

Bolton Public Schools

Next-Generation Accountability Report

2015-16

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Purpose of an Accountability System

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

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)

Index Scores

Accountability Index

- The percentage of total possible points earned on all available indicators

Performance Index

- The subject-specific index scores derived from state assessment results
(Indicator 1 - English Language Arts, Math, Science)

Bolton Public Schools District Report, 2015-16

| No: | Indicator | Index/ Rate | Target | Points Earned | Max Points | % Points Earned | State Avg Index/Rate | | |
|-----------------------------|---|-------------|--------|---------------|------------|-----------------|----------------------|-------|-------|
| 1a. | ELA Performance Index – All Students | 76.4 | 75 | 50.0 | 50 | 100.0% | 67.7 | | |
| 1b. | ELA Performance Index – High Needs Students | 63.3 | 75 | 42.2 | 50 | 84.5% | 56.7 | | |
| 1c. | Math Performance Index – All Students | 69.9 | 75 | 46.6 | 50 | 93.2% | 61.4 | | |
| 1d. | Math Performance Index – High Needs Students | 55.9 | 75 | 37.3 | 50 | 74.5% | 49.9 | | |
| 1e. | Science Performance Index – All Students | 62.5 | 75 | 41.7 | 50 | 83.4% | 57.5 | | |
| 1f. | Science Performance Index – High Needs Students | 49.3 | 75 | 32.9 | 50 | 65.8% | 47.0 | | |
| 2a. | ELA Avg. Percentage of Growth Target Achieved- All Students | 75.3% | 100 | 75.3 | 100 | 75.3% | 63.8% | | |
| 2b. | ELA Avg. Percentage of Growth Target Achieved- High Needs Students | 56.6% | 100 | 56.6 | 100 | 56.6% | 58.3% | | |
| 2c. | Math Avg. Percentage of Growth Target Achieved- All Students | 71.0% | 100 | 71.0 | 100 | 71.0% | 65.0% | | |
| 2d. | Math Avg. Percentage of Growth Target Achieved- High Needs Students | 72.3% | 100 | 72.3 | 100 | 72.3% | 57.4% | | |
| 4a. | Chronic Absenteeism – All Students | 3.3% | <=5% | 50.0 | 50 | 100.0% | 9.6% | | |
| 4b. | Chronic Absenteeism – High Needs Students | 10.3% | <=5% | 39.4 | 50 | 78.8% | 15.6% | | |
| 5 | Preparation for CCR – % taking courses | 95.5% | 75% | 50.0 | 50 | 100.0% | 67.6% | | |
| 6 | Preparation for CCR – % passing exams | 54.8% | 75% | 36.6 | 50 | 73.1% | 40.7% | | |
| 7 | On-track to High School Graduation | 98.4% | 94% | 50.0 | 50 | 100.0% | 85.1% | | |
| 8 | 4-year Graduation All Students (2014 Cohort) | 96.1% | 94% | 100.0 | 100 | 100.0% | 87.2% | | |
| 9 | 6-year Graduation - High Needs Students (2012 Cohort) | 86.4% | 94% | 91.9 | 100 | 91.9% | 78.6% | | |
| 10 | Postsecondary Entrance (Class of 2014) | 80.8% | 75% | 100.0 | 100 | 100.0% | 71.9% | | |
| 11 | Physical Fitness (estimated part rate) and (fitness rate) | 94.7% | 54.1% | 75% | 36.1 | 50 | 72.1% | 89.2% | 50.5% |
| 12 | Arts Access | 54.0% | 60% | 45.0 | 50 | 90.0% | 47.5% | | |
| Accountability Index | | | | 1124.8 | 1350 | 83.3% | | | |

- Indicator 2 (Growth) will be included with 2015-16 results.
- Indicator 3 is the participation rate.

Bolton District: 2014-15 to 2015-16

| No: | Indicator | 2014-15 | 2015-16 | |
|-----|--|---------|---------|-----|
| 1a. | ELA Performance Index – All Students | 100.0% | 100.0% | ** |
| 1b. | ELA Performance Index – High Needs Students | 83.1% | 84.5% | ** |
| 1c. | Math Performance Index – All Students | 91.1% | 93.2% | + |
| 1d. | Math Performance Index – High Needs Students | 69.7% | 74.5% | + |
| 1e. | Science Performance Index – All Students | 83.2% | 83.4% | ○ |
| 1f. | Science Performance Index – High Needs Students | 65.5% | 65.8% | ○ |
| 2a. | ELA Avg. Percentage of Growth Target Achieved – All Students | | 75.3% | N/A |
| 2b. | ELA Avg. Percentage of Growth Target Achieved – High Needs Students | | 56.6% | N/A |
| 2c. | Math Avg. Percentage of Growth Target Achieved – All Students | | 71.0% | N/A |
| 2d. | Math Avg. Percentage of Growth Target Achieved – High Needs Students | | 72.3% | N/A |
| 4a. | Chronic Absenteeism – All Students | 97.5% | 100.0% | + |
| 4b. | Chronic Absenteeism – High Needs Students | 51.7% | 78.8% | + |
| 5 | Preparation for CCR – % taking courses | 100.0% | 100.0% | ○ |
| 6 | Preparation for CCR – % passing exams | 65.1% | 73.1% | + |
| 7 | On-track to High School Graduation | 100.0% | 100.0% | ○ |
| 8 | 4-year Graduation All Students | 100.0% | 100.0% | ○ |
| 9 | 6-year Graduation - High Needs Students | N/A | 91.9% | * |
| 10 | Postsecondary Entrance | 100.0% | 100.0% | ○ |
| 11 | Physical Fitness | 82.0% | 72.1% | ▭ |
| 12 | Arts Access | 86.7% | 90.0% | + |

Change between ±1 percentage point is indicated as ○

**ELA results are not comparable because the 2015-16 results do not include the Performance Task

BHS: 2014-15 to 2015-16

| No: | Indicator | 2014-15 | 2015-16 | |
|-----|--|---------|---------|-----|
| 1a. | ELA Performance Index – All Students | 100.0% | 100.0% | ** |
| 1b. | ELA Performance Index – High Needs Students | 83.1% | 84.5% | ** |
| 1c. | Math Performance Index – All Students | 91.1% | 93.2% | + |
| 1d. | Math Performance Index – High Needs Students | 69.7% | 74.5% | + |
| 1e. | Science Performance Index – All Students | 83.2% | 83.4% | ○ |
| 1f. | Science Performance Index – High Needs Students | 65.5% | 65.8% | ○ |
| 2a. | ELA Avg. Percentage of Growth Target Achieved – All Students | | 75.3% | N/A |
| 2b. | ELA Avg. Percentage of Growth Target Achieved – High Needs Students | | 56.6% | N/A |
| 2c. | Math Avg. Percentage of Growth Target Achieved – All Students | | 71.0% | N/A |
| 2d. | Math Avg. Percentage of Growth Target Achieved – High Needs Students | | 72.3% | N/A |
| 4a. | Chronic Absenteeism – All Students | 97.5% | 100.0% | + |
| 4b. | Chronic Absenteeism – High Needs Students | 51.7% | 78.8% | + |
| 5 | Preparation for CCR – % taking courses | 100.0% | 100.0% | ○ |
| 6 | Preparation for CCR – % passing exams | 65.1% | 73.1% | + |
| 7 | On-track to High School Graduation | 100.0% | 100.0% | ○ |
| 8 | 4-year Graduation All Students | 100.0% | 100.0% | ○ |
| 9 | 6-year Graduation - High Needs Students | N/A | 91.9% | * |
| 10 | Postsecondary Entrance | 100.0% | 100.0% | ○ |
| 11 | Physical Fitness | 82.0% | 72.1% | ▭ |
| 12 | Arts Access | 86.7% | 90.0% | + |

Change between ±1 percentage point is indicated as ○

**ELA results are not comparable because the 2015-16 results do not include the Performance Task

Bolton Public Schools District Report, 2015-16 (continued)

| Gap Indicators | Non-High Needs Rate* | High Needs Rate | Size of Gap | State Gap Mean + 1 Stdev** | Is Gap an Outlier? |
|-----------------------------------|----------------------|-----------------|-------------|----------------------------|--------------------|
| Achievement Gap Size Outlier? | | | | | Y |
| ELA Performance Index Gap | 75.0 | 63.3 | 11.7 | 16.5 | |
| Math Performance Index Gap | 74.9 | 55.9 | 19.0 | 18.9 | |
| Science Performance Index Gap | 67.1 | 49.3 | 17.7 | 17.2 | |
| Graduation Rate Gap (2013 Cohort) | 94.0% | 86.4% | 7.6% | 15.3% | N |

| Participation Rate | Rate |
|-------------------------------|-------|
| ELA – All Students | 97.9% |
| ELA – High Needs Students | 99.1% |
| Math – All Students | 97.9% |
| Math – High Needs Students | 99.1% |
| Science – All Students | 98.5% |
| Science – High Needs Students | 96.2% |

*If the Non-High Needs Rate exceeds the ultimate target (75 for Performance Index and 94% for graduation rate), then the ultimate target is displayed and used for gap calculations.

**If size of gap exceeds the state mean gap plus one standard deviation, then the gap is an outlier.

School Reports, 2015-16

| School Name | Accountability Index | Any Participation below 95%? | Achievement Gap? | Graduation Rate Gap? | Category |
|--------------------|----------------------|------------------------------|------------------|----------------------|----------|
| Bolton Center | 78.6% | No | No | N/A | 2 |
| Bolton High School | 87.7% | No | No | No | 1 |

Recognition

15-16 District Focus: Decrease Achievement Gap - [Achieved](#)

Bolton High School

- **School of Distinction** - Highest overall performance
(2nd year in a row)

Bolton Center School

- **ELA and Math Performance** - Percentage Points Earned increased for all categories of students

Moving Forward: Bolton Strategic Priorities

District Goals

1. All students will apply **critical thinking** to the construction and critique of arguments.
2. All students will read, write, produce and speak grounded in evidence for a variety of purposes and audiences and utilize **collaboration** and **digital literacy skills** to enhance **communication**.
3. All students will use a variety of research tools to access, **evaluate**, **synthesize**, and **apply** information effectively.
4. All students will see **problems as opportunities**, approaching twenty-first century challenges with ethical leadership, boldness, creativity, and responsible citizenship.

Math - Continued PD
(Supports Goals 1-4)

Science - NGSS roll-out
(Supports Goals 1-4)

PE - Scheduling adjustment
(Supports Goal 4)

Additional Resources

Web site: www.sde.ct.gov
Select “Performance Office”

The screenshot shows the website for the Connecticut State Department of Education's Performance Office. At the top, it features the state logo and the text 'CONNECTICUT STATE DEPARTMENT OF EDUCATION'. A navigation bar includes links for Home, About Us, Forms & Publications, Calendar, and Contact Us. On the left, there is a profile for Dianna Wentzell, Commissioner, and a list of categories: Teachers & Administrators, Parents & Community, Students, Adult Education, and School & District. Below these are logos for Connecticut Core Standards, EdSight, Alliance Districts, Commissioner's Network, SEED, Student Success Plan, and Career Opportunities. The main content area is titled 'Performance Office' and features a collage of images: a group of students, a bar chart, a hand typing on a keyboard, and a school building. To the right of the collage is a vertical menu with red buttons for 'Data Collection', 'Student Assessment', 'Performance & Accountability', 'Reports & Research', and 'FAQ'. A blue arrow points to the 'Performance & Accountability' button. Below the collage, the mission statement reads: 'Mission: Improve student outcomes through the use of data'.

Additional Resources

- Detailed PowerPoint presentation
- Using Accountability Results to Guide Improvement