

## 2017 Student Achievement Update

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## District Led Initiatives

### Continuous Improvement Teams

- Building instructional leadership capacity of staff
  - The principal can not do it alone
  - Create a culture of reflective practice
- Teach each school how to review ALL data sources as part of a comprehensive needs assessment
- Design systems to enforce evidenced-based practices are implemented in ALL classrooms to support student needs of each school
- Create structure to monitor our work and goals throughout the year

*"What gets monitored gets done."*

### Principal Leadership

- Focus on developing instructional leaders
- Development of "Principal PLCs"
  - What do we want our staff to know and be able to do?
    - Standards and evidence-based instructional practices
  - How do we know if they know it?
    - Walk through tools used together
  - What do we do when they don't?
    - Staff development
- Establishing a culture of collaboration established across schools

## Multi-Tiered Structures of Support (MTSS)

- Cohort model has allowed for targeted training and coaching for elementary schools
- Cohort model has built capacity so there are more MTSS leaders across our district to support teams
- Invested in core reading materials to align to ELA standards for K-5
  - Reading Wonders
- Reading intervention materials purchased
  - Leveled Literacy Intervention (LLI)
  - PRESS (developed by U of M, Center for Reading Research)
- Increased emphasis for all students to receive core instruction (including Special Education)
  - Intervention is in addition to core
- Secondary & elementary WIN established across all schools

## Professional Learning Communities

- Training from Solution Tree last year for leadership teams
  - Team shared this was powerful training
- PLC rubric developed and shared with CITs
  - Used to assess school implementation levels and determine staff development needs
- PLC Handbook developed by the curriculum department to articulate PLC best practice and common expectations

## Full Service Community Schools

- Expanding and supporting the Full Service Community School model at Myers-Wilkins, Lincoln Park and Denfeld
- Through shared vision and accountability for results, we aim to impact attendance, academic achievement, physical health and social-emotional well-being to the end that students, families and our entire community will experience greater health and equity.
- Duluth Community Schools were selected as one of five health focus sites nationally to receive support from the Coalition for Community Schools.

## Data



Test scores are just one part of the picture to understand how students are doing in Minnesota

-Education Commissioner Brenda Cassellius

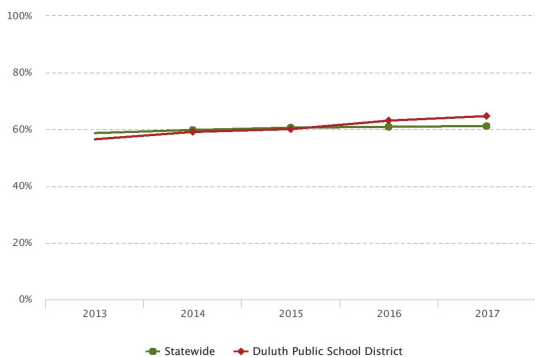
## Overview

Results reported use "All Accountability, Oct 1" scores unless otherwise noted

- Combined proficiency score that includes all state accountability tests in reading and math
- Includes students who were attending ISD 709 Oct. 1 and took the test in our district
- Includes results from MCA and MTAS

Historic results, specific to ethnicity, may be slightly different from previous year's reported scores due to the addition of two ethnic groups

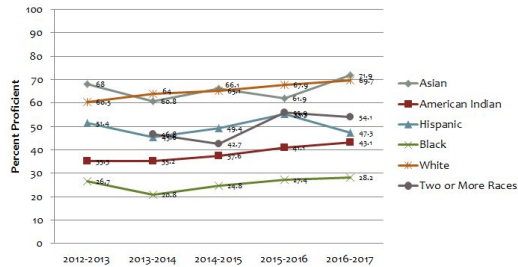
## Reading Trends



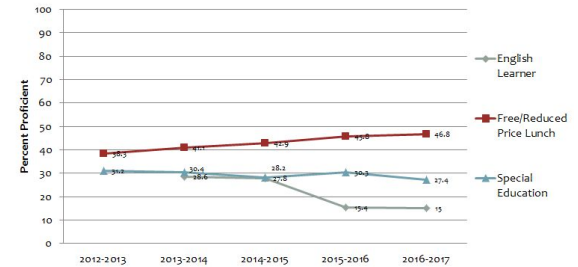
## District vs State - Reading Trends

Percent Proficient	2012-2013	2016-2017	Difference
District	56.5	64.7	+8.2
State	58.7	61.2	+2.5

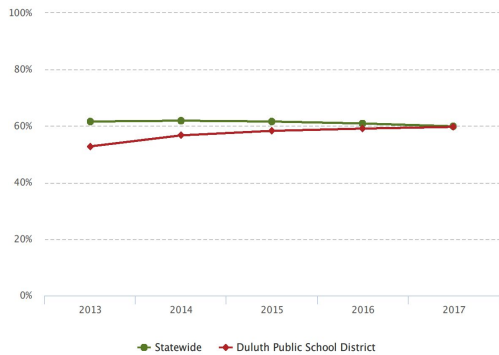
## All Accountability Tests, Reading, By Ethnicity



## All Accountability Tests, Reading, By Special Population



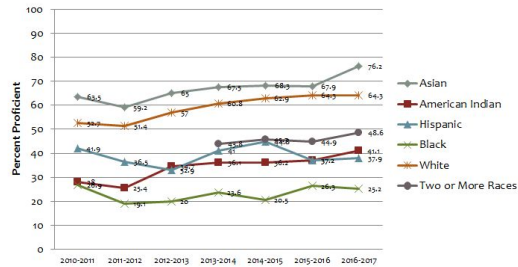
## Math Trends



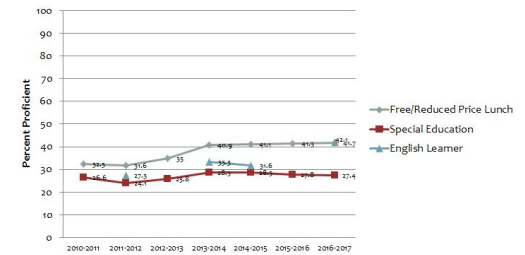
## District vs State - Math Trends

Percent Proficient	2011-2012	2016-2017	Difference
District	47.7	59.7	+12
State	62.7	59.9	-2.8

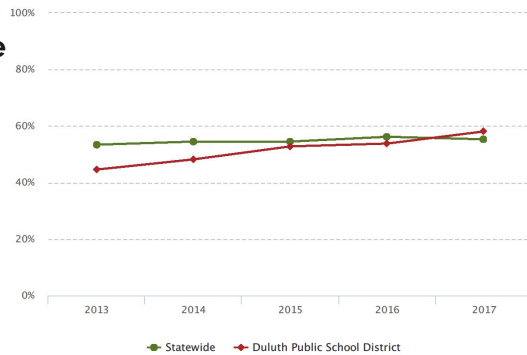
## All Accountability Tests, Math, By Ethnicity



## All Accountability Tests, Math, By Special Population



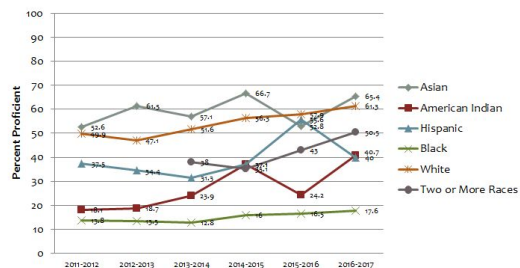
## Science Trends



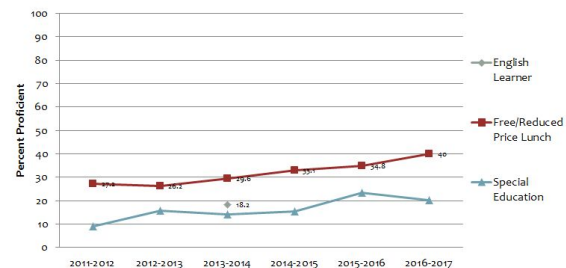
## District vs State - Science Trends

Percent Proficient	2012-2013	2016-2017	Difference
District	43.4	57.6	+14.2
State	53.2	55.0	+1.8

## MCA Science, By Ethnicity



## MCA Science, By Special Population



## Themes - Overall

- Over the last 5-6 years, increases in district achievement have significantly outpaced the state in all three content areas
- For the fifth year in a row, reading and science scores have increased and are above the state average
- After five years of consistent increases, math scores remain steady and are now on par with the state average
- The majority of schools that received intensive coaching and support realized achievement gains

### ADDITIONAL THEMES

Reading	Math	Science
<ul style="list-style-type: none"> <li>• Over half of our schools increased in proficiency</li> </ul>	<ul style="list-style-type: none"> <li>• Nearly half of our schools increased in proficiency</li> </ul>	<ul style="list-style-type: none"> <li>• Over half of our schools increased in proficiency</li> </ul>
<ul style="list-style-type: none"> <li>• Most grades decreased in proficiency</li> </ul>	<ul style="list-style-type: none"> <li>• Most grades decreased in proficiency</li> </ul>	<ul style="list-style-type: none"> <li>• Most grades increased in proficiency</li> </ul>
<ul style="list-style-type: none"> <li>• Half of the student groups increased in proficiency</li> </ul>	<ul style="list-style-type: none"> <li>• Half of the student groups' proficiency stayed the same</li> </ul>	<ul style="list-style-type: none"> <li>• Most of the student groups increased proficiency</li> </ul>
<ul style="list-style-type: none"> <li>• The achievement gap increased or stayed the same for most groups</li> </ul>	<ul style="list-style-type: none"> <li>• The achievement gap increased or stayed the same for half of the student groups</li> </ul>	<ul style="list-style-type: none"> <li>• The achievement gap decreased or stayed the same for half of the student groups</li> </ul>
<ul style="list-style-type: none"> <li>• Half of the student groups are above the state average</li> </ul>	<ul style="list-style-type: none"> <li>• Over half of the student groups are above the state average</li> </ul>	<ul style="list-style-type: none"> <li>• Half of the student groups are above the state average</li> </ul>

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## Next Steps

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## Next Steps

- Continue work with MTSS and PLCs
- Support teachers with new elementary ELA curriculum and how to meet the individualized reading needs of each student through a balanced literacy model
- Equity Commitment
  - Communication from community stakeholders
- CARE Academy (Office of Education Equity)
  - NEA research for closing the achievement gap
- Pathways2Teaching
  - Partnership with College of St. Scholastica
  - Increase staff diversity

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## Next Steps Cont.

- Investing in systems that assist with monitoring and implementing standard-based assessment and grading
- Expanding and enhancing early childhood (birth to age 5) programs to improve school readiness and improve the transition to Kindergarten
- Investing in staff development for special education staff regarding best practice, reading interventions and how to support students with challenging behavior
- Continue training and support for Continuous Improvement Teams to implement school improvement systems to implement effective practices and monitor their work
- Emphasis on addressing chronic absenteeism

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## Appendices

## All Accountability Tests - Reading By Grade, Over Time

Percent Proficient	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Grade 3	54.5	56.4	59.0	63.0	59.9
Grade 4	59.8	55.1	58.2	61.4	64.7
Grade 5	64.1	71.6	67.6	71.2	68.2
Grade 6	56.0	56.4	62.8	65.4	64.4
Grade 7	47.9	58.4	51.7	65.8	63.9
Grade 8	56.0	55.9	59.9	55.9	63.3
Grade 10	56.8	59.4	61.1	58.8	68.5

## All Accountability Tests - Math By Grade, Over Time

Percent Proficient	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Grade 3	69.9	68.2	67.2	68.5	68.7	69.0	68.2
Grade 4	64.3	63.1	68.4	69.6	69.7	69.5	71.8
Grade 5	51.0	50.0	56.2	67.3	65.3	59.8	58.8
Grade 6	31.5	36.9	45.3	50.9	59.4	58.6	55.8
Grade 7	37.4	37.6	38.8	44.9	44.1	59.7	57.2
Grade 8	46.1	41.2	49.6	52.2	52.1	55.4	61.5
Grade 11	44.7	36.0	42.4	42.1	47.1	40.4	43.5

## All Accountability Tests - Science By Grade, Over Time

MCA	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Grade 5	58.0	58.8	59.8	58.7	65.5	63.8
Grade 8	33.0	28.7	30.7	42.2	45.4	46.2
HS	44.9	41.8	50.5	56.0	47.5	61.3
All Grades	45.9	43.4	47.6	52.3	53.1	57.6
MTAS	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
All Grades	76.9	84.1	80.6	82.1	78.3	81.8

Reading		2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
All Students	Congdon	83.9	84.5	85.4	81.9	86.7
	Homecroft	70.6	72.1	64.6	66.3	67.4
	Lakewood	70.9	65.9	62.2	64.5	71.7
	Laura MacArthur	44.1	52.6	57.5	53.5	44.7
	Lester Park	73.7	71.9	69.0	80.3	80.9
	Lowell	56.8	54.5	56.0	65.8	62.9
	Myers-Wilkins	45.1	46.7	53.9	52.4	56.5
	Piedmont	41.9	46.6	41.4	50.2	51.7
	Stowe	41.9	47.9	53.5	63.9	45.6
	Lincoln Park	40.6	45.2	41.3	48.3	47.6
	Ordean East	63.0	65.3	70.7	72.3	74.3
	Denfeld	41.3	44.5	53.8	51.4	58.8
	East	68.2	70.0	66.9	64.5	77.3
	District	56.5	59.1	60.1	63.1	64.7
	State	58.7	59.8	60.6	60.9	61.2



Math		2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
All Students	Congdon	84.7	82.9	85.4	85.8	83.8	85.2
	Homecroft	70.1	74.4	71.6	78.4	73.3	68.9
	Lakewood	71.4	71.7	75.8	69.3	71.1	70.8
	L. MacArthur	36.5	58.2	72.9	64.2	53.8	54.3
	Lester Park	73.8	79.3	72.5	74.9	78.3	83.1
	Lowell	52.5	59.2	62.5	72.0	74.0	73.2
	Myers-Wilkins	50.5	48.3	60.1	52.4	50.6	54.4
	Piedmont	51.9	54.5	53.4	51.5	48.0	51.5
	Stowe	49.7	43.8	59.4	58.2	57.3	49.3
	Lincoln Park	27.0	30.6	37.9	39.9	45.1	41.6
	Ordean East	46.9	55.1	57.2	61.0	67.0	68.7
	Denfeld	26.9	30.1	28.4	34.3	29.4	28.9
	East	44.9	52.3	55.3	56.8	48.9	53.8
	District	47.7	52.8	56.7	58.3	59.1	59.7
	State	62.7	61.6	61.9	61.6	60.9	59.9

MCA Science		2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Grade 5	Congdon	89.9	88.2	82.7	75.4	90.2	90.9
	Homecroft	71.4	76.0	60.0	70.5	64.1	67.8
	Lakewood	72.5	87.8	82.2	78.0	90.0	78.0
	Laura MacArthur	25.4	23.2	35.5	43.1	50.9	44.8
	Lester Park	79.1	83.3	89.8	69.3	81.5	85.7
	Lowell	59.0	52.4	51.5	56.5	55.8	40.9
	Myers-Wilkins	36.8	34.1	42.0	43.3	63.5	54.0
	Piedmont	37.8	32.1	37.0	50.0	30.8	45.3
	Stowe	37.7	52.1	44.2	43.5	46.0	47.9
	DISTRICT	58.0	58.8	59.8	58.7	65.5	63.8
	STATE	58.6	60.6	62.1	60.1	62.4	60.8

MCA Science		2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Grade 8	Lincoln Park	18.5	19.3	18.8	29.4	29.9	28.0
	Ordean East	42.2	35.8	38.1	50.6	55.7	57.2
	DISTRICT	33.0	28.7	30.7	42.2	45.4	46.2
	STATE	42.9	44.9	46.0	46.4	48.2	46.7

MCA Science		2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
High School	Denfeld	30.6	24.8	35.0	43.2	36.3	48.0
	East	54.4	52.6	60.2	63.8	54.4	70.1
	DISTRICT	44.9	41.8	50.5	56.0	47.5	61.3
	STATE	53.1	54.2	54.6	56.1	57.0	57.5