



MINNEAPOLIS  
PUBLIC SCHOOLS

Urban Education. Global Citizens.

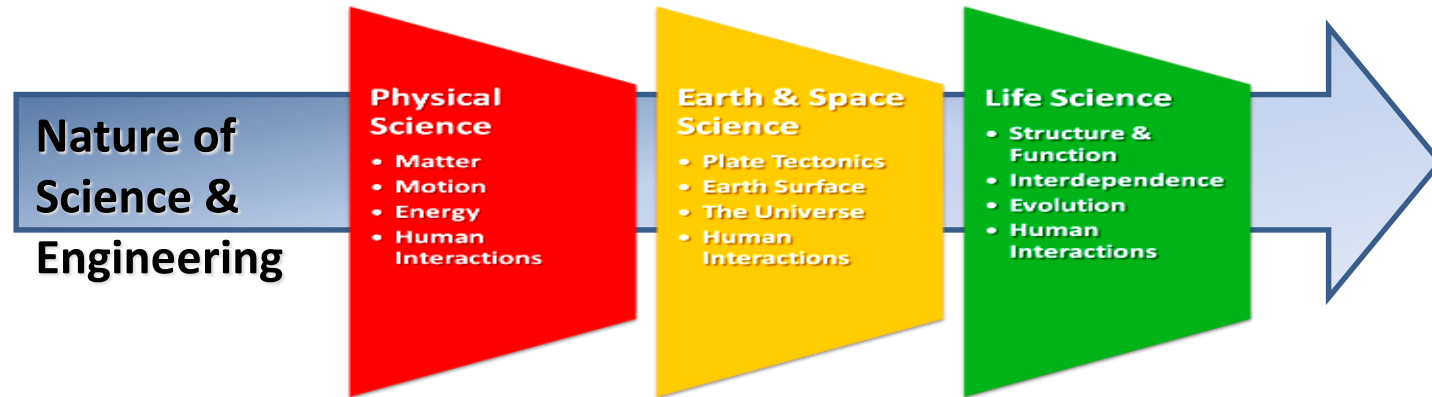
# 2016 MCA-III Science Results

## *District Summary Report*

***REAA Department  
Science Department  
August 2016***

# Background MCA-III Science

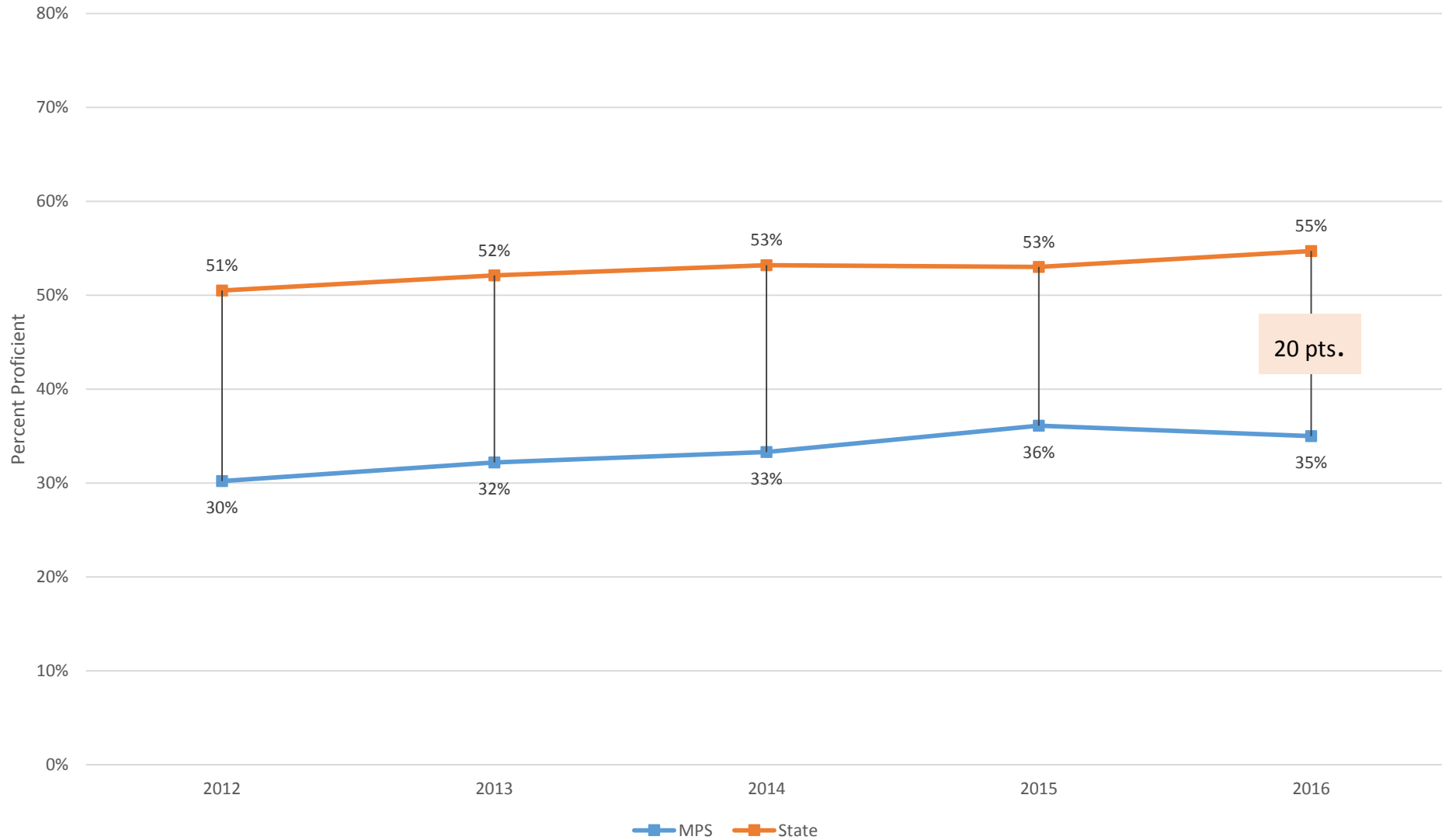
- 2016 is the 5th year of MCA-III Science assessment. The MCA-III Science reflects the most current adopted science standards, including engineering standards. They are:



- Students are tested in grades 5 & 8, and one time in high school (year they finish the second semester of biology).
- The test results do not count toward a school's AYP or MMR status, nor is it a "high stakes" test (required for graduation). The test is a requirement of ESSA.
- A small number of Special Ed students took the alternate MTAS-III Science.

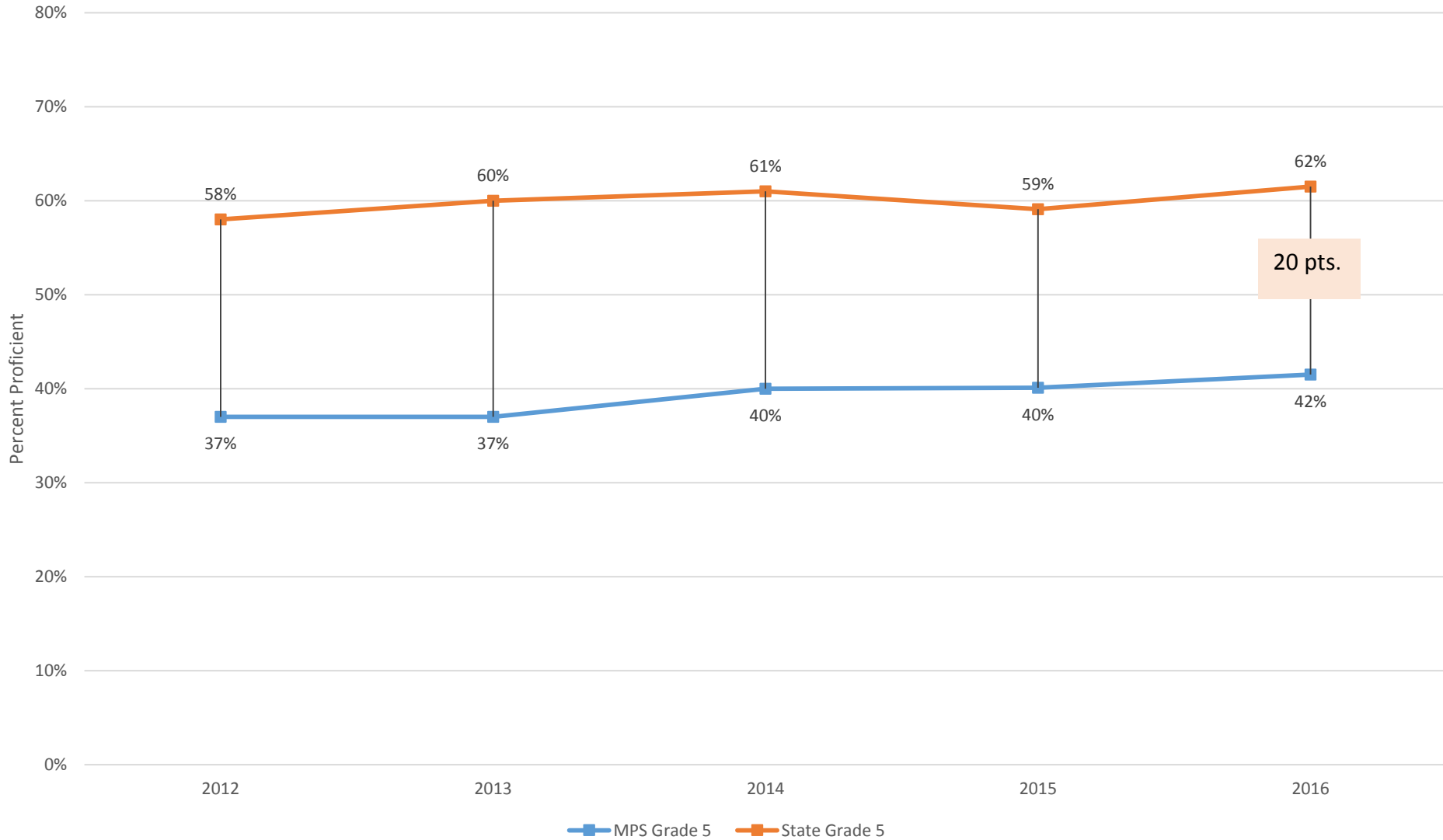


# MCA-III SCIENCE PROFICIENCY TREND – DISTRICT OVERALL

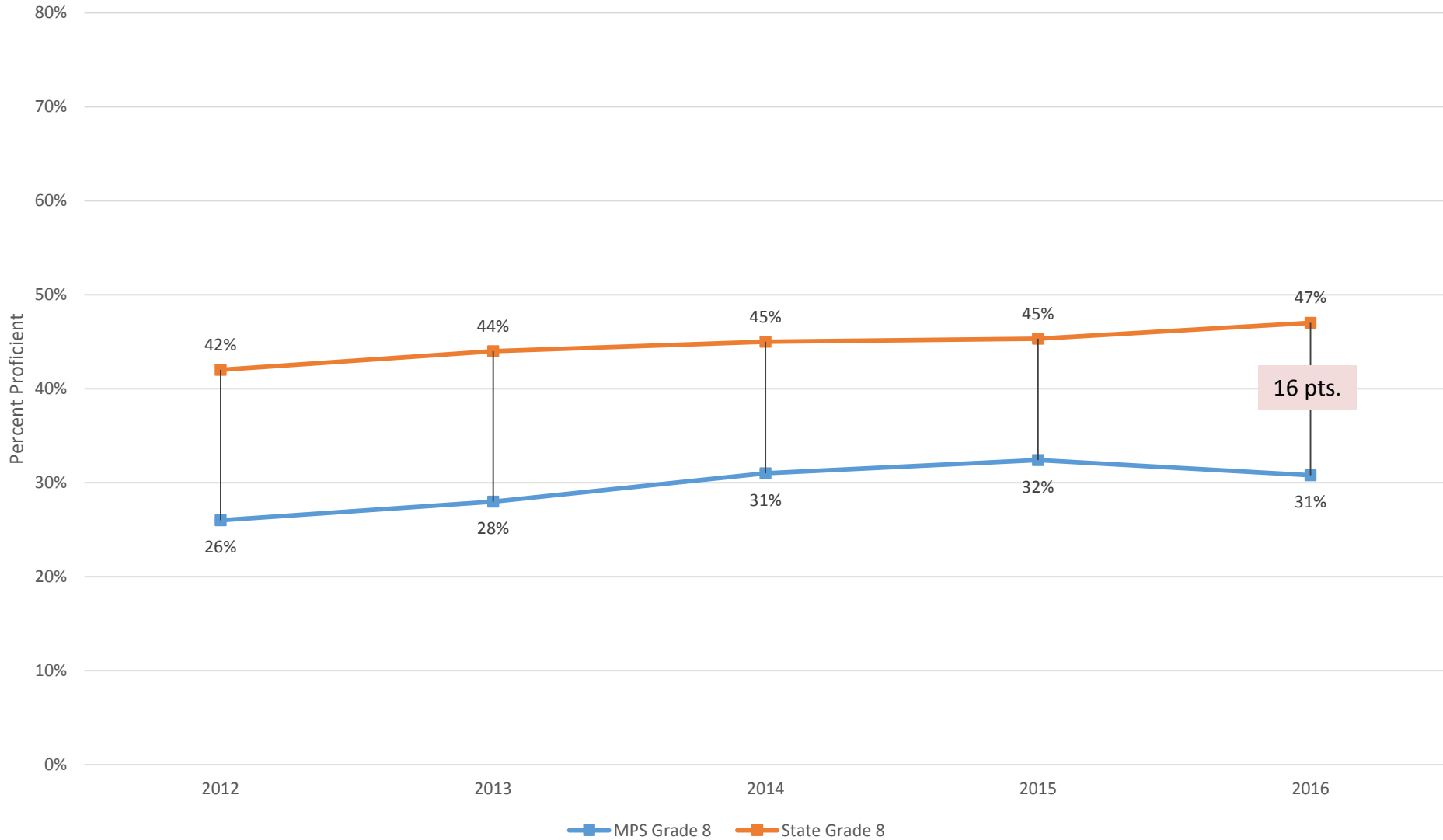


MINNEAPOLIS  
PUBLIC SCHOOLS  
Urban Education. Global Citizens.

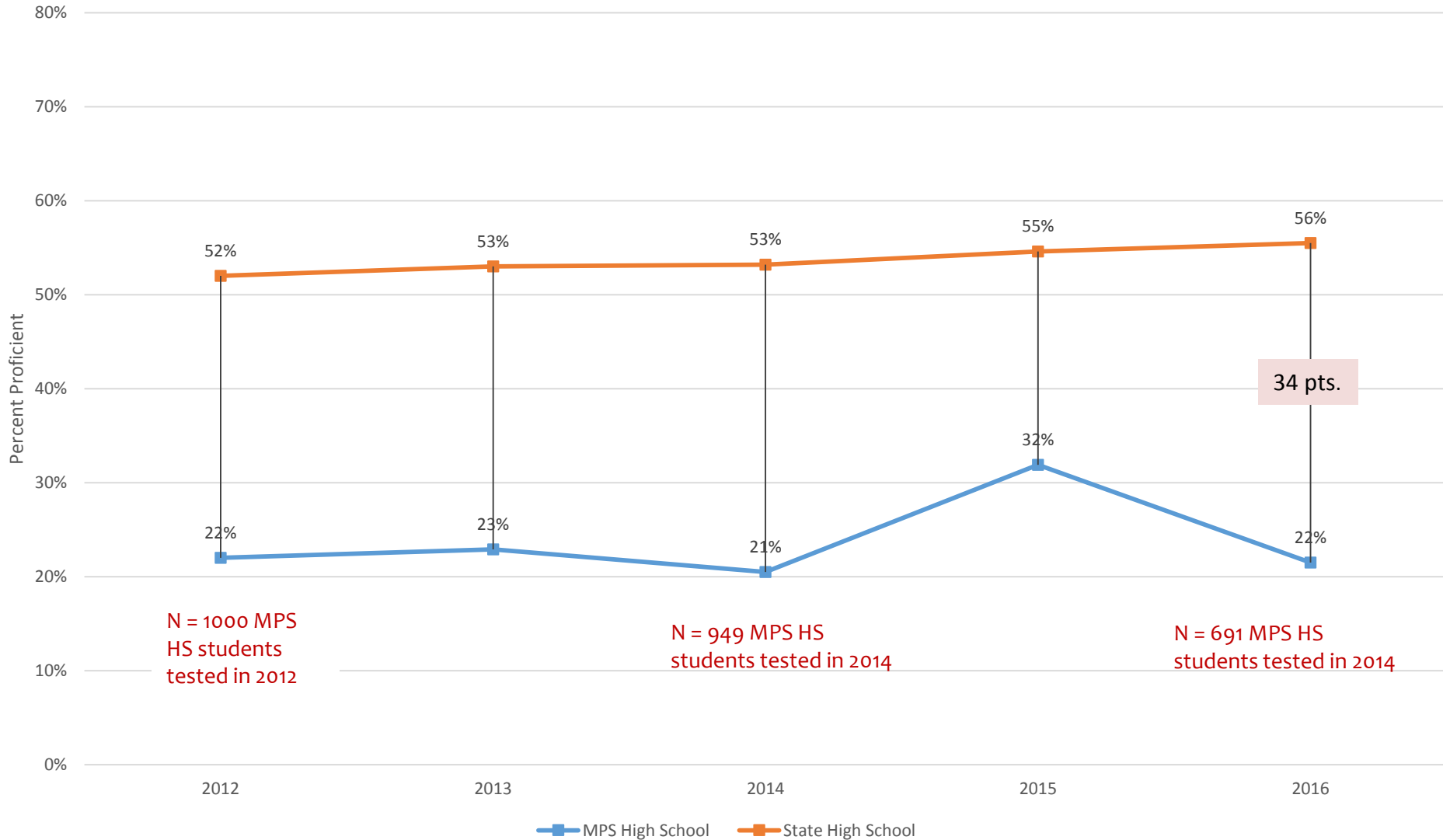
# MCA-III SCIENCE PROFICIENCY TREND GRADE 5



# MCA-III SCIENCE PROFICIENCY TREND GRADE 8



# MCA-III SCIENCE PROFICIENCY TREND HIGH SCHOOL



# WHO TESTED IN HIGH SCHOOL IN 2016?

| SCHOOL 2016          | GR9       | GR10       | GR11       | GR12       | TEST N     |
|----------------------|-----------|------------|------------|------------|------------|
| WASHBURN             | 0         | 6          | 165        | 17         | 188        |
| ROOSEVELT            | 0         | 52         | 44         | 4          | 100        |
| EDISON               | 0         | 47         | 47         | 0          | 94         |
| WELLSTONE            | 0         | 14         | 34         | 51         | 99         |
| FAIR SENIOR          | 54        | 4          | 1          | 0          | 59         |
| NORTH ACAD           | 0         | 0          | 38         | 0          | 38         |
| PYC ARTS AND TECH HS | 0         | 11         | 7          | 6          | 24         |
| LORING NICOLLET      | 1         | 2          | 7          | 13         | 23         |
| AMERICAN INDIAN OIC  | 4         | 4          | 3          | 10         | 21         |
| HENRY HIGH           | 0         | 10         | 4          | 0          | 14         |
| SOUTHWEST            | 1         | 0          | 5          | 0          | 6          |
| SOUTH                | 0         | 0          | 0          | 0          | 0          |
| <b>Total</b>         | <b>66</b> | <b>157</b> | <b>363</b> | <b>105</b> | <b>691</b> |

## About High School MCA-III Science:

MCA Science is administered in high school in the year that the student completes biology.

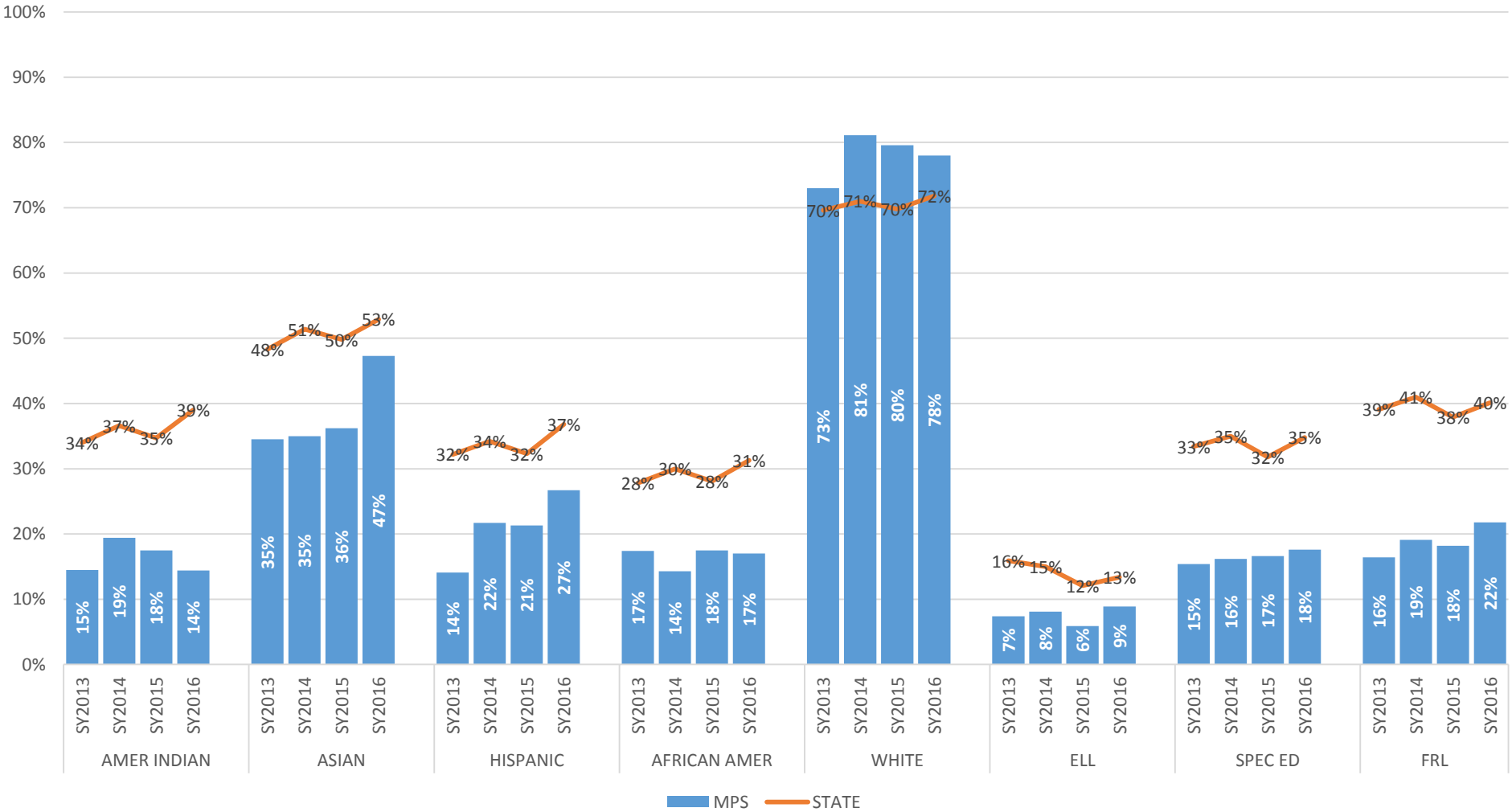
Because of MCA opt-outs, only 691 MPS high school students took the 2016 MCA-III Science.

Because of this very different and low population of testers, there is no good comparison to state or past trends.



# MCA-III SCIENCE GRADE 5 PROFICIENCY TRENDS BY SUBGROUP – MPS Compared to STATE

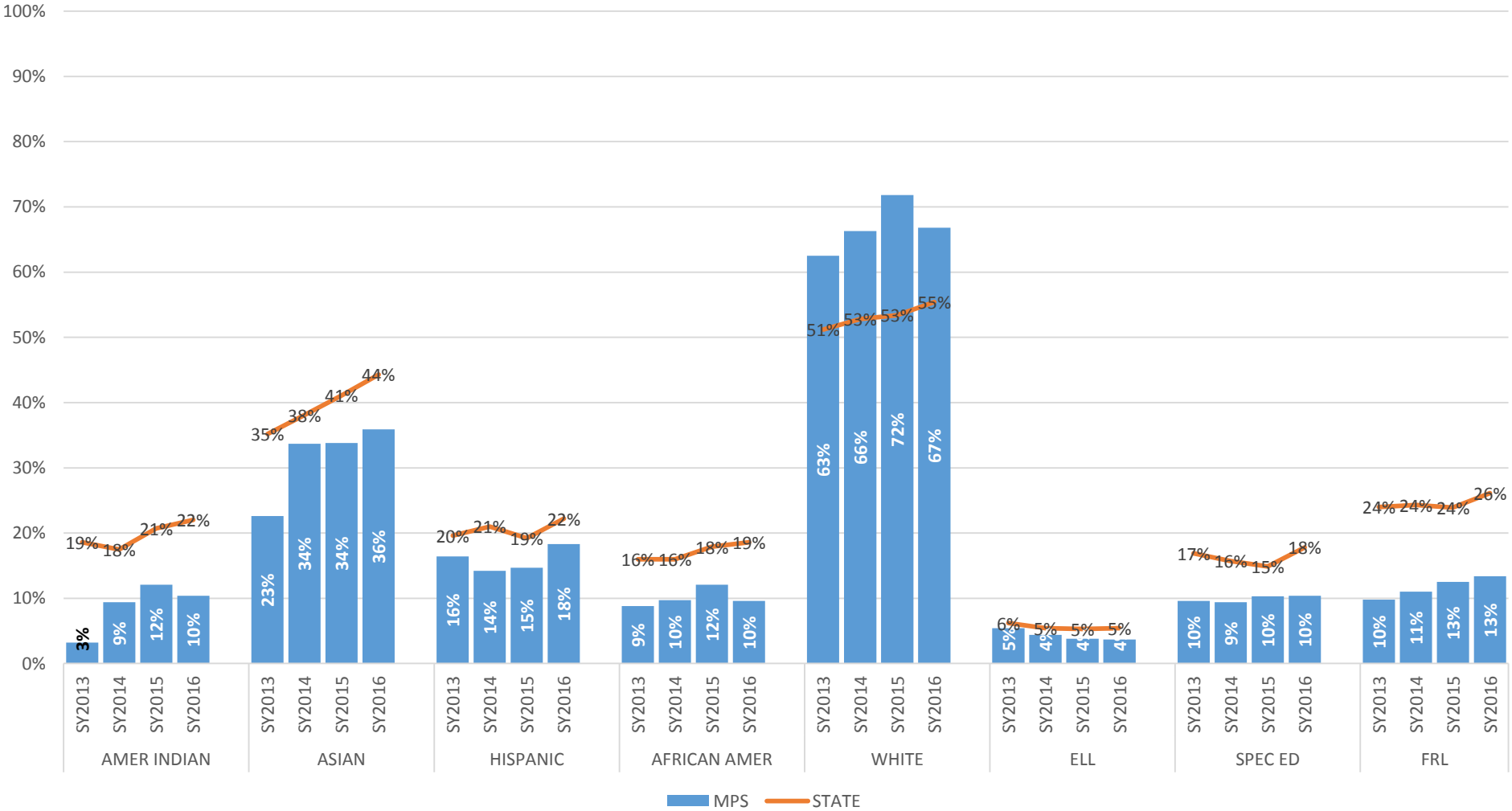
## GRADE 5 MCA-III SCIENCE





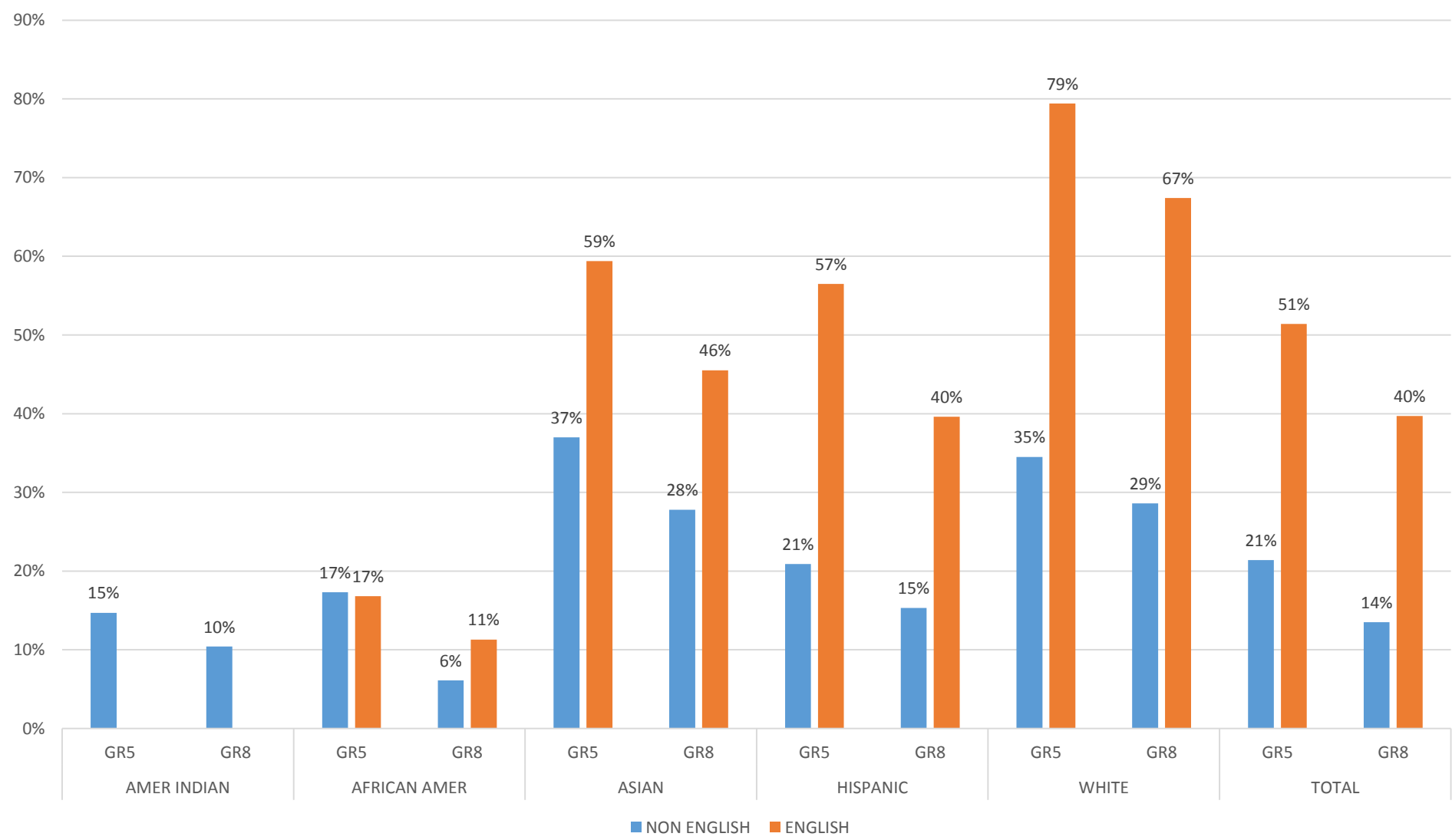
# MCA-III SCIENCE GRADE 8 PROFICIENCY TRENDS BY SUBGROUP – MPS Compared to STATE

## GRADE 8 MCA-III SCIENCE



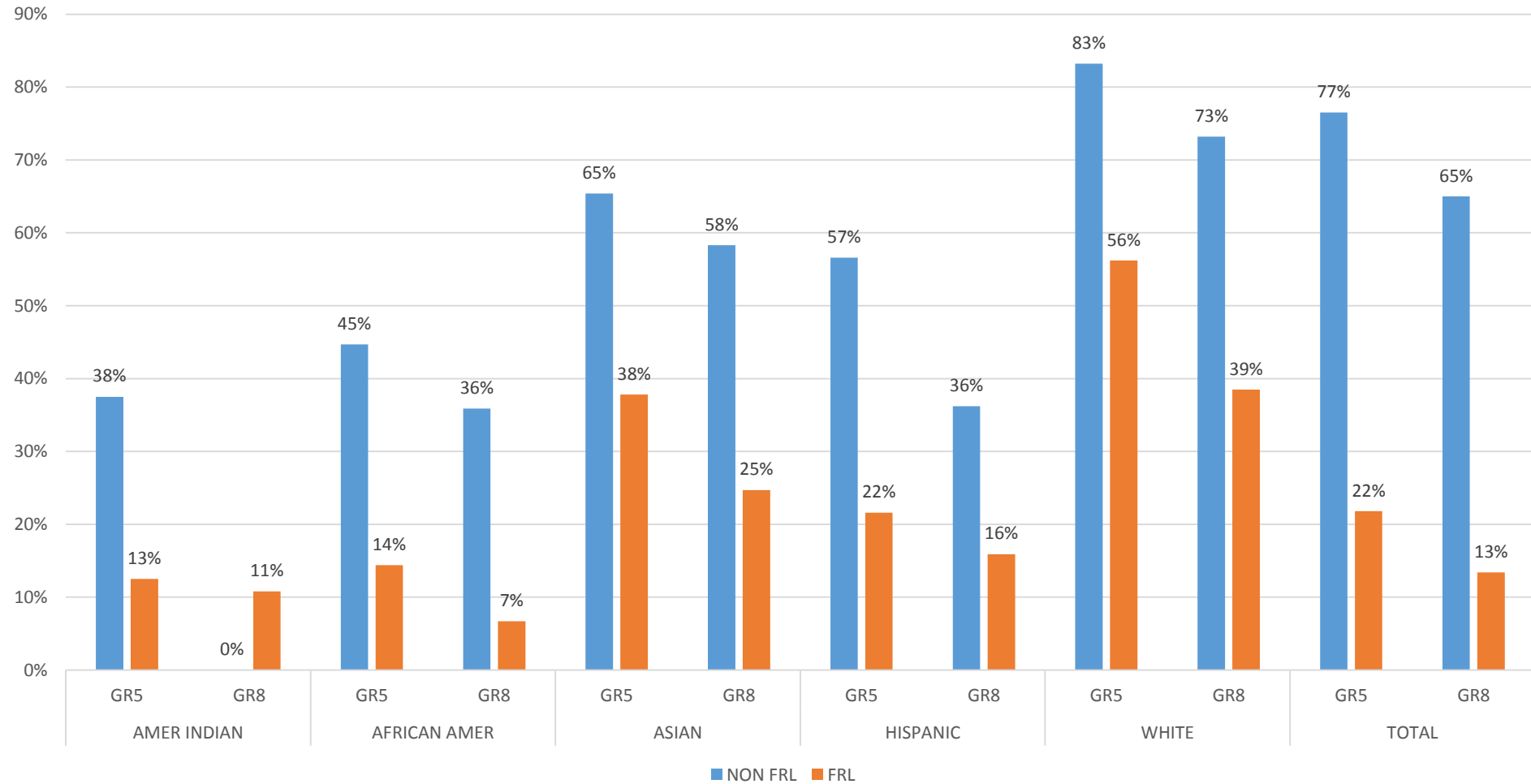
# MCA-III SCIENCE 2016 PROFICIENCY

## ETHNIC by ENGLISH/NON-ENG HOME LANGUAGE



# MCA-III SCIENCE 2016 PROFICIENCY ETHNIC by LUNCH ELIGIBLE STATUS

MCA-III SCIENCE 2016  
PROFICIENCY by LUNCH ELIGIBLE STATUS



# 2016 Grade 5, Results by Overall Highest Performing MPS Schools

| SCHOOL                           | PCT PROF | TEST N |
|----------------------------------|----------|--------|
| LAKE HARRIET COMMUNITY UPPER     | 87.7%    | 122    |
| BURROUGHS COMMUNITY              | 82.8%    | 128    |
| FIELD COMMUNITY                  | 70.6%    | 126    |
| DOWLING URBAN ENVIRONMENTAL      | 67.1%    | 82     |
| ARMATAGE MONTESSORI              | 66.3%    | 89     |
| WINDOM SPANISH DUAL IMMERSION    | 64.7%    | 51     |
| KENNY COMMUNITY                  | 63.6%    | 66     |
| NORTHROP COMMUNITY               | 63.1%    | 65     |
| HOWE                             | 61.4%    | 57     |
| BARTON OPEN                      | 60.0%    | 70     |
| MARCY OPEN                       | 59.0%    | 83     |
| KENWOOD COMMUNITY                | 57.0%    | 79     |
| SEWARD MONTESSORI                | 50.0%    | 94     |
| LYNDALE ELEMENTARY               | 49.4%    | 87     |
| PRATT COMMUNITY                  | 46.8%    | 47     |
| WAITE PARK COMMUNITY             | 44.1%    | 68     |
| LAKE NOKOMIS COMMUNITY KEEWAYDIN | 37.8%    | 74     |
| WHITTIER INTERNATIONAL           | 36.9%    | 84     |

| SCHOOL                           | PCT PROF     | TEST N      |
|----------------------------------|--------------|-------------|
| FOLWELL ARTS MAGNET              | 36.6%        | 93          |
| LORING COMMUNITY                 | 36.2%        | 58          |
| EMERSON SPANISH DUAL IMMERSION   | 33.3%        | 54          |
| BRYN MAWR COMMUNITY              | 25.0%        | 52          |
| HMONG INTERNATIONAL ACADEMY      | 24.4%        | 45          |
| PILLSBURY COMMUNITY              | 23.2%        | 82          |
| BANCROFT                         | 21.0%        | 81          |
| SULLIVAN COMMUNITY               | 17.2%        | 64          |
| GREEN CENTRAL PARK COMMUNITY     | 16.0%        | 50          |
| JENNY LIND ELEMENTARY            | 15.9%        | 69          |
| SHERIDAN INTERNATIONAL FINE ARTS | 15.6%        | 64          |
| NELLIE STONE JOHNSON COMMUNITY   | 15.2%        | 92          |
| JEFFERSON COMMUNITY              | 14.5%        | 76          |
| ANDERSEN UNITED                  | 8.8%         | 147         |
| LUCY LANEY AT CLEVELAND          | 7.8%         | 64          |
| BETHUNE COMMUNITY                | 7.0%         | 43          |
| HALL INTERNATIONAL               | 6.1%         | 49          |
| ANISHINABE ACADEMY               | 4.0%         | 25          |
| <b>ALL</b>                       | <b>41.5%</b> | <b>2718</b> |

# 2016 Grade 8, Results by Overall Highest Performing MPS Schools

| SCHOOL                             | PCT PROF     | TEST N      |
|------------------------------------|--------------|-------------|
| LAKE HARRIET COMMUNITY UPPER       | 72.0%        | 100         |
| ANTHONY MIDDLE                     | 54.3%        | 173         |
| FIELD COMMUNITY                    | 53.3%        | 120         |
| RAMSEY MIDDLE                      | 46.8%        | 235         |
| SANFORD MIDDLE                     | 36.9%        | 225         |
| SEWARD MONTESSORI                  | 35.4%        | 82          |
| MARCY OPEN                         | 31.7%        | 60          |
| BARTON OPEN                        | 29.7%        | 64          |
| FOLWELL ARTS MAGNET                | 27.5%        | 91          |
| LAKE NOKOMIS COMMUNITY KEEWAYDIN   | 22.8%        | 57          |
| NORTHEAST MIDDLE                   | 22.8%        | 184         |
| HMONG INTERNATIONAL ACADEMY        | 15.7%        | 51          |
| ANWATIN MIDDLE COM AND SPANISH D I | 14.1%        | 170         |
| ANDERSEN UNITED                    | 11.9%        | 109         |
| JEFFERSON COMMUNITY                | 8.9%         | 45          |
| HERITAGE ACADEMY ALC               | 6.9%         | 29          |
| SULLIVAN COMMUNITY                 | 5.9%         | 51          |
| OLSON MIDDLE                       | 4.0%         | 75          |
| FRANKLIN MIDDLE SCHOOL             | 3.3%         | 92          |
| ANISHINABE ACADEMY                 | 0.0%         | 20          |
| <b>ALL</b>                         | <b>30.8%</b> | <b>2050</b> |

# MCA-III Science 2016 Results by MPS Schools with Highest Performing\* African American Students (n>=10)

| SCHOOL                      | GRADE 5      |            |
|-----------------------------|--------------|------------|
|                             | PCT PROF     | TEST N     |
| FIELD COMMUNITY             | 45.8%        | 24         |
| BURROUGHS COMMUNITY         | 42.9%        | 14         |
| PRATT COMMUNITY             | 41.7%        | 24         |
| NORTHROP COMMUNITY          | 35.7%        | 14         |
| KENNY COMMUNITY             | 35.3%        | 17         |
| MARCY OPEN                  | 34.4%        | 32         |
| BARTON OPEN                 | 31.8%        | 22         |
| FOLWELL ARTS MAGNET         | 31.6%        | 19         |
| DOWLING URBAN ENVIRONMENTAL | 29.2%        | 24         |
| LYNDALE ELEMENTARY          | 27.1%        | 48         |
| SEWARD MONTESSORI           | 20.9%        | 43         |
| WAITE PARK COMMUNITY        | 20.8%        | 24         |
| BANCROFT                    | 17.9%        | 28         |
| <b>AFRICAN AMER GR5 ALL</b> | <b>17.0%</b> | <b>997</b> |

| SCHOOL                      | GRADE 8     |            |
|-----------------------------|-------------|------------|
|                             | PCT PROF    | TEST N     |
| FOLWELL ARTS MAGNET         | 38.1%       | 21         |
| ANTHONY MIDDLE              | 20.0%       | 65         |
| RAMSEY MIDDLE               | 18.2%       | 55         |
| FIELD COMMUNITY             | 13.0%       | 23         |
| NORTHEAST MIDDLE            | 12.1%       | 107        |
| SANFORD MIDDLE              | 11.0%       | 82         |
| BARTON OPEN                 | 10.0%       | 20         |
| <b>AFRICAN AMER GR8 ALL</b> | <b>9.6%</b> | <b>804</b> |

\*Sites that scored above the district average.

# MCA-III Science 2016 Results by MPS Schools with Highest Performing\* ELL Students (n>=10)

| SCHOOL                           | GRADE 5     |            |
|----------------------------------|-------------|------------|
|                                  | PCT PROF    | TEST N     |
| WINDOM SPANISH DUAL IMMERSION    | 34.8%       | 23         |
| LAKE NOKOMIS COMMUNITY KEEWAYDIN | 28.6%       | 7          |
| DOWLING URBAN ENVIRONMENTAL      | 25.0%       | 12         |
| EMERSON SPANISH DUAL IMMERSION   | 17.9%       | 39         |
| HMONG INTERNATIONAL ACADEMY      | 16.7%       | 18         |
| LYNDALE ELEMENTARY               | 12.5%       | 32         |
| GREEN CENTRAL PARK COMMUNITY     | 12.0%       | 25         |
| FOLWELL ARTS MAGNET              | 10.8%       | 37         |
| NELLIE STONE JOHNSON COMMUNITY   | 10.7%       | 28         |
| BRYN MAWR COMMUNITY              | 8.3%        | 12         |
| <b>ELL ALL GR5</b>               | <b>8.9%</b> | <b>639</b> |

| SCHOOL                      | GRADE 8     |            |
|-----------------------------|-------------|------------|
|                             | PCT PROF    | TEST N     |
| ANDERSEN UNITED             | 9.7%        | 72         |
| HMONG INTERNATIONAL ACADEMY | 5.0%        | 20         |
| FOLWELL ARTS MAGNET         | 4.7%        | 43         |
| JEFFERSON COMMUNITY         | 4.5%        | 22         |
| ANTHONY MIDDLE              | 4.3%        | 23         |
| <b>ELL ALL GR8</b>          | <b>3.7%</b> | <b>488</b> |

\*Sites that scored above the district average.