WE CAN TX Dashboard: Live Demonstration

May 9, 2022
Agenda for today

Overview (15 min)
• Purpose for today’s session
• Brief introductions
• Dashboard objectives and scope
• Our design principles
• Sources, methods, and misc. notes

Live demo + Q&A (45 min)
Purpose for today’s session

Thank you in advance for your time, feedback, and questions today!

Our goals for today:
• Provide you with a preview of the soon-to-be-launched WE CAN TX data dashboard
• Gather feedback from you on areas of strength and dashboard improvement opportunities

Dashboard objectives:
• Empower WE CAN TX regional partners with the labor market and education / training system data needed to:
  • Understand regional performance
  • Assess progress / effectiveness of new initiatives
  • Drive investment and prioritization decisions within your region
• Serve as a “baseline” for what data is and is not available today
• Support statewide and national work-based learning improvements for data measurement, collection, reporting, and evaluation
Quick introductions – the Kinetic West Team

Andy Ferrera
Principal

Cat Tarvin
Senior Consultant

Merilee Teylan
Senior Consultant
Design principles

Decision / action-oriented
• Prioritizing visualizations that can drive decisions among regional partners

Usability and simplicity
• Visuals should be easy to interpret with minimal jargon or unneeded information
• Consistent layout and design within and across pages

Equity metrics on every page
• Goal for each page to include relevant data on race / ethnicity, gender, income, and other prioritized populations

Data in context
• Inclusion of “North Star” metrics to contextualize the information in the dashboard

“Sliceable” / Filterable data
• Prioritizing visuals and metrics that are filterable by multiple geographies
• Linking visuals to allow for “drill downs” or “double clicks”
We used a variety of sources to populate the dashboard

**Federal databases**
- Bureau of Labor Statistics
- U.S. Census (Decennial Census and American Communities Survey)
- U.S. Department of Education (e.g., IPEDS - Integrated Postsecondary Education Data System)
- U.S. Department of Labor (e.g., RAPIDS apprenticeship data)

**State databases**
- Texas Workforce Council (e.g., TexasLMI.com)
- Texas Higher Education Coordinating Board
- Texas Association of Community Colleges
- Texas Education Agency

**Academic databases**
- MIT Living Wage Calculator
- University of Washington Self-Sufficiency Standard
Final notes

This dashboard is “version 1.0” and serves as a starting point for the future

Dashboard limitations

• Some data was not available at all the geographies or disaggregation levels we hoped for
• Where not all data was available, we used our principles to guide what visuals to prioritize

We will continue to refine and update this dashboard based on your feedback and as more data becomes available
Live demo!
Before we get started, please head to our MentiMeter page

Go to www.menti.com and use the code: 97 86 85 9
Challenge Exercise

Use the WE CAN TEXAS Dashboard to determine the following:

1. What are the top 3 industries in your location and what are those industries' average annual wage?
2. What are the top 3 occupations in your location that pay a sustaining wage (i.e., >90%)?
3. What percentage of aerospace engineers have a bachelor's degree?
4. What race/ethnicity is most over-represented among apprentices who completed their training as Heavy and Tractor-Trailer Truck Drivers?
5. In SY 2019-2020, how many CTE participants were there in the Early Learning program of study in the Austin Independent School District? How many were in Teaching and Training?
6. Pick a community college and identify the highest enrolled program at that school other than Liberal Arts? What is the projected employment for that industry?

Come find us during office hours to share your experience with the dashboard and these challenges.
Thank you!