



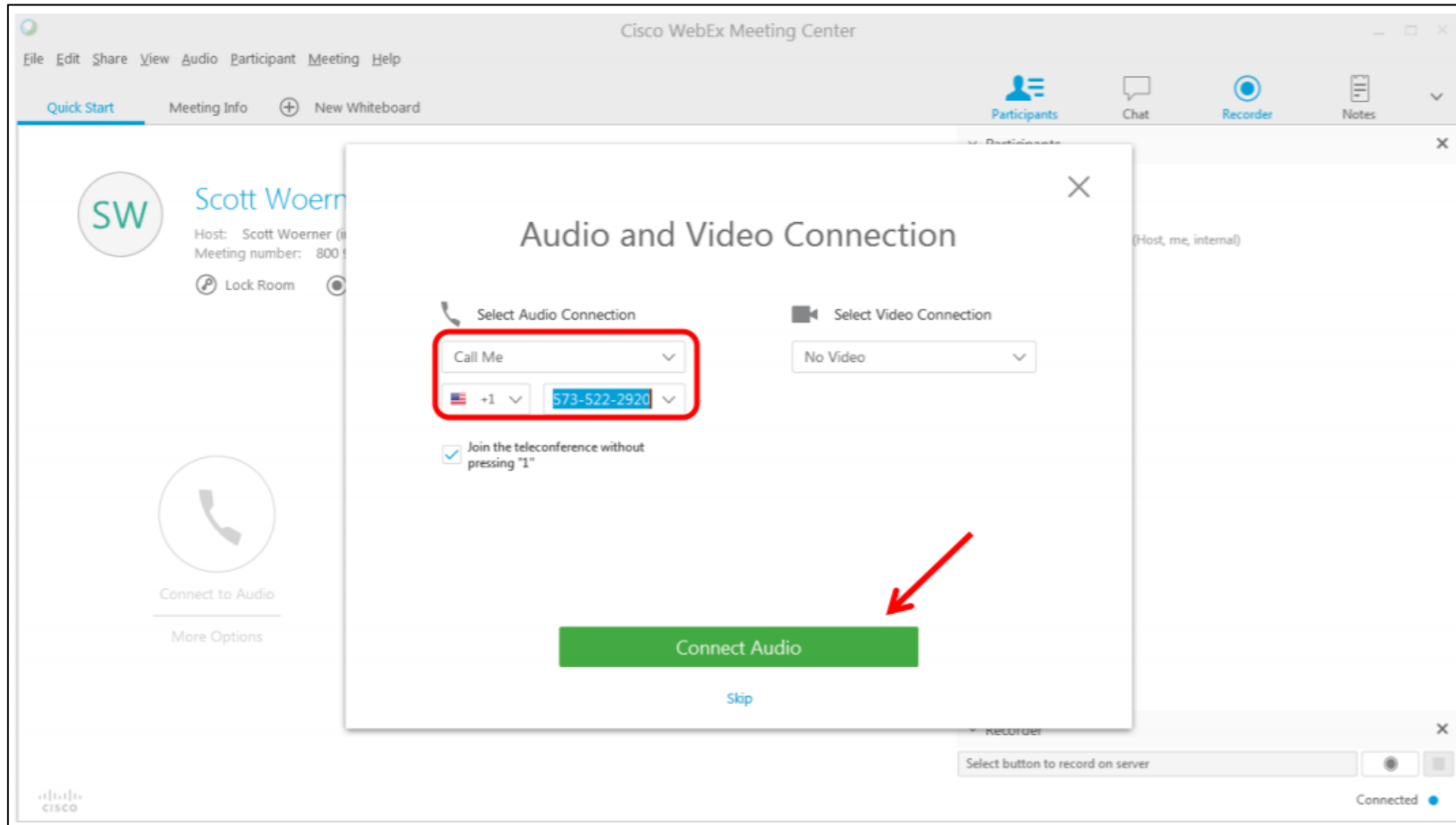
Teaching and Learning Led by Evidence Session 6: Where can teachers access student data from MDE?

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Kat Edwards | Data and Research Analyst

January 28, 2021

Connect to Audio



Today's materials and slides :

<http://bit.ly/3p3ahvQ>

Introduce yourself in the chat:

- ❖ What is your role?
- ❖ Where are you from?





Ten Minnesota Commitments to Equity

1. Prioritize equity.

2. Start from within.

3. Measure what matters.

4. Go local.

5. Follow the money.

6. Start early.

7. Monitor implementation of standards.

8. Value people.

9. Improve conditions for learning.

10. Give students options.

Framing today's discussion

- In previous sessions we addressed the need for identifying student knowledge, and understanding gaps by using standards-based classroom assessments to inform instruction.
- We also mentioned the importance of looking at additional data beyond academics.
- Today we will discuss this “additional data”



By the end of today's session, you will gain...

- An overview of the types of student data relevant to educators that can be accessed by the public.
- Knowledge of how to access and use the data when making decisions.
- A discussion framework to use when analyzing student data with colleagues.

1. Types of educational data (15 min.)

2. Overview of data available from MDE (15 min.)

3. Small group discussion (20 min.)

4. Closing; Q & A (5 min.)

Social Emotional Learning (SEL)

All learning is fundamentally social.

One's cognitive development and social identity are developed by colliding worlds of family, community, and school.

Sociocultural theory offers an approach integrated with cognitive development to address motivational aspects of learning:

- self-regulation
- self-efficacy
- sense of belonging
- identity

- Using learning and motivation theories to coherently link formative assessment, grading practices, and large-scale assessment

Shepard, L.A., Penuel, W.R., & Pellegrino, J.W. *Educational Measurement: Issues and Practice*, Spring 2018.

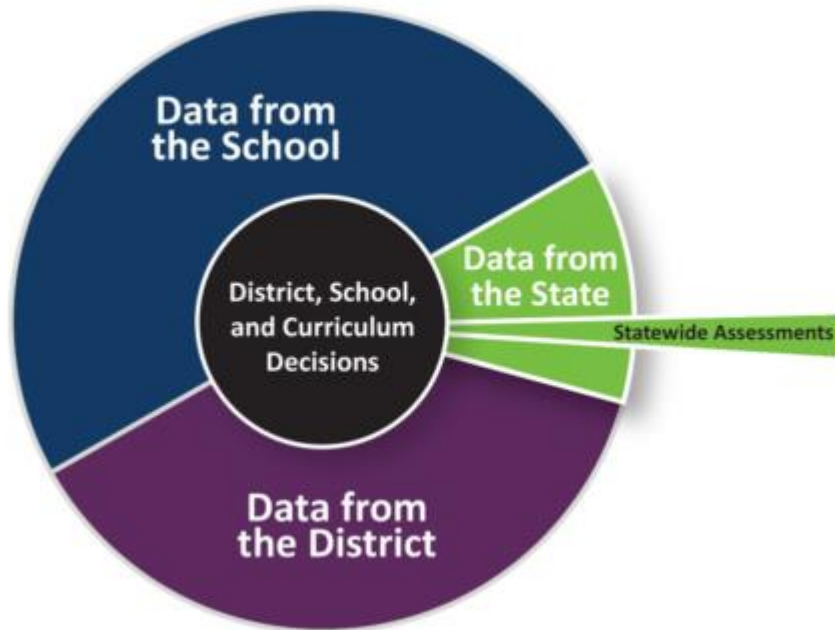
Whole Child Framework

Whole School, Whole Community, Whole Child (WSCC) Model

- Places the child at the center
- Takes a comprehensive approach to supporting learning and health
- Calls for greater collaboration across sectors



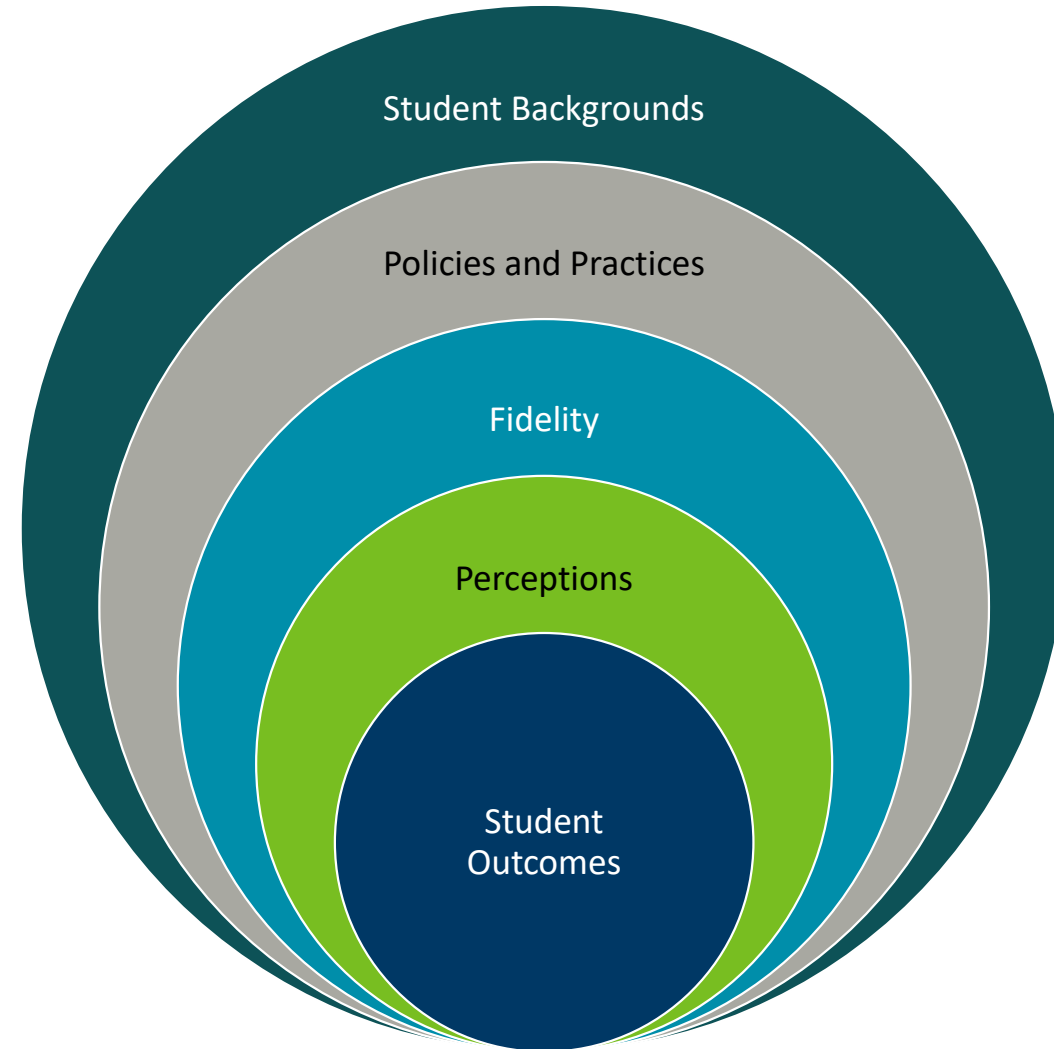
Minnesota Assessments Data: One Component



Example Data Available from the State

- Minnesota Student Survey
- Consistent Attendance
- Discipline
- Enrollment
- Graduation
- MCA/MTAS
- ACCESS/Alternate ACCESS

Types of Educational Data



Data Available from MDE

Student Backgrounds	<ul style="list-style-type: none">• Enrollment and Demographics
Policies and Practices	<ul style="list-style-type: none">• Discipline
Fidelity	<ul style="list-style-type: none">• None available
Perceptions	<ul style="list-style-type: none">• Minnesota Student Survey
Student Outcomes	<ul style="list-style-type: none">• Minnesota Assessments• Graduation Rates

Minnesota Student Survey (MSS)

Administered by four state agencies

- Education, Health, Human Services, and Public Safety

Conducted every three years since 1989

- Last administered in 2019

Census design, rather than random sample

Voluntary and anonymous

Three age-appropriate versions of the survey

- Reports for grades 5, 8, 9 and 11

Minnesota Student Survey Content (1)

Demographics (self-reported)

School Experiences

- School plans
- College and career support
- School attendance
- Educational engagement
- Supportive school environment
- Perceptions of safety
- Bullying/harassment
- School resource officer

Out-of-School Time Experiences

- Activity participation
- Quality of experiences

Social Emotional Learning

- Positive Identity
- Social Competence
- Empowerment



Minnesota Student Survey Content (2)

Health

- Physical health (BMI, chronic illness)
- Healthy eating
- Physical activity
- Mental health

Risk Factors (grade 8, 9 and 11)

- Self-inflicted injury
- Suicide (consideration and attempts)
- Relationship violence
- Adverse childhood experiences

Substance Use (grade 8, 9, 11)

- Alcohol
- Tobacco
- Other Drugs
- Perceptions of risk

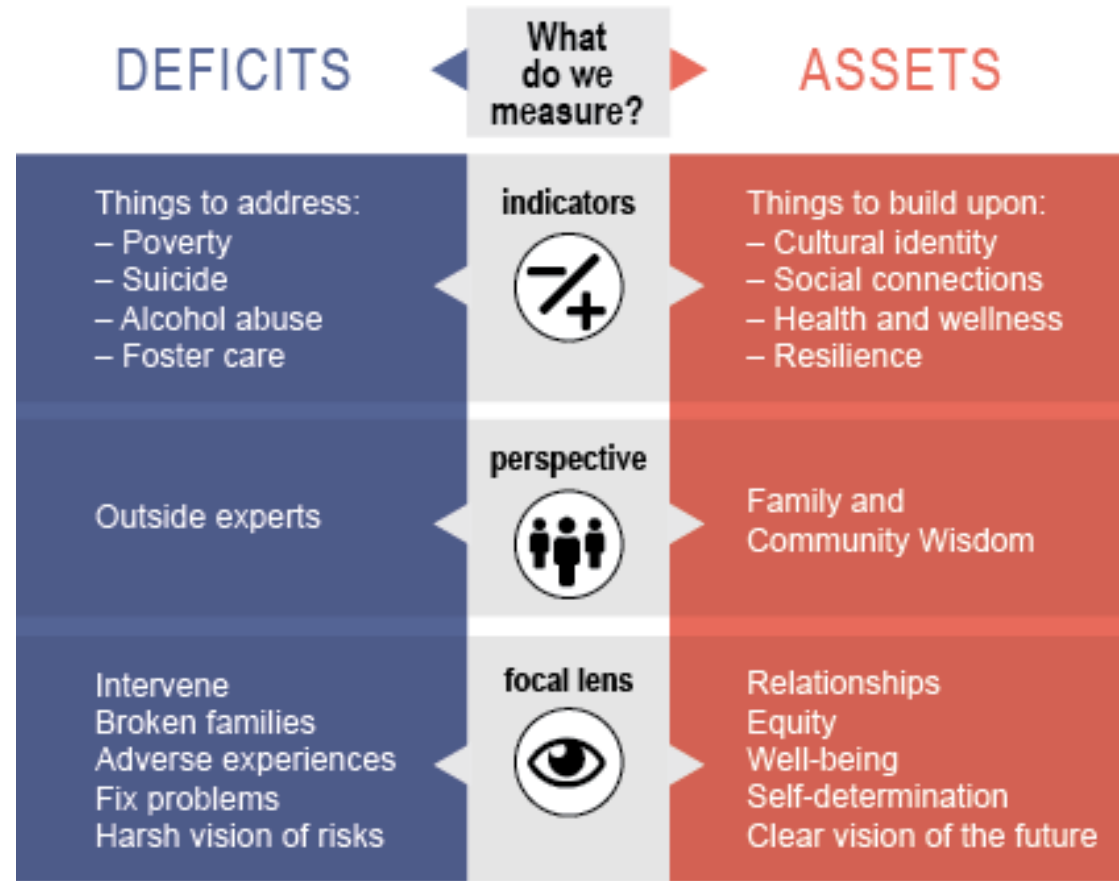
Sexual Behavior (grade 9, 11)

- Sexual intercourse
- Contraception



Minnesota Student Survey Items: Notes about Language





“Advocating for indicators of community assets and well-being” – Richard Chase



Data Available from the State: In the MDE Data Center

m1 DEPARTMENT OF EDUCATION

Skip navigation Resources by Language

stay connected:    

Home About ▾ Students and Families ▾ Licensing ▾ Districts, Schools and Educators ▾ **Data Center ▾**

Search **Search**

Guidance to Help Schools Plan for 2020-21 School Year

The Minnesota Department of Education (MDE) and the Minnesota Department of Health (MDH) have released guidance documents to help Minnesota schools plan for the 2020-21 school year. The guidance asks school leaders to create three different contingency plans based on three possible scenarios that the virus could put us in – in-person learning for all students, hybrid learning, and distance learning. Read [MDH Fall Planning Guidance](#). Read [MDE Fall Planning Guidance](#).

- Data Reports and Analytics
- Early Childhood Longitudinal Data System (ECLDS)
- Maps
- Minnesota Report Card
- Schools, Districts and Teachers at a Glance
- Schools and Organizations (MDE-ORG)
- Secure Reports
- Statewide Longitudinal Data System (SLEDS)
- Statewide Longitudinal Data System (SLEDS) Secure Reports

1 2 3 4 5

Minnesota Student Survey Data

Report Card

- School and district level
- Grade level data is not combined across grades
- Subset of questions about engagement and safety
- No student group disaggregation

Data Reports and Analytics

- District level only
- Grade level data is not combined across grades
- All questions
- Student group disaggregation available

Report Card: Minnesota Student Survey

More About My School

Are students safe and engaged?

What challenging classes are taken?

Who are the students?

Who works here?

Are students safe and engaged?

North Star Consistent Attendance

Engagement and Safety

Statewide

Year: 2019 Grade: 5

School or District

Statewide

Map Search

Year

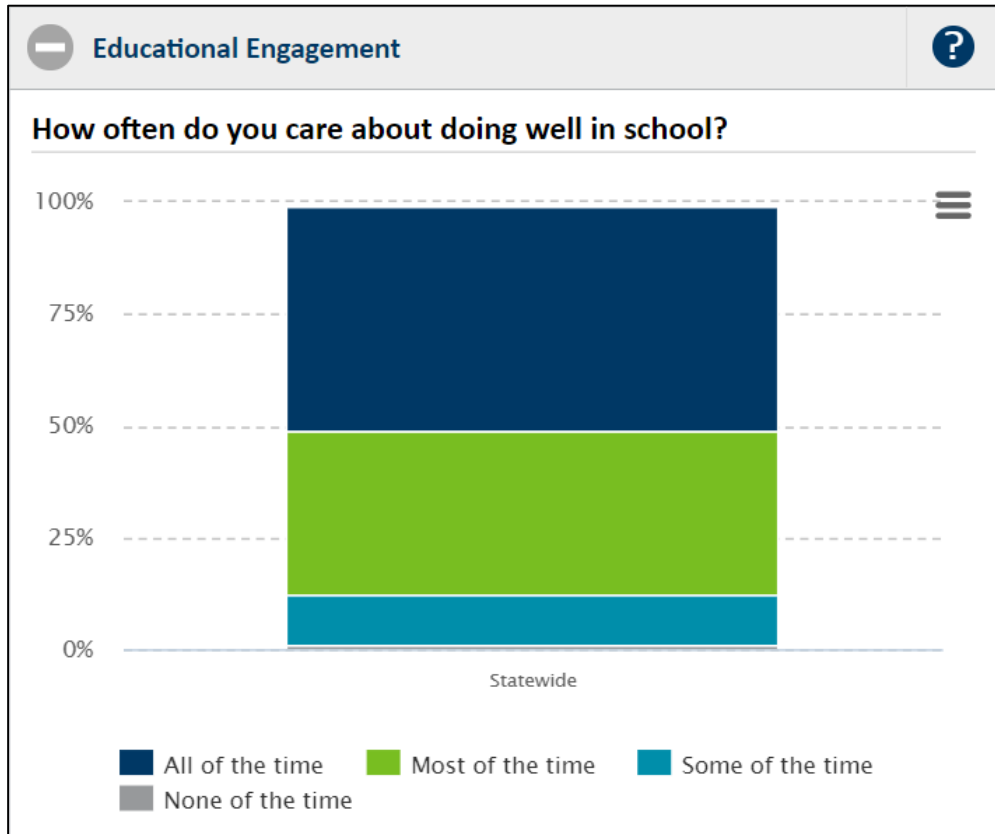
2019

Grade

5

MDE website > Data Center > Minnesota Report Card > Are students safe and engaged? > Engagement and Safety

Example: How often do you care about being in school?



	All of the time	Most of the time	Some of the time	None of the time
Statewide	50%	37%	11%	1%
	22,154	16,475	5,047	639

Data Reports and Analytics: Minnesota Student Survey

- Student Data
- ACT Data
- Child Count
- Discipline Data
- Minnesota Student Survey Reports 2013-2019**
- Minnesota Student Survey Tables 2013-2019**
- Student

Minnesota Student Survey Reports 2013-2019

[Download](#) [PDF](#)

Select Download Format ▼

The Minnesota Student Survey was developed in 1989 to monitor risk and protective behaviors among students. From 1989 through 2010, students in grades 6, 9, and 12 responded to the survey. Beginning in 2013, grade-levels changed to 5, 8, 9, and 11. While many categories remain consistent over time, others are adjusted to reflect current priority topics. Some categories include tobacco, alcohol, and other drug use; nutrition; physical activity; sexual behavior; school safety; mental health; and relationships. The survey is voluntary and anonymous. If a district-level table is not provided, either the district did not participate in the survey that year or the number of participating students was not large enough to provide an individual table. Read the list of questions included in each category and report for the [2013 survey](#), [2016 survey](#) and the [2019 survey](#).

Level	State	▼
Name	Statewide	▼
Year	2019	▼
Category	Activities	▼
Report	ALL	▼
Grade	Grade 5	▼
Demographics	ALL	▼

Run Report

Minnesota Student Survey Tables 2013-2019

The Minnesota Student Survey was developed in 1989 to monitor risk and protective behaviors among students. From 1989 through 2010, students in grades 6, 9, and 12 responded to the survey. Beginning in 2013, grade-levels changed to 5, 8, 9, and 11. While many categories remain consistent over time, others are adjusted to reflect current priority topics. Some categories include tobacco, alcohol, and other drug use; nutrition; physical activity; sexual behavior; school safety; mental health; and relationships. The survey is voluntary, confidential, and anonymous. If a district-level table is not provided, either the district did not participate in the survey that year or the number of participating students was not large enough to provide an individual table.

Use the Drop Downs to identify the files of interest

Level	ALL	▼	List files
Name	ALL	▼	
Year	ALL	▼	

Reset

MDE website > Data Center > Data Reports and Analytics > Student Data > Minnesota Student Survey Reports 2013-2019
OR
Minnesota Student Survey Tables 2013-2019

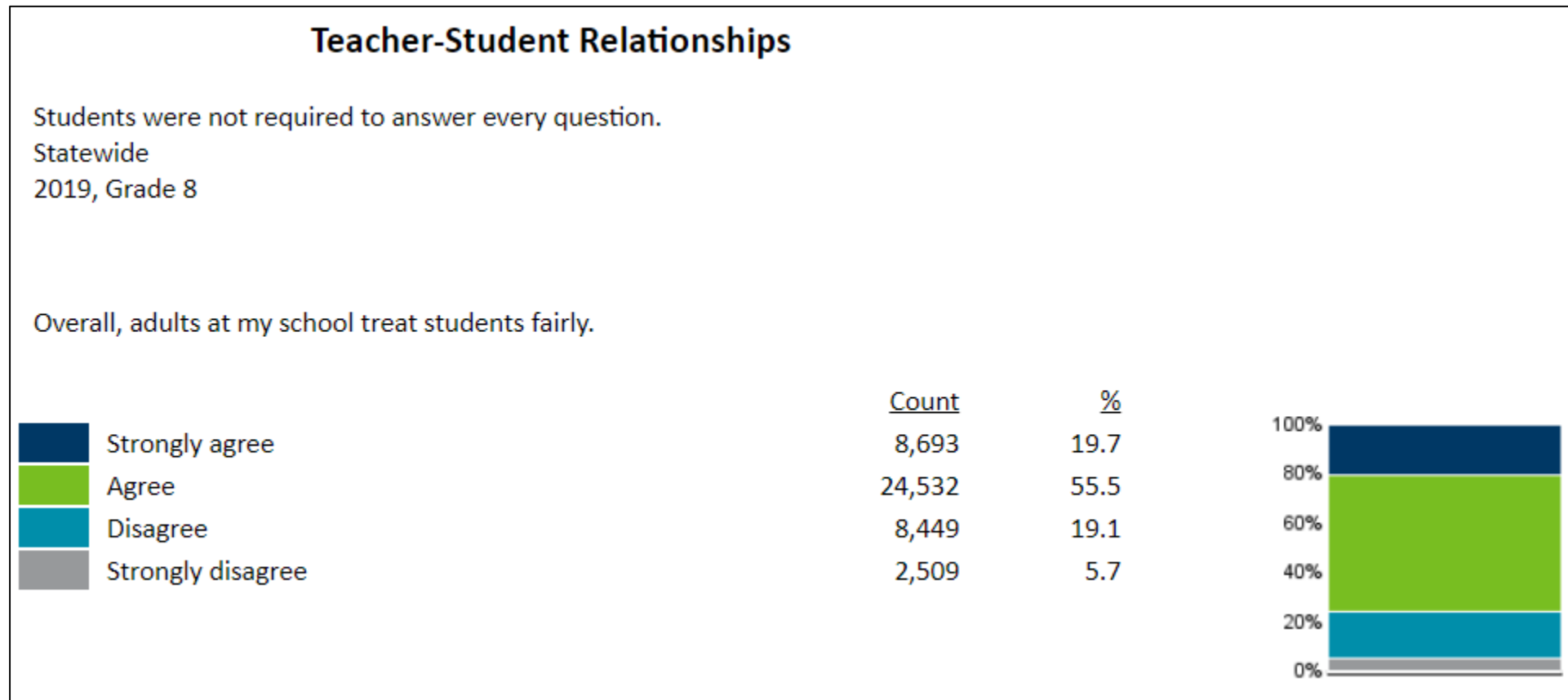
Example: Filter Options for MSS Report

Category	Activities
Report	Activities
Grade	Demographics
Demographics	Family and Relationships
	Health
	Mental Health
	Risk Factors
	School
	Sexual Health
	Substance Use

Demographics	ALL
	ALL
	Gender: Male
	Gender: Female
	Race: American Indian or Alaskan Native
	Race: Asian or Native Hawaiian Pacific Islander
	Race: Black, African or African American
	Race: White
	Ethnicity: Hispanic or Latino/Latina
	Other: Free and Reduced Price Lunch
	Other: Non-Free and Reduced Price Lunch
	Other: Special Ed
	Other: Non-Special Ed

MDE website > Data Center > Data Reports and Analytics > Student Data > Minnesota Student Survey Reports 2013-2019

Example: Teacher-Student Relationships



Report Card: Consistent Attendance

More About My School

Are students safe and engaged?

What challenging classes are taken?

Who are the students?

Who works here?

Are students safe and engaged?

North Star Consistent Attendance

Engagement and Safety

Statewide

School or District: Statewide

Map Search

Year: 2020 (data from prior year)

Comparison Line: None

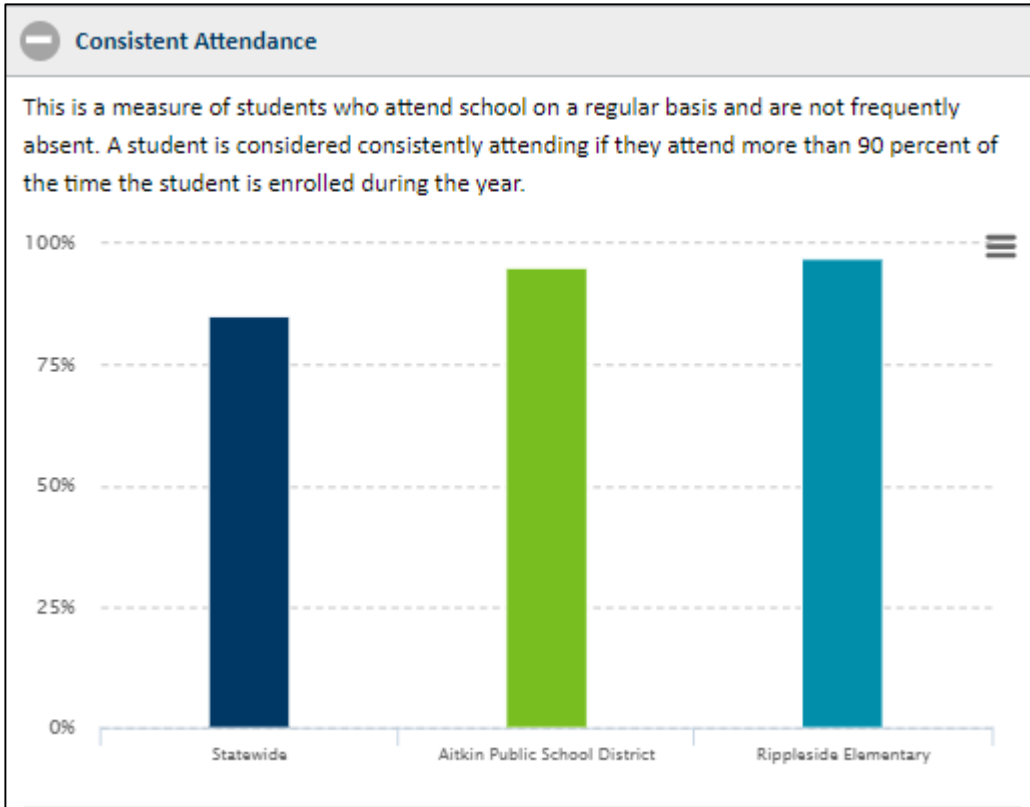
Optionally choose a category.

Hispanic or Latino	American Indian or Alaska Native	Asian
Black or African-American	Native Hawaiian or Other Pacific Islander	White
Two or More Races	English Learner	Special Education
Free/Reduced-Price Meals	Average of Groups	

0% Done

MDE website > Data Center > Minnesota Report Card > Are students safe and engaged? > North Star Consistent Attendance

Example: Consistent Attendance



	Statewide	Aitkin Public School District	Rippleside Elementary
Consistent attendance	85.3%	95.2%	97.2%
Count	794,846	1,094	542

Data Reports and Analytics: Discipline

- Student Data
 - ACT Data
 - Child Count
 - Discipline Data**
 - Minnesota Student Survey Reports 2013-2019
 - Minnesota Student Survey Tables 2013-2019
 - Student

Year: 18-19

Report List: Disciplinary Actions

- Disciplinary Actions**
 - District/State - Trend Report
 - District/State - Counts by Race/Ethnicity
 - District/State - Counts by Grade
 - District/State - Counts by Gender
 - State Percent - General Ed & Special Ed
 - State Percent - All Students by Race/Ethnicity
 - State Percent - Special Ed by Race/Ethnicity
 - State - Counts by Disability Categories
- Disciplinary Incidents
 - District/State - Counts by Incident Type (Reason)

MDE website > Data Center > Data Reports and Analytics > Student Data > Discipline Data

Discipline Example: Counts by Grade

Number of Disciplinary Actions - District Counts by Grade

For purposes of this report, a disciplinary action is defined as an out of school suspension for one day or more, expulsion or exclusion.

Note: A student will be counted multiple times if multiple disciplinary actions occurred.

Year	Co Num	Rgn Num	Dist Num	Dist Type	District Name	Grade K-5	Grade 6-8	Grade 9-12	Total
18-19					STATE TOTAL	10,459	19,910	19,068	49,437
18-19	01	03	0001	01	AITKIN PUBLIC SCHOOL DISTRICT	12	19	37	68
18-19	27	11	0001	03	Minneapolis Public School District	1,540	2,877	2,071	6,488
18-19	01	03	0002	01	HILL CITY PUBLIC SCHOOL DISTRICT	*	*	*	*
18-19	01	03	0004	01	MCGREGOR PUBLIC SCHOOL DISTRICT	*	*	*	*
18-19	19	11	0006	03	South St. Paul Public School Dist	81	200	150	431
18-19	02	11	0011	01	ANOKA-HENNEPIN PUBLIC SCHOOL DIST.	565	798	1,116	2,479
18-19	02	11	0012	01	CENTENNIAL PUBLIC SCHOOL DISTRICT	31	85	232	348
18-19	02	11	0013	01	COLUMBIA HEIGHTS PUBLIC SCHOOL DIST	179	94	27	300
18-19	02	11	0014	01	FRIDLEY PUBLIC SCHOOL DISTRICT	46	222	69	337

* To protect student privacy, if TOTAL column = 1-19 it is filtered and replaced with an *. If the total is filtered, all corresponding cells are also filtered.

Early Childhood Longitudinal Data System (ECLDS)

- Education, Human Services and Health data
- District level
- <http://eclds.mn.gov/#>

Statewide Longitudinal Education Data System (SLEDS)

- Education, Higher Education and Employment and Economic Development data
- School and district level
- <http://sleds.mn.gov/>

Next: Small Group Discussion

- ORID is a framework used to focus a group discussion.
- A facilitator asks four levels of questions, each building on the previous.
- Allows the group to:
 - Be aware of the actual data
 - Process their emotional responses
 - Analyze and make decisions

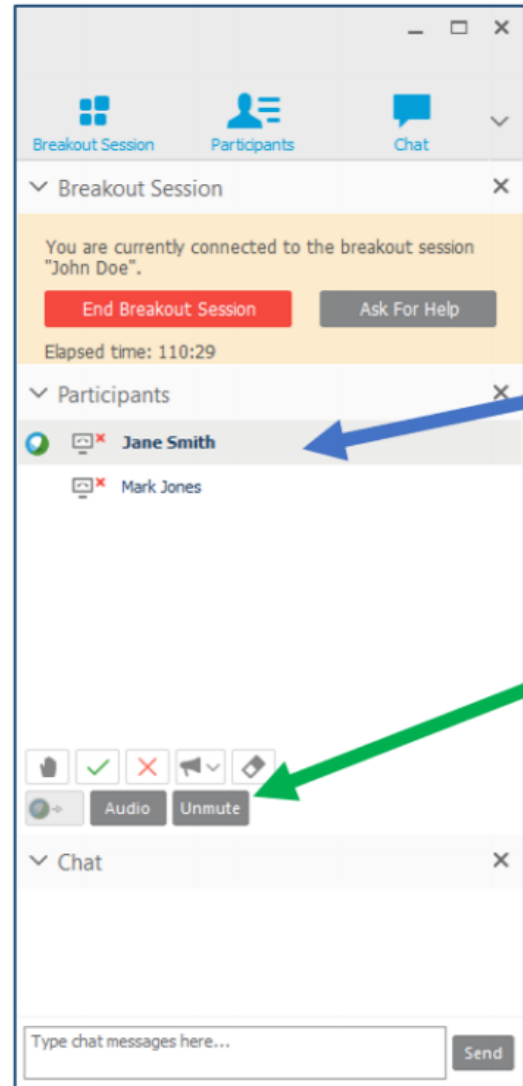
Objective
Reflective
Interpretive
Decisional

Small Group Discussion

Use the [MN Report Card](#) to pull up your school or district's data from the MN Student Survey.

- Discuss the data with your group using the “ORID Discussion” handout, found in the shared folder: <http://bit.ly/3p3ahvQ>.
- Choose one person in your group to be the “facilitator” who can paste a 2-3 sentence summary of your group discussion in the chat back in the main room.

Unmute Yourself in Breakout Groups



1. Click your Name in the **Participants** panel.

2. If the audio is muted, click **Unmute**.

3. If the audio is unmuted, click **Mute**.

(R) What about the ORID process allowed you to see or learn something new?
(D) How might you use this protocol with others to look at data?

Please Take the Survey about this session – We want your feedback!

<https://forms.gle/qntctucPerDNMnyv9>

Session 7: Access and Use Minnesota Assessment Data

February 25, 2021

4:00-5:00 p.m.

Testing 1, 2, 3 Newsletter

- Monthly e-mails containing updates relevant to teachers, from MDE's Division of Statewide Student Assessment and Data Analytics.
- Scan the QR code to enter your name and email
- OR send a request to testing123@state.mn.us
- OR sign up on [Testing 1, 2, 3](#)
(testing123 > Get Involved > Testing 123 Newsletter)



Whole Child Framework

- <http://www.ascd.org/programs/learning-and-health/wsc-model.aspx>

MDE's SEL District Implementation Guidance

- http://education.state.mn.us/mdeprod/idcplg?IdcService=GET_FILE&dDocName=MDE073520&RevisionSelectionMethod=latestReleased&Rendition=primary

Interactive Full Minnesota Student Survey

- In Data Reports and Analytics <https://public.education.mn.gov/MDEAnalytics/DataTopic.jsp?TOPICID=242>

Testing 1, 2, 3

- MDE Assessment and data use resources for teachers
- <https://testing123.education.mn.gov/test/assess/>

Thank you!

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