# Progress in Closing Achievement Gaps in Minnesota

Dr. Brenda Cassellius Commissioner



## Districts "On Track" to Meet Statewide Goal of Closing Gaps by 50% by 2017

- Annual targets were set in all subgroups to reduce the achievement gap by 50% by 2017
- Subgroups include: White, Black, Hispanic, American Indian, Asian, Special Education, Low Income and English learners
- Data have been provided to all districts and charter schools



# Minnesota Districts Showing Progress to Reduce Gaps by 50% by 2017

- 65% of districts and charter schools are "on track" in all subgroups or all but one subgroup in math
  - 39% are "on track" in all subgroups in reading
  - 26% are only missing one subgroup in reading
- 75% of districts and charter schools are "on track" in all subgroups or all but one subgroup in reading
  - 43% are "on track" in all subgroups in math
  - 32% are only missing one subgroup in math
- 31% of districts and charter schools are on track in both math and reading



Reading – Progress Toward 2017 Goal					
Student Group	Number of Districts On Track	Number of Districts Off Track	Number of Newly Proficient Students Needed for All Districts to Reach 2013 Target		
American Indian	66	16	271		
Asian	83	21	1711		
Black	106	29	1324		
Hispanic	137	34	715		
White	217	201	4552		
Free/Reduced Price Lunch	358	87	5252		
English Learners	131	20	128		
Special Education	306	89	1163		



Math – Progress Toward 2017 Goal					
Student Group	Number of Districts On Track	Number of Districts  Off Track	Number of Newly Proficient Students Needed for All Districts to Reach 2013 Target		
American Indian	57	22	429		
Asian	86	17	1505		
Black	98	36	2308		
Hispanic	121	46	1149		
White	205	220	5156		
Free/Reduced Price Lunch	318	125	8293		
English Learners	99	49	1268		
Special Education	259	131	2500		



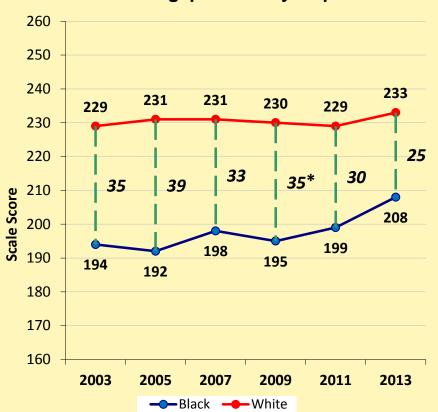
### 2013 National Assessment of Education Progress (NAEP) Highlights

- 4<sup>th</sup> and 8<sup>th</sup> grade students recorded the best scores in math and reading since NAEP began collecting data in Minnesota over 10 years ago
- Minnesota 4<sup>th</sup> graders had the best math 2013 scores in the nation
- 4<sup>th</sup> grade Black students performed fourthhighest in the country in math compared to 24<sup>th</sup> in 2011
- Minnesota 4<sup>th</sup> graders performed tenth-best in the nation in reading, compared to 22<sup>nd</sup> in 2011



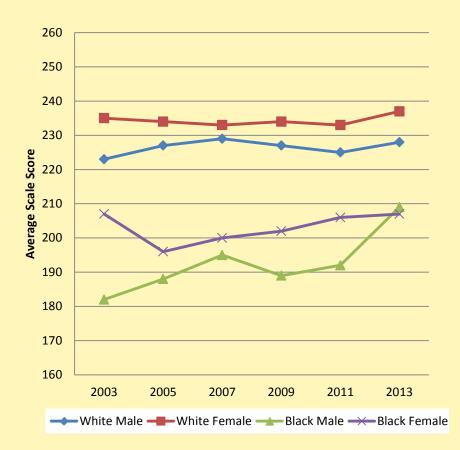
## NAEP 2013 Reading Grade 4 – Black Student Performance

### Black students show 9 pt increase from 2011 Black students gap closed by 10 pts since 2009



NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

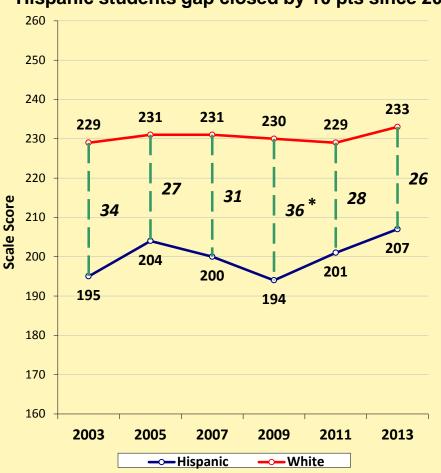
#### Black Males show a 17 point increase from 2011



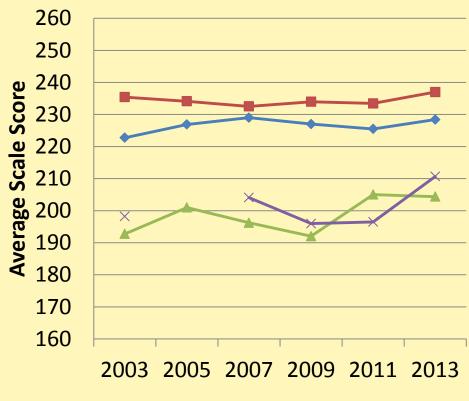


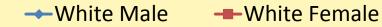
### NAEP 2013 Reading Grade 4

Hispanic scores significantly higher than 2009 Hispanic students gap closed by 10 pts since 2009



Hispanic Females show a 14 point increase from 2011







### 2013 MCA Math Results Summary

#### Math Grades 3-8

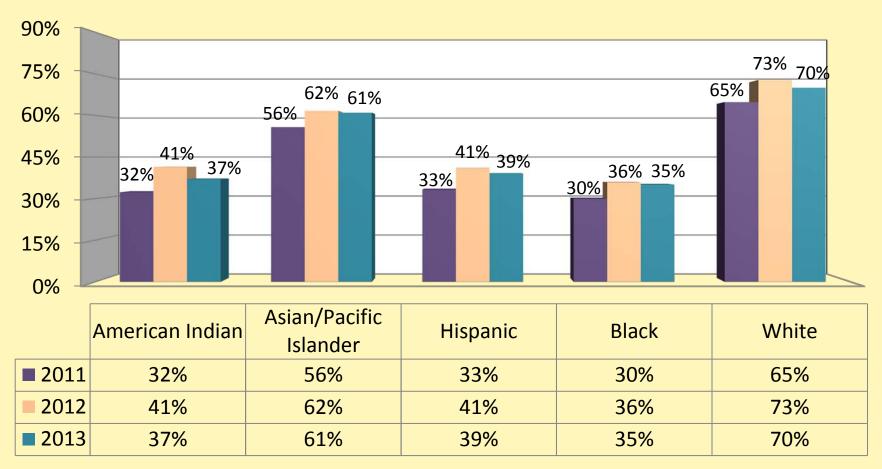
- Statewide scores, in all grades, have gone up since 2011
- Students were allowed up to three opportunities to take the test online in 2012; the highest score was used

#### Math Grade 11

- Statewide scores increased
- Teachers, principals and districts continue to sharpen their focus on career and college preparation



### Math MCA-III Grades 3-8 Percent of Students Proficient by Ethnicity

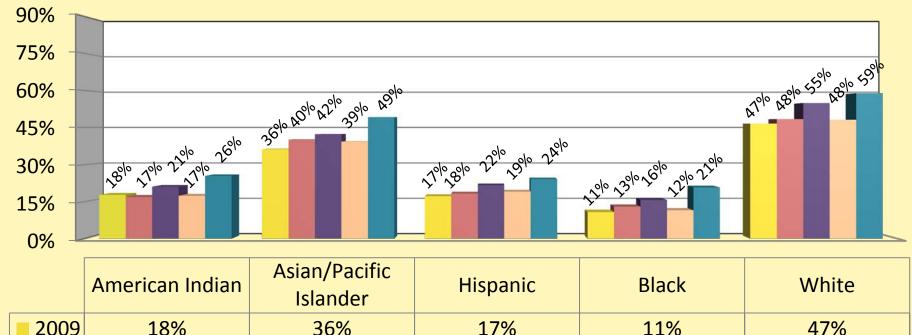


Scores are for all grades 3 to 8 for MCA-III tests from 2011 to 2013.

A new Mathematics test was introduced in 2011 and cannot be compared to previous years.



### Math MCA-II Grade 11 Percent of Students Proficient by Ethnicity

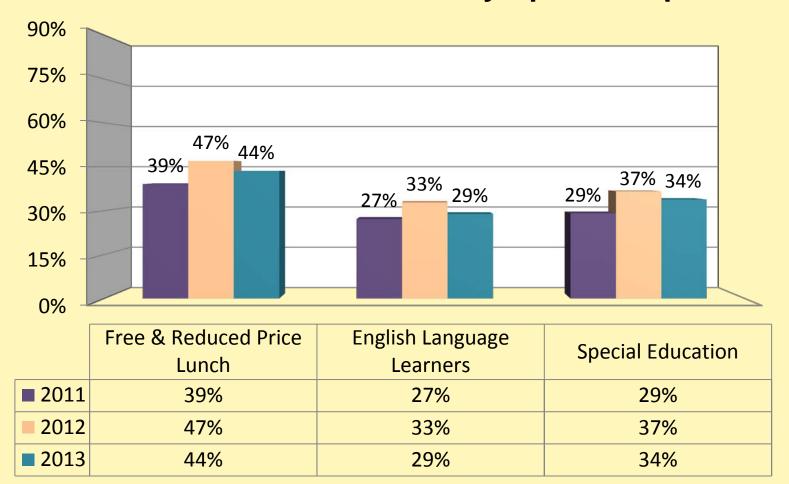


	American Indian	Islander	Hispanic	Віаск	White
<b>2009</b>	18%	36%	17%	11%	47%
<b>2010</b>	17%	40%	18%	13%	48%
<b>2011</b>	21%	42%	22%	16%	55%
<b>2012</b>	17%	39%	19%	12%	48%
<b>2013</b>	26%	49%	24%	21%	59%

Scores include MCA-II tests from 2009 to 2013.



### Math MCA-III Grade 3-8 Percent of Students Proficient by Special Population

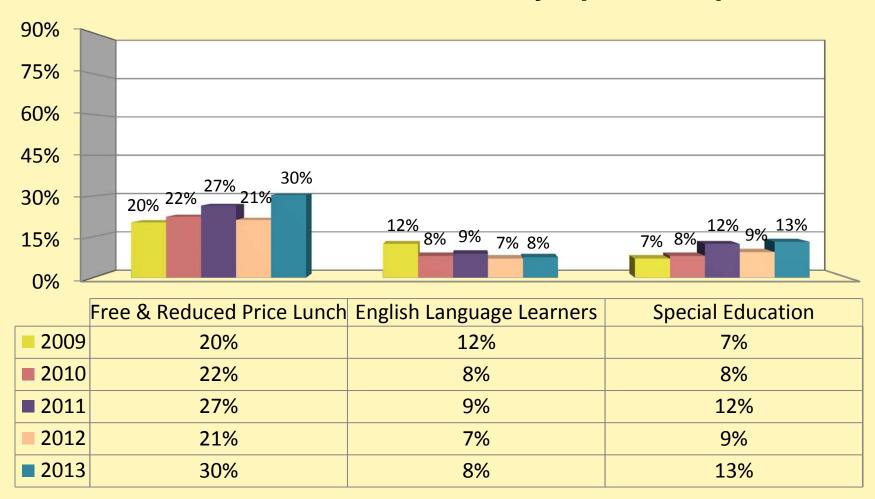


Scores are for all grades 3 to 8 for MCA-III tests from 2011 to 2013.

A new Mathematics test for grades 3-8 was introduced in 2011 and cannot be compared to previous years.



### Math MCA-II Grade 11 Percent of Students Proficient by Special Population



Scores include MCA-II tests from 2009 to 2013.

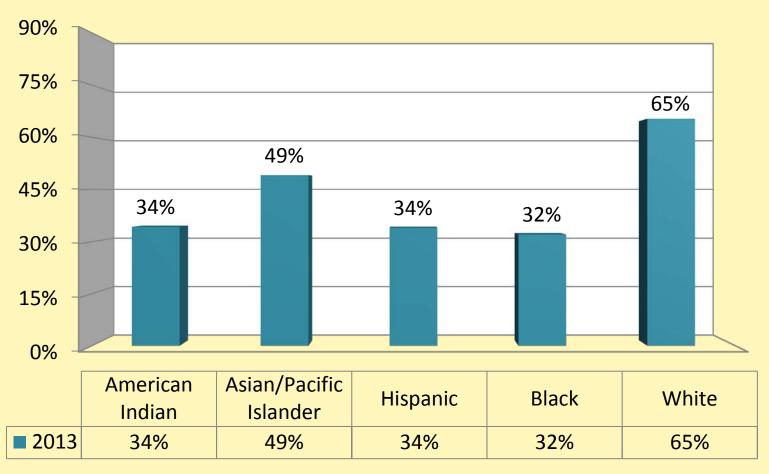


### 2013 MCA Reading Results Summary

- Reading Grades 3-8 and 10
  - New assessments this year
  - Increased rigor consistent with Minnesota Academic Standards
  - 2013 scores establish new baseline to monitor progress in students meeting higher reading standards moving forward



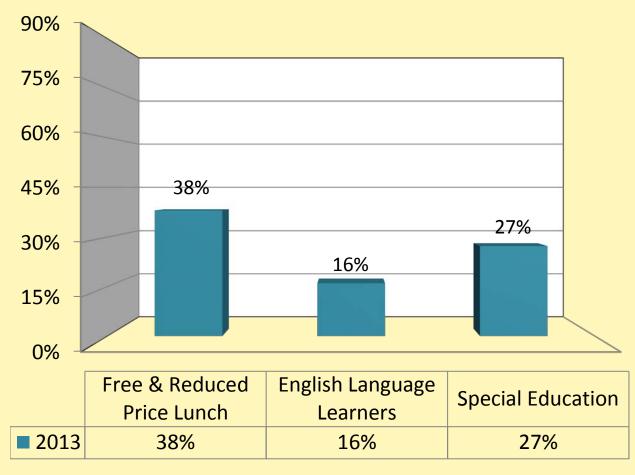
### Reading MCA-III Grade 3-8 and 10 Percent of Students Proficient by Ethnicity



Scores are for all grades 3 to 8 and 10 for MCA-III tests from 2013. A new Reading test was introduced in 2013 and cannot be compared to previous years.



### Reading MCA-III Grades 3-8 and 10 Percent of Students Proficient by Special Population



Scores are for all grades 3 to 8 and 10 for MCA-III tests from 2013. A new Reading test was introduced in 2013 and cannot be compared to previous years.



### 2013 Advanced Placement (AP) Results

- The percentage of students scoring a 3 or higher on the AP Exam increased by 10.4% between 2003 and 2013
  - 9.9% of Minnesota students scored a 3 or higher in 2003
  - 20.3% of Minnesota students scored a 3 or higher in 2013
- Minnesota posted the eighth best increase in the nation



Source: The College Board

### Cost Savings for Minnesota's Students and Families

- In May 2013, Minnesota students took a total of 42,031 AP Exams that results in scores of 3, 4 or 5.
- Based on students' opportunity to earn at least 3 college credits for each AP Exam score of 3 or higher, this represents an estimated 126,093 college credits.
- At an average rate of \$348.93 per credit hour, the total potential cost savings for the state's students and families was \$43,998,051.



Source: The College Board

## Promoting Equity in AP Participation and Performance

Race/Ethnicity (Student Group)	% of 2013 Student Group Taking AP Exam	% of 2013 Student Group Exam Takers Scoring 3+
Black/African American	17.7	39.6
Hispanic/Latino	22.6	48.8
American Indian/Alaska Native	9.9	41.4
Asian/Pacific Islander	39.5	58.6
White	31.9	67.4



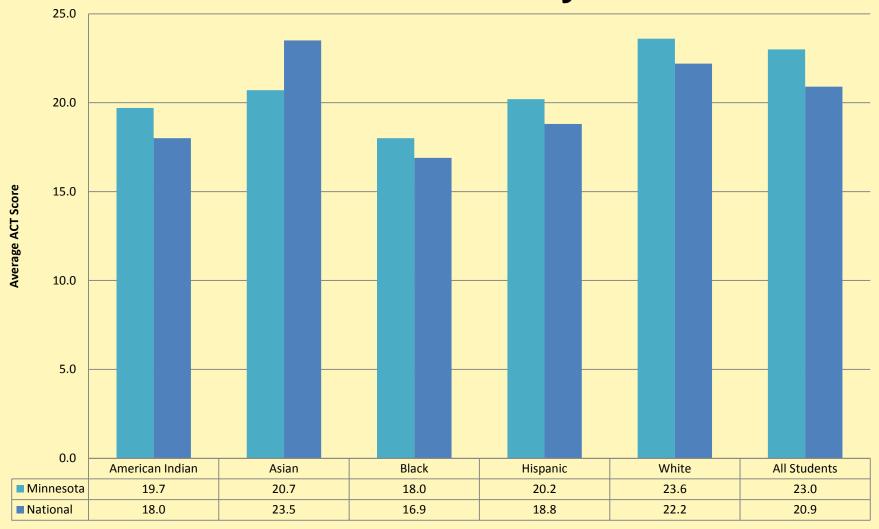
Source: The College Board

## Minnesota Outperforms the Nation on ACT Scores

 Minnesota students scored higher on the ACT in every subgroup (except Asian students) as compared to other student ACT scores across the country



# Average 2013 ACT Composite Score by Race/Ethnicity



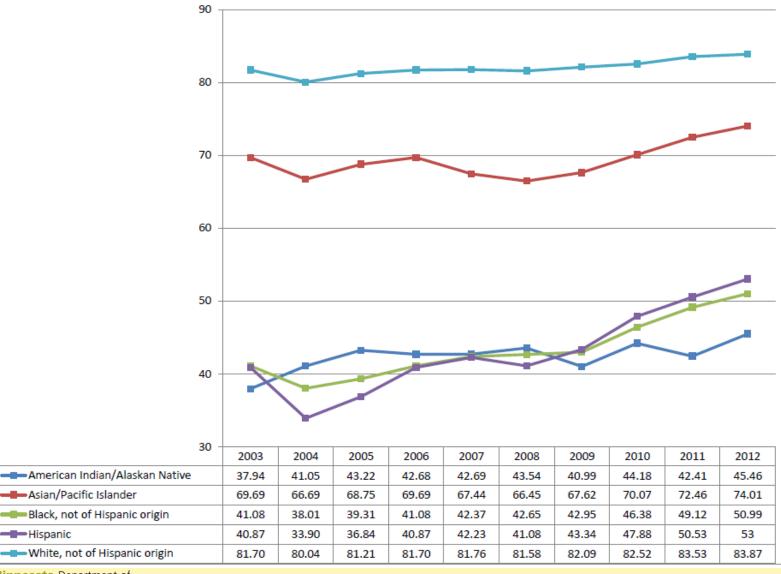


## Significant Gains in Statewide 4-Year Graduation Rates

- Minnesota students are graduating at the highest rates in the past decade
- 2013 graduation rates (to be released soon) show strong graduation rate increases in every subgroup



#### **Trends in 4-Year Graduation Rate by Ethnicity**





## Reduction in Graduation Rate Gaps Between 2011 and 2012

#### 2013 Graduation Rate Data to Show Major Gap Reductions

	2011	2012	Change	Gap Reduction
All Students	76.86	77.55	+0.69	
American Indian	42.41	45.46	+3.05	The White/American Indian gap reduced by 2.7%
Asian	72.46	74.01	+1.55	The White/Asian gap reduced by 1.2%
Hispanic	50.53	53.0	+2.47	The White/Hispanic gap reduced by 2.1%
Black	49.12	50.99	+1.87	The White/Black gap reduced by 1.5%
White	83.53	83.87	+0.34	



# Key investments that have generated results in reducing gaps

- ESEA Flexibility Waiver
- Race to the Top-Early Learning Challenge Grant
- Read Well by Third Grade and Literacy Incentive Aid
- More rigorous reading and math standards
- Investing an additional \$234 million in school funding formula
- Reforming the special education formula to invest \$40 million
- Achievement and Integration Aid
- World's Best Workforce
- All day Kindergarten for every child
- Early learning scholarships for 8,000 kids
- Minnesota Reading Corps
- WIDA standards for English learners
- Testing reform to implement college and career readiness exams
- High-quality charter replication and expansion grants

