

Anoka-Hennepin Gap Analysis: Internal & External Comparisons

Prepared by RET

11/25/13

Presentation Overview

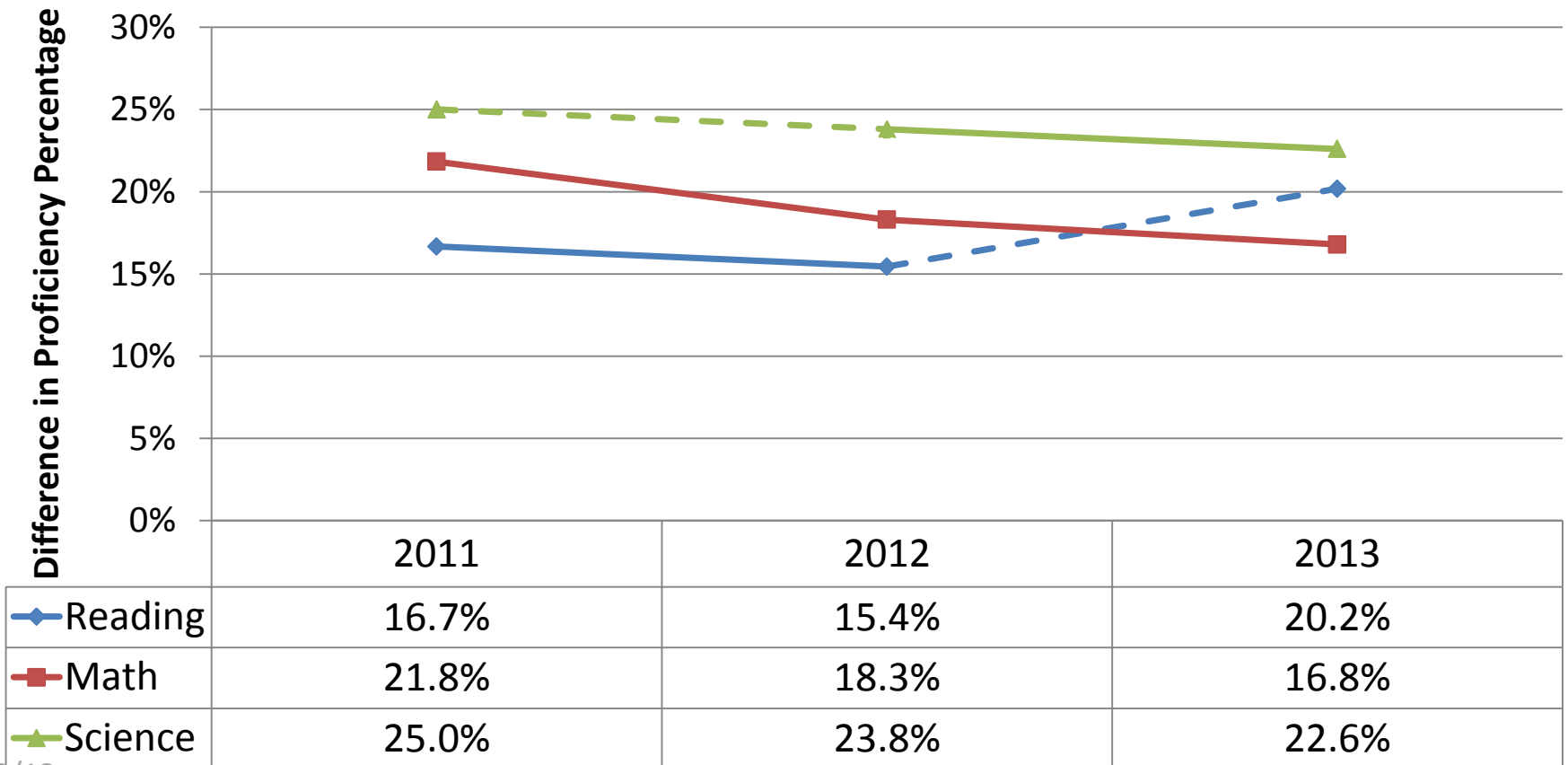
- Achievement gap comparisons as measured by the MCAs
 - Overall district
 - By level (Elementary, Middle School, High School)
 - Free & Reduced Status within Ethnicity
- Additional achievement gap comparisons
 - MAP
 - PLAN
 - ACT
- District-to-district achievement gap comparisons between white and black student groups

DISTRICT-WIDE MCA COMPARISONS

Achievement gap continues to narrow in math and science

Overall: Gap Between White Students and Students of Color on MCA All Accountability Tests

Note scale limit

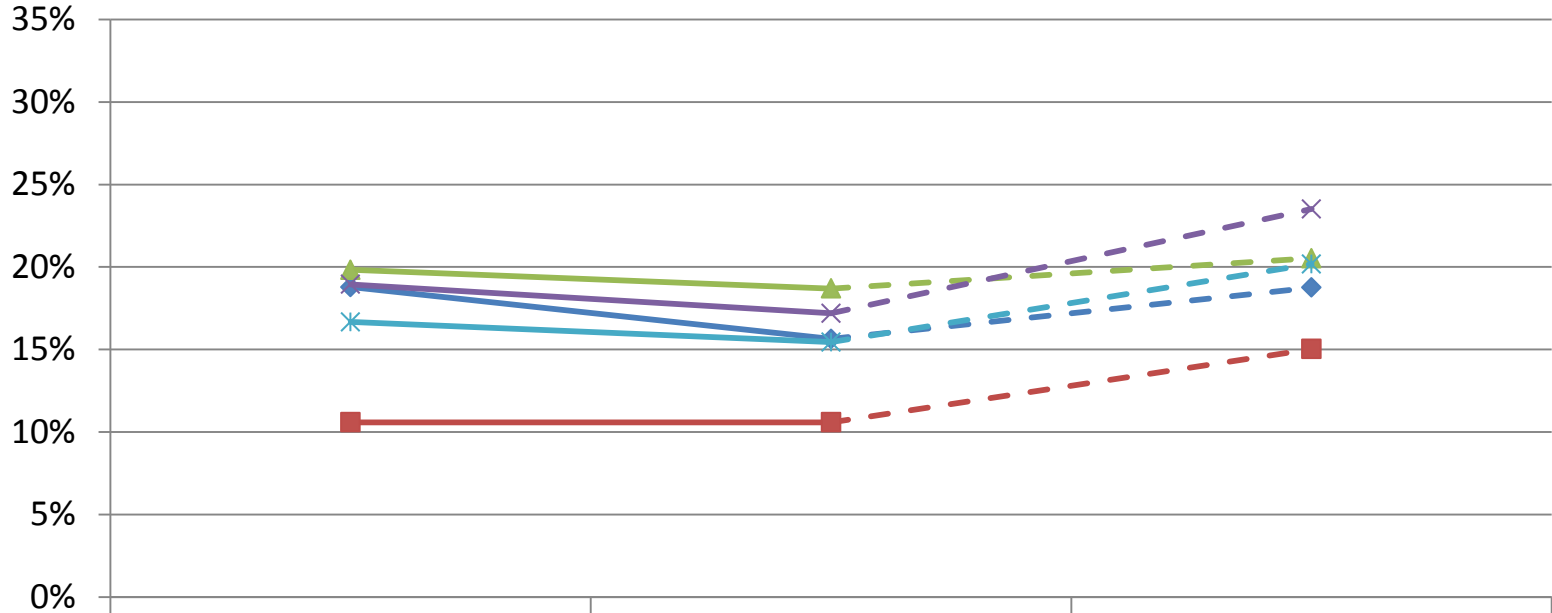


Achievement gap increased in reading with new MCA assessment

MCA All Accountability Reading: Overall Gap Between White Students and Students of Each Ethnic Group

Note scale limit

Difference in Proficiency Percentage

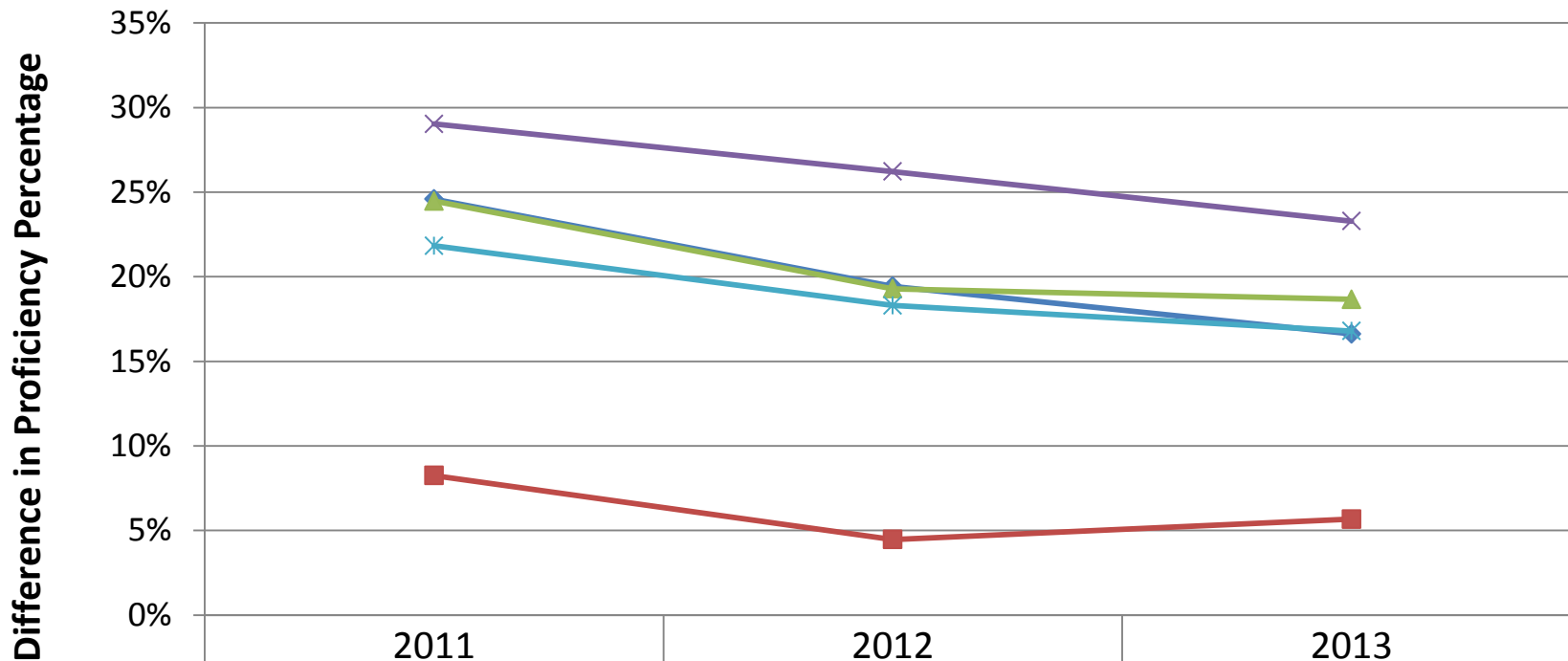


	2011	2012	2013
AM INDIAN	18.8%	15.6%	18.7%
ASIAN	10.6%	10.6%	15.0%
HISPANIC	19.8%	18.7%	20.5%
BLACK	18.9%	17.2%	23.5%
SOC	16.7%	15.4%	20.2%

Achievement gap in math is largest between white and black students

MCA All Accountability Math: Overall Gap Between White Students and Students of Each Ethnic Group

Note scale limit



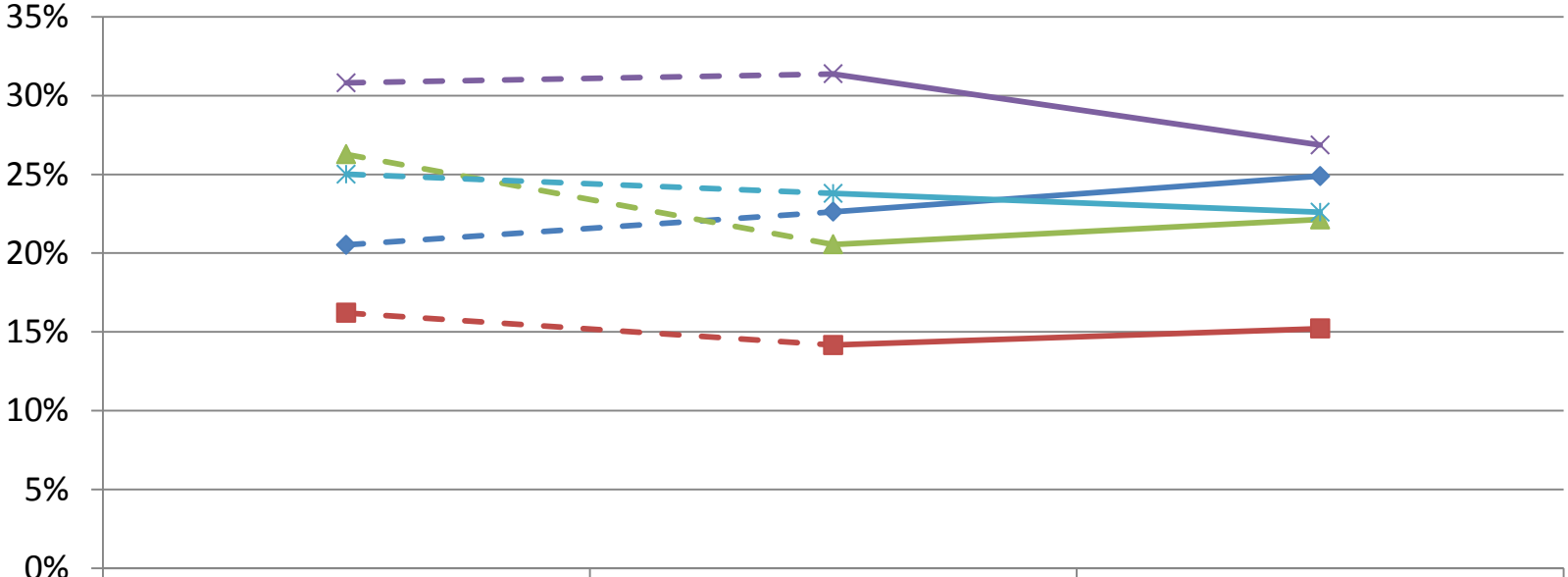
◆ AM INDIAN	24.6%	19.4%	16.6%
■ ASIAN	8.2%	4.5%	5.7%
▲ HISPANIC	24.5%	19.3%	18.7%
✕ BLACK	29.0%	26.2%	23.3%
* SOC	21.8%	18.3%	16.8%

Achievement gap in science increased slightly for all ethnicities except black students

MCA All Accountability Science: Overall Gap Between White Students and Students of Each Ethnic Group

Note scale limit

Difference in Proficiency Percentage



	2011	2012	2013
AM INDIAN	20.5%	22.6%	24.9%
ASIAN	16.2%	14.2%	15.2%
HISPANIC	26.3%	20.6%	22.1%
BLACK	30.8%	31.4%	26.9%
SOC	25.0%	23.8%	22.6%

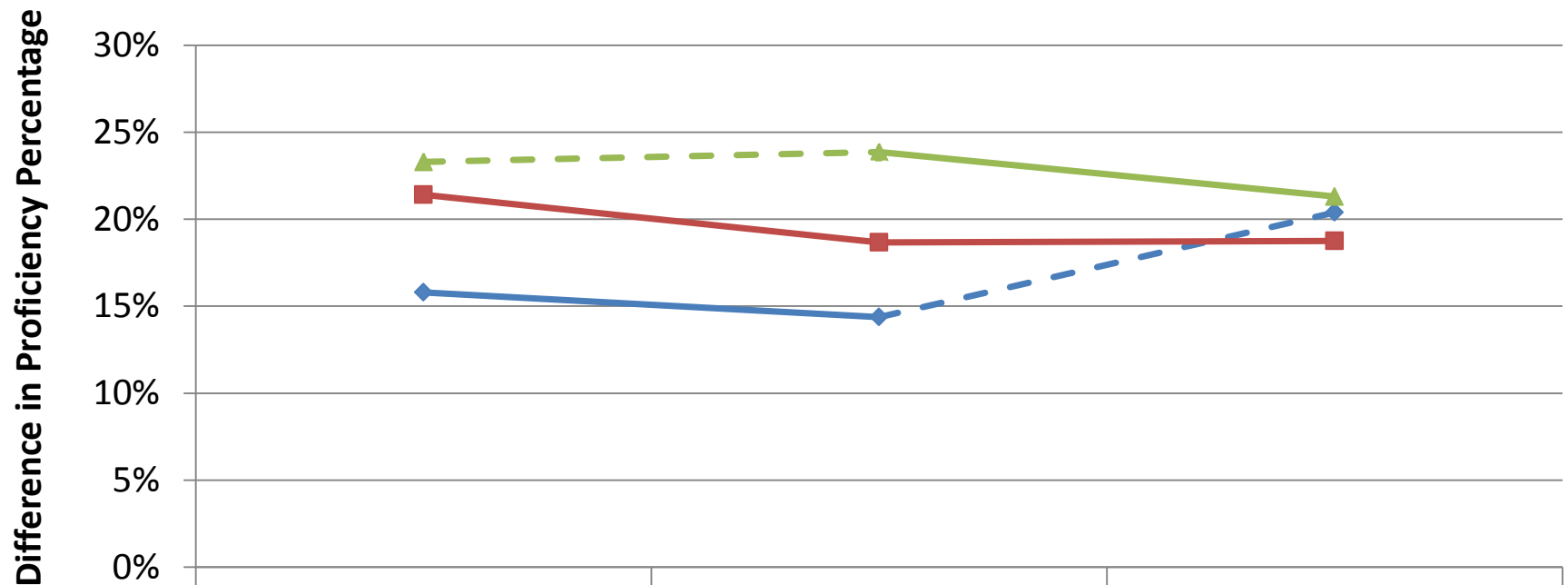
Note: Dotted line indicates a change in test from one year to the next.

ELEMENTARY MCA COMPARISONS

Elementary achievement gap is decreasing for math and science

**Elementary: Gap Between White Students and Students of Color on MCA
All Accountability Tests**

Note scale limit

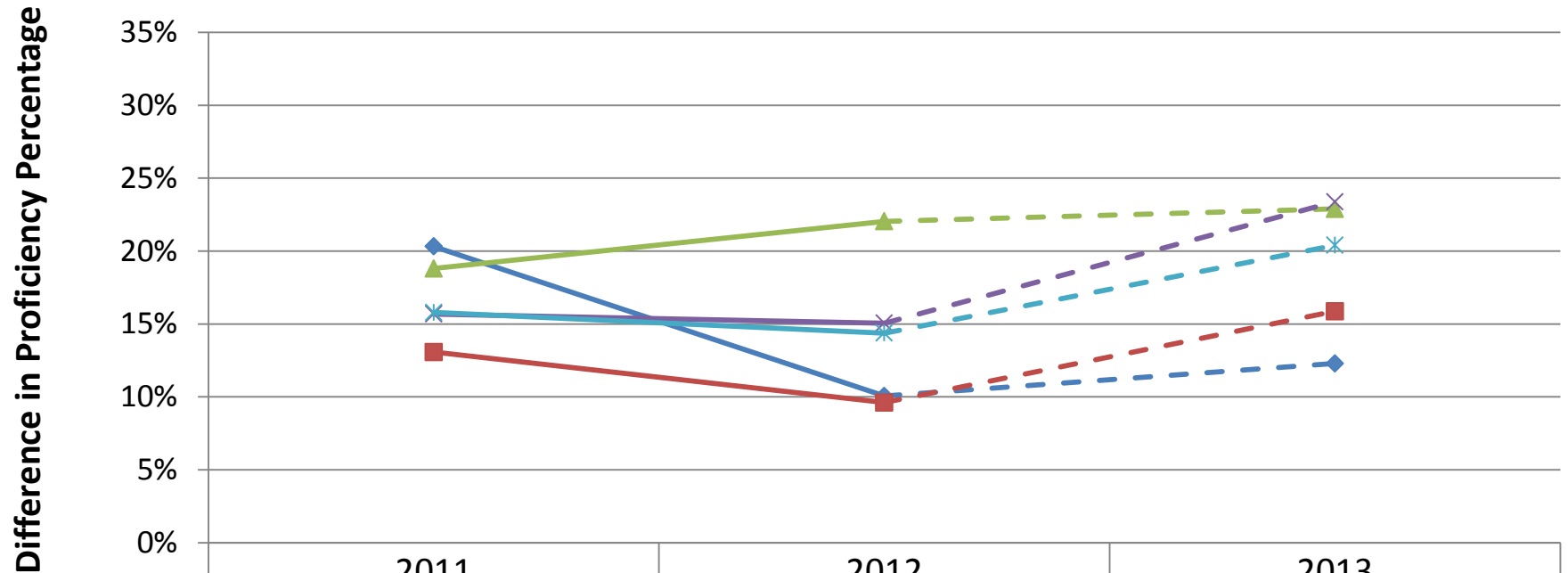


	2011	2012	2013
◆ Reading	15.8%	14.4%	20.4%
■ Math	21.4%	18.7%	18.8%
▲ Science	23.3%	23.9%	21.3%

Elementary achievement gap increased in reading with the new MCA-III

MCA All Accountability Reading: Elementary Gap Between White Students and Students of Each Ethnic Group

Note scale limit

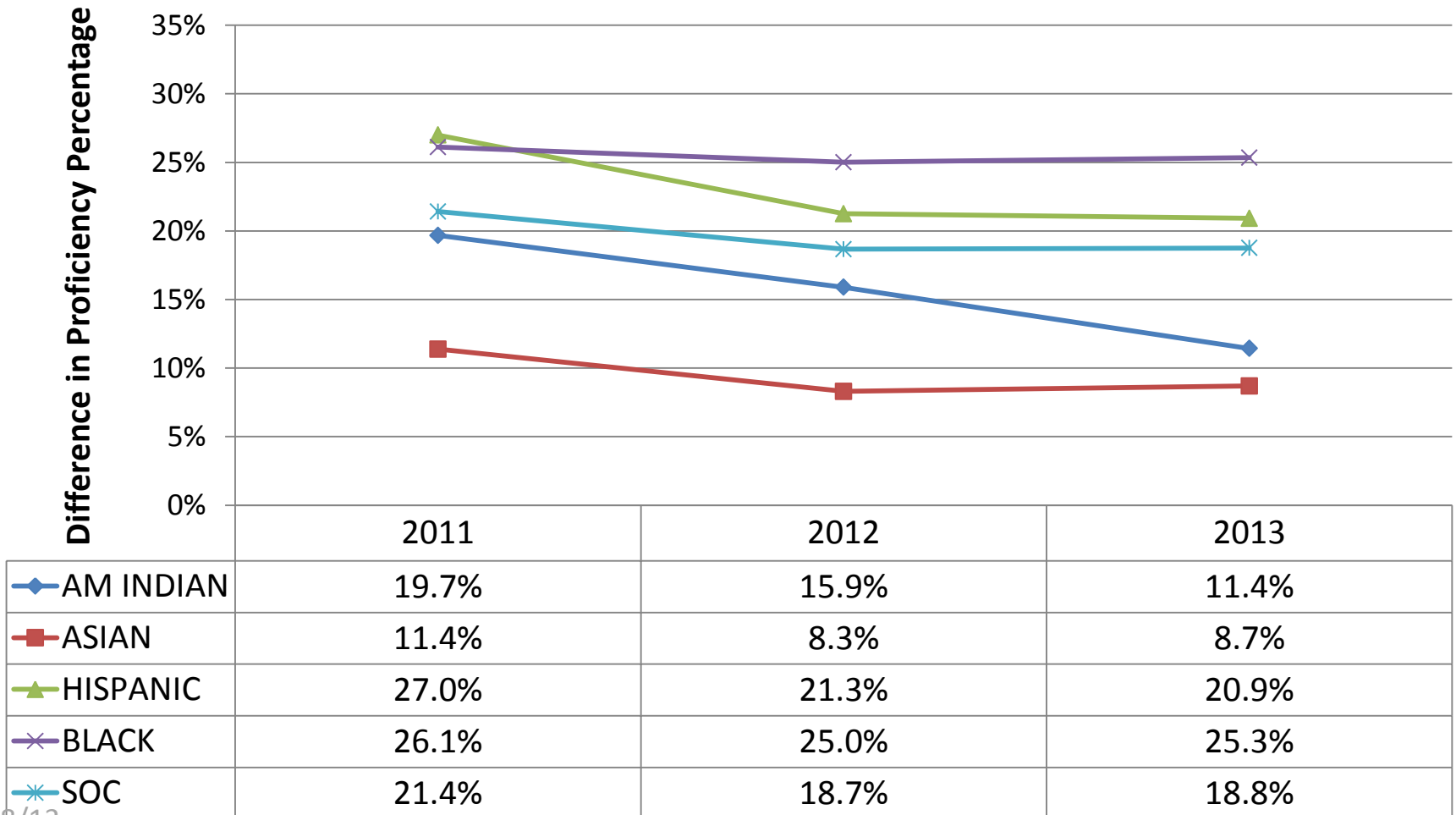


	2011	2012	2013
◆ AM INDIAN	20.3%	10.1%	12.3%
■ ASIAN	13.1%	9.6%	15.9%
▲ HISPANIC	18.8%	22.0%	22.9%
✕ BLACK	15.7%	15.1%	23.4%
* SOC	15.8%	14.4%	20.4%

Elementary achievement gap in math is slowly declining from 2011

MCA All Accountability Math: Elementary Gap Between White Students and Students of Each Ethnic Group

Note scale limit

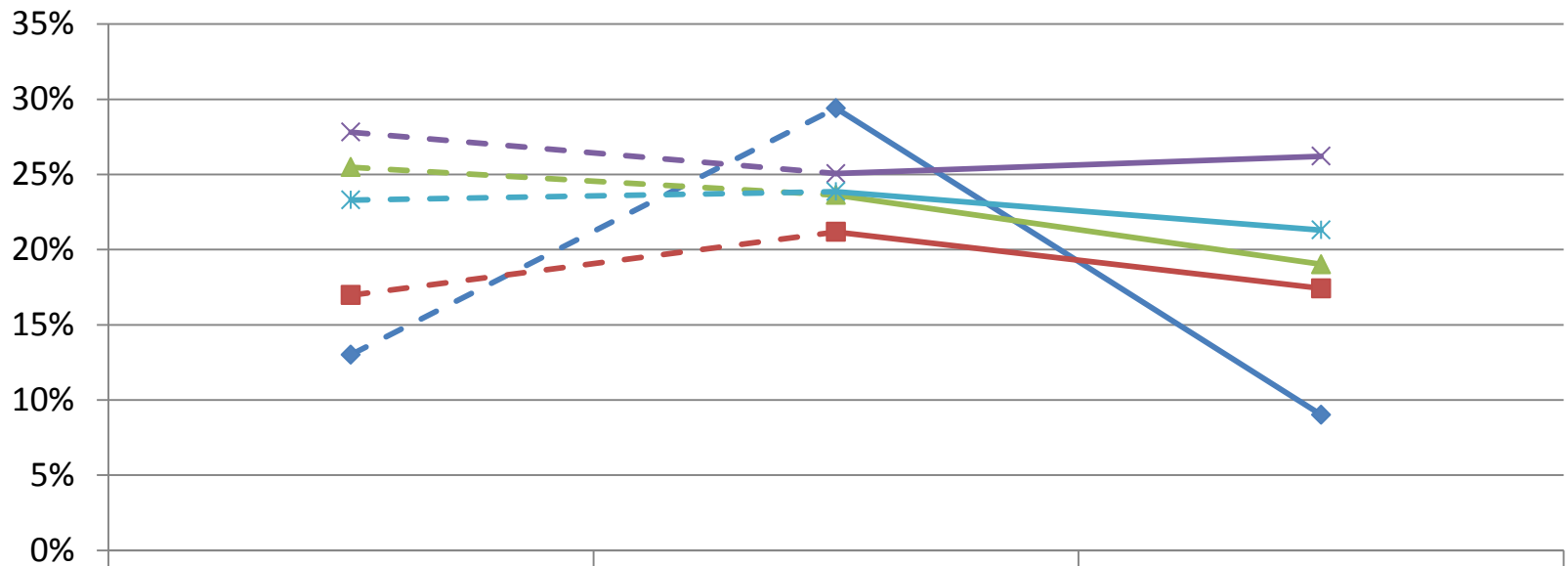


Elementary achievement gap in science is slowly declining from 2011

Note scale limit

MCA All Accountability Science: Elementary Gap Between White Students and Students of Each Ethnic Group

Difference in Proficiency Percentage



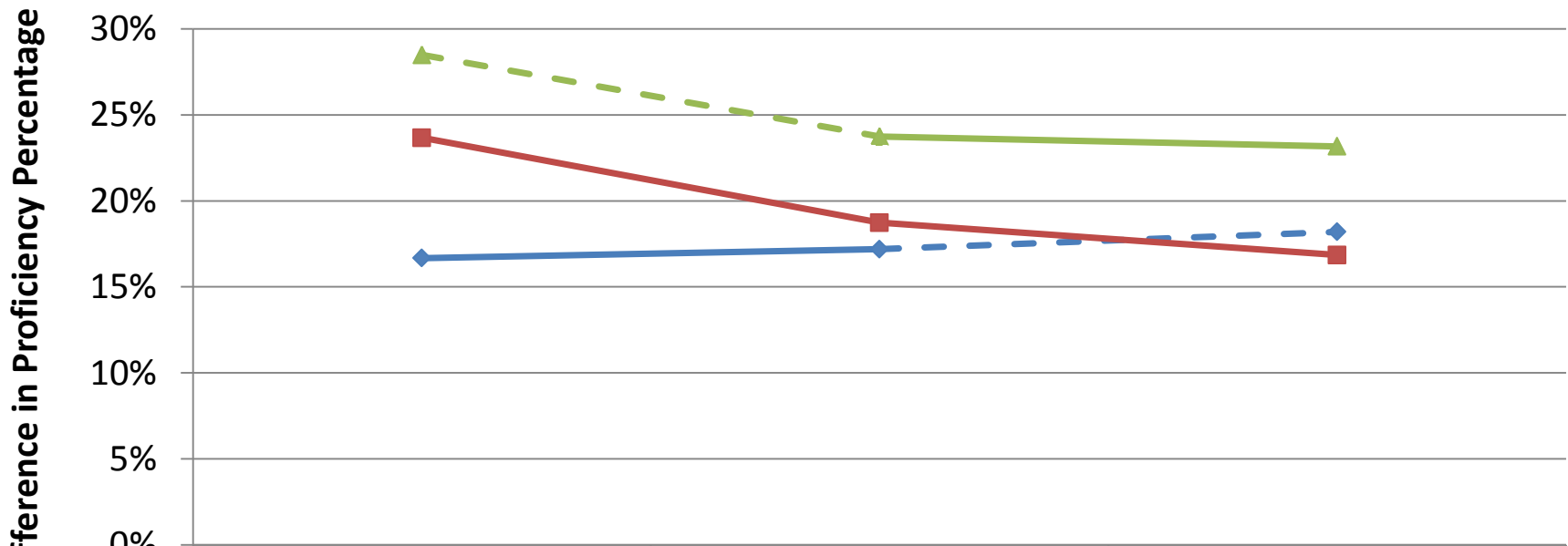
◆ AM INDIAN	13.0%	29.4%	9.0%
■ ASIAN	17.0%	21.2%	17.4%
▲ HISPANIC	25.5%	23.6%	19.0%
✕ BLACK	27.8%	25.1%	26.2%
✱ SOC	23.3%	23.9%	21.3%

MIDDLE SCHOOL MCA COMPARISONS

Middle School achievement gap in math and science is narrowing

Middle School: Gap Between White Students and Students of Color on MCA All Accountability Tests

Note scale limit



	2011	2012	2013
◆ Reading	16.7%	17.2%	18.2%
■ Math	23.7%	18.7%	16.9%
▲ Science	28.5%	23.7%	23.2%

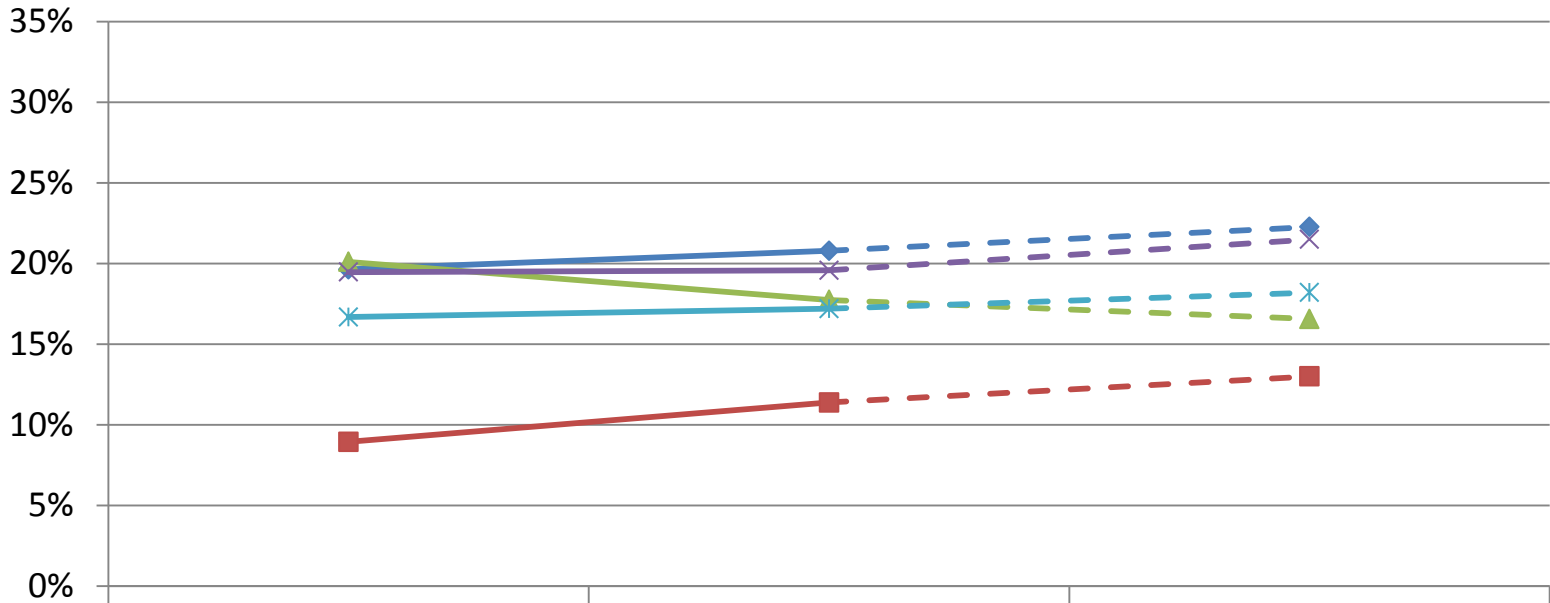
Note: Dotted line indicates a change in test from one year to the next.

Middle School achievement gap in reading increased slightly with new MCA-III

MCA All Accountability Reading: Middle School Gap Between White Students and Students of Each Ethnic Group

Note scale limit

Difference in Proficiency Percentage

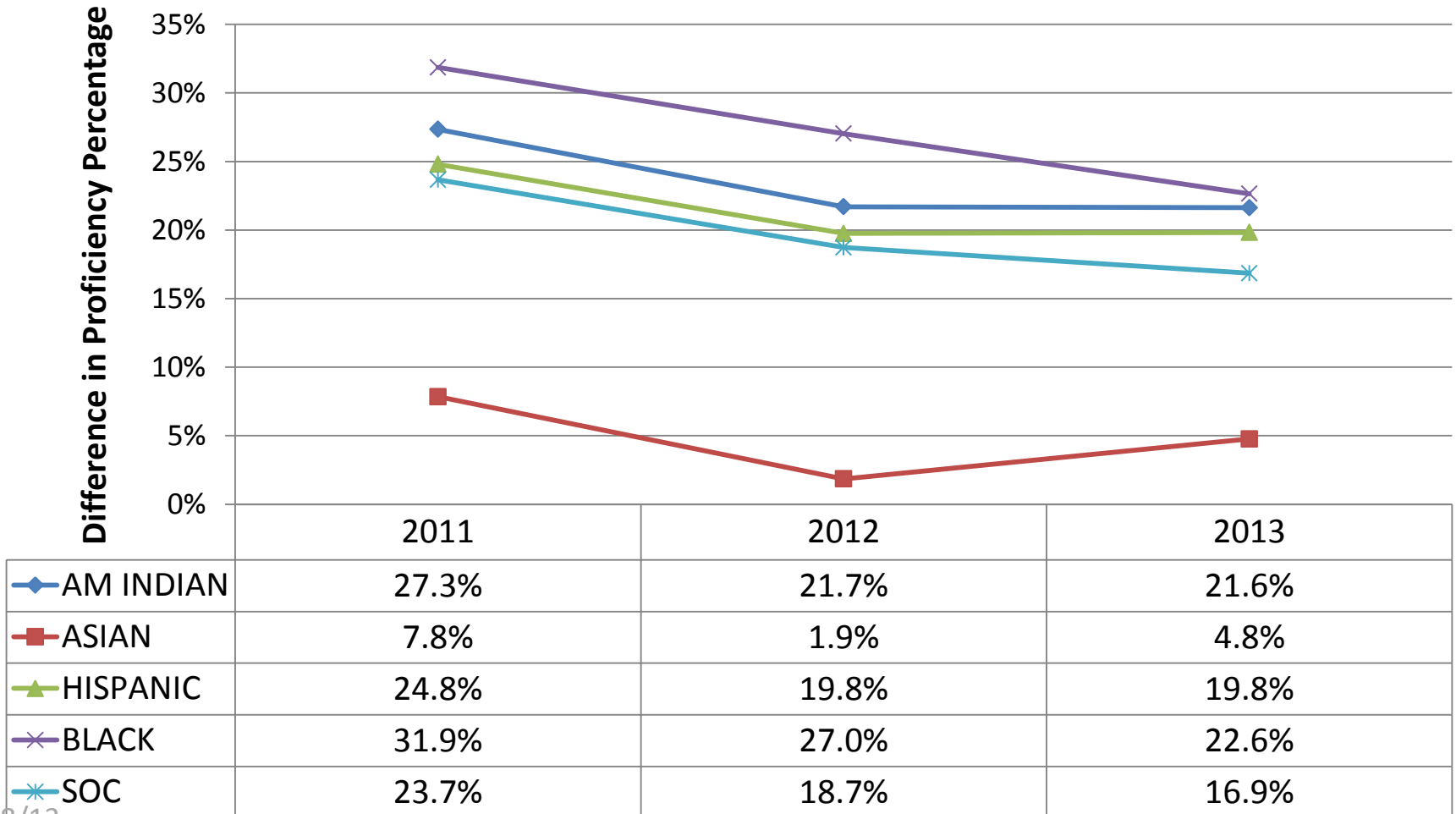


	2011	2012	2013
AM INDIAN	19.6%	20.8%	22.3%
ASIAN	8.9%	11.4%	13.0%
HISPANIC	20.1%	17.7%	16.6%
BLACK	19.5%	19.6%	21.5%
SOC	16.7%	17.2%	18.2%

Middle School achievement gap in math is narrowing from 2011

MCA All Accountability Math: Middle School Gap Between White Students and Students of Each Ethnic Group

Note scale limit

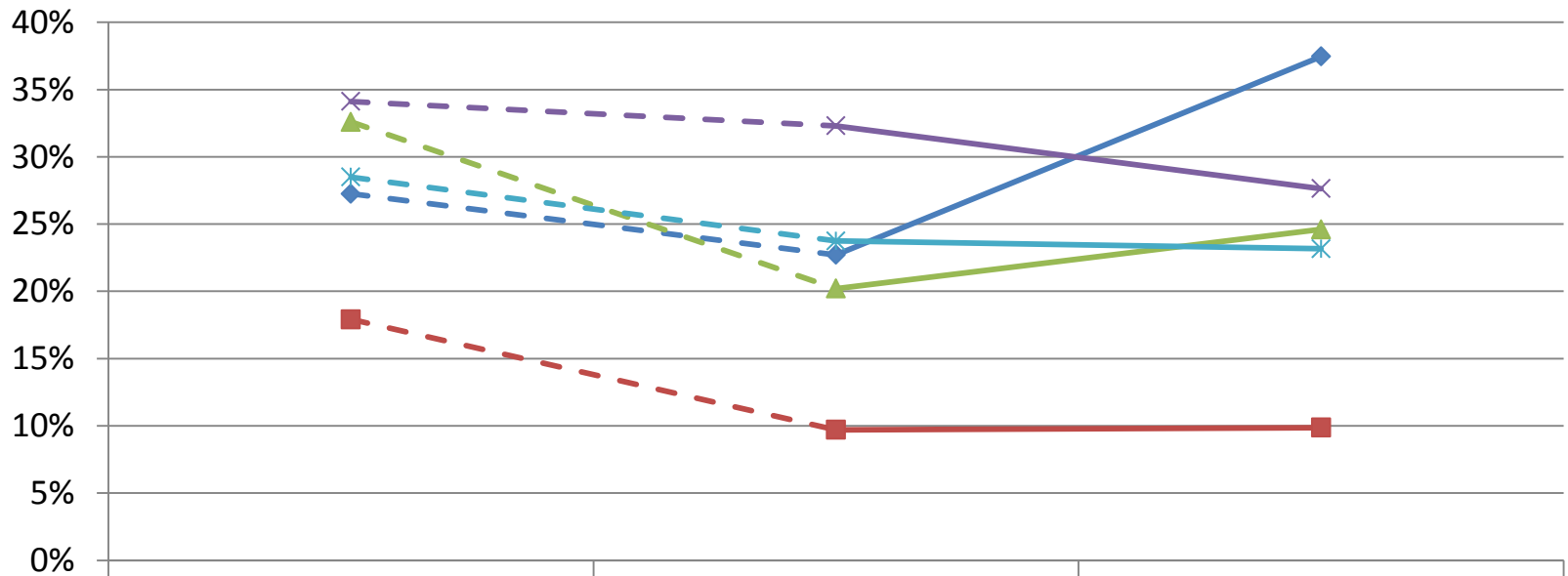


Middle School achievement gap in science is narrowing from 2011 for most groups

Note scale limit

MCA All Accountability Science: Middle School Gap Between White Students and Students of Each Ethnic Group

Difference in Proficiency Percentage



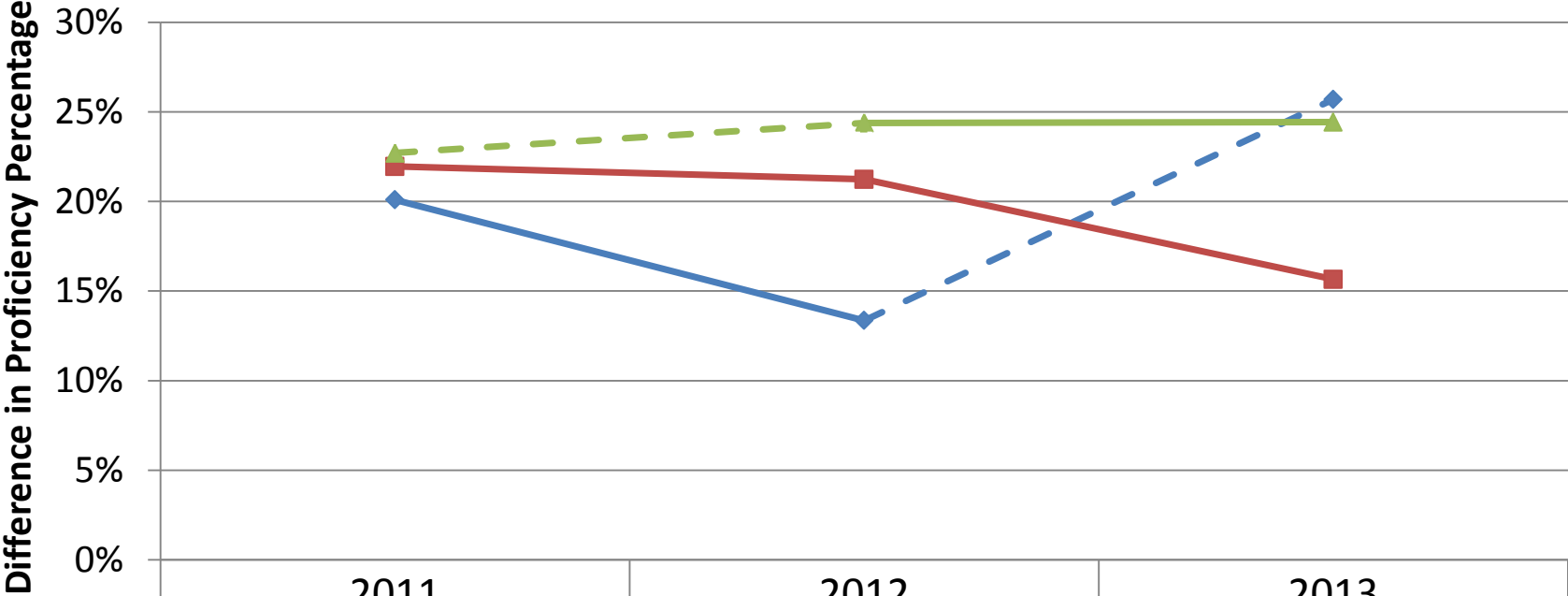
	2011	2012	2013
—◆— AM INDIAN	27.3%	22.7%	37.5%
—■— ASIAN	17.9%	9.7%	9.9%
—▲— HISPANIC	32.6%	20.2%	24.6%
—×— BLACK	34.1%	32.3%	27.6%
—*— SOC	28.5%	23.7%	23.2%

HIGH SCHOOL MCA COMPARISONS

High school achievement gap in math is narrowing significantly

High School: Gap Between White Students and Students of Color on MCA
All Accountability Tests

Note scale limit



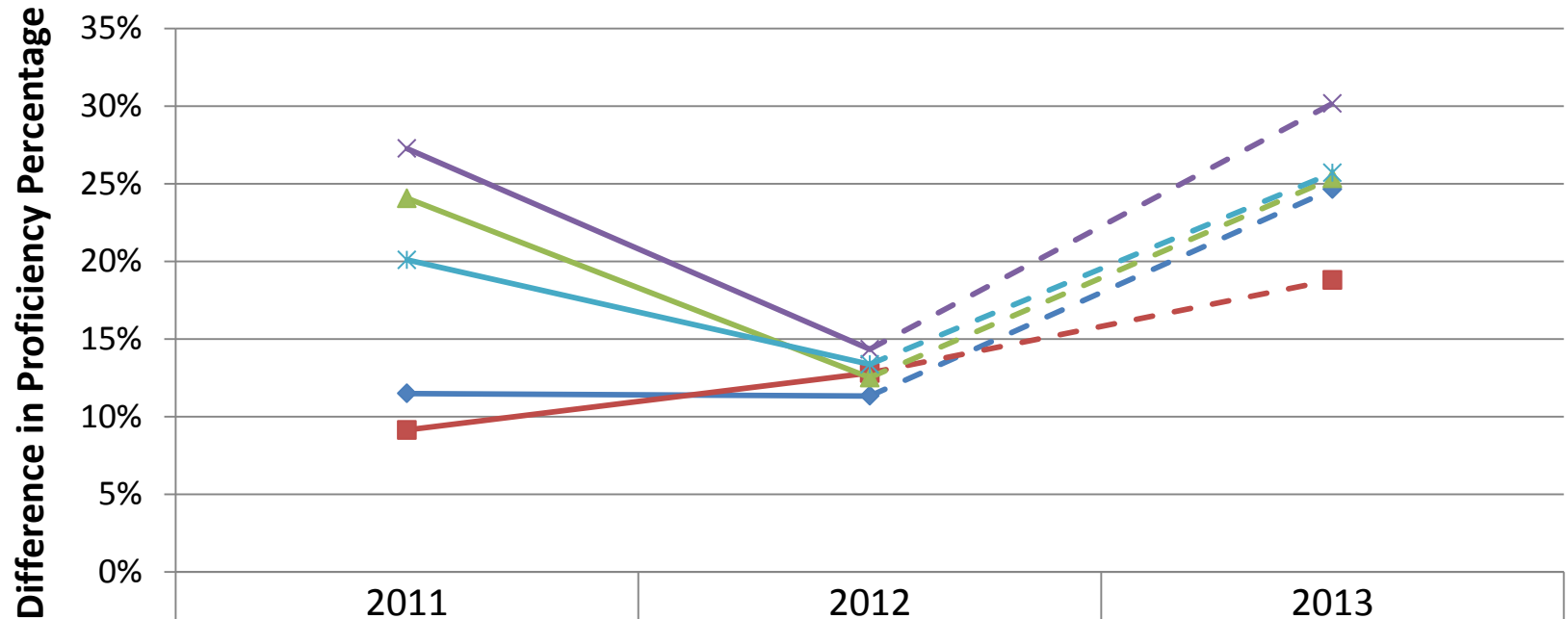
	2011	2012	2013
◆ Reading	20.1%	13.4%	25.7%
■ Math	22.0%	21.2%	15.6%
▲ Science	22.7%	24.4%	24.4%

Note: Dotted line indicates a change in test from one year to the next.

High school achievement gap in reading increased with the new MCA-III

MCA All Accountability Reading: High School Gap Between White Students and Students of Each Ethnic Group

Note scale limit



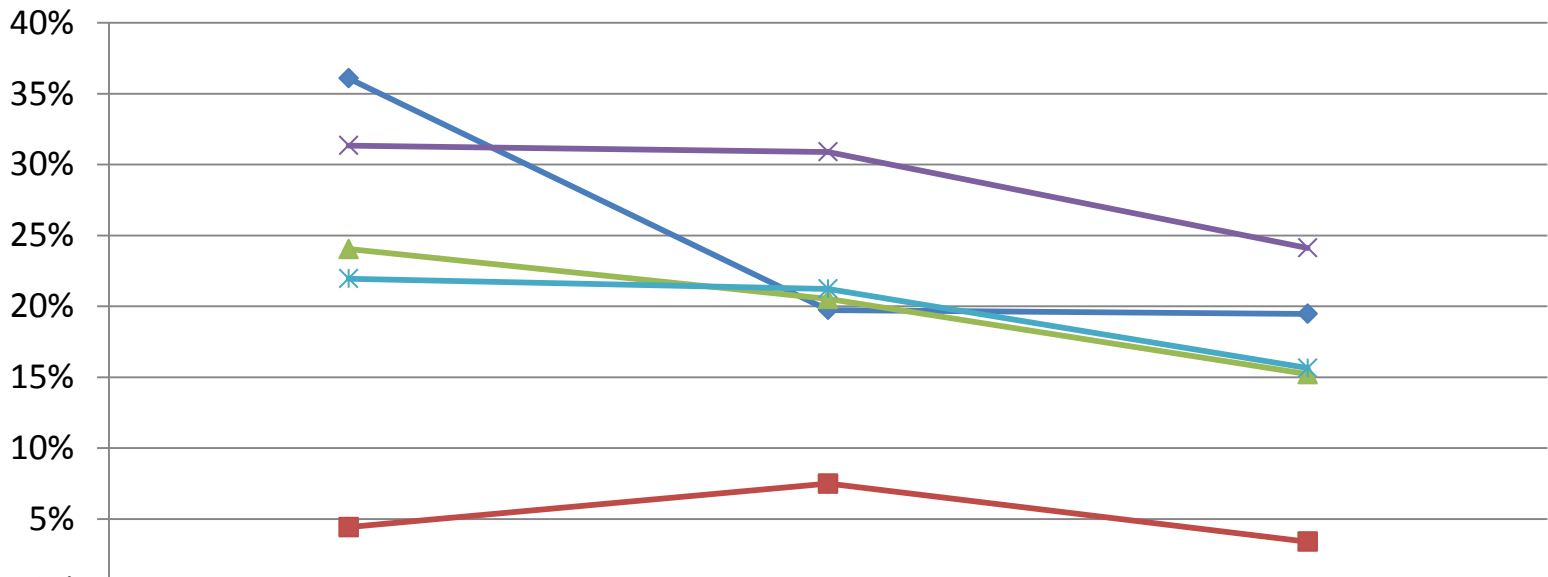
	2011	2012	2013
◆ AM INDIAN	11.5%	11.3%	24.7%
■ ASIAN	9.1%	12.8%	18.8%
▲ HISPANIC	24.1%	12.5%	25.3%
✕ BLACK	27.3%	14.3%	30.2%
* SOC	20.1%	13.4%	25.7%

High school achievement gap in math is narrowing for all ethnic groups

MCA All Accountability Math: High School Gap Between White Students and Students of Each Ethnic Group

Note scale limit

Difference in Proficiency Percentage

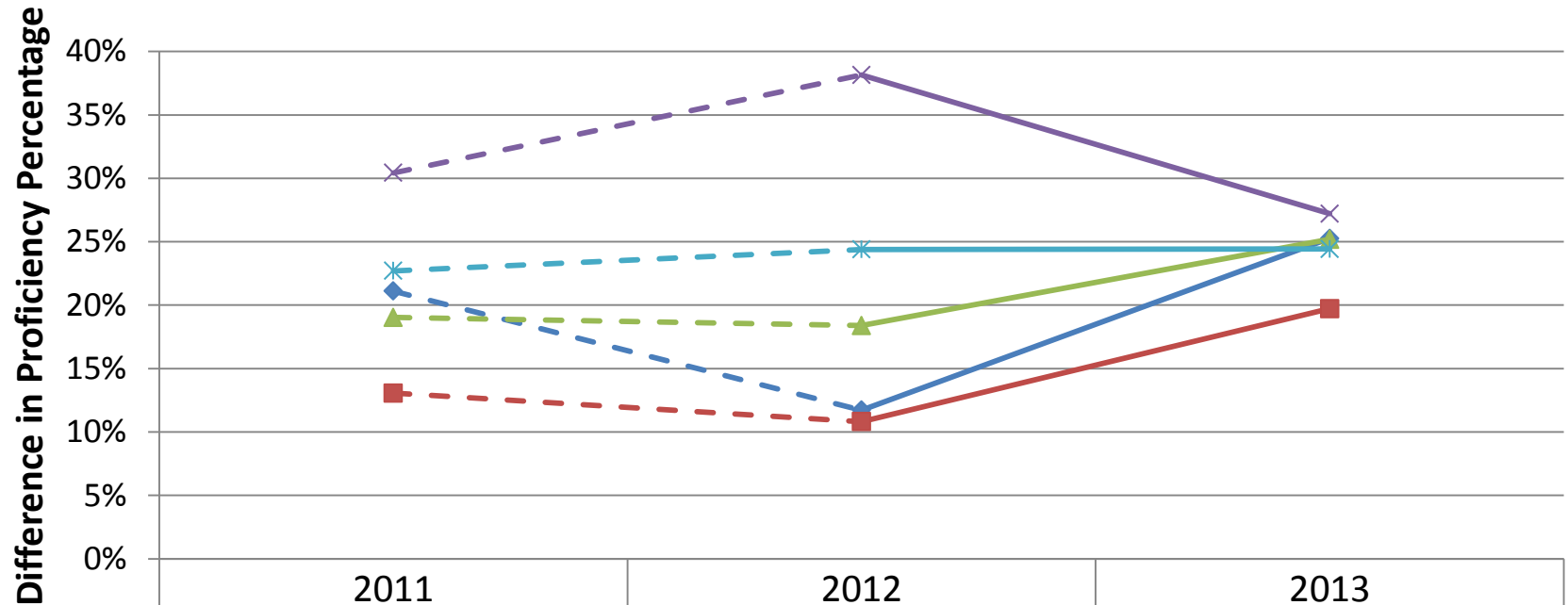


	2011	2012	2013
AM INDIAN	36.1%	19.7%	19.5%
ASIAN	4.4%	7.5%	3.4%
HISPANIC	24.0%	20.5%	15.2%
BLACK	31.3%	30.9%	24.1%
SOC	22.0%	21.2%	15.6%

High school achievement gap in science narrowed for black students

MCA All Accountability Science: High School Gap Between White Students and Students of Each Ethnic Group

Note scale limit

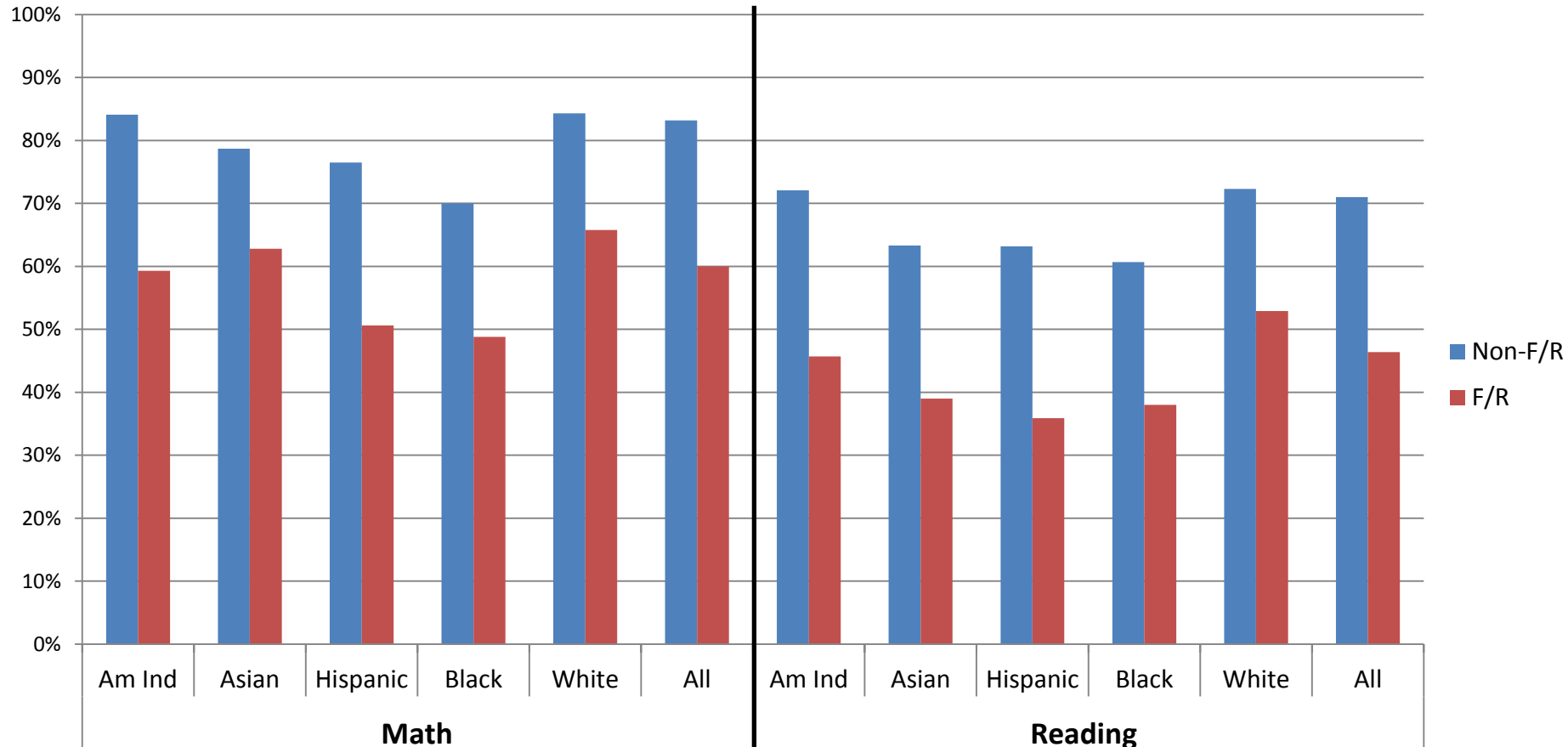


	2011	2012	2013
◆ AM INDIAN	21.1%	11.7%	25.3%
■ ASIAN	13.1%	10.8%	19.7%
▲ HISPANIC	19.0%	18.4%	25.2%
✕ BLACK	30.4%	38.1%	27.2%
* SOC	22.7%	24.4%	24.4%

**MCA COMPARISONS BY
FREE & REDUCED STATUS WITHIN
ETHNICITY**

Achievement gap within ethnic groups exist when considering free & reduced status

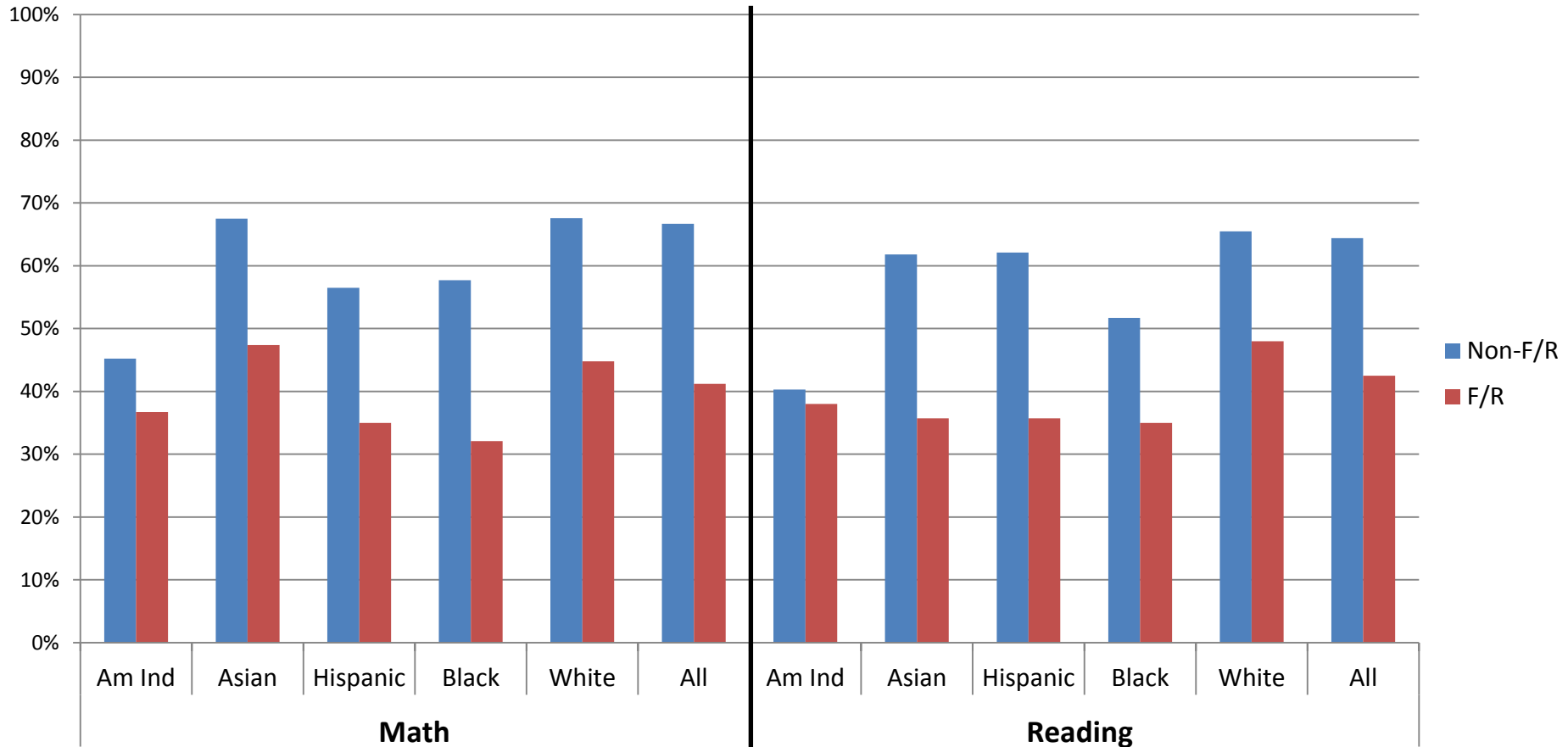
Proficiency Rates of Ethnic Groups by F/R Status: Elementary



GAP	24.8%	15.9%	25.9%	21.2%	18.5%	23.2%	26.4%	24.4%	27.3%	22.6%	19.3%	24.7%
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Achievement gap within Middle School American Indian student group is minimal related to economic status

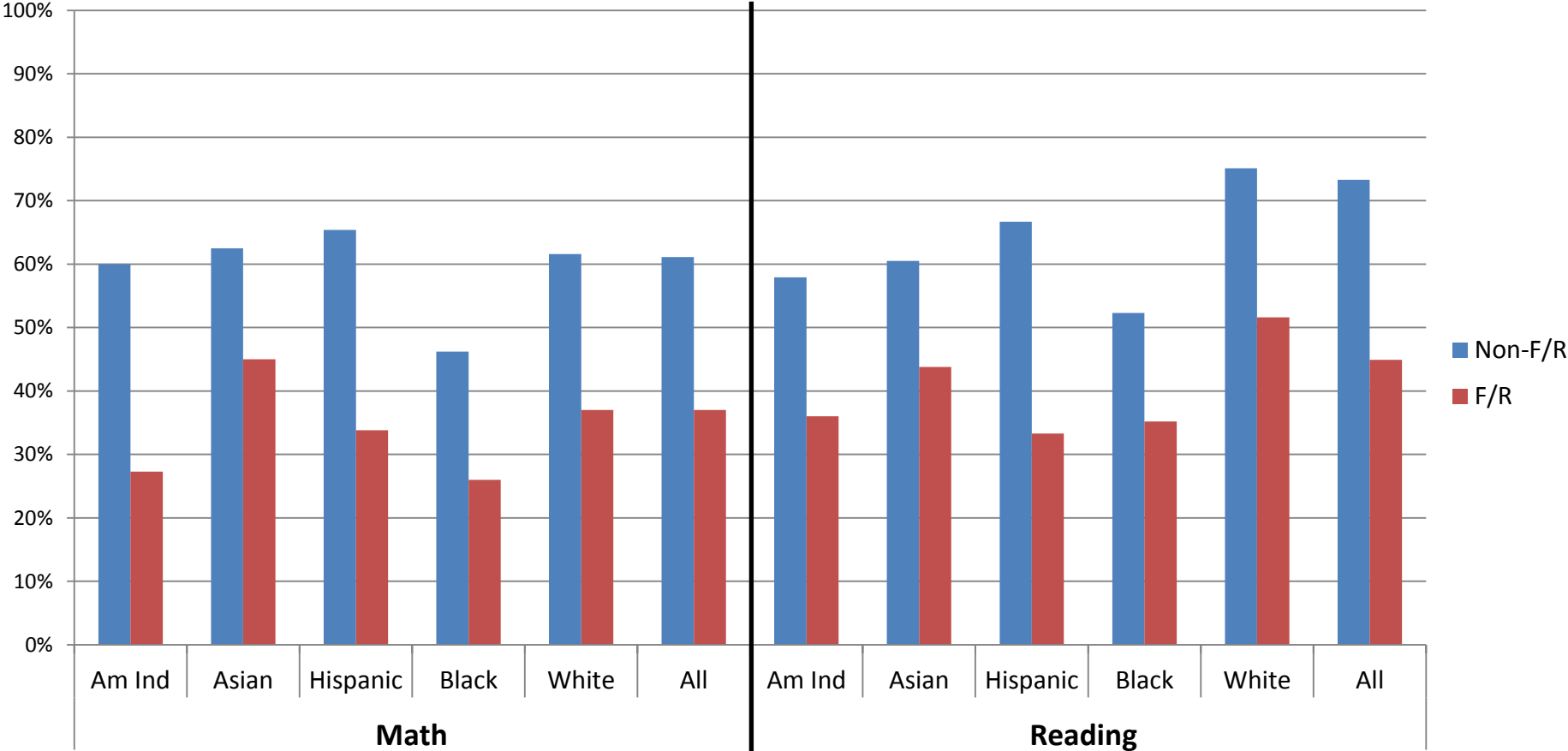
Proficiency Rates of Ethnic Groups by F/R Status: Middle School



GAP	8.5%	20.1%	21.6%	25.6%	22.8%	25.5%	2.3%	26.6%	26.4%	16.7%	17.6%	21.9%
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Achievement gap between ethnicities of similar economic status is less than within ethnicities

Proficiency Rates of Ethnic Groups by F/R Status: High School



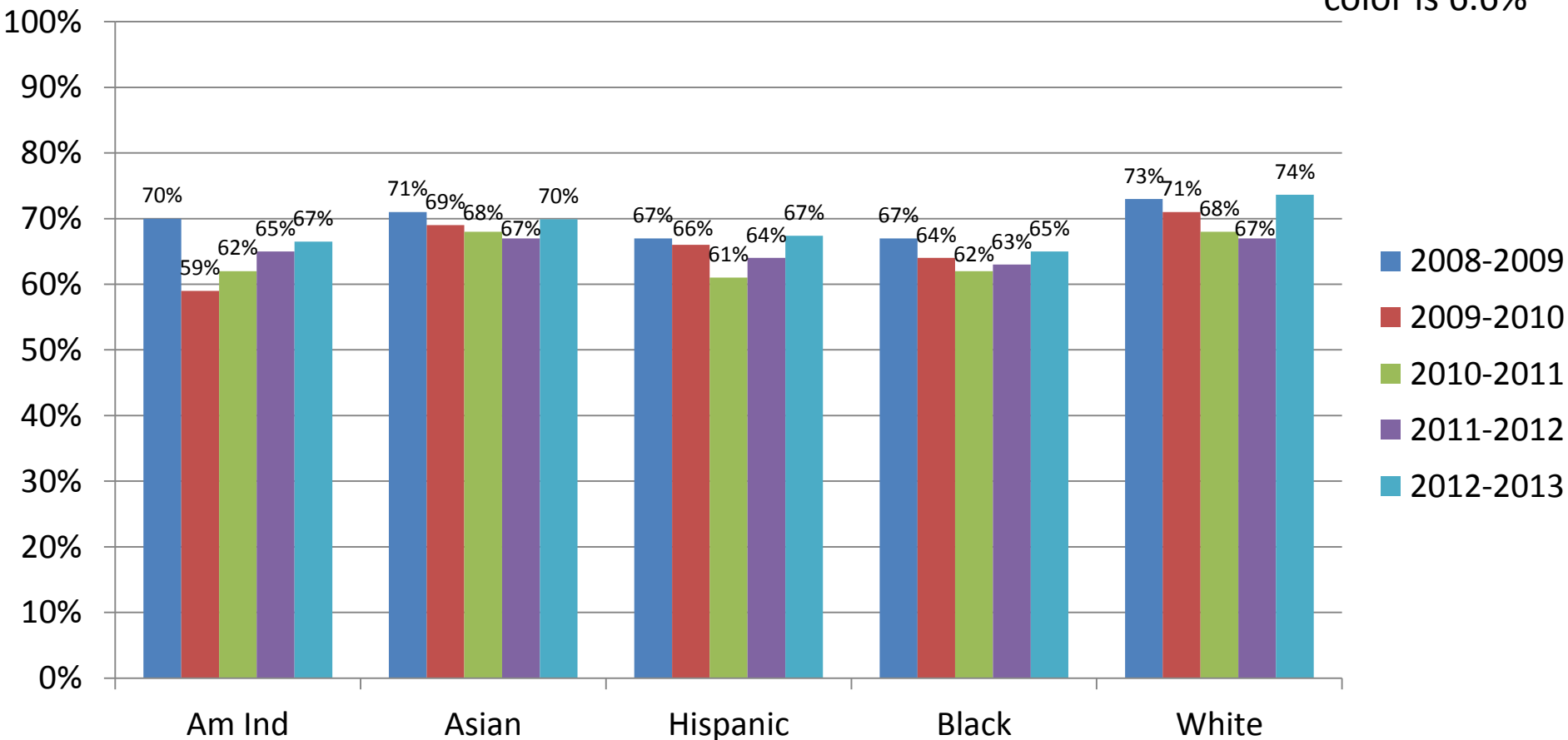
GAP	32.7%	17.5%	31.6%	20.3%	24.7%	26.0%	21.9%	16.7%	33.3%	17.1%	23.5%	28.3%
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ADDITIONAL COMPARISON DATA

The percent of students meeting MAP math growth increased for all ethnicities, yet the gap increased over last year

Gap between white and students of color is 6.6%

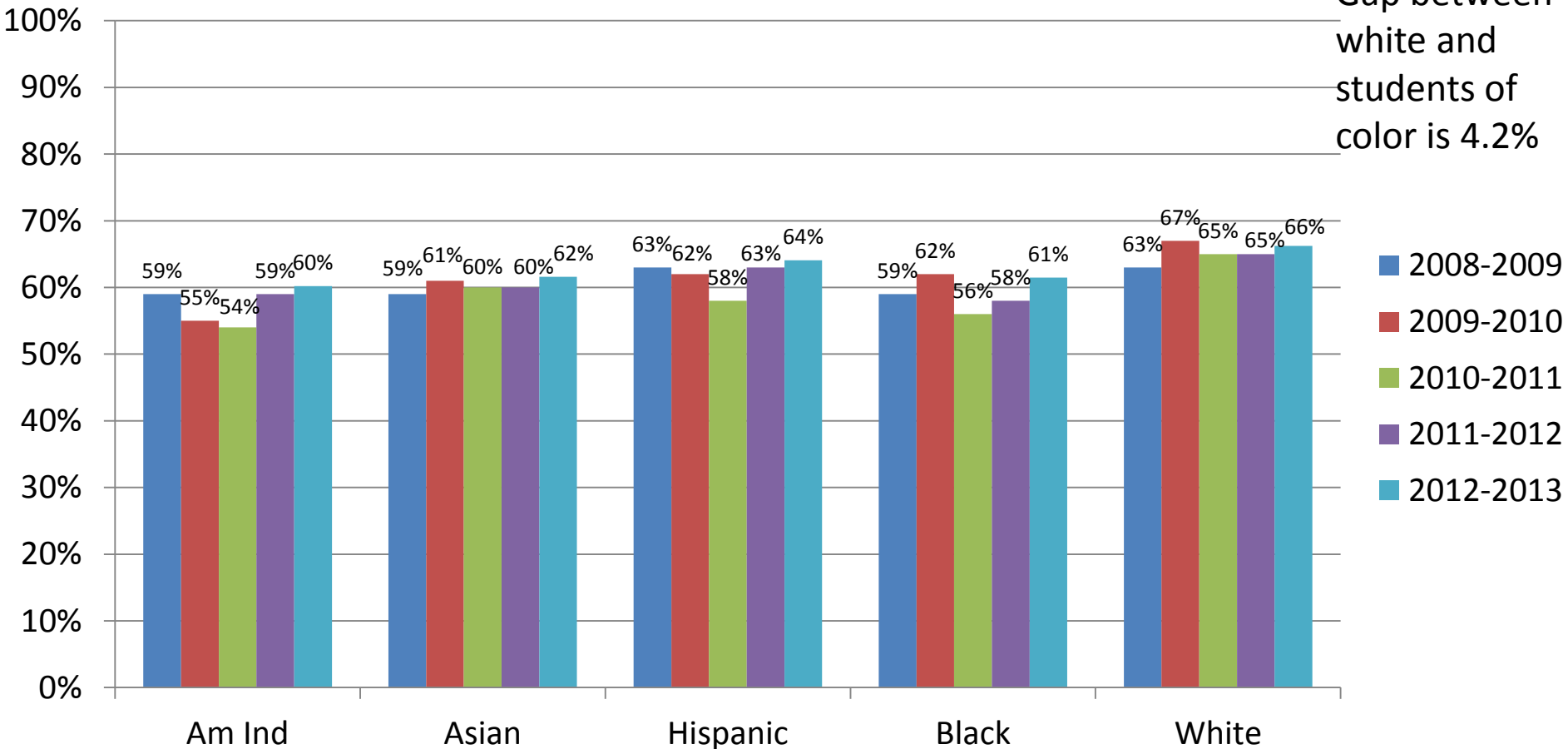
Percent of Students Meeting MAP Math Growth Targets



The Percent of Students Meeting MAP Reading Growth Targets has Varied Slightly within Ethnic Groups Overtime, yet the Gap is Narrowing

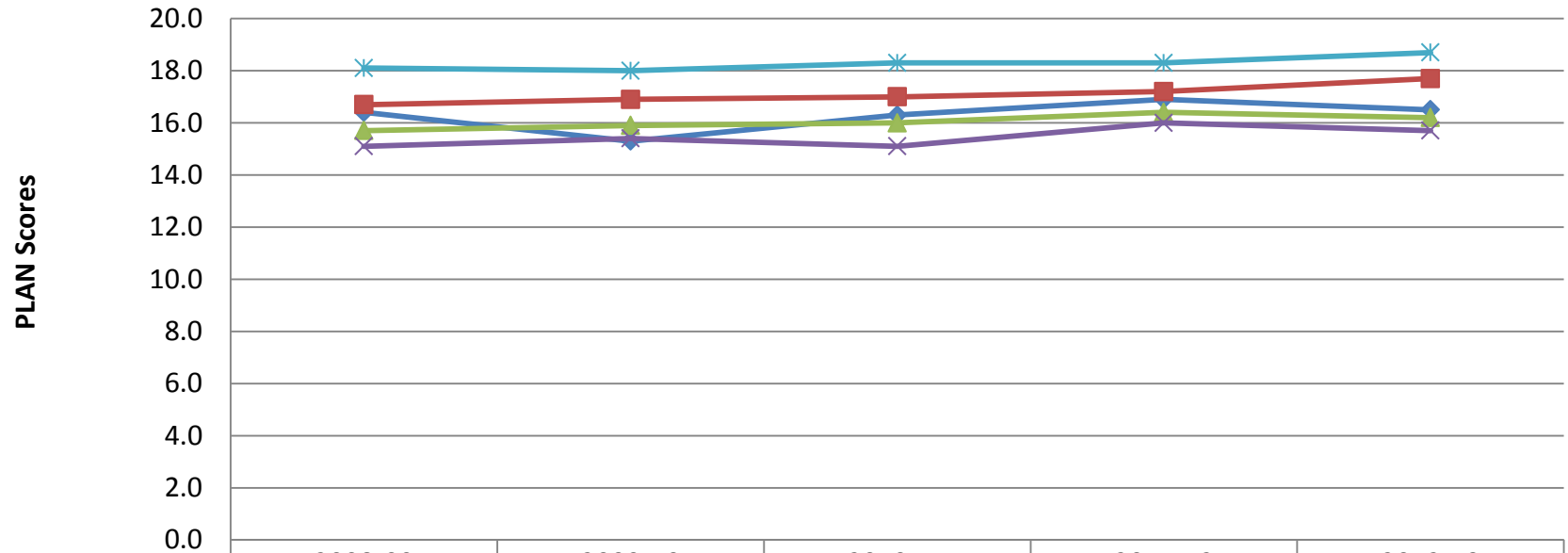
Percent of Students Meeting MAP Reading Growth Targets

Gap between white and students of color is 4.2%



Achievement gap between ethnicities for the PLAN composite has remained steady

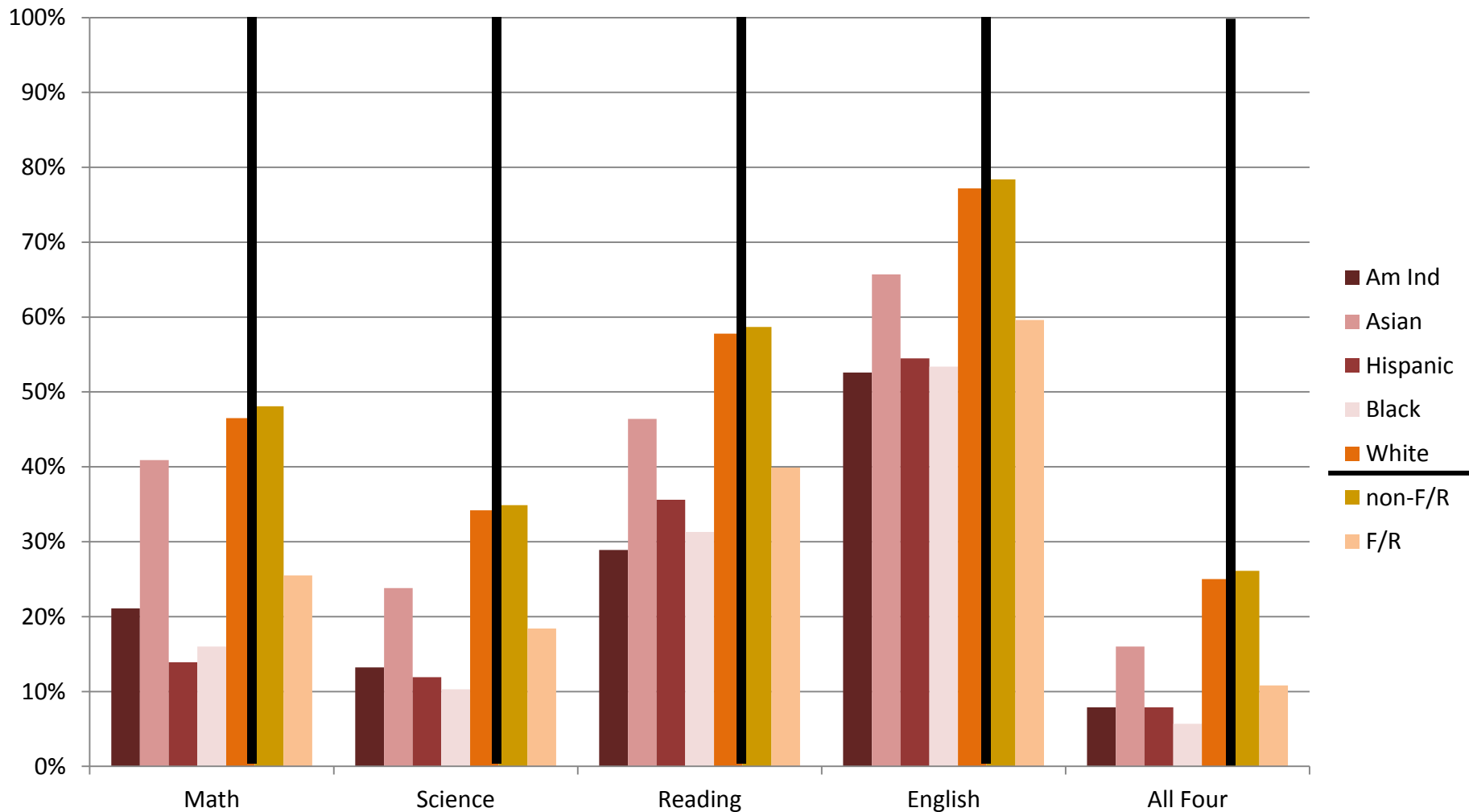
Anoka-Hennepin PLAN Average Composite Score by Ethnicity



	2008-09	2009-10	2010-11	2011-12	2012-13
American Indian	16.4	15.3	16.3	16.9	16.5
Asian/Pacific Islander	16.7	16.9	17.0	17.2	17.7
Hispanic	15.7	15.9	16.0	16.4	16.2
Black	15.1	15.4	15.1	16.0	15.7
White	18.1	18.0	18.3	18.3	18.7

The largest PLAN composite score gap between ethnic groups widened from **2.3** in 2011-12 to **3.0** in 2012-13.

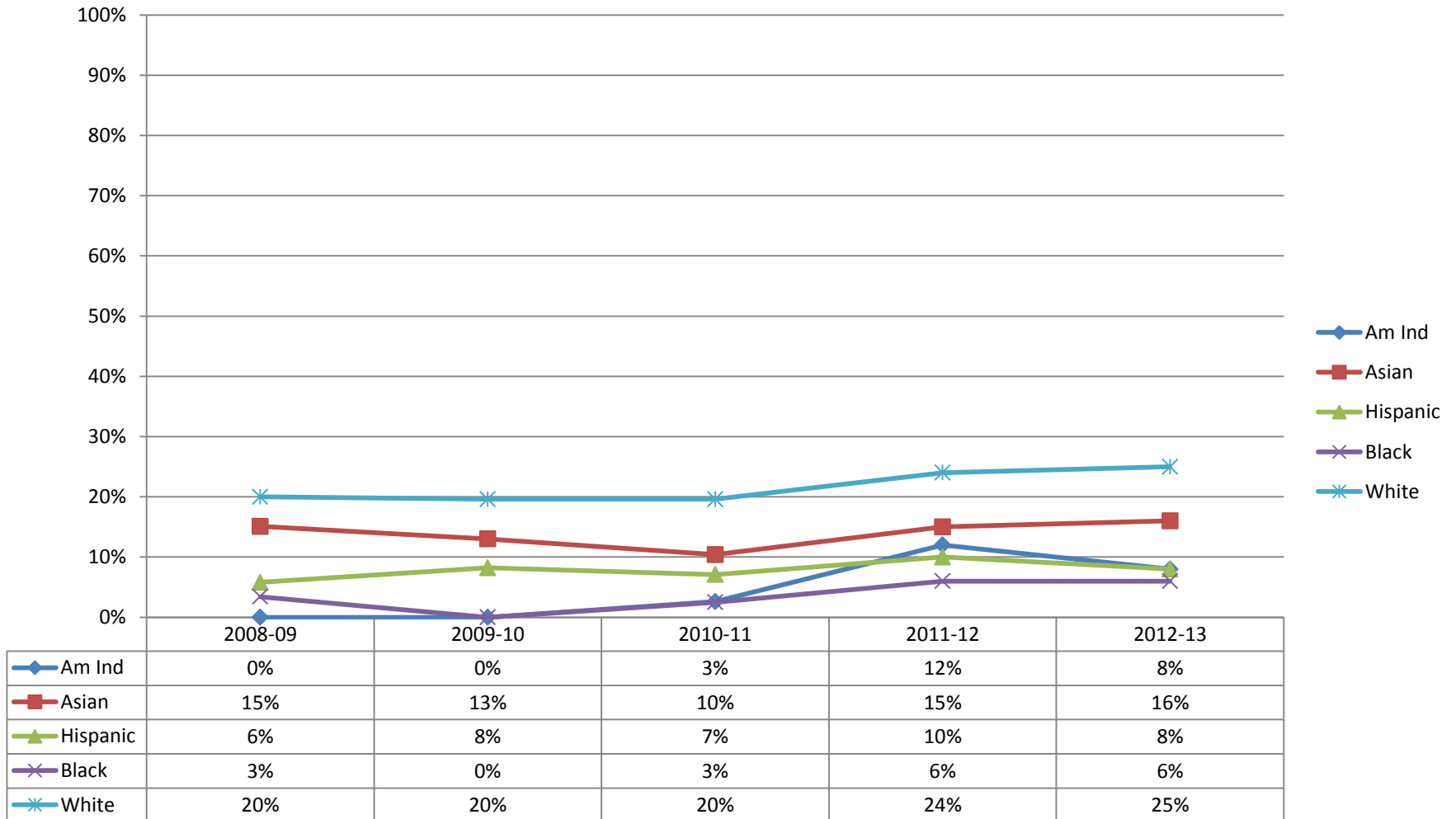
Percent of students meeting the PLAN college readiness benchmarks by subject and student group: 2012-13



Note: All grade 10 students take the PLAN in the fall.

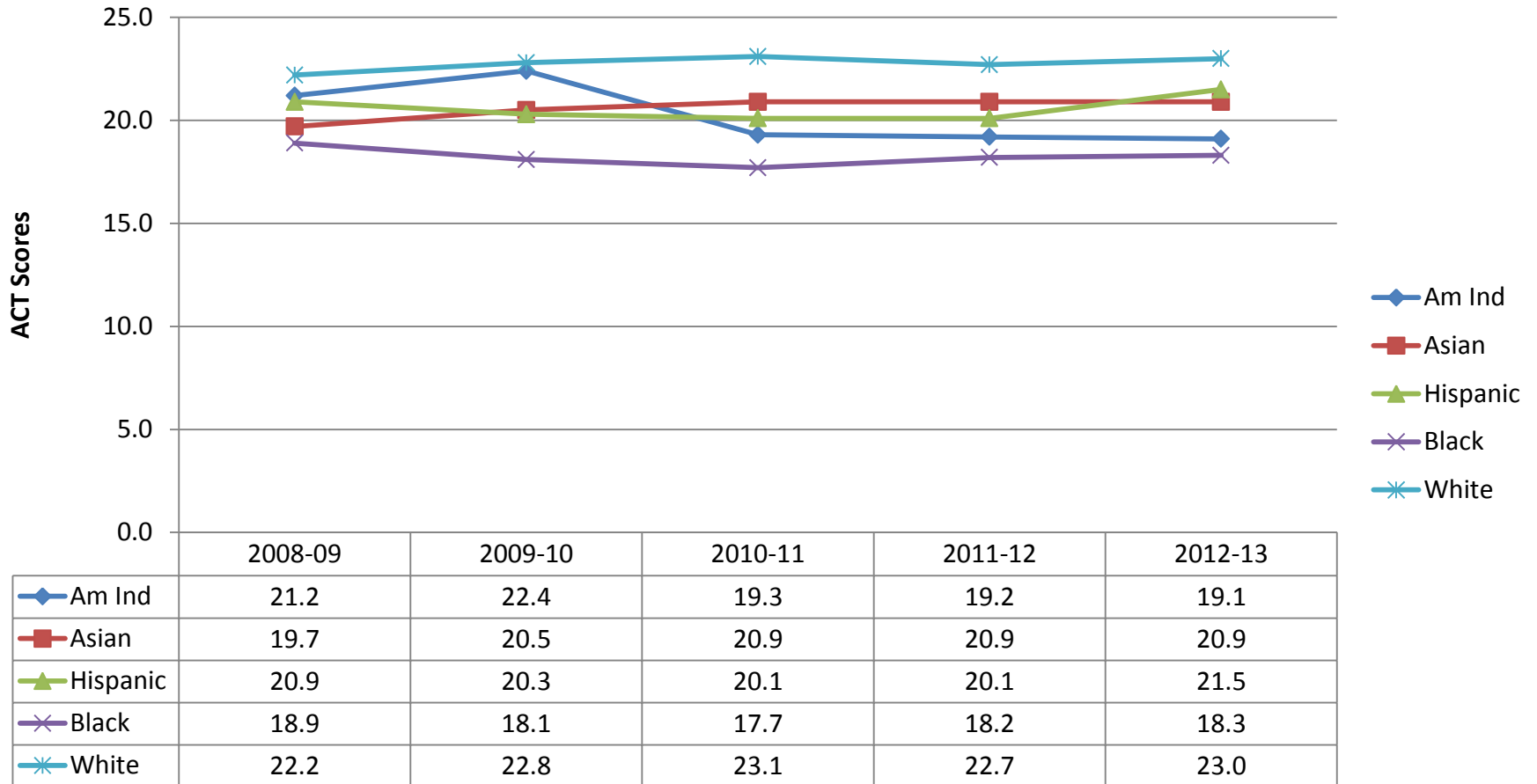
Achievement gap for students meeting PLAN benchmarks is relatively steady

Percent of Students Meeting All Four PLAN Benchmarks by Ethnicity



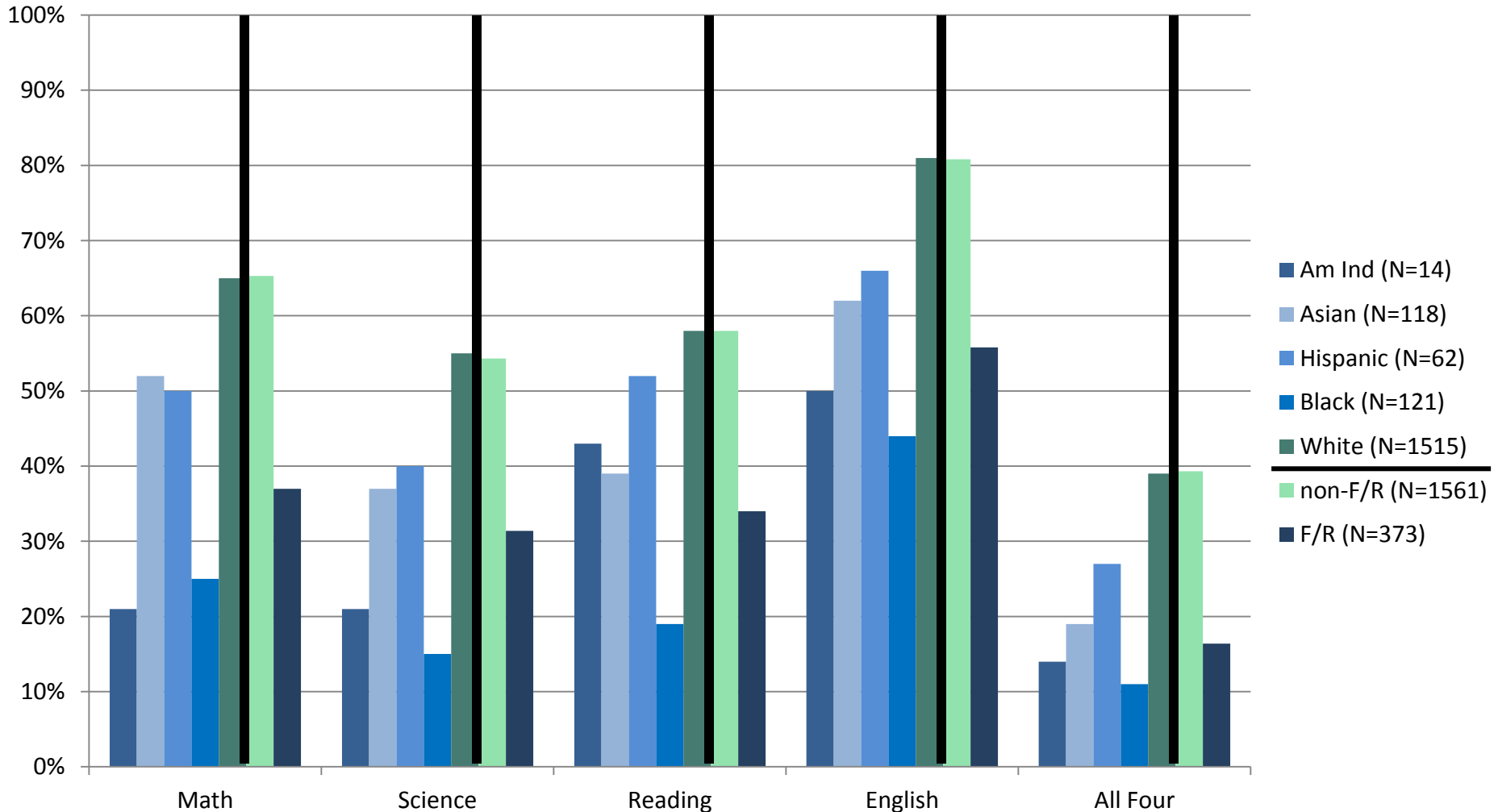
Achievement gap between ethnicities for the ACT composite has remained steady

Anoka-Hennepin ACT Average Composite Score by Ethnicity



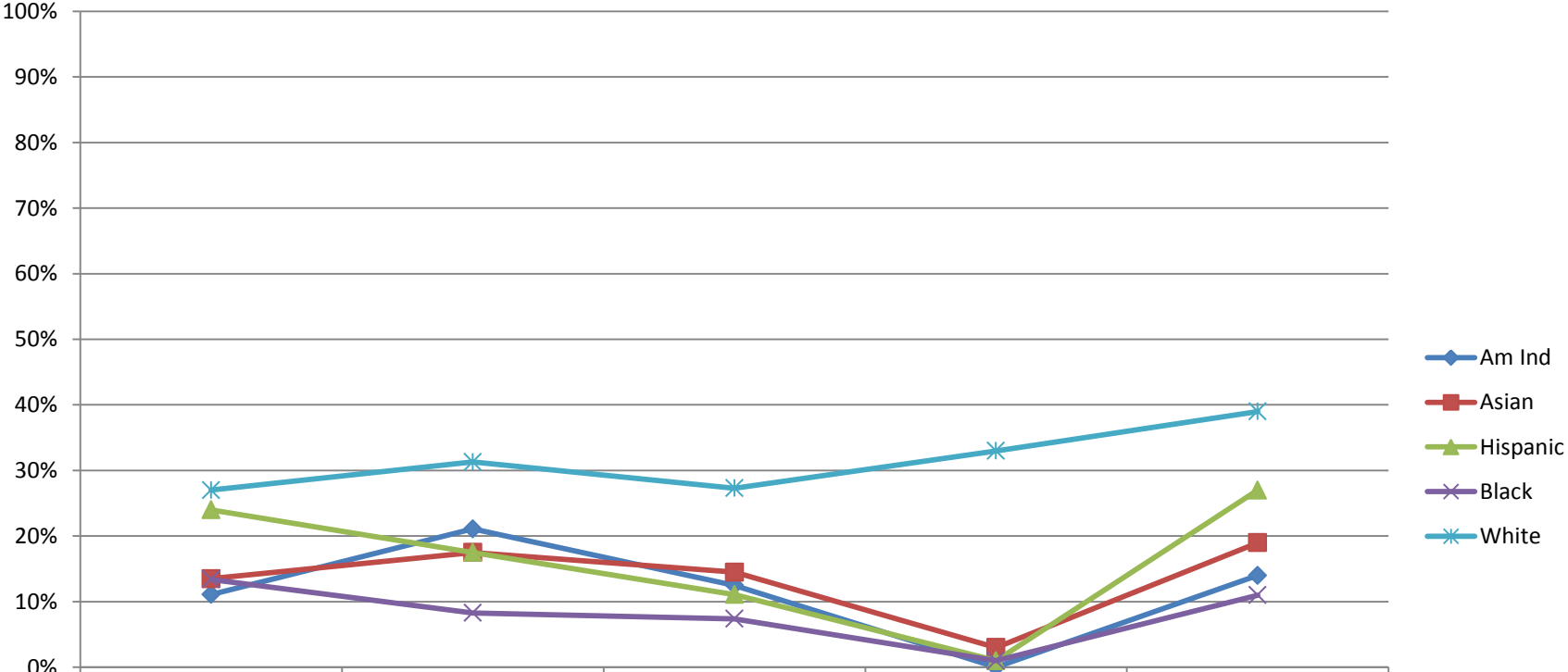
The largest ACT composite score gap between ethnic groups remained relatively constant from 2011-12 to 2012-13 (**4.5** and **4.7**, respectively).

Percent of Students Meeting the ACT College Readiness Benchmarks by Subject and Student Group: 2012-13



Achievement gap narrowed between white and students of color in meeting ACT benchmarks

Percent of Students Meeting All Four ACT Benchmarks by Ethnicity

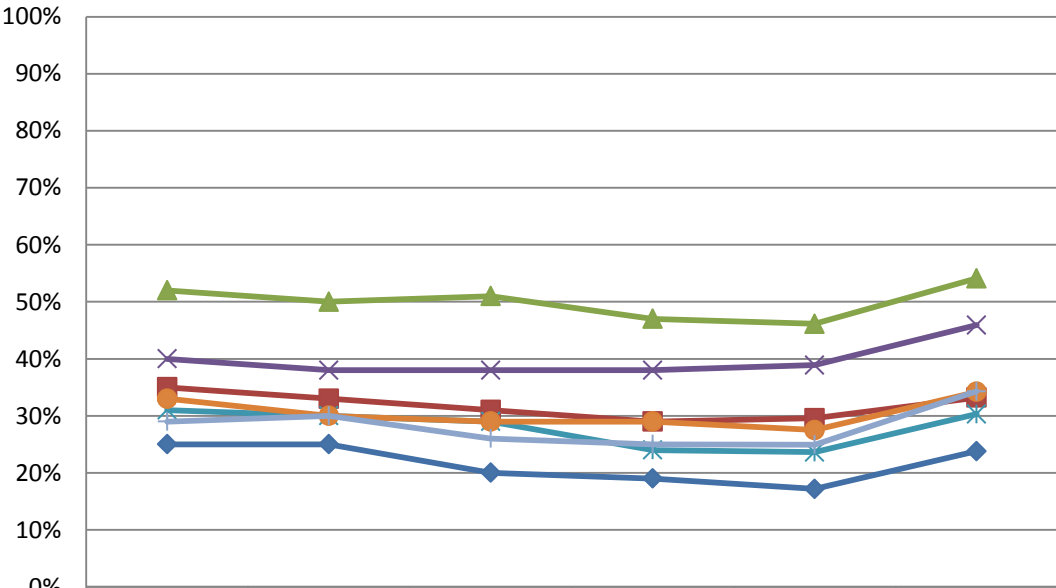


	2008-09	2009-10	2010-11	2011-12	2012-13
Am Ind	11%	21%	13%	0%	14%
Asian	14%	18%	15%	3%	19%
Hispanic	24%	18%	11%	1%	27%
Black	13%	8%	7%	1%	11%
White	27%	31%	27%	33%	39%

**DISTRICT-TO-DISTRICT MCA
BLACK/WHITE ACHIEVEMENT GAP
COMPARISONS**

Achievement gap in Anoka-Hennepin narrowed most compared to other districts

Anoka-Hennepin Black-White MCA Reading Achievement Gap: 2008-2013*

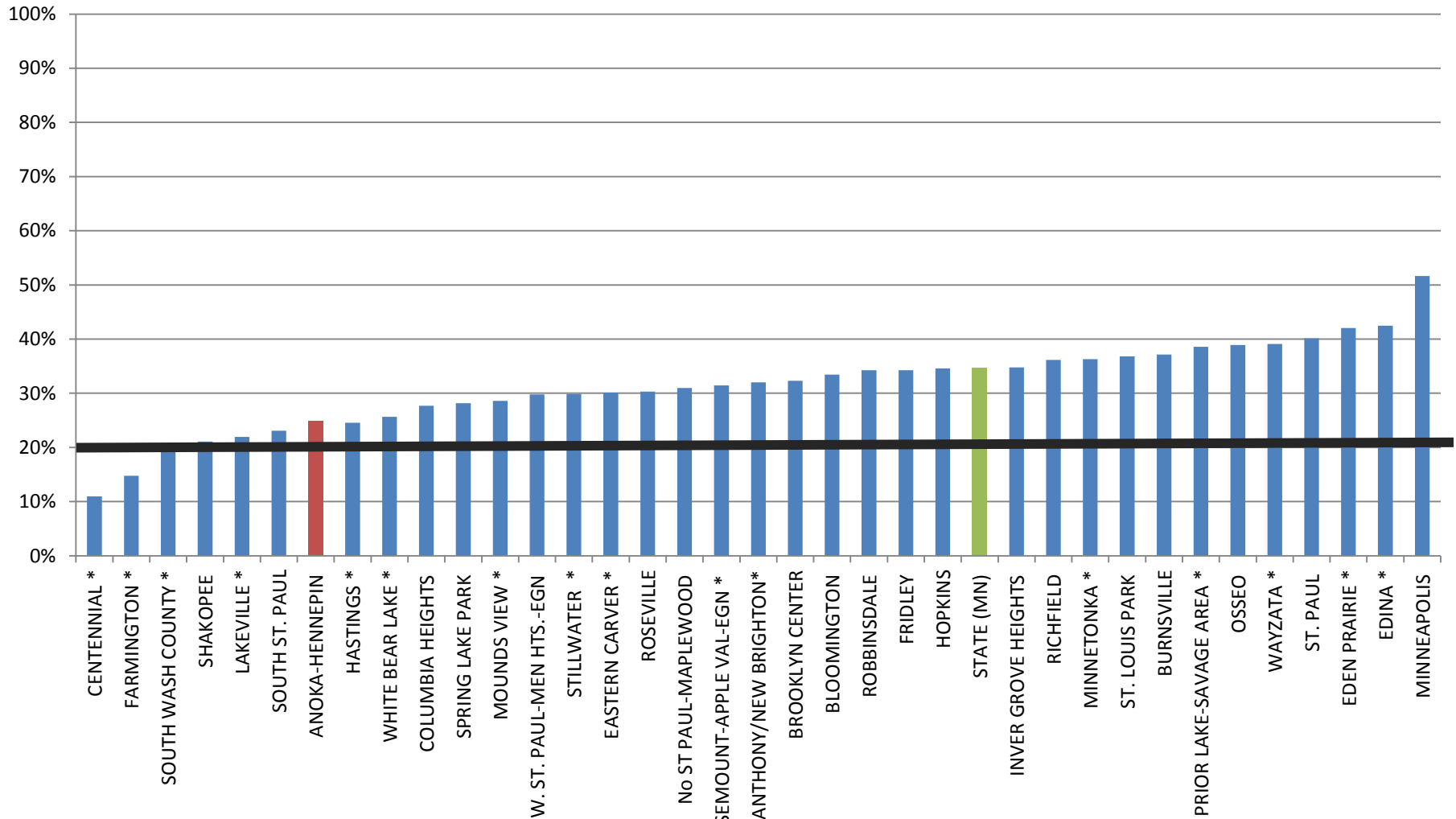


	2008	2009	2010	2011	2012	2013
◆ Anoka-Hennepin	25%	25%	20%	19%	17%	24%
■ State	35%	33%	31%	29%	30%	33%
▲ MPLS	52%	50%	51%	47%	46%	54%
× St. Paul	40%	38%	38%	38%	39%	46%
✱ RAVE	31%	30%	29%	24%	24%	30%
● Bloomington	33%	30%	29%	29%	28%	34%
+ Mounds View	29%	30%	26%	25%	25%	34%

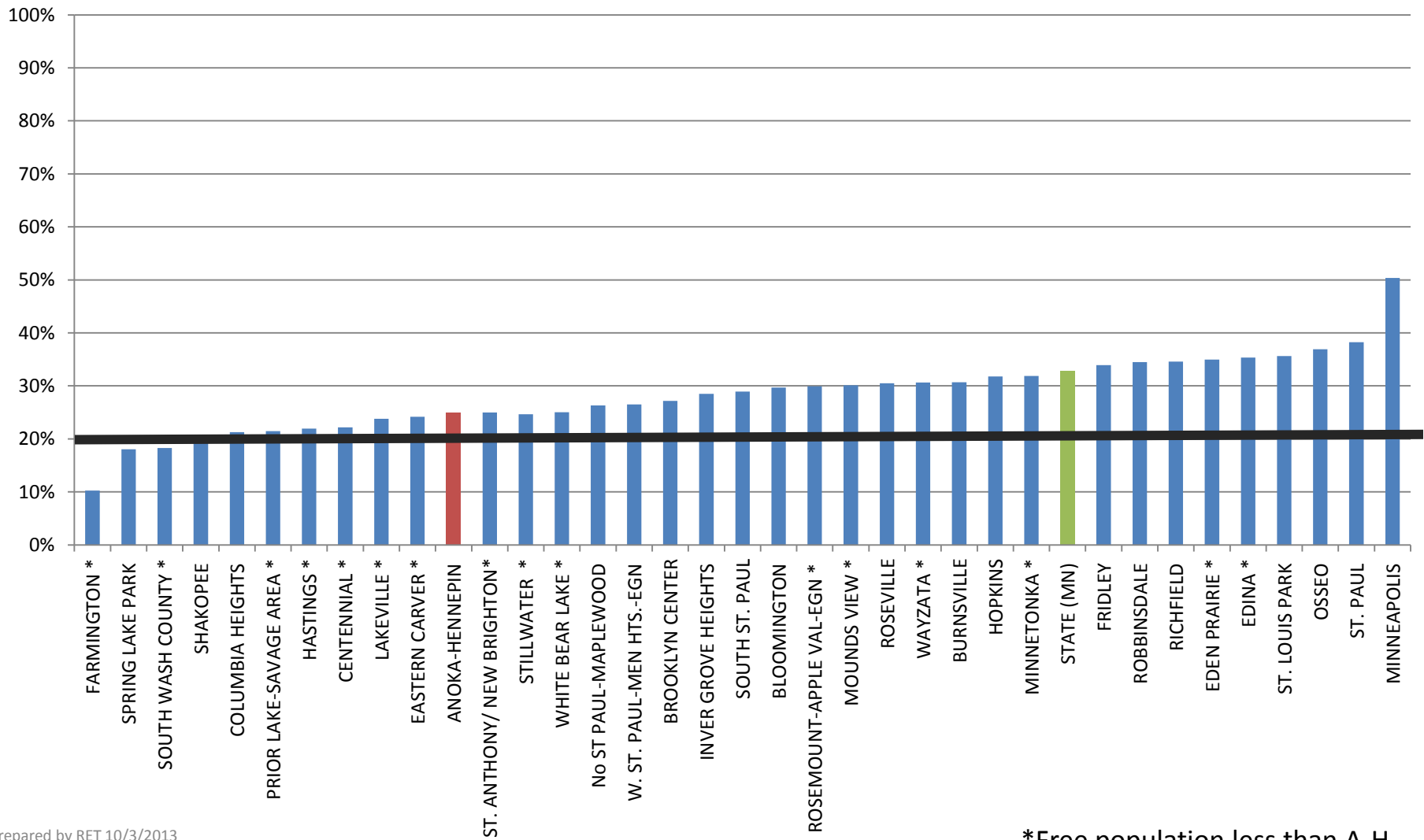
	% change from 2008 to 2013
Anoka-Hennepin	-5%
State	-5%
MPLS	+4%
St. Paul	+15%
Rosemount-Apple Valley-Eagan (RAVE)	-2%
Bloomington	+4%
Mounds View	+18%

*Note: Change in test in 2013

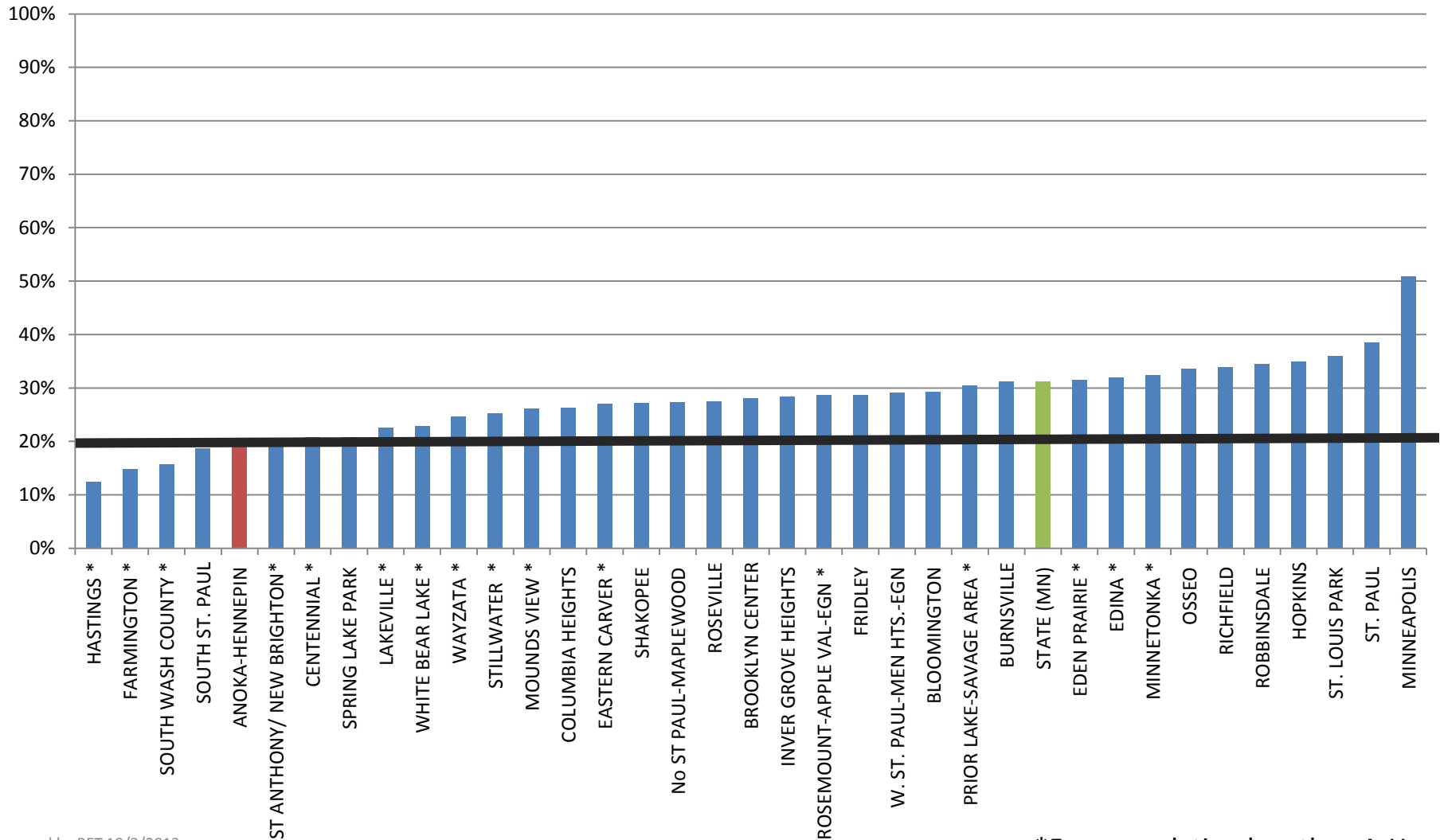
2008 black-white MCA reading achievement gap



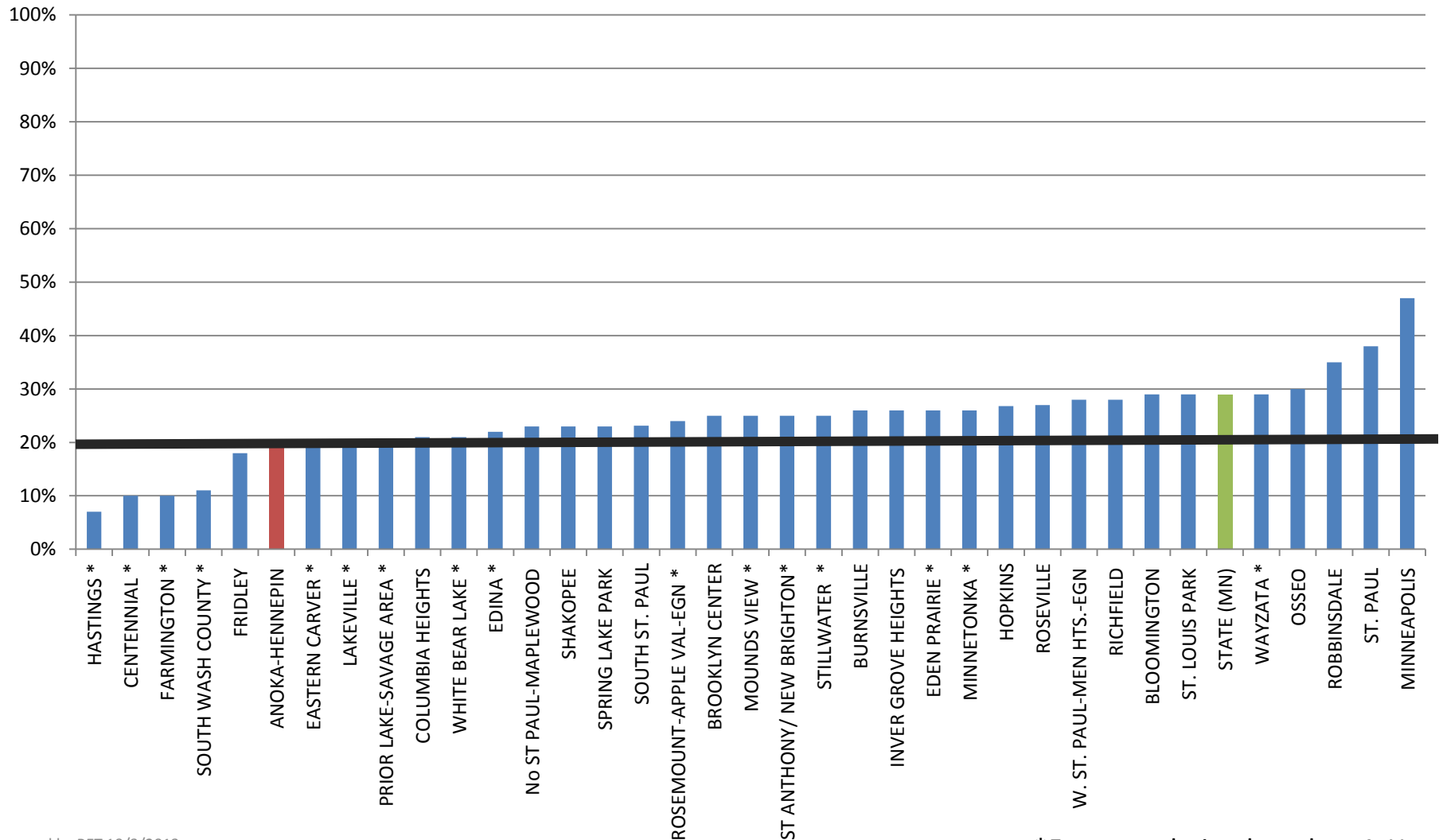
2009 black-white MCA reading achievement gap



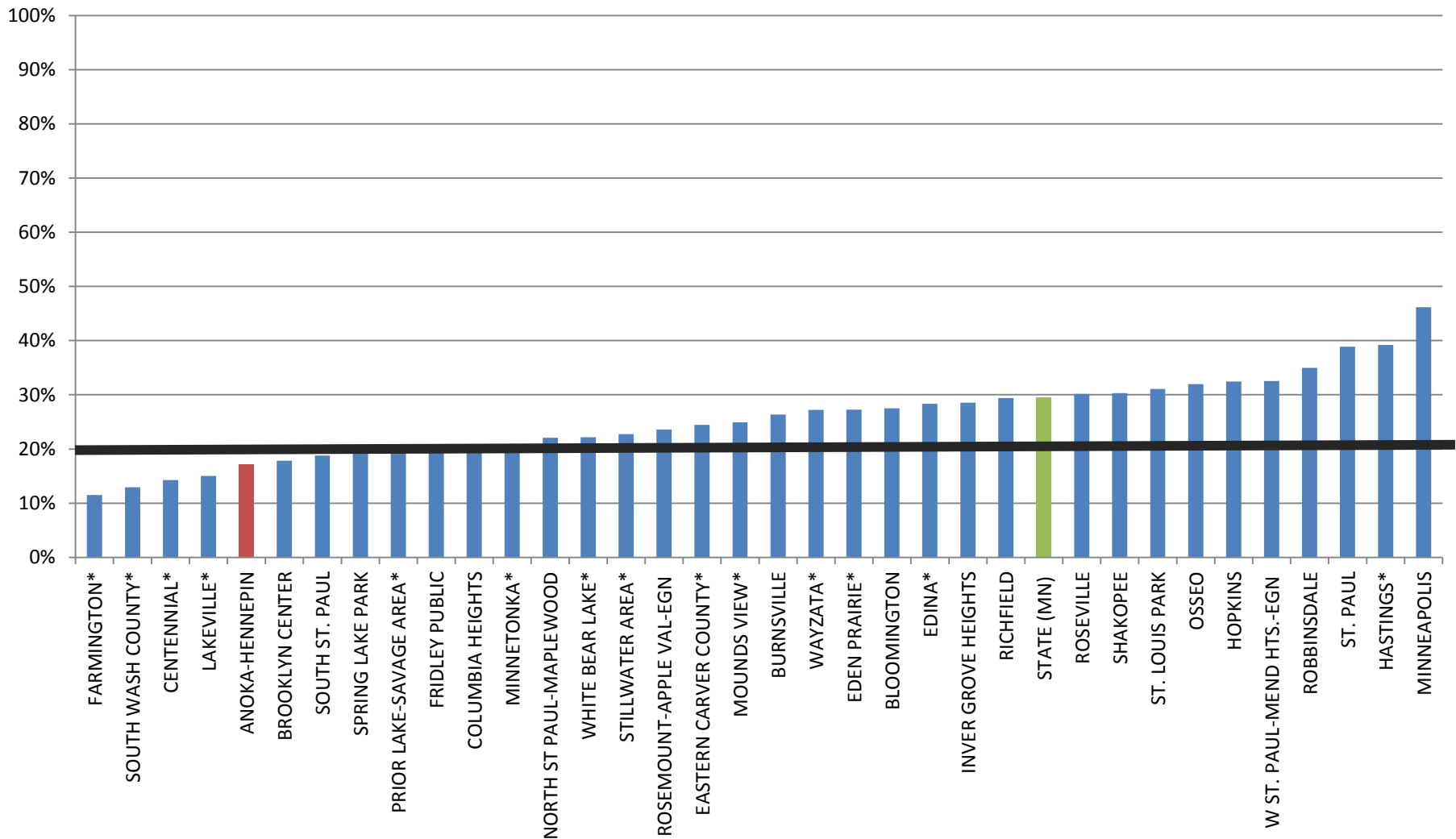
2010 black-white MCA reading achievement gap



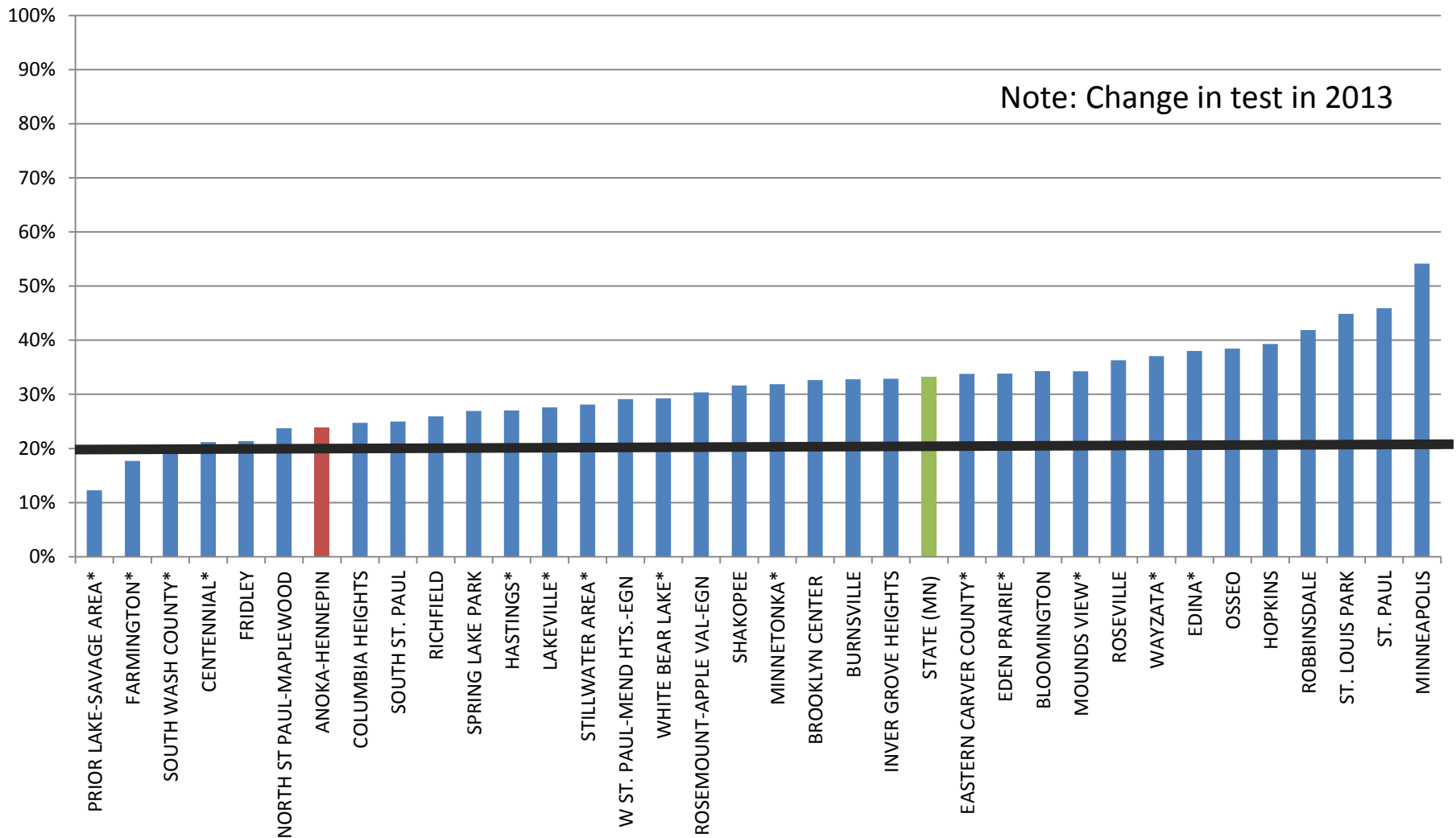
2011 black-white MCA reading achievement gap



2012 black-white MCA reading achievement gap

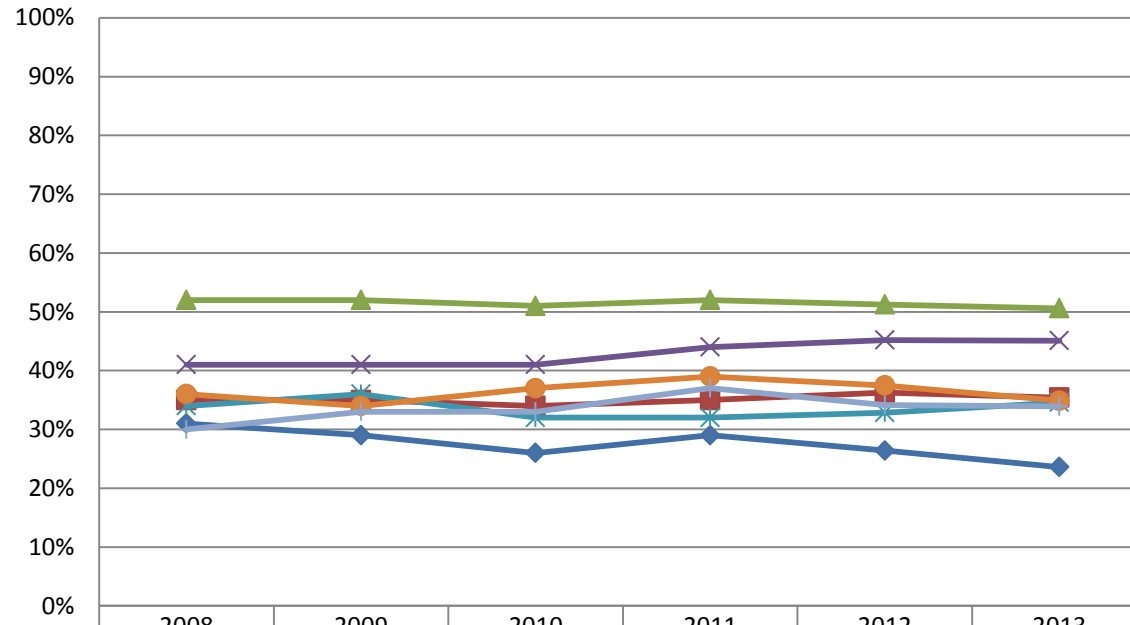


2013 black-white MCA reading achievement gap



Achievement gap in Anoka-Hennepin narrowed significantly more than other districts

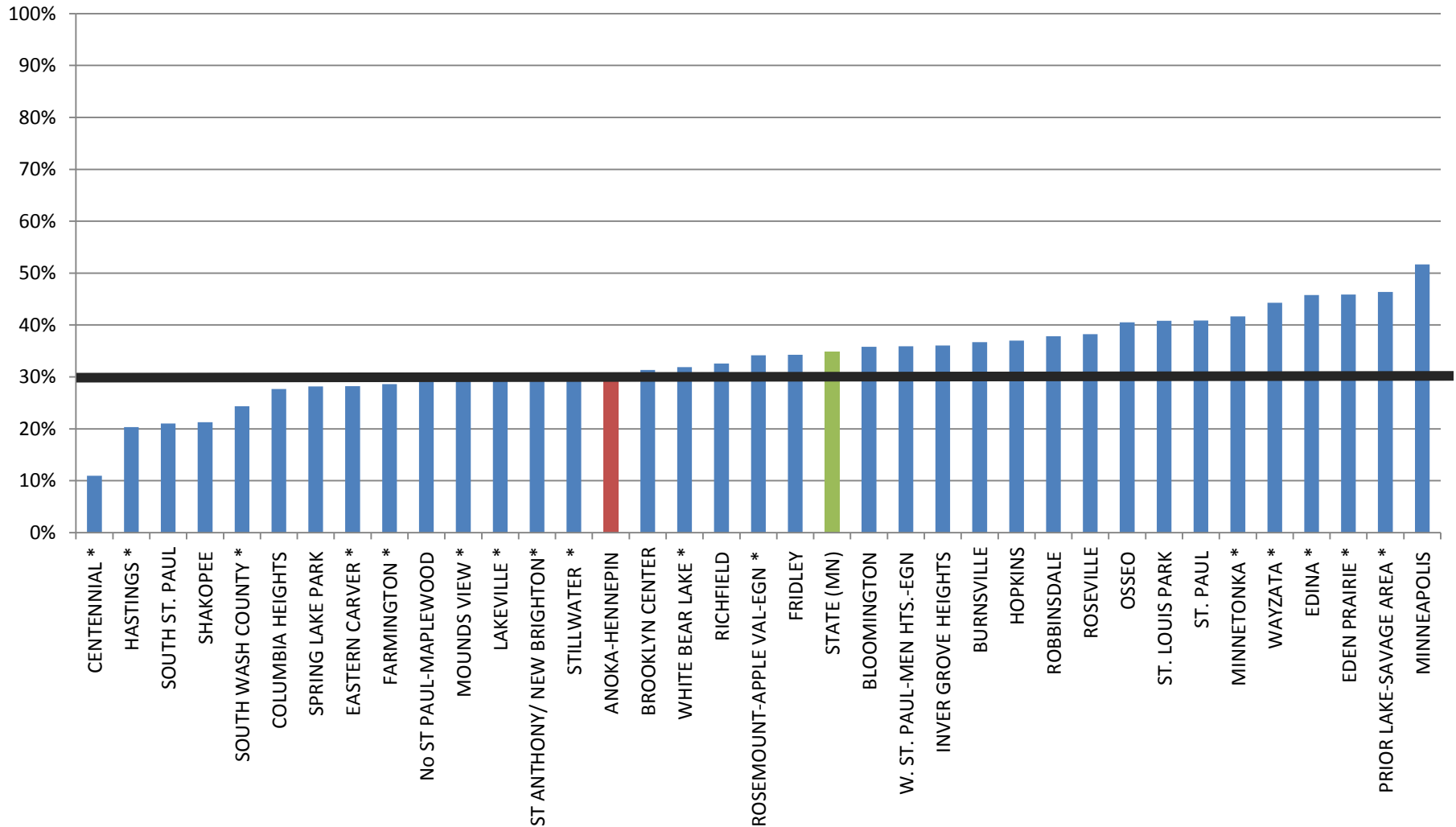
Anoka-Hennepin Black-White MCA Math Achievement Gap: 2008-2013



	% change from 2008 to 2013
Anoka-Hennepin	-24%
State	+1%
MPLS	-3%
St. Paul	+10%
Rosemount-Apple Valley-Eagan (RAVE)	+2%
Bloomington	-3%
Mounds View	+13%

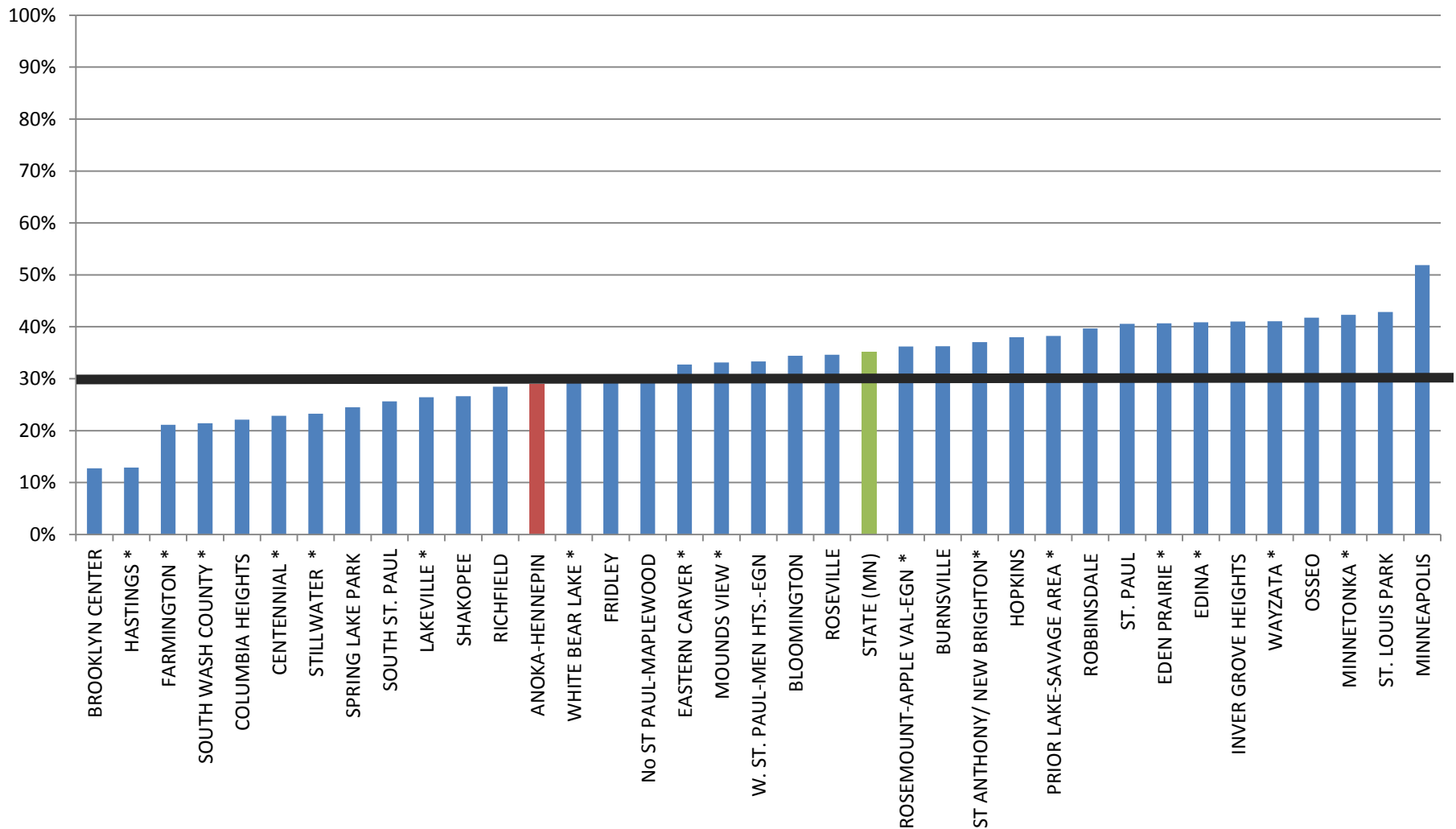
	2008	2009	2010	2011	2012	2013
Anoka-Hennepin	31%	29%	26%	29%	26%	24%
State	35%	35%	34%	35%	36%	35%
MPLS	52%	52%	51%	52%	51%	51%
St Paul	41%	41%	41%	44%	45%	45%
RAVE	34%	36%	32%	32%	33%	35%
Bloomington	36%	34%	37%	39%	37%	35%
Mounds View	30%	33%	33%	37%	34%	34%

2008 black-white MCA math achievement gap

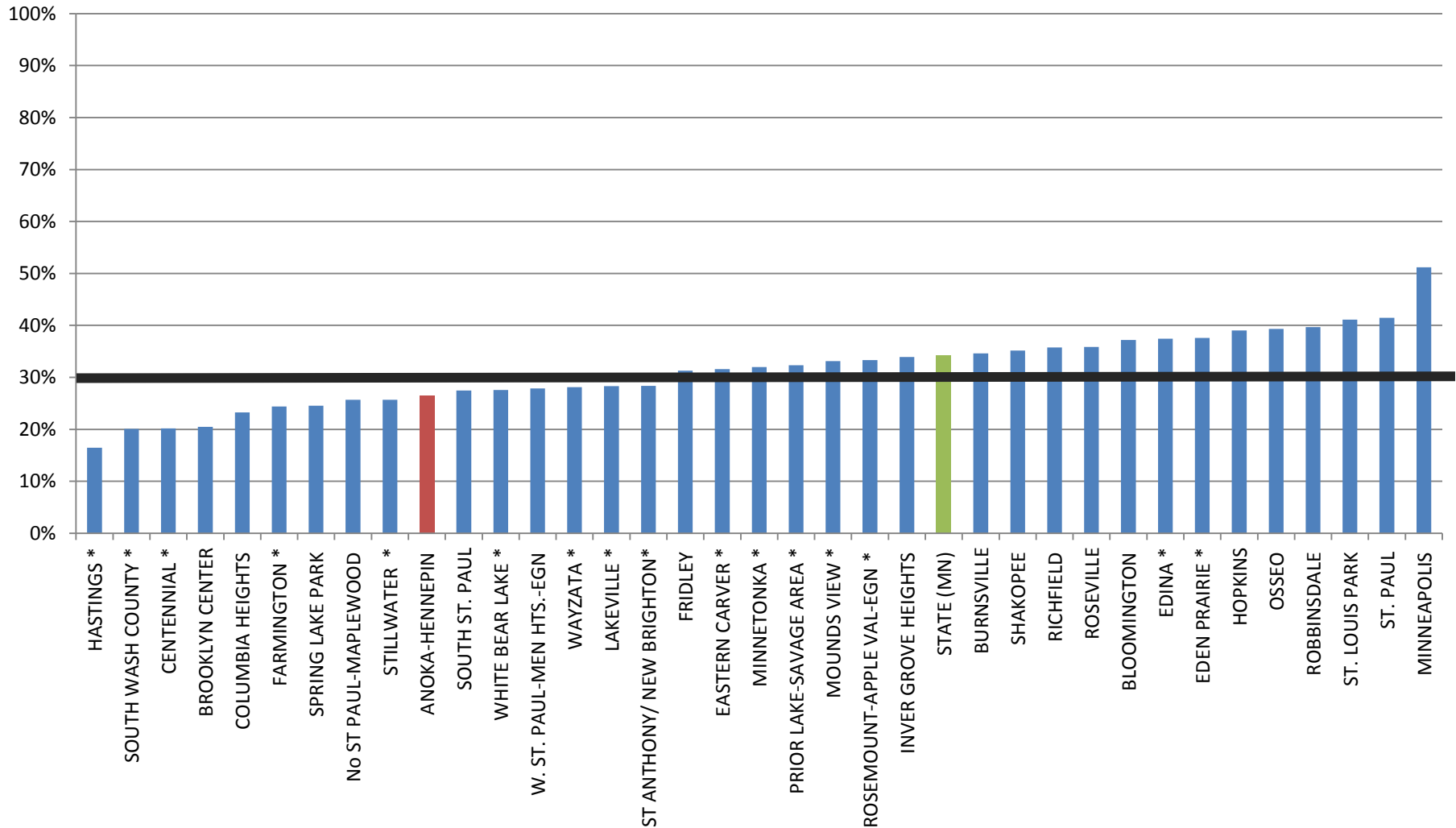


*Free population less than A-H

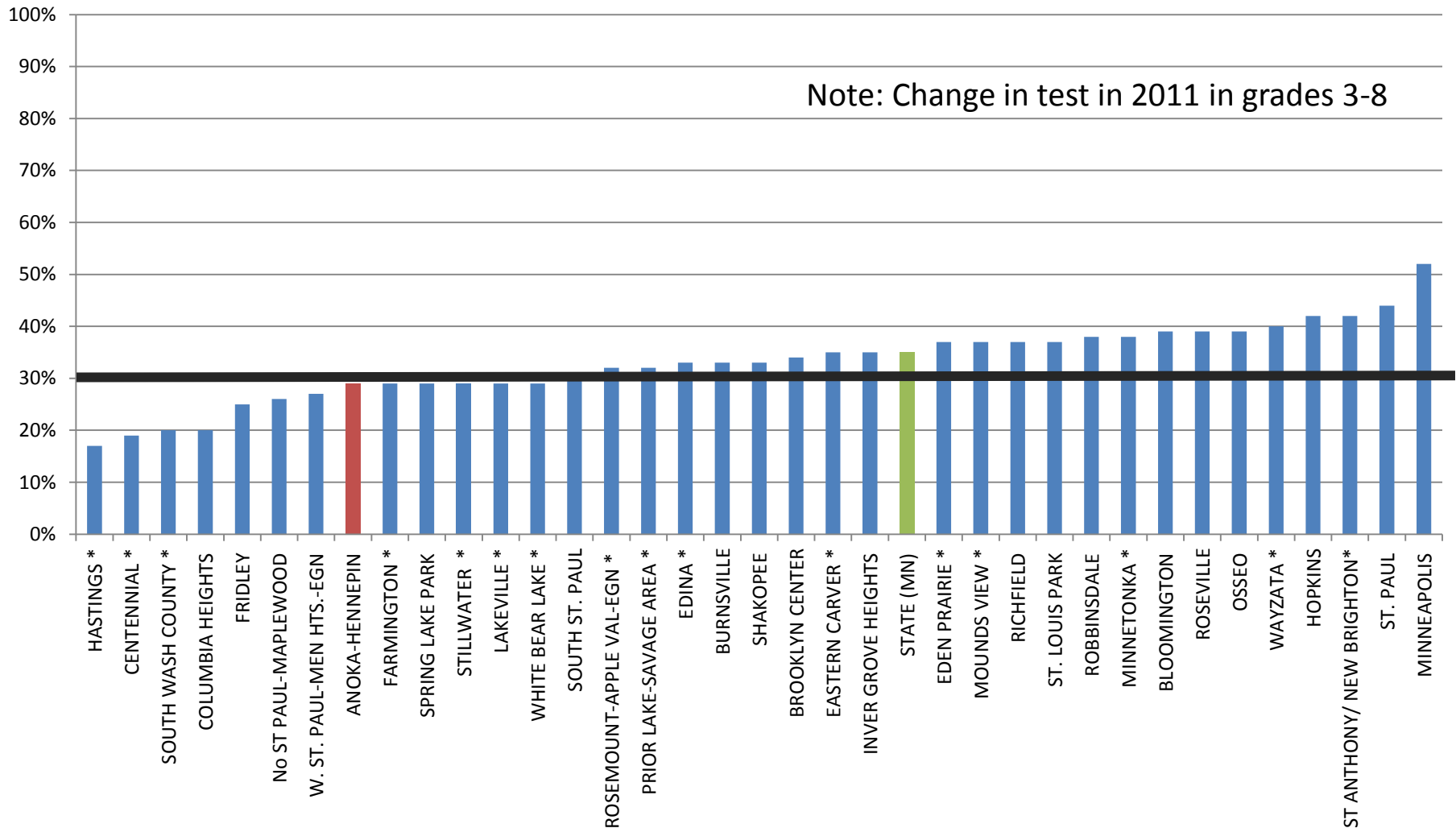
2009 black-white MCA math achievement gap



2010 black-white MCA math achievement gap

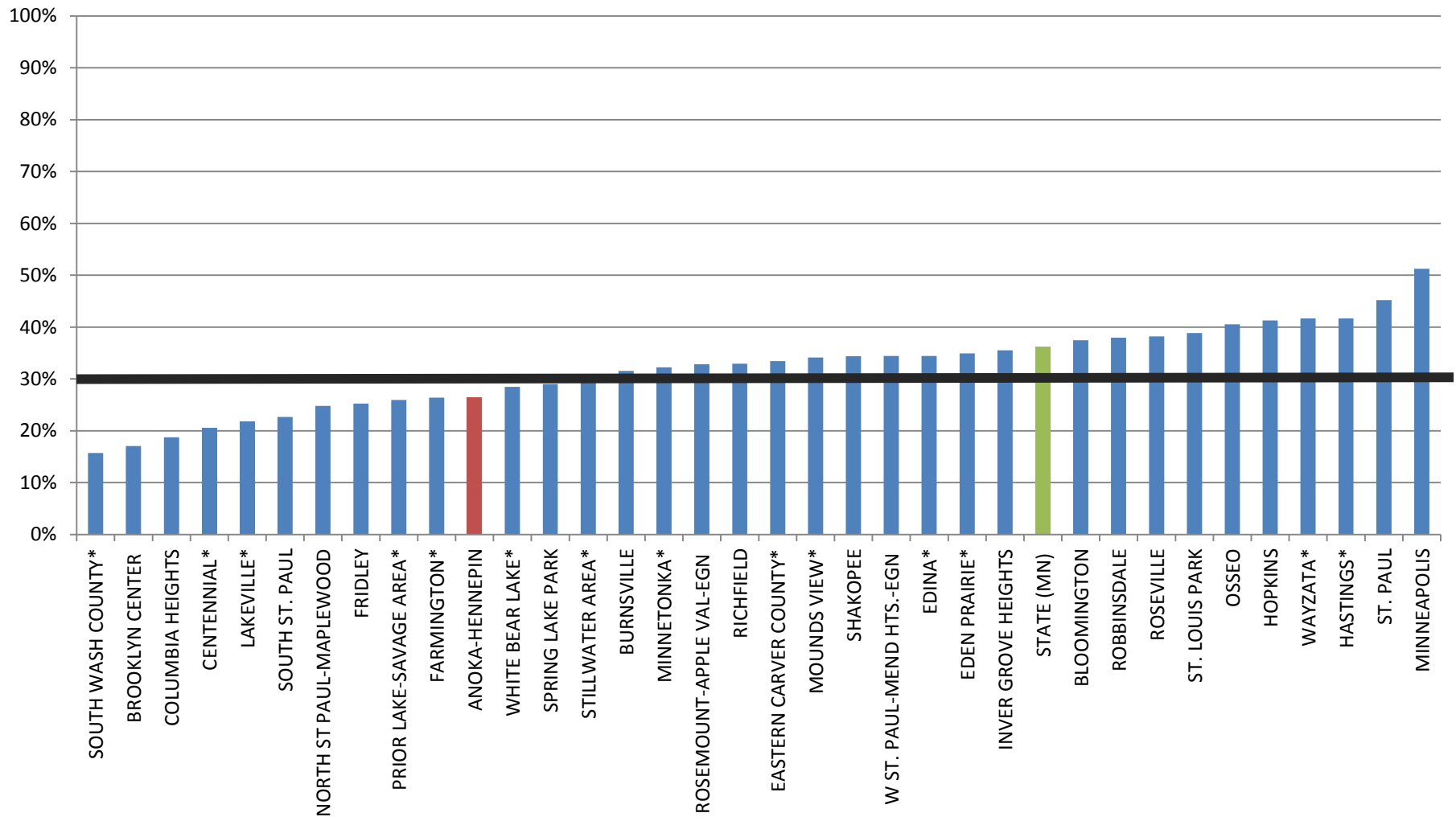


2011 black-white MCA math achievement gap

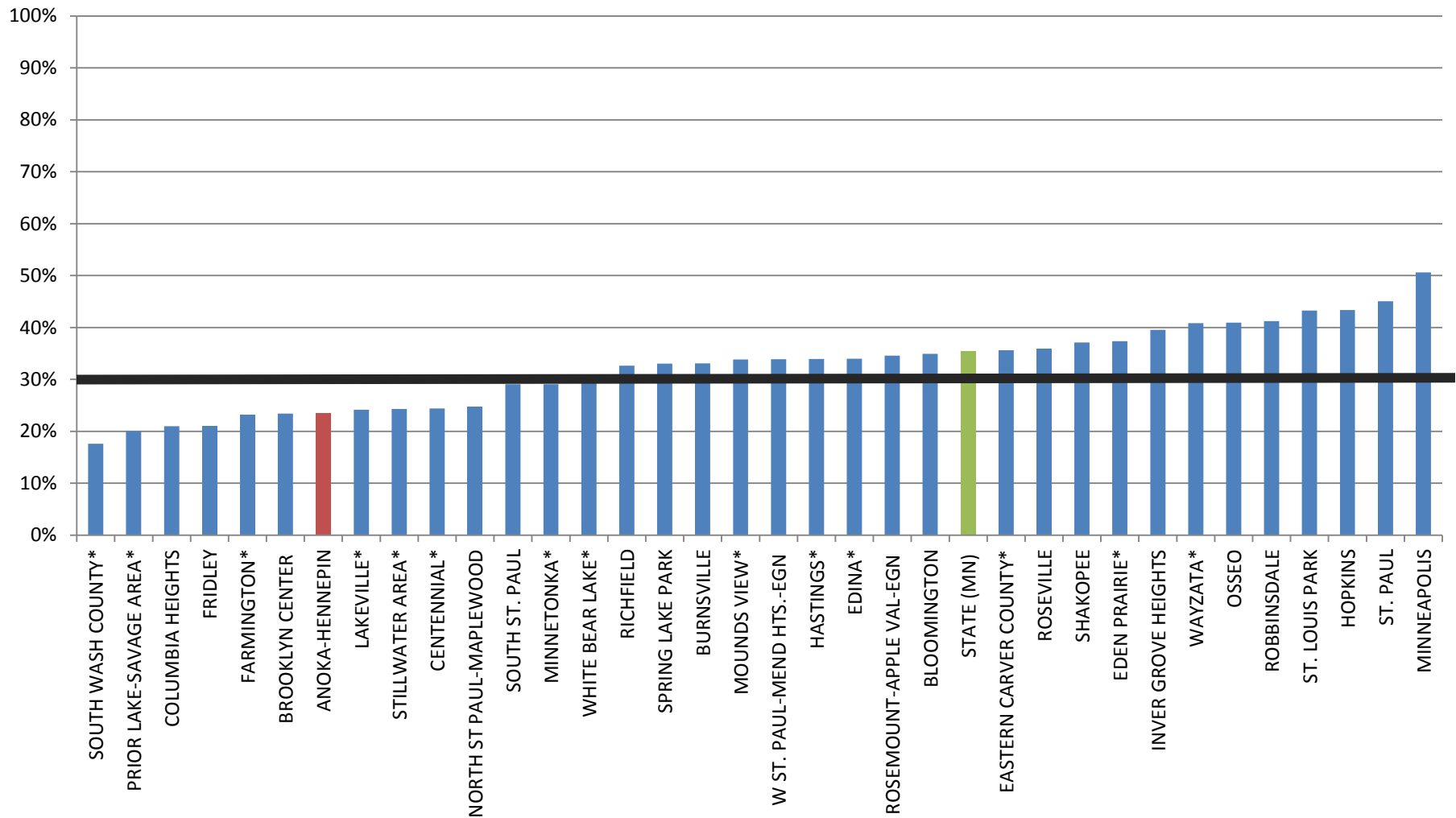


*Free population less than A-H

2012 black-white MCA math achievement gap



2013 black-white MCA math achievement gap



Summary of achievement gap trends

- Anoka-Hennepin continues to perform among the best in the state
 - The achievement gap continues to narrow overall for math and science, but increased over last year in reading, not uncommon with a new assessment
 - The largest gap between ethnic groups remains the gap between the white and black student groups in most comparisons
 - Evidence of the gap closing is seen in other measures, as well

Questions or Comments