MEASURING MICHIGAN’S PROGRESS 2016-2017

TOP 10 IN 10 YEARS

putting Michigan on the map as a premier education state
Message from the State Superintendent

Dear Michigan Stakeholder,

As Michigan moves to implement our plan to become a Top 10 state for education within the next 10 years, it is important that we identify data points to measure our success. Some of these measures will be state-to-state comparisons, either rankings or comparisons to national averages, others will be shown through growth towards goals on state- or local-level data points.

In this document, we have aggregated the high-level measures selected as part of the plan, that will begin to tell the story. The figures included here will be used as the baseline from which we start to measure progress, as implementation of the Top 10 in 10 plan continues to move forward. These measures are organized around “6-E’s” - Early Learning, Exit Ready, Engagement, Effective Educators, Equity, and Efficacy. All of these data points in combination will help show Michigan’s success. In future years, trend data will be provided to show where improvement has been made.

You’ll see that in some cases, we have a long way to go become a Top 10 education state. The journey may not always be an easy one, but it is necessary, in order for Michigan’s children to reach their full potential and become successful adults. Accomplishing this challenge will require the efforts of many partners at both state and local levels, working towards our shared goals.

For more information on our Top 10 in 10 efforts, definitions of each data point, and additional data, please see the 2016-2017 MDE Annual Review – www.michigan.gov/MDEAnnualReview.

We welcome your partnership as we move forward.

Sincerely,

Brian J. Whiston
State Superintendent
Michigan Department of Education
MEASUREMENT AREAS:
The six measurement areas include:

**Early Learning** - Metrics addressing inputs and outcomes for early learners focusing on foundational learning and skills, such as proficiency in literacy and numeracy.

**Exit Ready** - Metrics addressing outcomes for learners as they leave the PK-12 system into post-secondary learning and careers.

**Engagement** - Metrics that illustrate broad considerations for how learners are engaged in learning and school, and how parents, educators, and community members partner with each other to support learning opportunities.

**Effective Educators** - Metrics for both inputs and outcomes that look at the educational workforce, including quality of educators and the capacity to develop a strong educator workforce for years to come.

**Equity** - Metrics examining inputs, factors, and outcomes that ensure equitable opportunities for learning and teaching, and illustrate the equitable provision of services and supports across the state.

**Efficacy** - System metrics that evaluate the ability of Michigan’s educational infrastructure to impact student outcomes and support implementation of strategies to ensure intended outcomes for learners.

TYPES OF METRICS:

**State-to-State:** Comparisons are measures that allow for state-to-state comparison of equally-defined and collected measures.

**State/Local Level:** Allows us to examine progress on programs and initiatives that are specific to efforts in Michigan. District and school data is important to address implementation at the ground level across the state education system.

The data in this document provides our baseline. Additional results will be included in future years for comparison purposes which will help us measure our progress over time. As we continue to refine our Top 10 in 10 Strategic Plan implementation efforts, it is probable that our metrics will also evolve.
**TOP 10 IN 10**

**EARLY LEARNING**

- **Early Literacy and Mathematics**
  - 46.0% of 3rd graders proficient on M-STEP English Language Arts (ELA) in 2015-16.
  - 45.2% of 3rd graders proficient on M-STEP Mathematics in 2015-16.

**Student Engagement in Early Grades**

- **Overall Attendance**: 94.2%
- **Chronically Absent**: 14.4%


**2015 National Assessment of Educational Progress (NAEP)**

- **4th Grade Reading**
  - MI - 29% Proficient
  - National Average - 35% Proficient
- **4th Grade Mathematics**
  - MI - 34% Proficient
  - National Average - 39% Proficient


**Early Learning Access**

- **National Institute for Early Education Research (NIEER) - 2016**
  - 15th State
  - 4-year-old Programs
  - N/A 3-year-old Programs
  - 15th State Spending
  - 24th All Spending

Data available at: [http://nieer.org](http://nieer.org)

**EXIT READY**

- **8th Grade Reading**
  - MI - 32% Proficient
  - National Average - 32% Proficient
- **8th Grade Mathematics**
  - MI - 29% Proficient
  - National Average - 32% Proficient

Data available at: [https://nces.ed.gov/nationsreportcard/](https://nces.ed.gov/nationsreportcard/)

**Graduation Rate**

- **79.7%**
  - 2016 Graduation Rate (% students graduating in 4 years)

**CTE Completion**

- **37,143**
  - Completers* of CTE coursework in 2015-16

**SAT Scores**

- **2016 SAT Combined**
  - (Mathematics and Evidence-Based Reading + Writing)
  - MI Average Score 34.9% Ready for College
- **2016 SAT Mathematics**
  - MI Average Score 37% Ready for College
- **2016 SAT Reading/Writing**
  - MI Average Score 60% Ready for College

Data available at: [http://nieer.org](http://nieer.org)
MEASURING MICHIGAN’S PROGRESS

Attendance and Chronic Absence


College Enrollment

69.6% (71,657 students) of 2015 graduates enrolled in college within one year of graduation.

Currently, we do not have data for the Efficacy metric. It is our plan to collect data on future initiatives to measure the fidelity of implementation.

Analysis of System Inputs

Educator Evaluation Ratings

Teachers 98% Effective* Administrators 97% Effective*

Ineffective Effective Minimally Effective Highly Effective

42% 56% 2% 2%

35% 62% 2% 2%

Education Week 2017 Quality Counts Report

Chance-for-Success Indicator Grade: C Rank: 32nd

School Finance Indicator Grade: C Rank: 23rd

Available at: http://www.edweek.org/ew/toc/2017/01/04/index.html

Initiative-Specific Analyses of Subgroup Outcomes

More information, including growth and performance data, broken down by subgroup, can be found in the Appendix to the MDE Annual Review. http://www.michigan.gov/documents/mde/MDE_Annual_Review_Appendix_583488_7.pdf

Analysis of System Inputs

EQUITY

EDUCATION WEEK 2017 QUALITY COUNTS REPORT

Anniversary}

32nd

ANNIE E. CASEY FOUNDATION 2017 KIDS COUNT REPORT

Data available at: http://datacenter.kidscount.org

EFFECTIVE EDUCATORS

EDUCATION WEEK 2017 QUALITY COUNTS REPORT

34th

EDUCATION WEEK 2017 QUALITY COUNTS REPORT

Chance-for-Success Indicator Grade: C Rank: 32nd

School Finance Indicator Grade: C Rank: 23rd

Available at: http://www.edweek.org/ew/toc/2017/01/04/index.html

ANNUAL REVIEW 2016-2017

APPENDIX: Measuring Our Progress

Initiative-Specific Analyses of Subgroup Outcomes

More information, including growth and performance data, broken down by subgroup, can be found in the Appendix to the MDE Annual Review. http://www.michigan.gov/documents/mde/MDE_Annual_Review_Appendix_583488_7.pdf
### 2015-2016 STATE-LEVEL PERFORMANCE AND GROWTH

<table>
<thead>
<tr>
<th>Subject</th>
<th>Performance</th>
<th>Student Growth</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<tr>
<td>English Language Arts</td>
<td>49.2%</td>
<td>49.7%</td>
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<tr>
<td></td>
<td>of Students Proficient in E.L.A. overall</td>
<td>Average S.G.P. in E.L.A. overall</td>
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<tr>
<td>Mathematics</td>
<td>37.2%</td>
<td>49.8%</td>
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<tr>
<td></td>
<td>of Students Proficient in Mathematics overall</td>
<td>Average S.G.P. in Mathematics overall</td>
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<tr>
<td>Science</td>
<td>23.9%</td>
<td>49.9%</td>
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<tr>
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<td>of Students Proficient in Science overall</td>
<td>Average S.G.P. in Science overall</td>
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<tr>
<td>Social Studies</td>
<td>30.4%</td>
<td>49.7%</td>
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<tr>
<td></td>
<td>of Students Proficient in Social Studies overall</td>
<td>Average S.G.P. in Social Studies overall</td>
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### MI-ACCESS FUNCTIONAL INDEPENDENCE PERFORMANCE

<table>
<thead>
<tr>
<th>Subject</th>
<th>Student Subgroup</th>
<th>3rd Grade</th>
<th>4th Grade</th>
<th>5th Grade</th>
<th>6th Grade</th>
<th>7th Grade</th>
<th>8th Grade</th>
<th>11th Grade</th>
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<tbody>
<tr>
<td>English Language Arts</td>
<td>All Students with Disabilities</td>
<td>86.0</td>
<td>78.2</td>
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<td>84.5</td>
<td>77.2</td>
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<td>73.2</td>
<td>59.5</td>
<td>68.1</td>
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<td>64.5</td>
<td>79.7</td>
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<td>All Students with Disabilities</td>
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<td></td>
<td></td>
<td></td>
<td>47.4</td>
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<tr>
<td>Social Studies</td>
<td>All Students with Disabilities</td>
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<td>43.1</td>
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