

# Mansfield Public Schools

## Next-Generation Accountability Report

### 2017-2018

March 14, 2019

# Index Scores

Performance Index scores and Accountability Index calculated for District and Each School.

- **Performance Index:** Scores derived from state assessment results (Indicator 1).
  - Subject-specific (English Language Arts, Math, Science)
- **Accountability Index:** Percentage of total possible points earned on all available indicators.

# Mansfield Accountability Report 2017-18

| Indicator  | Index/Rate | Target | Points Earned | Max Points | % Points Earned | State Average<br>% Points Earned |
|--|------------|--------|---------------|------------|-----------------|----------------------------------|
| 1a. ELA Performance Index - All Students                     | 80.3       | 75     | 50.0          | 50         | 100.0           | 90.1                             |
| 1b. ELA Performance Index - High Needs Students              | 69.6       | 75     | 46.4          | 50         | 92.8            | 76.7                             |
| 1c. Math Performance Index - All Students                    | 76.3       | 75     | 50.0          | 50         | 100.0           | 83.6                             |
| 1d. Math Performance Index - High Needs Students             | 66.7       | 75     | 44.5          | 50         | 88.9            | 69.3                             |
| 1e. Science Performance Index - All Students                 | .          | 75     | .             | .          | .               | .                                |
| 1f. Science Performance Index - High Needs Students          | .          | 75     | .             | .          | .               | .                                |
| 2a. ELA Academic Growth - All Students                       | 65.8%      | 100%   | 65.8          | 100        | 65.8            | 60.7                             |
| 2b. ELA Academic Growth - High Needs Students                | 55.0%      | 100%   | 55.0          | 100        | 55.0            | 55.6                             |
| 2c. Math Academic Growth - All Students                      | 66.4%      | 100%   | 66.4          | 100        | 66.4            | 61.9                             |
| 2d. Math Academic Growth - High Needs Students               | 60.0%      | 100%   | 60.0          | 100        | 60.0            | 55.4                             |
| 4a. Chronic Absenteeism - All Students                       | 4.6%       | <=5%   | 50.0          | 50         | 100.0           | 77.2                             |
| 4b. Chronic Absenteeism - High Needs Students                | 7.6%       | <=5%   | 44.8          | 50         | 89.5            | 53.6                             |
| 5. Preparation for CCR - Percent Taking Courses              | .          | 75%    | .             | .          | .               | 99.7                             |
| 6. Preparation for CCR - Percent Passing Exams               | .          | 75%    | .             | .          | .               | 59.7                             |
| 7. On-track to High School Graduation                        | 84.6%      | 94%    | 45.0          | 50         | 90.0            | 93.1                             |
| 8. 4-year Graduation: All Students (2017 Cohort)             | .          | 94%    | .             | .          | .               | 93.5                             |
| 9. 6-year Graduation: High Needs Students (2015 Cohort)      | .          | 94%    | .             | .          | .               | 87.0                             |
| 10. Postsecondary Entrance (Graduating Class 2017)           | .          | 75%    | .             | .          | .               | 94.5                             |
| 11. Physical Fitness (estimated participation rate = 97.7% ) | 65.9%      | 75%    | 43.9          | 50         | 87.8            | 66.8                             |
| 12. Arts Access  | .          | 60%    | .             | .          | .               | 85.3                             |
| <b>Accountability Index</b>                                  | .          |        | 621.8         | 800        | <b>77.7</b>     | <b>74.9</b>                      |

# Accountability Report 2017-18 (continued)

| Gap Indicators                    | 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                | 69.6            | 5.4         | 15.9                       | N                  |
| Math Performance Index Gap        | 75.0                | 66.7            | 8.3         | 18.2                       | N                  |
| Science Performance Index Gap     |                     |                 |             |                            |                    |
| Graduation Rate Gap (2015 Cohort) |                     |                 |             |                            |                    |

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

Indicator compares performance of non-high needs students with performance of high needs subgroup. A gap outlier is identified when the difference is one standard deviation greater than the State gap mean. Mansfield does not have a gap outlier. Gap decreased from last year in ELA (7.7) and in Math (8.6).

# Indicator 1 Performance Index

| No: | Indicator                                       | Index/<br>Rate | Target | Points<br>Earned | Max<br>Points | % Points<br>Earned | <i>State Avg<br/>Index/Rate</i> |
|-----|---|----------------|--------|------------------|---------------|--------------------|---------------------------------|
| 1a. | ELA Performance Index – All Students            | 80.3           | 75     | 50.0             | 50            | 100%               | 90.1                            |
| 1b. | ELA Performance Index – High Needs Students     | 69.6           | 75     | 46.4             | 50            | 92.8%              | 76.7                            |
| 1c. | Math Performance Index – All Students           | 76.3           | 75     | 50.0             | 50            | 100.0%             | 83.6                            |
| 1d. | Math Performance Index – High Needs Students    | 66.7           | 75     | 44.5             | 50            | 88.9%              | 69.3                            |
| 1e. | Science Performance Index – All Students        |                | 75     |                  |               |                    |                                 |
| 1f. | Science Performance Index – High Needs Students |                | 75     |                  |               |                    |                                 |

Each subject index is a calculation of all student scores on the State assessments in that area. High needs includes English language learners, students with disabilities, and those eligible for free or reduced meals.

# Indicator 2 Growth Indicator

| No: | Indicator  | Index/ Rate | Target | Points Earned | Max Points | % Points Earned | State Avg Index/Rate |
|-----|--|-------------|--------|---------------|------------|-----------------|----------------------|
| 2a. | ELA Avg. Percentage of Growth Target Achieved – All Students         | 65.8%       | 100    | 65.8          | 100        | 65.8            | 60.7                 |
| 2b. | ELA Avg. Percentage of Growth Target Achieved – High Needs Students  | 55.0%       | 100    | 55.0          | 100        | 55.0            | 55.6                 |
| 2c. | Math Avg. Percentage of Growth Target Achieved – All Students        | 66.4%       | 100    | 66.4          | 100        | 66.4            | 61.9                 |
| 2d. | Math Avg. Percentage of Growth Target Achieved – High Needs Students | 60.0%       | 100    | 60.0          | 100        | 60.0            | 55.4                 |

Indicator is a calculation of the average percentage of growth achieved by students.

# Indicator 3 Participation

| Participation Rate            | Rate  |
|-------------------------------|-------|
| ELA – All Students            | 95.9% |
| ELA – High Needs Students     | 97.3% |
| Math – All Students           | 95.3% |
| Math – High Needs Students    | 96.7% |
| Science – All Students        | 95.1% |
| Science – High Needs Students | 95.4% |

- This does not contribute to the **Accountability Index** but impacts school classification.
- Schools of Distinction must meet the 95% standard for *All Students* and *High Needs Students* in all content areas.
- Participation rates in ELA and Math are about the same as last year. Participation rates in Science decreased (97.1; 97.2).
- Participation rates for all students across all subjects were greater than 95% for the district as a whole.

# Indicator 4 Chronic Absenteeism

| No. | Indicator                                 | Index/Rate | Target | Points Earned | Max Points | % Points Earned | State Avg Index/Rate |
|-----|---|------------|--------|---------------|------------|-----------------|----------------------|
| 4a. | Chronic Absenteeism – All Students        | 4.6%       | <=5%   | 50            | 50         | 100%            | 77.2                 |
| 4b. | Chronic Absenteeism – High Needs Students | 7.6%       | <=5%   | 44.8          | 50         | 89.5%           | 53.6                 |

- Chronic absenteeism is the percentage of students missing 10% or greater of the total number of days enrolled in the school year for any reason.
- Full points awarded if the chronic absenteeism rate is 5% or lower. No points awarded if rate is 30% or greater.
- Mansfield’s absentee rate is about the same for all students (4.4%) and has slightly increased for high needs students (7.0%).

# Indicators 5 and 6 are for High Schools Only

| No: | Indicator                              | Index/ Rate | Target | Points Earned | Max Points | % Points Earned | <i>State Avg Index/Rate</i> |
|-----|--|-------------|--------|---------------|------------|-----------------|-----------------------------|
| 5   | Preparation for CCR – % taking courses | NA          | 75%    | 0.0           | 0          | 0               | 99.7%                       |
| 6   | Preparation for CCR – % passing exams  | NA          | 75%    | 0.0           | 0          | 0               | 59.7%                       |

Indicators reflect preparation for college and career readiness (CCR). Points are awarded for students taking two or more college level courses in their high school career and for their performance in those courses.

# Indicator 7 On-Track Graduation Rate

| No: | Indicator                          | Index/<br>Rate | Target | Points<br>Earned | Max<br>Points | % Points<br>Earned | <i>State Avg<br/>Index/Rate</i> |
|-----|------------------------------------|----------------|--------|------------------|---------------|--------------------|---------------------------------|
| 7   | On-track to High School Graduation | 84.6%          | 94%    | 45.0             | 50            | 90%                | 93.1                            |

- Identifies students on-track for graduation if they earn at least five full-year course credits and no more than one semester F in a core course in **ninth grade**.
- Target is 94%.
- Ninth grade performance is credited both to the high school and back to the school the student attended for grade 8.
- Index in 2016-17 was 91.1%.

# Indicators 8 and 9 Four and Six Year Graduation Rates

| No: | Indicator   | Index/<br>Rate | Target | Points<br>Earned | Max<br>Points | % Points<br>Earned | <i>State Avg<br/>Index/Rate</i> |
|-----|---|----------------|--------|------------------|---------------|--------------------|---------------------------------|
| 8   | 4-year Graduation All Students (2017 Cohort)          | NA             | 94%    | 0.0              | 0             | 0                  | 93.5%                           |
| 9   | 6-year Graduation - High Needs Students (2015 Cohort) | NA             | 94%    | 0.0              | 0             | 0                  | 93.5%                           |

High school indicators; not applicable to Mansfield Public Schools.

# Indicator 11 Physical Fitness

| No: | Indicator   | Index/ Rate | Target | Points Earned | Max Points | % Points Earned | State Avg Index/Rate |
|-----|---|-------------|--------|---------------|------------|-----------------|----------------------|
| 11  | Physical Fitness (estimated participation rate = 97.7%) | 65.9%       | 75%    | 43.9          | 50         | 87.8            | 66.8                 |

- Indicator now assumes Participation Rate and indicates percent of students meeting expectation on all four areas of the physical fitness assessment (given in grades 4, 6, and 8).
- Districts/schools can earn up to 50 points based on the pro-rated percentage of the ultimate target (75%) achieved as adjusted by the estimated participation rate multiplier.
- Fitness Rate Index increased from last year (59.7%).

# Indicator 12 Arts Access

| No: | Indicator   | Index/ Rate | Target | Points Earned | Max Points | % Points Earned | <i>State Avg Index/Rate</i> |
|-----|-------------|-------------|--------|---------------|------------|-----------------|-----------------------------|
| 12  | Arts Access | N/A         | 60%    | 0.0           | 0          | 0               | 85.3%                       |

High school indicator based on percent of students taking one course in dance, theater, music, or visual arts.

# Comparison 2016-17 to 2017-18

| No:                  | Indicator  | Percentage of Points |         |     |
|----------------------|--|----------------------|---------|-----|
|                      |  | 2016-17              | 2017-18 |     |
| 1a.                  | ELA Performance Index – All Students                                 | 100.0%               | 100.0%  | →   |
| 1b.                  | ELA Performance Index – High Needs Students                          | 89.8%                | 92.8%   | ↑   |
| 1c.                  | Math Performance Index – All Students                                | 100.0%               | 100.0%  | →   |
| 1d.                  | Math Performance Index – High Needs Students                         | 88.6%                | 88.9%   | ↑   |
| 1e.                  | Science Performance Index – All Students                             | 86.7%                |         |     |
| 1f.                  | Science Performance Index – High Needs Students                      | 76.7%                |         |     |
| 2a.                  | ELA Avg. Percentage of Growth Target Achieved – All Students         | 61.0%                | 65.8%   | ↑   |
| 2b.                  | ELA Avg. Percentage of Growth Target Achieved – High Needs Students  | 54.5%                | 55.0%   | ↑   |
| 2c.                  | Math Avg. Percentage of Growth Target Achieved – All Students        | 70.1%                | 66.4%   | ↓   |
| 2d.                  | Math Avg. Percentage of Growth Target Achieved – High Needs Students | 61.8%                | 60.0%   | ↓   |
| 4a.                  | Chronic Absenteeism – All Students                                   | 100.0%               | 100.0%  | →   |
| 4b.                  | Chronic Absenteeism – High Needs Students                            | 91.8%                | 89.5%   | ↓   |
| 5                    | Preparation for CCR – % taking courses                               |                      |         |     |
| 6                    | Preparation for CCR – % passing exams                                |                      |         |     |
| 7                    | On-track to High School Graduation                                   | 96.9%                | 90.0%   | ↓   |
| 8                    | 4-year Graduation All Students                                       |                      |         |     |
| 9                    | 6-year Graduation - High Needs Students                              |                      |         |     |
| 10                   | Postsecondary Entrance   |                      |         |     |
| 11                   | Physical Fitness   | 79.6%                | 87.8%   | ↑   |
| 12                   | Arts Access  |                      |         | N/A |
| Accountability Index |  | 78.10%               | 77.70%  | ↓   |

# Mansfield Performance Compared to K-8 Districts with Similar High Needs Population

| Mansfield Index                        | Other K-8 Districts with Similar High Needs Population |
|--|--|
| <b>77.7</b>                            | 70.8   |
|  | 72.2   |
|  | 74.7   |
|  | 75.1   |
|  | 75.1   |
|  | 76.6   |
|  | 78.0   |
| Overall index down from 2016-17 (78.1) | 2 of 7 index scores down from 2016-17                  |

# Mansfield 2017-18 Performance Compared to Select DRG C Districts

|                  | Elem. Index Range | M.S. Index Range |
|------------------|-------------------|------------------|
| <b>Mansfield</b> | <b>83.6-98.6</b>  | <b>75.1</b>      |
| 1                | 70.9-77.3         | 69.4             |
| 2                | 81.8-93.8         | 72.4             |
| 3                | 74.1              |                  |
| 4                | 71.8              |                  |
| 5                | 89.9              |                  |
| 6                | 86.1              | 77.5             |
| 7                | 74.2-86.6         | 68.1             |
| 8                | 69.4              | 67.2             |
| 9                | 76.7-87.5         | 73.6             |
| 10               | 81.4-92.6         | 75.2             |
| 11               | 69.6              | 57.2             |
| 12               | 69.0-91.3         | 71.1             |

# Mansfield 2017-18 Performance Compared to Select DRG B Districts

|                  | Elementary Index Range | M.S. Index Range |
|------------------|------------------------|------------------|
| <b>Mansfield</b> | <b>83.6-98.6</b>       | <b>75.1</b>      |
| 1                | 80.2-90.7              | 76.8-79.1        |
| 2                | 77.2-82.6              | 73.8-81.3        |
| 3                | 75.4-86.4              | 69.7             |
| 4                | 70.0-88.9              | 70.5-76.1        |

# Recognitions

Schools performing in the top ten percent of schools across the state AND which have met the 95% participation rate are recognized as **Schools of Distinction.**

Mansfield Schools Eligible

Goodwin, Southeast, and Vinton

Southeast Elementary School

Vinton Elementary School