree

Who Earned Degrees?

Time to Degree by Demographics

Time to Degree by Program

Dashboard Information

Persistence Overview

Cohort Year(s) currently selected: 2015 , 2016 , 2017 , 2018

Please validate the below filters that are prepopulated based on FICE codes you have been given access to and/or adjust the filters which will be applied to all dashboard pages

Institution Name

All

Peer Comparison

All

Cohort

All

Program

All

Race/Ethnicity

All

Gender

All

SCH Completed

All

Age

All

GPA

All

1 Year Persistence

73%

Overall



8% Change over 3 yrs

65%

Same Institution



10% Change over 3 yrs

8%

Other Institution



-13% Change over 3 yrs

2 Year Persistence

61%

Overall



7% Change over 2 yrs

49%

Same Institution



10% Change over 2 yrs

12%

Other Institution



-4% Change over 2 yrs

How Researchers May Use the P&G Dashboard

Persistence & Graduation metrics allow users to analyze specific persistence or graduation scenarios or trends over time. The following are examples of how researchers may use the secure Persistence & Graduation (P&G) Dashboard:



PEER COMPARISON

The Department of Sociology is looking to compare the percent of students who leave their institution and go to another institution with their peer institutions.

RELATIONSHIP BETWEEN METRICS

The VP of Student Success is looking to understand the relationship between the GPA of a student and their likelihood to not persist. She also wants to compare this with similar institutions and review the trends.

TREND ANALYSIS

The Director of IR noticed a trend in the success rates of male students and is looking to compare this with their peer institutions.

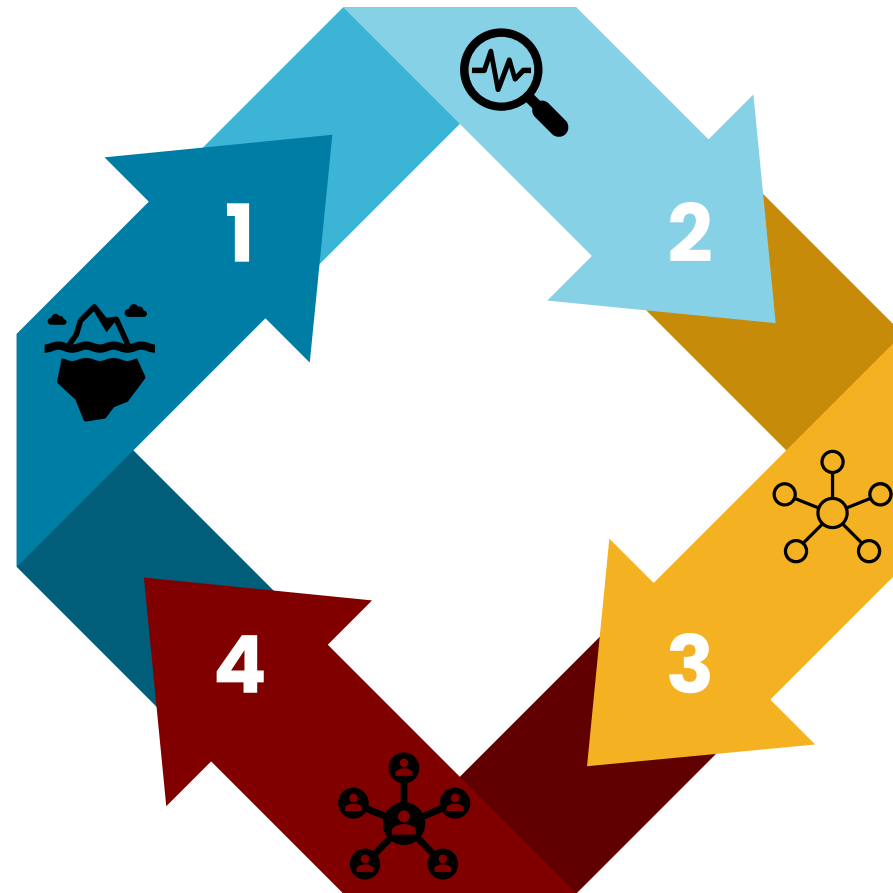
Connective Data and Dashboard Strategy

Formulating Problem Statement

Develop a problem statement before engaging with a dashboard. This will allow for guided exploration of the data and glean insights relevant to the issue. Become familiar with the underlying data.

Diving Deep into the Data

Engage with the dashboard to uncover data-driven solutions pertinent to the defined problem statement. Record all observations throughout the investigative process. Be prepared to refine the problem statement as new insights emerge.



Developing Action Plans

Create a comprehensive short-term action plan detailing the necessary activities, assigning responsible parties, establishing deadlines, and defining communication strategies with stakeholders.

Connecting the Dots

Identify the broader patterns that emerge from the data findings and craft strategic approaches to effectively address the issues outlined in the problem statement.

Team Time

- Example Questions:
 - What are my two year persistence rate trends over the past three years?
 - How does my two-year persistence rate compare with peers?
 - By major?
 - Race/Ethnicity and Gender
 - What does my institution two year persistence rate look like at my institution vs enrolled elsewhere?
 - Are there differences in second-year persistence rates between different demographic groups?

Taking it Back to Campus

- Who else would benefit from the Persistence and Graduation Dashboard?
- What other questions can be asked?
- Data at campus?
- Who will need to be a part of the team?
- Business Processes that can be affected

**Persistence &
Graduation**

**Transfers
In/Out**

**Labor Market
Outcomes**

Transfers Dashboard



The Transfers Dashboard illustrates institution-specific metrics for **student transfers in/out of programs** at the system or institution level with the ability to filter by program, demographics, and academic indicators.

Transfers Overview Page

Home / Dashboards / Transfers

Report Year(s) Currently Selected: 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022

Transfer-In Overview

Please validate the below filters that are prepopulated based on FICE codes you have been given access to and/or adjust the filters which will be applied to all dashboard pages

Institution Name **Peer Comparison**

All All

Report Year **Program** **Race/Ethnicity** **Gender** **Part Time/Full Time** **SCH Before Transfer** **Age**

All All All All All All All

Transfer-In

1M Transfer Count ▼ -100% Change over 7 yrs	2.87 Average GPA Before Transfers ▼ -19% Change over 7 yrs	35.87 Average SCH Before Transfers ▲ 205% Change over 7 yrs
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Peer Transfer-In

How Researchers May Use the Transfers Dashboard

Transfers In/Out metrics allow users to analyze different transfer scenarios, including transfer patterns, hours spent in a program before transferring, and GPA before transferring. The following are examples of how researchers may use the secure Transfers (In/Out) Dashboard:



PEER COMPARISON

The Department of Biology wants to understand the trends of students who transfer into their programs compared to peer groups. Are other institutions seeing an increase in transfers?

RELATIONSHIP BETWEEN METRICS

The Provost wants to look at the changes in demographics of transfer students in her institution compared to the peer institutions.

TREND ANALYSIS

The Director of IR is asked to compile a list of programs where the transfer in numbers are decreasing at their institution and compare those to the peer trends.

**Persistence &
Graduation**

**Transfers
In/Out**

**Labor Market
Outcomes**

Labor Market Outcomes Dashboard



The Labor Market Outcomes (LMO) Dashboard illustrates metrics pertaining to **student success in the labor market** with the ability to filter by program, demographics, and academic indicators.

Labor Market Outcomes Overview Page

Home / Dashboards / Labor Market Outcomes

Grad Year(s) Currently Selected: 2015 , 2016 , 2017 , 2018 , 2019 , 2020 , 2021 , 2022

LMO Summary

Please validate the below filters that are prepopulated based on FICE codes you have been given access to and/or adjust the filters which will be applied to all dashboard pages

Institution Name All **Peer Comparison** All

Report Year All **Program** All **Industry** All **Race/Ethnicity** All **Gender** All **Total SCH** All **Age at Graduation** All **Degree Level** All

Average Debt

9,622
Average Debt At Grad
0% Change over 7 yrs

20%
Median Debt To Wage Ratio
0% Change over 7 yrs

Median 1 Year Wage

- Summary
- Debt By Demographics
- Debt By Program
- Debt To Wage Ratio By Demographics
- Debt/Wage 1 Year By Demographics
- Debt To Wage Ratio By Program
- Debt To Wage Ratio By Industry
- Wage 1 Year Demographics
- Wage 1 Year Program
- Wage 1 Year Industry
- Wage 1Year/5Year By Demographics
- Wage 5 Year Demographics

How Researchers May Use the LMO Dashboard

Labor Market Outcomes metrics allow users to analyze different scenarios, including debt upon graduation, first and fifth year wages, median wage by degree level, and popular industries for students. The following are examples of how researchers may use the secure Labor Market Outcomes Dashboard:



ANALYSIS OF PROGRAM SUCCESS

The Department of Architecture is interested in tracking the success of a grant program they implemented three years ago to reduce the debt accumulated by students.

CREDENTIALS OF VALUE ANALYSIS

The Director of Career Services is interested in the top industries that Music majors go into over the past five years and what the average salaries are for their first year.

TREND ANALYSIS

The Director of IR has been asked to find programs with the lowest increase in wages between year one and year five.

Support and Feedback

Dedicated Scheduling Resource

To receive individual support as you gain access to the Secure Data Portal and Dashboards, please feel free to schedule a time that is convenient for you to discuss.

TECH SUPPORT

Our team will provide support as you create your account, log in to the Secure Data Portal, and request access to the appropriate dashboards.

ACCESS APPROVAL

Our team will approve data access during office hours so you have the opportunity to review the dashboard in real time and ask questions.

DASHBOARD QUESTIONS


Our team will be available to answer general dashboard questions or move to a private breakout room to answer questions specific to your institution's data.

OFFICE HOURS TEAMS INFORMATION


Schedule time with the team to discuss specific questions, needs, provide feedback.

<https://outlook.office365.com/owa/calendar/THECBSecurePortal@thecb.onmicrosoft.com/bookings/>


THECB Secure Portal

 SELECT A SERVICE

Secure Portal General Questions

Grab some time with us for an appointment... [Read more](#)
30 minutes 

Persistence and Graduation Dashboard Meeting

Grab some time with us for an appointment... [Read more](#)
30 minutes 

Share Feedback

THECB welcomes feedback regarding your experience with the Secure Data Portal and Dashboards. To provide feedback, select **Help** from the navigation bar and then select **Feedback**. Fill out the form and **Submit**.

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REQUEST DATA DASHBOARDS ▾ APPROVAL ▾ MY REQUESTS HELP ▾ MY ACCOUNT ▾

HOME / Help / Feedback

FAQ
Feedback

1

Fill out the form below to ask questions, provide feedback on our dashboards and data visualizations, and to report any errors you encounter while using the site

First name*

Last name*

Phone number*

Email*

Affiliation*

Topic*

Description*

Submit

2

THECB Secure Dashboard Feedback



<https://forms.office.com/r/RnaDjP8gVZ>

Pre-Institute Evaluation



- PSEO:
- <https://lehd.ces.census.gov/applications/pseo/>
- Texas Talent Trajectory:
- <https://databridge.highered.texas.gov/the-texas-talent-trajectory/>

Questions?

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