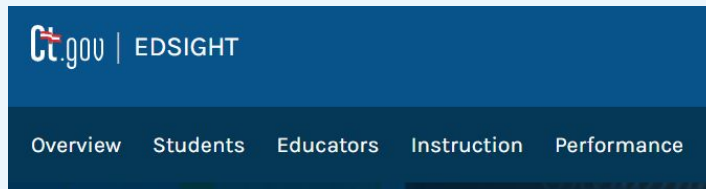


# School and District Accountability Index School Year 2021-2022



Public Data available at



February 7, 2023  
BOE presentation

# What is the State Accountability Index?

A method used by the CT State Department of Education to evaluate schools using a number of indicators:

- The Accountability Index is calculated by using a composite of the indicators on a scale of 0-100.
- These scores place them into school categories on a scale of 1-5.
- Schools/districts in categories 1-3 are based on values and cut scores.

# MADISON PUBLIC SCHOOLS: Next Generation Accountability

Index/Rate is derived by converting a student's scale score to an Index score (SBAC, CTAA, NGSS or SAT).

Ultimate target established for all schools and districts statewide.

Points earned on the relevant indicator for the district.

Maximum number of points possible on associated indicator.

Percentage of "max points" earned by the district.

Indicator	Index/Rate	Target	Points Earned	Max Points	% Points Earned	State Average % Points Earned
1a. ELA Performance Index - All Students	74.0	75	49.4	50	98.7	90.2
1b. ELA Performance Index - High Needs Students	59.0	75	39.3	50	78.7	77.5
1c. Math Performance Index - All Students	72.1	75	48.0	50	96.1	84.1
1d. Math Performance Index - High Needs Students	56.9	75	37.9	50	75.8	70.2
1e. Science Performance Index - All Students	66.7	75	44.5	50	88.9	85.0
1f. Science Performance Index - High Needs Students	51.8	75	34.5	50	69.1	72.2
2a. ELA Academic Growth - All Students	57.8%	100%	57.8	100	57.8	59.9
2b. ELA Academic Growth - High Needs Students	52.0%	100%	52.0	100	52.0	55.1
2c. Math Academic Growth - All Students	62.9%	100%	62.9	100	62.9	62.5
2d. Math Academic Growth - High Needs Students	57.6%	100%	57.6	100	57.6	55.2
2e. Progress Toward English Proficiency - Literacy	69.7%	100%	34.8	50	69.7	60.0
2f. Progress Toward English Proficiency - Oral	50.5%	100%	25.2	50	50.5	52.1
4a. Chronic Absenteeism - All Students	2.4%	<=5%	50.0	50	100.0	78.3
4b. Chronic Absenteeism - High Needs Students	6.4%	<=5%	47.1	50	94.2	55.7
5. Preparation for CCR - Percent Taking Courses	87.7%	75%	50.0	50	100.0	100.0
6. Preparation for CCR - Percent Passing Exams	75.0%	75%	50.0	50	100.0	56.7
7. On-track to High School Graduation	99.5%	94%	50.0	50	100.0	93.6
8. 4-year Graduation: All Students (2018 Cohort)	97.3%	94%	100.0	100	100.0	93.9
9. 6-year Graduation: High Needs Students (2016 Cohort)	94.4%	94%	100.0	100	100.0	88.6
10. Postsecondary Entrance (Graduating Class 2018)	88.4%	75%	100.0	100	100.0	94.5
11. Physical Fitness (estimated participation rate = 93.6%)	58.8%	75%	39.2	50	78.4	70.6
12. Arts Access	67.7%	60%	50.0	50	100.0	86.5
<b>Accountability Index</b>			<b>1180.2</b>	<b>1450</b>	<b>81.4</b>	<b>74.2</b>

Represents average performance indices & rates earned by districts across the State.

Indicator No. 3 is the participation rate for every subject for All Students and the High Needs group. This data is reported in a separate table.

# Schools can drop a level for the following reasons:

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- Participation Rates lower than 95% in any group or subgroup
- Achievement Gap
  - A district/school is identified as having an “achievement gap” if its gap size is substantially different from the average statewide gap in any subject area or subgroup
- Graduation Gap

	2018-2019 Score	Initial Category	Final Category Rule Impact	2021-2022 Score	Initial Category	Final Category Rule Impact
DHHS	86.3	1	Drop to level 2 Gap between HN and Non-HN in ELA/Math/Science & <95% participation for HN students	86.5	1	<b>Remain Level 1</b> <b>School of Distinction:</b> top 10% high performance; no outlier gaps between NonHN and HN students; Participation Rate > 95%
Polson	69.1	3	Drop to level 4 3 year growth HN ELA	72.5	2	<b>Continue in level 4 Focus:</b> 1 year credit ELA HN Growth (need 2 years) <b>Drop to Category 3</b> for outlier gap in all areas
Brown	72.4	2	Drop to level 4 3 year growth HN Math	78.2	2	<b>Continue in level 4 Focus:</b> 1 year credit HN Math growth (need 2 years)
Ryerson	92.3	1	Remain Level 1 <b>School of Distinction:</b> top 10% high performance; Participation Rate > 95%	97.5	1	<b>Remain Level 1</b> <b>School of Distinction:</b> top 10% high performance; Participation Rate > 95%
Jeffrey	83.4	2	Remain Level 2	100.0	1	<b>Remain Level 1</b> <b>School of Distinction:</b> top 10% high performance; Participation Rate > 95%

## 21-22 Score Highlights:

DHHS is in top 5 high schools in the state  
 Jeffrey is number 1 in state  
 Ryerson is number 3 in state



# Brown and Polson

- Polson has one year credit and if they are successful this year, they will be exited as a Focus School.
- Brown has one year credit and if they are successful this year, they will be exited as a Focus School.
- BOTH schools would have an additional credit if the 20-21 test administration counted.
- There will be no newly identified areas as Focus Schools.

Madison Public Schools <i>Smarter Balanced Growth</i>	Average Percentage of Target Achieved for Students with High Needs BY GRADE LEVEL & BUILDING							
	2017-18 ELA	2018-19 ELA	District Calculated Prediction 2020-21 ELA	2021-22 ELA	2017-18 MATH	2018-19 MATH	District Calculated Prediction 2020-21 MATH	2021-22 MATH
Average Brown	40.0%	48.4%	61.2% (does not count)	64.7%	46.2%	48.6%	54.1% (does not count)	62.7%
State Bottom 10% Threshold	50.12	47.46		51.75	49.86	49.58		55.91
CREDIT YEARS					Identified Year	0		+1
Average Polson	38.1%	46.9%	59.1% (does not count)	41.1%	73.0%	52.1%	61.2% (does not count)	46.7%
State Bottom 10% Threshold	43.08%	43.19%		42.86%	40.60%	40.32%		43.13%
CREDIT YEARS	Identified Year	+1		0				
Indicates below State BOTTOM 10% threshold score								

# Three Consecutive Years of Data...

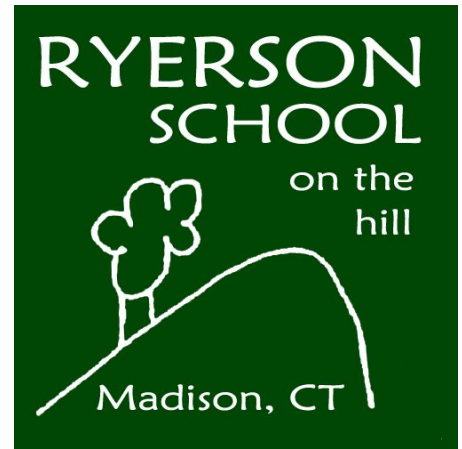
**Is examined each year to Identify New Focus Schools**

- collected in Math, ELA and Science for ALL students as well as the High Needs Subgroup
- K-8 schools will use growth scores (Indicators 2b and 2d) and
- HS the Subject Performance Index (SPI: Indicator 1) and for Science beginning in 23-24 SY.

**IF you are a Focus School (Category 4)**

- The school had 3 consecutive years of students in the High Needs subgroup in the bottom 10% of their group in Math, ELA or Science to be identified.
- Focus schools need to demonstrate 2 years of growth in 2 out of 3 years and have over 95% participation for all students including High Needs to exit.
- If they are re-identified in the next band, they are placed in Category 5

Indicator	Index/Rate	Target	Points Earned	Max Points	% Points Earned	State % Points Earned
1a. ELA Performance Index - All Students	80.7	75	100.0	100	100.0	85.6
1b. ELA Performance Index - High Needs Students	.	75	.	.	.	72.3
1c. Math Performance Index - All Students	75.5	75	100.0	100	100.0	78.2
1d. Math Performance Index - High Needs Students	.	75	.	.	.	63.6
1e. Science Performance Index - All Students	.	75	.	.	.	81.9
1f. Science Performance Index - High Needs Students	.	75	.	.	.	68.4
2a. ELA Academic Growth - All Students	.	100%	.	.	.	60.4
2b. ELA Academic Growth - High Needs Students	.	100%	.	.	.	56.2
2c. Math Academic Growth - All Students	.	100%	.	.	.	65.2
2d. Math Academic Growth - High Needs Students	.	100%	.	.	.	59.1
2e. Progress Toward English Proficiency - Literacy	.	100%	.	.	.	64.9
2f. Progress Toward English Proficiency - Oral	.	100%	.	.	.	57.4
4a. Chronic Absenteeism - All Students	5.2%	<=5%	49.5	50	99.1	25.1
4b. Chronic Absenteeism - High Needs Students	8.5%	<=5%	43.0	50	86.0	0.0
5. Preparation for CCR - Percent Taking Courses	.	75%	.	.	.	100.0
6. Preparation for CCR - Percent Passing Exams	.	75%	.	.	.	58.0
7. On-track to High School Graduation	.	94%	.	.	.	87.9
8. 4-year Graduation: All Students (2021 Cohort)	.	94%	.	.	.	95.3
9. 6-year Graduation: High Needs Students (2019 Cohort)	.	94%	.	.	.	90.6
10. Postsecondary Entrance (Graduating Class 2021)	.	75%	.	.	.	88.2
11. Physical Fitness (estimated participation rate = .)	.	75%	.	.	.	61.1
12. Arts Access	.	60%	.	.	.	87.4
Accountability Index	.	.	292.5	300	97.5	69.7



**2021-2022**  
**CSDE Accountability Index:**  
**97.5%**

**School Category: 1**  
***School of Distinction***

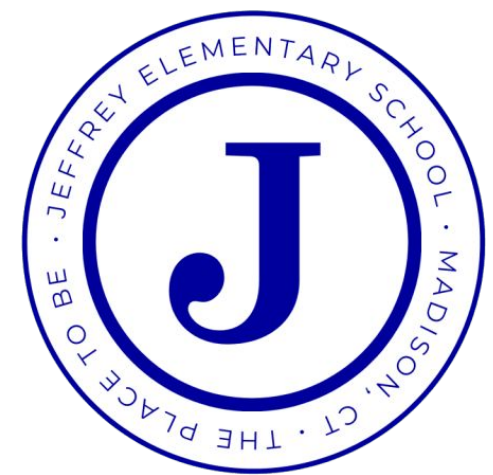


Gap Indicators					
Indicator	Non-High Needs Rate	High Needs Rate	Size of Gap	State Gap Mean +1 Stdev	Is Gap an Outlier?
ELA Performance Index Gap	75.0	.	.	16.6	
Math Performance Index Gap	75.0	.	.	18.5	
Science Performance Index Gap	.	.	.	17.9	
Graduation Rate Gap (2019 Cohort)	.	.	.	.	

Assessment Participation Rates	
Indicator	Participation Rate (%)
ELA - All Students	100.0
ELA - High Needs Students	.
Math - All Students	100.0
Math - High Needs Students	.



Indicator	Index/Rate	Target	Points Earned	Max Points	% Points Earned	State % Points Earned
1a. ELA Performance Index - All Students	80.6	75	100.0	100	100.0	85.6
1b. ELA Performance Index - High Needs Students	-	75	-	-	-	72.3
1c. Math Performance Index - All Students	77.9	75	100.0	100	100.0	78.2
1d. Math Performance Index - High Needs Students	-	75	-	-	-	63.6
1e. Science Performance Index - All Students	-	75	-	-	-	81.9
1f. Science Performance Index - High Needs Students	-	75	-	-	-	68.4
2a. ELA Academic Growth - All Students	-	100%	-	-	-	60.4
2b. ELA Academic Growth - High Needs Students	-	100%	-	-	-	56.2
2c. Math Academic Growth - All Students	-	100%	-	-	-	65.2
2d. Math Academic Growth - High Needs Students	-	100%	-	-	-	59.1
2e. Progress Toward English Proficiency - Literacy	-	100%	-	-	-	64.9
2f. Progress Toward English Proficiency - Oral	-	100%	-	-	-	57.4
4a. Chronic Absenteeism - All Students	2.3%	<=5%	50.0	50	100.0	25.1
4b. Chronic Absenteeism - High Needs Students	1.7%	<=5%	50.0	50	100.0	0.0
5. Preparation for CCR - Percent Taking Courses	-	75%	-	-	-	100.0
6. Preparation for CCR - Percent Passing Exams	-	75%	-	-	-	58.0
7. On-track to High School Graduation	-	94%	-	-	-	87.9
8. 4-year Graduation: All Students (2021 Cohort)	-	94%	-	-	-	95.3
9. 6-year Graduation: High Needs Students (2019 Cohort)	-	94%	-	-	-	90.6
10. Postsecondary Entrance (Graduating Class 2021)	-	75%	-	-	-	88.2
11. Physical Fitness (estimated participation rate = .)	-	75%	-	-	-	61.1
12. Arts Access	-	60%	-	-	-	87.4
<b>Accountability Index</b>	-	-	300.0	300	100.0	69.7



**2021-2022**  
**CSDE Accountability Index:**  
**100%**

**School Category: 1**  
***School of Distinction***



Gap Indicators					
Indicator	Non-High Needs Rate	High Needs Rate	Size of Gap	State Gap Mean +1 Stdev	Is Gap an Outlier?
ELA Performance Index Gap	75.0	-	-	16.6	
Math Performance Index Gap	75.0	-	-	18.5	
Science Performance Index Gap	-	-	-	17.9	
Graduation Rate Gap (2019 Cohort)	-	-	-	-	

Assessment Participation Rates	
Indicator	Participation Rate (%)
ELA - All Students	99.0
ELA - High Needs Students	100.0
Math - All Students	99.0
Math - High Needs Students	100.0



Indicator	Index/Rate	Target	Points Earned	Max Points	% Points Earned	State % Points Earned
1a. ELA Performance Index - All Students	81.4	75	50.0	50	100.0	85.6
1b. ELA Performance Index - High Needs Students	66.3	75	44.2	50	88.3	72.3
1c. Math Performance Index - All Students	76.1	75	50.0	50	100.0	78.2
1d. Math Performance Index - High Needs Students	59.3	75	39.5	50	79.0	63.6
1e. Science Performance Index - All Students	76.5	75	50.0	50	100.0	81.9
1f. Science Performance Index - High Needs Students	62.4	75	41.6	50	83.2	68.4
2a. ELA Academic Growth - All Students	76.9%	100%	76.9	100	76.9	60.4
2b. ELA Academic Growth - High Needs Students	64.7%	100%	64.7	100	64.7	56.2
2c. Math Academic Growth - All Students	76.3%	100%	76.3	100	76.3	65.2
2d. Math Academic Growth - High Needs Students	62.7%	100%	62.7	100	62.7	59.1
2e. Progress Toward English Proficiency - Literacy	.	100%	.	.	.	64.9
2f. Progress Toward English Proficiency - Oral	.	100%	.	.	.	57.4
4a. Chronic Absenteeism - All Students	4.9%	<=5%	50.0	50	100.0	25.1
4b. Chronic Absenteeism - High Needs Students	15.1%	<=5%	29.9	50	59.7	0.0
5. Preparation for CCR - Percent Taking Courses	.	75%	.	.	.	100.0
6. Preparation for CCR - Percent Passing Exams	.	75%	.	.	.	58.0
7. On-track to High School Graduation	.	94%	.	.	.	87.9
8. 4-year Graduation: All Students (2021 Cohort)	.	94%	.	.	.	95.3
9. 6-year Graduation: High Needs Students (2019 Cohort)	.	94%	.	.	.	90.6
10. Postsecondary Entrance (Graduating Class 2021)	.	75%	.	.	.	88.2
11. Physical Fitness (estimated participation rate = 100.0%)	43.2%	75%	28.8	50	57.6	61.1
12. Arts Access	.	60%	.	.	.	87.4
<b>Accountability Index</b>	.		664.6	850	<b>78.2</b>	69.7



**2021-2022**  
**CSDE Accountability Index:**  
**78.2%**

**School Category: 4**  
**Focus**

Gap Indicators					
Indicator	Non-High Needs Rate	High Needs Rate	Size of Gap	State Gap Mean +1	Is Gap an Outlier?
ELA Performance Index Gap	75.0	66.3	8.7	16.6	N
Math Performance Index Gap	75.0	59.3	15.7	18.5	N
Science Performance Index Gap	75.0	62.4	12.6	17.9	N
Graduation Rate Gap (2019 Cohort)	.	.	.	.	

Assessment Participation Rates	
Indicator	Participation Rate (%)
ELA - All Students	99.1
ELA - High Needs Students	96.0
Math - All Students	99.1
Math - High Needs Students	96.0
Science - All Students	98.2
Science - High Needs Students	91.7





**2021-2022**  
**CSDE Accountability Index:**  
**72.5%**

**School Category: 4**  
**Focus**

Indicator	Index/Rate	Target	Points Earned	Max Points	% Points Earned	State % Points Earned
1a. ELA Performance Index - All Students	75.3	75	50.0	50	100.0	85.6
1b. ELA Performance Index - High Needs Students	57.3	75	38.2	50	76.5	72.3
1c. Math Performance Index - All Students	75.1	75	50.0	50	100.0	78.2
1d. Math Performance Index - High Needs Students	55.2	75	36.8	50	73.6	63.6
1e. Science Performance Index - All Students	72.2	75	48.1	50	96.2	81.9
1f. Science Performance Index - High Needs Students	50.5	75	33.7	50	67.4	68.4
2a. ELA Academic Growth - All Students	55.8%	100%	55.8	100	55.8	60.4
2b. ELA Academic Growth - High Needs Students	41.1%	100%	41.1	100	41.1	56.2
2c. Math Academic Growth - All Students	69.1%	100%	69.1	100	69.1	65.2
2d. Math Academic Growth - High Needs Students	46.7%	100%	46.7	100	46.7	59.1
2e. Progress Toward English Proficiency - Literacy	-	100%	-	-	-	64.9
2f. Progress Toward English Proficiency - Oral	-	100%	-	-	-	57.4
4a. Chronic Absenteeism - All Students	4.8%	<=5%	50.0	50	100.0	25.1
4b. Chronic Absenteeism - High Needs Students	7.7%	<=5%	44.6	50	89.2	0.0
5. Preparation for CCR - Percent Taking Courses	-	75%	-	-	-	100.0
6. Preparation for CCR - Percent Passing Exams	-	75%	-	-	-	58.0
7. On-track to High School Graduation	97.3%	94%	50.0	50	100.0	87.9
8. 4-year Graduation: All Students (2021 Cohort)	-	94%	-	-	-	95.3
9. 6-year Graduation: High Needs Students (2019 Cohort)	-	94%	-	-	-	90.6
10. Postsecondary Entrance (Graduating Class 2021)	-	75%	-	-	-	88.2
11. Physical Fitness (estimated participation rate = 100.0%)	58.0%	75%	38.7	50	77.3	61.1
12. Arts Access	-	60%	-	-	-	87.4
Accountability Index	-	-	652.9	900	72.5	69.7

#### Gap Indicators

Indicator	Non-High Needs Rate	High Needs Rate	Size of Gap	State Gap Mean +1 Stdev	Is Gap an Outlier?
ELA Performance Index Gap	75.0	57.3	17.7	16.6	Y
Math Performance Index Gap	75.0	55.2	19.8	18.5	Y
Science Performance Index Gap	75.0	50.5	24.5	17.9	Y
Graduation Rate Gap (2019 Cohort)	-	-	-	-	

#### Assessment Participation Rates

Indicator	Participation Rate (%)
ELA - All Students	98.2
ELA - High Needs Students	95.4
Math - All Students	98.2
Math - High Needs Students	95.4
Science - All Students	96.9
Science - High Needs Students	94.7



Indicator	Index/Rate	Target	Points Earned	Max Points	% Points Earned	State % Points Earned
1a. ELA Performance Index - All Students	64.9	75	129.7	150	86.5	85.6
1b. ELA Performance Index - High Needs Students	54.1	75	108.2	150	72.1	72.3
1c. Math Performance Index - All Students	66.8	75	133.6	150	89.1	78.2
1d. Math Performance Index - High Needs Students	55.8	75	111.6	150	74.4	63.6
1e. Science Performance Index - All Students	62.0	75	82.6	100	82.6	81.9
1f. Science Performance Index - High Needs Students	52.4	75	69.8	100	69.8	68.4
2a. ELA Academic Growth - All Students	.	100%	.	.	.	60.4
2b. ELA Academic Growth - High Needs Students	.	100%	.	.	.	56.2
2c. Math Academic Growth - All Students	.	100%	.	.	.	65.2
2d. Math Academic Growth - High Needs Students	.	100%	.	.	.	59.1
2e. Progress Toward English Proficiency - Literacy	.	100%	.	.	.	64.9
2f. Progress Toward English Proficiency - Oral	.	100%	.	.	.	57.4
4a. Chronic Absenteeism - All Students	3.2%	<=5%	50.0	50	100.0	25.1
4b. Chronic Absenteeism - High Needs Students	10.8%	<=5%	38.5	50	76.9	0.0
5. Preparation for CCR - Percent Taking Courses	82.3%	75%	50.0	50	100.0	100.0
6. Preparation for CCR - Percent Passing Exams	69.2%	75%	46.2	50	92.3	58.0
7. On-track to High School Graduation	97.0%	94%	50.0	50	100.0	87.9
8. 4-year Graduation: All Students (2021 Cohort)	99.3%	94%	100.0	100	100.0	95.3
9. 6-year Graduation: High Needs Students (2019 Cohort)	95.6%	94%	100.0	100	100.0	90.6
10. Postsecondary Entrance (Graduating Class 2021)	87.0%	75%	100.0	100	100.0	88.2
11. Physical Fitness (estimated participation rate = 99.5%)	50.9%	75%	34.0	50	67.9	61.1
12. Arts Access	66.7%	60%	50.0	50	100.0	87.4
Accountability Index	.		1254.2	1450	86.5	69.7



**2021-2022**  
**CSDE Accountability Index:**  
**86.5%**

**School Category: 1**  
***School of Distinction***



#### Gap Indicators

Indicator	Non-High Needs Rate	High Needs Rate	Size of Gap	State Gap Mean +1 Stdev	Is Gap an Outlier?
ELA Performance Index Gap	67.1	54.1	13.0	16.6	N
Math Performance Index Gap	69.1	55.8	13.3	18.5	N
Science Performance Index Gap	64.0	52.4	11.6	17.9	N
Graduation Rate Gap (2019 Cohort)	94.0	95.6	-1.6	4.8	N

#### Assessment Participation Rates

Indicator	Participation Rate (%)
ELA - All Students	98.2
ELA - High Needs Students	100.0
Math - All Students	98.2
Math - High Needs Students	100.0
Science - All Students	96.3
Science - High Needs Students	97.3