

Texas Higher Education Coordinating Board

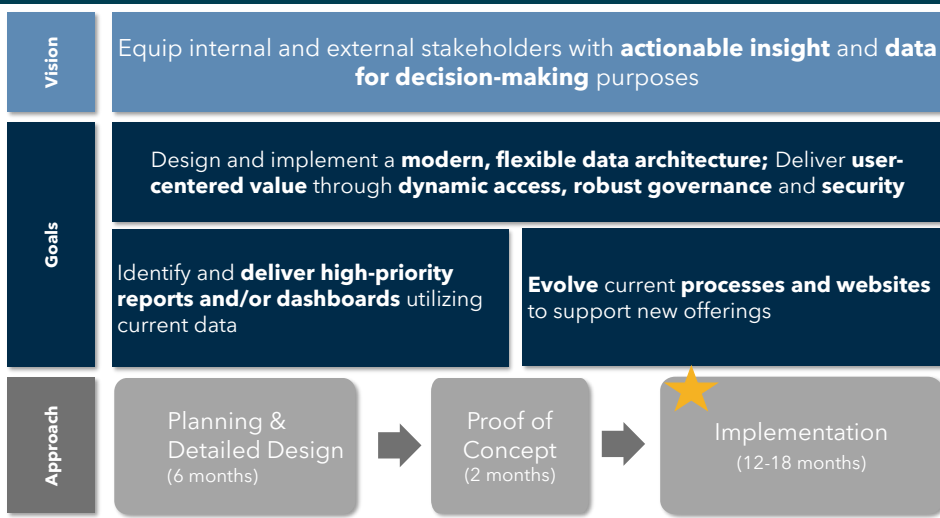
Data Modernization Initiative Update

Lori Fey, Deputy Commissioner - Data Analytics and Innovation

October 20, 2021

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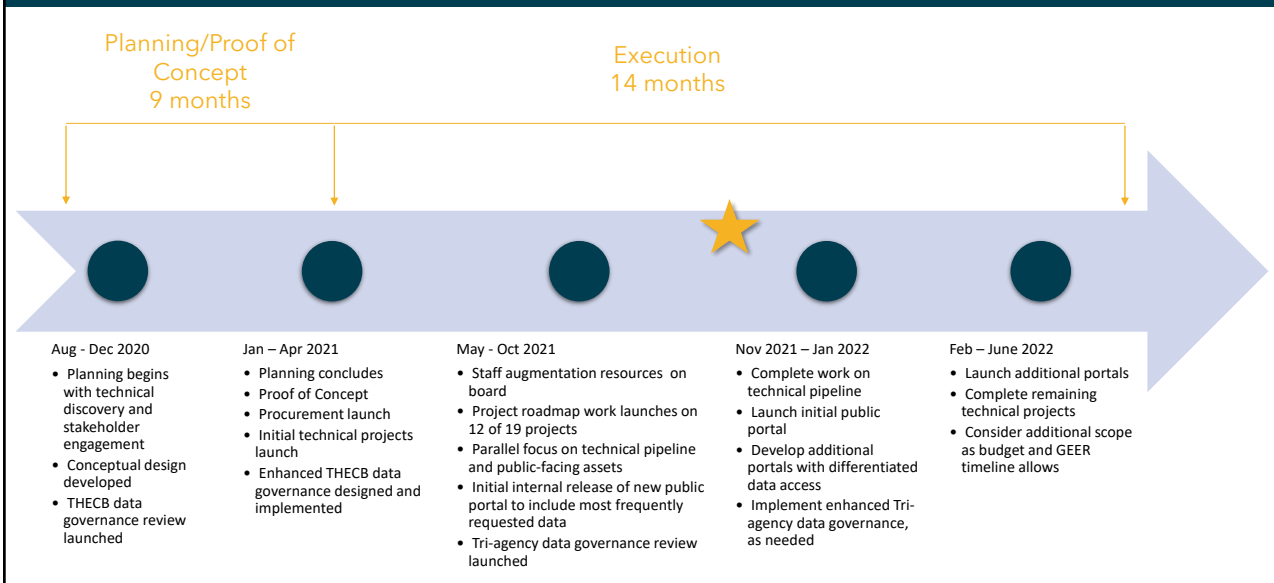
Data Modernization Initiative



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Data Modernization Initiative Timeline



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Implementation Roadmap through March 2022

	Accomplished to Date	Work in Progress	Planned Work through March 2022
Tech & Data Architecture	<ul style="list-style-type: none"> Established technical environment for testing and development Built initial production environment Established scrum teams of onboarded staff augmentation resources, managed by agency personnel Designed initial concrete solution design, project descriptions, and implementation road map Identified partner to develop a data submission portal, two data-access portals, and to provide support for data management & modeling 	<ul style="list-style-type: none"> Complete production environment to launch completed iterations of products Continue training internal team on new cloud components Identify and procure a web-based solution for a comprehensive, accessible data dictionary Contract for user interface/user experience development for externally-facing portals Release initial public portal for internal testing and use Develop the first release of the data submission portal for use by institutions submitting Financial Aid Data System (FADS) reports using the modernized data pipeline 	<ul style="list-style-type: none"> Launch additional iterations of products according to a refined road map Contract with to-be identified partner to begin change management and stakeholder engagement activities Conduct internal testing on the initial release of the public portal
Governance	<ul style="list-style-type: none"> Consolidated stakeholder input Completed assessment and recommendations report Approved data governance charter and handbook by the data governance council Launched new agency-wide data governance structure 	<ul style="list-style-type: none"> Finalize and implement procedures and processes for the operation of the Data Governance Council (DGC) Prioritize initial focus areas for the DGC Create external stakeholder group(s) to inform recommendations of the DGC Launch review of Tri-Agency data governance, including 	<ul style="list-style-type: none"> Enhance Tri-Agency governance structures, policies, and processes based on recommendations Engage with external stakeholder group(s) on priority THECB and Tri-Agency data governance areas
Communications	<ul style="list-style-type: none"> Secured cloud-based hosting environment Initiated contract and kicked off work with new partner to assess and finalize website build Completed migration of documents to consolidated websites 	<ul style="list-style-type: none"> Assess and prioritize pre-launch adjustments to main website Perform testing to support ongoing improvements to agency websites Prepare to launch main agency website 	<ul style="list-style-type: none"> Launch refreshed agency data website utilizing new UI/UX design Refine consolidated architecture and migration plan for all agency websites

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Initial Interactive Dashboards include Most Frequently Requested Data

Texas In-State Enrollment Insight

Institution Type & Institution: All, Semester: Fall, County: All, Year: 2020, Students Count - Selected Year: 4,394

Top 5 TX County by Students Count

County	Students Count
MARSH	~1,000
HIDALGO	~800
KLEBER	~700
WARRANT	~500
WHEELER	~400

Student Count by Institution Type

Institution Type	Count
Universities	4,394

Longitudinal Enrollment Dashboard - 5 Year Increments from 2015 to 2021

Institution Type / Institution Name	2015	2016	2017	2018	2019	2020	2021
Career Schools/Colleges	100	100	100	100	100	10,892	10,892
Community, Technical, and State Colleges	50	50	50	50	50	2,871	2,871
Health-Related Institutions	7%	7%	7%	7%	7%	7%	7%
Universities	27,682	27,682	27,682	27,682	27,682	27,682	27,682
Grand Total	100	50	50	50	50	40,534	40,534

Gender Enrollment Count / %

Gender	Count	%
Female	23,023	56.8%
Male	17,511	43.2%
Total	40,534	100%

Ethnicity Enrollment Count / %

Ethnicity	Count	%
Hispanic	14,018	34.6%
African American	2,914	7.2%
White	300	0.7%
Other	651	1.6%
International	48	0.1%
Unknown	48	0.1%
Total	40,534	100%

Test data for illustrative purposes only

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Questions?

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