UTAH **DATA**
RESEARCH
CENTER

I
DATA

DATA QUALITY
101

BAD DATA IS NO
BETTER THAN NO
DATA.

ARE YOU SURE THE DATA YOU GAVE ME IS CORRECT?
I'VE BEEN GIVING YOU INCORRECT DATA FOR YEARS. THIS IS THE FIRST TIME YOU'VE ASKED.
WHAT?
I SAID THE DATA IS TOTALLY ACCURATE.

The data doesn’t lie!

Predecessor

UTAH DATA ALLIANCE

- Decentralized administration
- Managed by committee
- No long term funding source – short term reliance on federal grant
- Participation from partner agencies was ultimately voluntary

UTAH DATA RESEARCH CENTER

- Centralized administration
- Managed by DWS-WRA management
- State appropriation
- Transfer of data from partner agencies is required through state law

Inception

S.B. 194

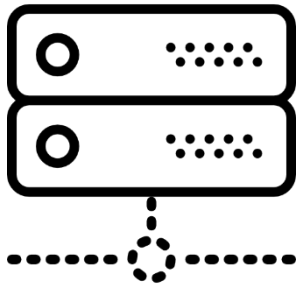
2017GA

35A-14

July 1st, 2017

- Directs DWS to create the UDRC under the Workforce Research and Analysis group
- Partner agencies “shall” contribute data to the center: DWS, USHE, USBE, UDOH, and USTC
- Directs the creation of a state of Utah longitudinal data system, and a corresponding research agenda
- Specifies the role of the center and the advisory board
- Specifies the creation of a “data visualization portal”
- Mandates the center to report to the education interim committee in a yearly basis
- Appropriates approximately $1M in ongoing funds

Progress – July 2017

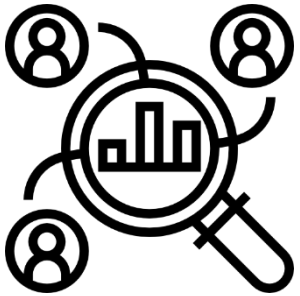


Technology

- Export application
  - Extract, encrypt, transfer
- Import application
- Administrative application
- Master person algorithm
- De-identification process
- Historical data receipt

MOU

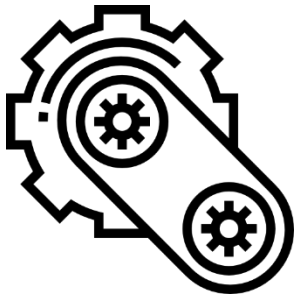
- USHE
- USBE
- USTC
- DWS
- In process: UDOH



Research Agenda

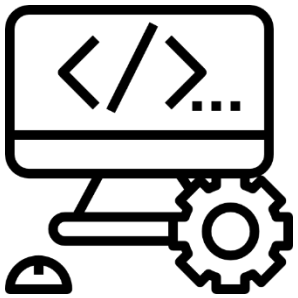
- 18 items
- Approved by the education interim committee
- Currently focus on the statewide P20 goals and outcome metrics

Cont.



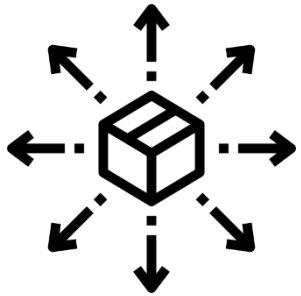
Administration

- Hired:
  - Manager
  - Researchers
  - Data comm. coordinator
- Governance document
  - Data
  - Organizational
- Promoted a unique “UDRC” culture
- Policies and procedures



Website

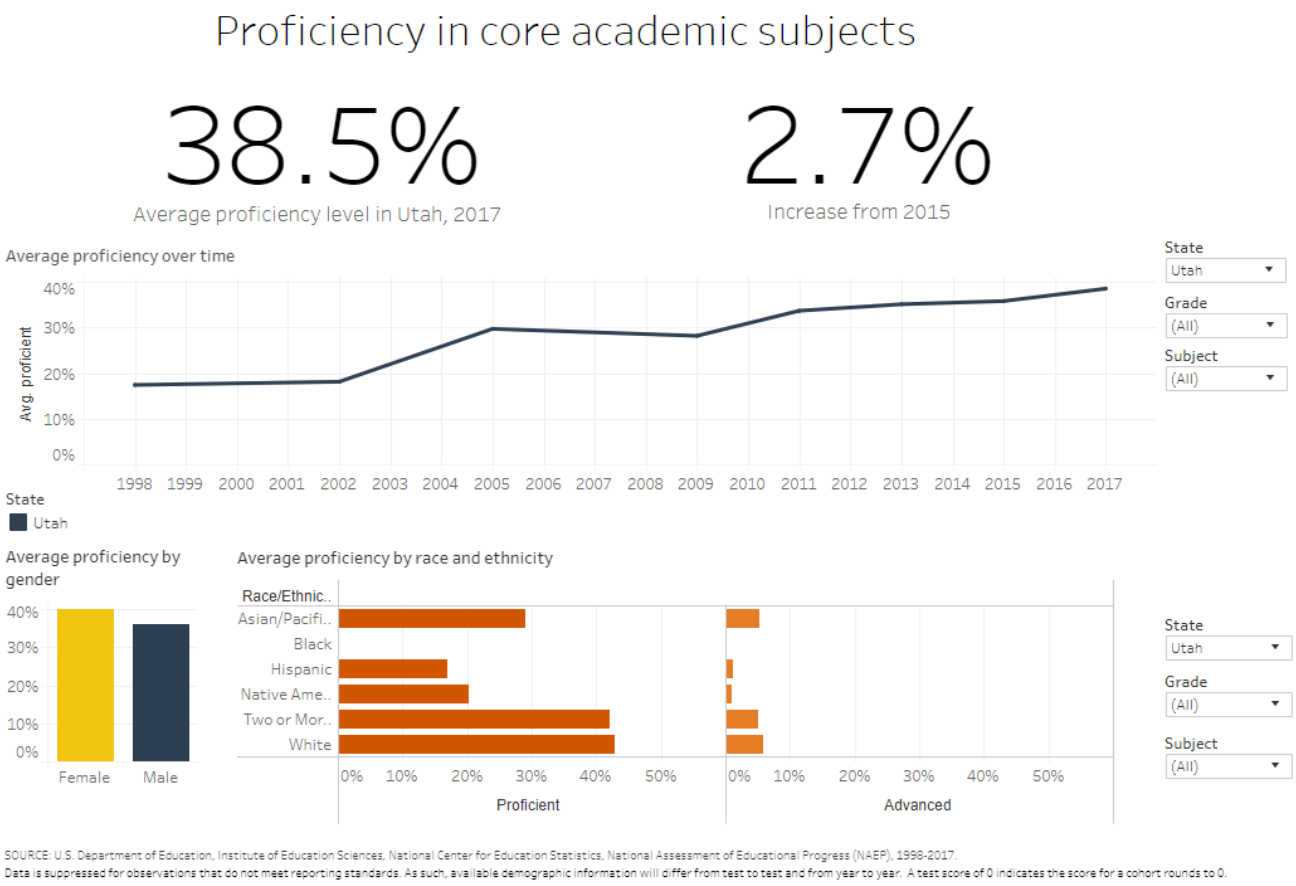
- Phase I completed
  - About
  - Privacy
  - Research
  - Advisory Board
- Phase II – in progress
  - External researcher application
  - Expanded products



Products

- USTC SLDS Grant Data Request
- P20 Metrics Phase I
  - Tableau dashboard
- Currently working:
  - P20 Metrics Phase II
  - Launch My Career Data Request

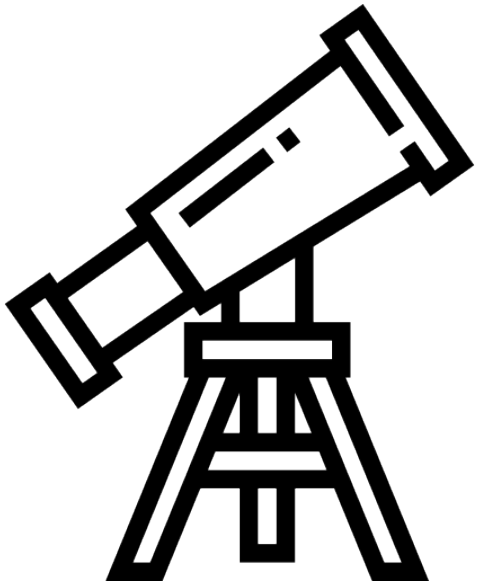
P20 Metrics Phase I



Source: http://udrc.utah.gov/metrics.html

Future Direction

- Integration of UDOH, specifically ECIDS (early education data)
  - And other agencies as directed
- Completion of website phase II
  - External researchers access point for UDRC data
- Completion of P20 metrics phase II
  - And transforming into data narrative
- Expansion of team as needed
- Continued effort to increase human capital by focusing on:
  - D3
  - Tableau
  - Python
  - R, and R Markdown
  - Machine learning, data mining methods
- Create a comprehensive production model for the creation of research and research related products such as:
  - Reports
  - Dashboards
  - Data narratives



UDRC's Relevance

UDRC has two major roles in relation to USHE's data

High quality data allows the UDRC to produce high quality: reports, dashboards, research, data narratives…

Thank you for helping the UDRC!