Panorama Education
&
Data Ecosystem

TDPAC Update
1.31.2023

Agenda

- Housekeeping
- Introduction to Jeffco's research & assessment work
- Panorama Education survey tool
- Data Ecosystem cont'd (Part 2)

Housekeeping

- Meeting schedule
- [Data Ecosystem BOE update](#)
  - "How to transform this committee into a governance partner?" was the primary topic of conversation between Phil, Scott, and I.

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Introductions

Dr. Heather MacGillivary
Director Research & Assessment Design

Dr. Carol Eaton
Executive Director Instructional Data Services (IDS)

Intro to Research & Assessment Teams

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Research & Assessment Design

ACCELERATING STUDENT LEARNING THROUGH VISUALIZATIONS, ANALYTICS, CONTINUOUS IMPROVEMENT, AND ACCOUNTABILITY

- Team of 7 people
- Advanced degrees in education, psychology, sociology, data science, instruction & curriculum, statistics and research methods
- Professional experience of teachers, educational researchers and professors
- **Publications and Presentations**

K-12 Education

Stats & Methods

Code (SQL & R)

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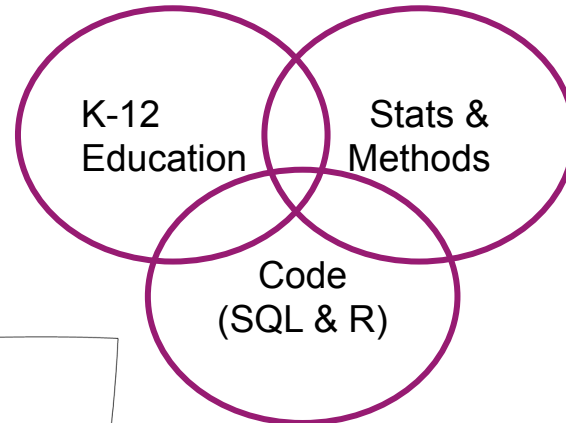
Visualization

- [School Insights](#) - public display of data for local accountability and transparency
- District Insights - designed as an internal companion piece to School insights that includes:
  - Statistical analytics
  - Driver analyses of multiple data points
  - Metrics to flag district leaders of areas of concern or celebration

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Analytics

- Modeling data includes
  - 'Transition reports' flagging students at risk of 9th grade course failure
  - Predictiveness of three different assessments for proficiency in third grade reading
  - HDT - model to identify students who are at risk of not being proficient in secondary math (CMAS) or third grade reading (CMAS)
  - EVAP study of remote test taking
  - Disproportionality analysis of discipline incidents
  - Social Emotional Learning - convergent validity study
  - Rausch modeling of survey data

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Continuous Improvement

- Current program evaluations include:
  - Summer School
  - High Dosage Tutoring
  - HMH Into Reading
  - Illustrative Math
  - Contextual Learning
- Thriving Schools Support Teams (support schools through an interdepartmental team of district leaders)
- Grant development and reporting
- Survey data - student, family, employee district surveys, principal feedback surveys, design and consult regarding various surveys
  - District work is guided survey advisory committee

Accountability

- School Performance Framework & UIP support
- Requests to Reconsider process
- Alternative Accountability design and delivery for AEC schools
- External Research Review processes (governed by district policies IGB and IGB-R) (link to public application process)
- MOU reviews for data privacy and consent
- CORRA - significantly decreased with public availability of all our work

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Use Case of Data Design Process

School Centric Design

- Discipline Disproportionalities

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Panorama Education

About Panorama

- **Mission:** Radically improve education for every student

- Team of former educators, software developers, designers, researchers, and education professionals

- Work with a community of 12 state agencies, **2,000 districts** and 21,000 schools in all 50 states to collect and act on stakeholder voice, supporting over **15 million students**

Panorama In Jeffco

- **Stakeholder Surveys - new vendor approach to district surveys for students, families and employees.**
- **Surveys are governed by district policy (JLDAC)**
- **Active versus passive consent (Panorama Parent Notification letter)**

No student shall be required, as part of any applicable program, to submit to a survey, analysis, or evaluation that reveals information concerning:

1. Political affiliations;
2. Mental and psychological problems potentially embarrassing to the student or his/her family;
3. Sex behavior and attitudes;
4. Illegal, anti-social, self-incriminating, and demeaning behavior;
5. Critical appraisals of other individuals with whom the student has close family relationships;
6. Legally recognized privileged or analogous relationships, such as those of lawyers, physicians, and ministers; or
7. Income (other than that required by law to determine eligibility or participation in a program or for receiving financial assistance under such program)

without the prior written consent of the student (if the student is an adult or emancipated minor), or in the case of an unemancipated minor, without the prior written consent of the parent.

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Panorama Selection Process (Selection, Funding, Sustainability)

- Cooperative Services agreement built from Aurora Public Schools
- Funding Source - ESSER III
- Purchasing artifacts
  - [Contract](), [Amendment]()
  - [Vetting Form]()
  - [Panorama Privacy Site]()

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Contractual Obligations

The Contractor shall develop surveys focusing on:
- Student Voice
- School Climate
- Teacher and Staff Engagement
- Family and Community Engagement
- And such other focus areas as the District will require from time to time.

Licensed to provide Unlimited, online administration and reporting for student, teacher, staff, community and family surveys.
- Provide research backed and validated survey instruments, customized to District need and priorities
- Create ability to add custom content aligned to District-specific initiatives.
- Allow for robust,nationally-normed reporting with dashboards at District, School, classroom, and student levels.
- Create a playbook of evidence-based, universal behavior and social-emotional learning strategies to address opportunities for skill development.
- Provide project and technical support dedicated to District needs and requirements.

Data Ownership

Client owns data input into the Platform, or otherwise provided to Panorama, by Client and Authorized Users, that constitutes personally identifiable information (as defined under FERPA), such as student survey responses reported on an individual level, ("Client PII") and any other data and content input into the Platform, or otherwise provided to Panorama, by Client and Authorized Users or on their behalf, such as survey questions, ("Non-PII" and together with PII "Client Data").

Client hereby grants Panorama a nonexclusive, worldwide, royalty-free, fully paid up, sublicensable (through multiple tiers): (i) right and license during the Term to copy, distribute, display, create derivative works of and use Client Data to perform Panorama's obligations under this Agreement. Client reserves any and all right, title and interest in and to Client Data other than the licenses therein expressly granted to Panorama under this Agreement.

Panorama Engagement Scope (1 year)

- Weekly Meetings
  - Weekly Project Status Reports
- Focus of Weekly Meetings
  - Survey design
  - Administration of district-wide surveys
  - Rostering of student data (name, grade, student ID, school)
  - Staff and family surveys anonymous (no PII data shared)
  - Reporting permissions

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Panorama Data Sharing

- Current student data: name, student ID, school, grade
- Potential data: Gender, race, special education, English language learner, gifted/talented, free/reduced lunch, birthdate (for logins)
- Use data to create nationally normed database for reporting comparisons (called National Benchmarks)
- Public reporting of survey data (redaction 5 for adults, and 16 for students)

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Data Ecosystem (Part 2)

JEFFCO 2025 THRIVES

Vision:
To be a thriving district where all students achieve their biggest dreams.

Mission:
To provide a world-class education that prepares all Jeffco students for bright and successful futures locally & globally.

Values:
Focus on Students | Excellence | Equity | Integrity | Belonging

4 Priorities:

Our Learners: Our Future
- *Culture of Instructional Excellence*
- *Extraordinary Student Experience*

- Our People: Our Strength
- Our Operations: Our Foundation
- Our Communities: Our Legacy

2022-23 Foundational Initiatives:
(that cross & impact all priorities)

- Regional Opportunities for Thriving Schools
- Healthy & Equitable School Start & End Times
- Data Dashboard
- District Culture

You are here!

Regional Opportunities for Thriving Schools

Healthy & Equitable School Start & End Times

Data Dashboard

District Culture

Objectives: Supporting Jeffco Thrives 2025

1 **Elementary Reading**

All students proficient on state reading test by the end of 3rd grade

2 **Elementary Math**

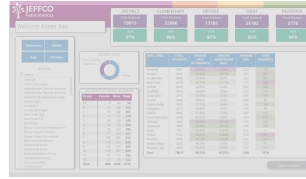All students proficient on a state math test by the end of 5th grade

3 **Middle School Math**

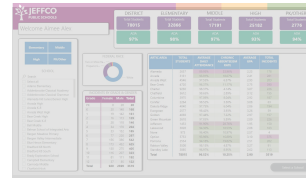All students proficient on a state math test by the end of 8th grade

4 **High School - PWR**

Frequent early warning of students' course failure, attendance, and behavior

Descriptive dashboard(s)
"What happened?"

Diagnostic dashboard(s)
"What is happening"

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Data Sharing Phase 1

Types of data populated in phase 1, current school year data that includes:

- Student demographics
- Student test scores
- Attendance
- Course completion
- Grades
- Behavior

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Data Sharing Phase 2

Types of data populated for analytics work in phase 2, longitudinal data for data modeling, including:

- Multi-year student demographics including free/reduced lunch eligibility
- Matched cohort data per previous slide for each student dating back to 2018
- TBD data based on vendor discovery (social emotional learning, survey data , individualized plans, etc.)