Brookfield Public Schools
Next-Generation Accountability Report
2017-18

March 2019

Next Generation Accountability Report

- [Video](#)

An Introduction to Connecticut's
Next Generation Accountability System

CSDE

CONNECTICUT STATE DEPARTMENT OF EDUCATION

Accountability Systems Serve Important Purposes

- Track progress
- Help schools and districts make improvements
- Show where support is needed most
- Recognize successes
- Promote transparency
- Satisfy federal and state requirements

Connecticut Next Generation Accountability System for Districts and Schools

- Provides a more complete picture of a school or district

- Guards against narrowing of the curriculum to the tested subjects

- Expands ownership of accountability to all staff

- Allows schools to demonstrate progress on "outcome pre-cursors"

- Encourages leaders to view accountability results not as a "gotcha" but as a tool to guide and track improvement efforts

- Developed by CT Department of Education with extensive feedback from district and school leaders, Connecticut educators, state and national experts, CSDE staff, and many others.

What are the 12 Indicators?

1. Academic achievement (Performance Index) [H]
2. Academic growth [H]
3. Assessment participation rate [H]
4. Chronic absenteeism [H]
5. Preparation for postsecondary and career readiness – coursework
6. Preparation for postsecondary and career readiness – exams
7. Graduation – on track in ninth grade
8. Graduation – four-year adjusted cohort
9. Graduation – six-year adjusted cohort [H]
10. Postsecondary Entrance Rate
11. Physical fitness
12. Arts access

[H] Separate set of points allotted for "High Needs" (students from low-income families, English learners (ELs), or students with disabilities)

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Indicator	Index/Rate	Target	Points Earned	Max Points	% Points Earned	State Average % Points Earned
1a. ELA Performance Index - All Students	73.1	75	48.7	50	97.5	90.1
1b. ELA Performance Index - High Needs Students	62.6	75	41.7	50	83.5	76.7
1c. Math Performance Index - All Students	68.9	75	45.9	50	91.8	83.6
1d. Math Performance Index - High Needs Students	57.2	75	38.2	50	76.3	69.3
1e. Science Performance Index - All Students	.	75	.	.	.	.
1f. Science Performance Index - High Needs Students	.	75	.	.	.	.
2a. ELA Academic Growth - All Students	63.1%	100%	63.1	100	63.1	60.7
2b. ELA Academic Growth - High Needs Students	60.0%	100%	60.0	100	60.0	55.6
2c. Math Academic Growth - All Students	67.2%	100%	67.2	100	67.2	61.9
2d. Math Academic Growth - High Needs Students	54.5%	100%	54.5	100	54.5	55.4
4a. Chronic Absenteeism - All Students	4.7%	<=5%	50.0	50	100.0	77.2
4b. Chronic Absenteeism - High Needs Students	8.3%	<=5%	43.4	50	86.9	53.6
5. Preparation for CCR - Percent Taking Courses	90.9%	75%	50.0	50	100.0	99.7
6. Preparation for CCR - Percent Passing Exams	67.8%	75%	45.2	50	90.4	59.7
7. On-track to High School Graduation	97.4%	94%	50.0	50	100.0	93.1
8. 4-year Graduation: All Students (2017 Cohort)	96.1%	94%	100.0	100	100.0	93.5
9. 6-year Graduation: High Needs Students (2015 Cohort)	85.1%	94%	90.5	100	90.5	87.0
10. Postsecondary Entrance (Graduating Class 2017)	85.5%	75%	100.0	100	100.0	94.5
11. Physical Fitness (estimated participation rate = 90.3%)	53.1%	75%	35.4	50	70.8	66.8
12. Arts Access	59.7%	60%	49.8	50	99.5	85.3
Accountability Index	.		1033.7	1250	82.7	74.9

- Indicator 3 is the participation rate.

Achievement and Graduation Rate Gaps

- 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

- A district/school is identified as having a "graduation gap" if its gap size is substantially different from the average statewide gap

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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	62.6	12.4	15.9	N
Math Performance Index Gap	73.8	57.2	16.5	18.2	N
Science Performance Index Gap	.	.	.	.	
Graduation Rate Gap (2015 Cohort)	94.0	85.1	8.9	12.7	N

If the Non-High Needs Rate exceeds the ultimate target (75 for Performance Index and 94% for Graduation Rate), the ultimate target is used for gap calculations.
If the size of the gap exceeds the state mean gap plus one standard deviation, the gap is an outlier.

Assessment Participation Rates

Indicator	Participation Rate (%)
ELA - All Students	94.5
ELA - High Needs Students	91.7
Math - All Students	94.3
Math - High Needs Students	91.7
Science - All Students	93.9
Science - High Needs Students	91.4

Minimum participation standard is 95%.

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School Name	Accountability Index	Any Participation below 95%?	Achievement Gap?	Graduation Rate Gap?	Category
Center Elementary School	91.8	N/A	N/A	N/A	N/A
Huckleberry Hill Elementary	74.8	No	No	N/A	2
Whisconier Middle School	72.7	Yes	No	N/A	3
Brookfield High School	86.4	Yes	No	No	2
DISTRICT	82.7	Yes	No	No	

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School Name	Accountability Index 15-16/16-17/17-18	Any Participation below 95%? 15-16/16-17/17-18	Achievement Gap? 15-16/16-17/17-18	Graduation Rate Gap? 15-16/16-17/17-18	
Huckleberry Elementary School	77.5/76.7/74.8	Yes/No/No	No/No/No	NA	
Whisconier Middle School	75.8/75.4/72.7	Yes/Yes/Yes	Yes/Yes/No	NA	
Brookfield High School	86.5/85.7/86.4	Yes/Yes/Yes	Yes/Yes/No	No/No/No	
District	**83.4/83.0/82.7**	**Yes/Yes/Yes**	**No/No/No**	**No/No/No**	

2017-18 CT SDE Next Generation Accountability Index			
DISTRICT (DRG B)	**Score**	**Rank/DRG B**	**Difference from Top**
Greenwich	87.8	1	
Guilford	87.6	2	-0.2
District 5	87.2	3	-0.6
New Fairfield	86.2	4	-1.6
Farmington	85.8	5	-2
Avon	85.6	6	-2.2
Trumbull	85.1	7	-2.7
Simsbury	84.8	8	-3
Cheshire	83.6	9	-4.2
Fairfield	83.5	10	-4.3
Granby	83	11	-4.8
Brookfield	**82.7**	**12**	**-5.1**
Glastonbury	82.5	13	-5.3
Madison	82.4	14	-5.4
South Windsor	82.4	15	-5.4
Newtown	81.7	16	-6.1
Monroe	81.1	17	-6.7
West Hartford	80.8	18	-7
District 15	80.4	19	-7.4
Woodbridge	78.8	20	-9
Orange	78.4	21	-9.4

Mean: 83.4

Median: 83

Mode: 82.4

Brookfield: Needs Assessment

	Strengths	Opportunities
Academics: Design and implement a rigorous and engaging academic program that allows all students to achieve at high levels, including aligned curricula, instruction, and assessments	• Curriculum Revision • Invested in Curricular Tools • Early Literacy Skills • Professional Learning • Strategic Coherence Plan	• NGSS Curricular Tool purchasing plan • NGSS Professional Learning • ST Math Plan • Word Analysis Curriculum/Tools for grades 4 & 5
Talent: Employ systems and strategies to recruit, hire, develop, evaluate, and retain excellent school leaders, teachers, and support staff.	• Professional Learning • Collegial Calibrations • Walkthrough Plan • HR Director • Onboarding Process • Administrator Reorganization • Special Education Reorganization	• Discussion of: Visual & Performing Arts and Civic & Community Partnership leadership position • Tutors

Brookfield: Needs Assessment

	Strengths	Opportunities
Culture and Climate: Foster a positive learning environment that supports high-quality teaching and learning, and engages families and the community as partners in the educational process.	• Social and Emotional Learning with RULER • Creating Trauma Sensitive Schools training • Collaborating with Brookfield early learning professionals • Rachel's Challenge and Kindness Initiatives • Unified Sports	• Parent University • Participation in Assessment
Operations: Create systems and processes that promote organizational efficiency and effectiveness, including through the use of time and financial resources.	• Munis • Time and Attendance System • New School project • New School Configuration • Employee Self-Serve portal	• Breakfast Program • Small "r" regionalization for efficiencies of purchasing, transportation, etc.