Opportunity and Inclusive Growth Conference

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Twin Cities
School Demographics
MINNEAPOLIS-SAINT PAUL REGION:
Percentage Minority Elementary Students by School, 2011

Legend
Regional Value: 35.5%

- 0.9 to 11.3% (115)
- 11.4 to 22.5% (92)
- 22.6 to 35.4% (75)
- 35.5 to 50.3% (60)
- 50.4 to 73.4% (49)
- 73.5 to 100.0% (92)
- No data (1)

Note: School with "No data" had fewer than 25 students data.

Data Source: National Center for Education Statistics.
MINNEAPOLIS-SAINT PAUL REGION:
Percentage Point Change in the Share of Minority Elementary
Students by School, 2006-2011

Legend
Regional Value: 6.5

-0.1 or less (89)
0.0 to 2.9 (79)
3.0 to 6.4 (92)
6.5 to 10.3 (76)
10.4 to 15.0 (57)
15.1 or more (37)
No data (54)

Note: School with "No data" had fewer than 25 students data.

Data Source: National Center for Education Statistics.
Dropout and Graduation Rates
MINNEAPOLIS-SAINT PAUL REGION: Four Year Dropout Rate by High School Attendance Boundary, 2009-2010

Note: The Four-Year Dropout Rate is based on a four-year cohort of first-time ninth-grade students plus transfers into the cohort within the four year period minus transfers out of the cohort within the four year period. Students that dropped out were reported as dropping out of a MN public school and did not return.

Legend
Regional Value: 2.3%

- 0.0 to 1.0% (38)
- 1.1 to 2.2% (32)
- 2.3 to 3.0% (11)
- 3.3 to 4.7% (5)
- 5.5 to 6.8% (8)
- 8.0 to 13.7% (5)
- No data (1)

Note: School districts with "No data" had insufficient data.

Data Source: Minnesota Department of Education.
Completion Rates
MINNEAPOLIS-SAINT PAUL REGION: Public High School Completion Rate by High School Attendance Boundary, 2009-2010

Legend
Regional Value: 77.1%

- 27.5 to 47.8% (7)
- 52.1 to 66.2% (9)
- 68.8 to 76.9% (24)
- 77.7 to 83.8% (21)
- 84.2 to 90.2% (23)
- 91.9 to 100.0% (14)
- No data (2)

Note: School districts with "No data" had insufficient data or anomalous data.

Data Source: Minnesota Department of Education.
Minneapolis Schools
Race and Ethnicity,
1995 - 2014
Minneapolis Public Elementary Schools
Race and Ethnicity, 2008-2009

Legend

- American Indian
- Asian-Pacific Islander
- Hispanic
- Black
- White

Scale: 1,400 Students

Data Source: Minnesota Department of Education
Minneapolis Schools
Free Lunch Eligibility,
1997-2014
Minneapolis Public Elementary Schools
Lunch Status, 1998-1999

Legend

Scale:
1,400 Students

Lunch Status:
Free or Reduced
No Reduction

Data Source: Minnesota Department of Children, Families and Learning (9/11/04).
Minneapolis Schools
MCA Testing
Proficiency Rates
Suburban School Demographics
Northwest Minneapolis Suburban School Demographics
MINNEAPOLIS - SAINT PAUL
SEVEN COUNTY REGION

Northwest Minneapolis Suburban School Districts

Data Sources: U.S. Census Bureau, Minnesota Department of Education.
Northwest Minneapolis Suburbs
Race and Ethnicity
1995-2014
Northwest Suburban
Public Elementary Schools
Race and Ethnicity, 2001-2002

Legend

- Scale: 1,400 Students

- American Indian
- Asian
- Hispanic
- Black
- White

Data Source: Minnesota Department of Education.
Northwest Suburban Public Elementary Schools
Race and Ethnicity, 2002-2003

Legend

Scale: = 1,400 Students

- American Indian
- Asian
- Hispanic
- Black
- White

Data Source: Minnesota Department of Education.
Northwest Suburban
Public Elementary Schools
Race and Ethnicity, 2005-2006

Legend
- Scale: = 1,400 Students
- Green: American Indian
- Orange: Asian
- Yellow: Hispanic
- Red: Black
- Blue: White

Data Source: Minnesota Department of Education.
Northwest Minneapolis Suburbs
Free Lunch Eligibility
1997-2014
Northwest Suburban Public Elementary Schools Lunch Status, 1997-1998

Legend

- Scale: 1,400 Students
- Lunch Status:
  - Red: Free or Reduced
  - Blue: No Reduction

Data Source: Minnesota Department of Education.
Northwest Suburban Public Elementary Schools
Lunch Status, 2001-2002

Legend
Scale:
- Free or Reduced
- No Reduction

Data Source: Minnesota Department of Education.
Northwest Suburban Public Elementary Schools Lunch Status, 2003-2004

Legend

Scale: 1,400 Students

Lunch Status:
- Free or Reduced
- No Reduction

Data Source: Minnesota Department of Education.
Northwest Suburban Public Elementary Schools Lunch Status, 2005-2006

Legend
- Scale: = 1,400 Students
- Lunch Status:
  - Red: Free or Reduced
  - Blue: No Reduction

Data Source: Minnesota Department of Education.
Northwest Suburban Public Elementary Schools Lunch Status, 2009-2010

Legend
- Scale: = 1,400 Students
- Lunch Status:
  - Red: Free or Reduced
  - Blue: No Reduction

Data Source: Minnesota Department of Education.
Northwest Suburban Public Elementary Schools Lunch Status, 2011-2012

Legend

- Scale: = 1,400 Students

Lunch Status:
- Red: Free or Reduced
- Blue: No Reduction

Data Source: Minnesota Department of Education.
Northwest Suburban Public Elementary Schools Lunch Status, 2013-2014

Legend

- Scale: 1,400 Students
- Lunch Status:
  - Free or Reduced
  - No Reduction

Data Source: Minnesota Department of Education.
Northwest Minneapolis Suburbs
MCA Testing Proficiency Rates
NORTHWEST SUBURBAN ELEMENTARY SCHOOLS
Results for Students taking the Reading Portion of the MCA II Assessment Test by Elementary School, 2010

Legend

Scale:
= 700 Students

- Does Not Meet Standards
- Partially Meets Standards
- Meets Standards
- Exceeds Standards

Data Source: Minnesota Department of Education.
Southwest Minneapolis Suburban School Demographics
Southwest Minneapolis Suburbs Race and Ethnicity 1995-2014
Southwest Suburban Public Elementary Schools Race and Ethnicity, 2000-2001

Legend

Scale: = 500 Students

- American Indian
- Asian
- Hispanic
- Black
- White

Data Source: Minnesota Department of Education
Southwest Suburban Public Elementary Schools
Race and Ethnicity, 2001-2002

Legend
- American Indian
- Asian
- Hispanic
- Black
- White

Scale: 500 Students

Data Source: Minnesota Department of Education
Southwest Minneapolis Suburbs Free Lunch Eligibility 1997-2014
Southwest Suburban Public Elementary Schools Lunch Status, 2000-2001

Legend
Scale:  = 500 Students

Lunch Status:
- Free or Reduced
- No Reduction

Data Source: Minnesota Department of Education
Southwest Minneapolis Suburbs MCA Testing Proficiency Rates
SOUTHWEST SUBURBAN ELEMENTARY SCHOOLS
Results for Students taking the Reading Portion of the MCA II Assessment Test by Elementary School, 2010*

*There were no MCA-II Results for Centennial, Sheridan Hills, Dual Language and Eagle Ridge Academy Lower School in 2010. Results for these schools are for the year 2011.

Legend
Scale:
- 300 Students Testing
- Does Not Meet Standards
- Partially Meets Standards
- Meets Standards
- Exceeds Standards

Data Source: Minnesota Department of Education
SOUTHWEST SUBURBAN ELEMENTARY SCHOOLS
Results for Students taking the Math Portion of the MCA II Assessment Test by Elementary School, 2010*

*There were no MCA-II Results for Centennial, Sheridan Hills, Dual Language and Eagle Ridge Academy Lower School in 2010 or 2011.

Legend
- Scale: = 300 Students Testing
- Red: Does Not Meet Standards
- Orange: Partially Meets Standards
- Blue: Meets Standards
- Light Blue: Exceeds Standards

Data Source: Minnesota Department of Education
Twin Cities Charter School Demographics
MINNEAPOLIS - SAINT PAUL (CENTRAL REGION) Race and Ethnicity Charter Schools, 2007-2008

Legend
- Size of Circle:
  - 500 Students
  - 250 Students
  - 100 Students
- American Indian
- Asian
- Hispanic
- Black
- White

Note: Schools are approximately located. Their locations are staggered for viewing and labeling purposes.

1. ASCENSION ACADEMY CHARTER
2. OSAKA RIVERSIDE COMMUNITY
3. COMMUNICATION ARTS HIGH SCHOOL
4. DULYGOOD ACADEMY
5. ENGLISH ACADEMY-CAMPUS
6. FRIENDSHIP ACADEMY OF THE ARTS CHTR.
7. LIGHTHOUSE ACADEMY OF NATIONS
8. LINCOLN INTERNATIONAL SCHOOL
9. LONG TIEG ACAD
10. MINNESOTA INTERNATIONAL
11. MINNESOTA ONLINE HS
12. MINNESOTA TRANSITION HS
13. MINNESOTA TRANSITION MIDDLE
14. MTG ELITE ACADEMY CHTR.
15. MOUNT VERNON ACADEMY CHTR.
16. SOUTH SIDE FAMILY CHARTER SCHOOL
17. TWIN CITIES INTERNATIONAL ELEMENTARY
18. UAM MEDICAL ACADEMY

Saint Paul Indies
1. CITY ACADEMY
2. COMMUNITY SCHOOL OF EXCELLENCE
3. DUN'S ACADEMY
4. HIGH SCHOOL FOR RECORDING ARTS
5. SIGHT FOR TANDER
6. YEMUSA ACADEMY

Data Source: Minnesota Department of Education
MINNEAPOLIS - SAINT PAUL (CENTRAL REGION)
Race and Ethnicity
Charter Schools, 2010-2011

Legend
Size of Circle =
- 500 Students
- 250 Students
- 100 Students
American Indian
Asian
Hispanic
Black
White

Note: Schools are approximately located. Their locations are staggered for viewing and labeling purposes.

Data Source: Minnesota Department of Education
Twin Cities 11-County Area: Distribution of Students in Non-Charter Schools, 2013-2014

- American Indian: 1.3%
- Asian: 9.5%
- Hispanic: 8.7%
- Black: 14.1%
- White: 66.3%
Twin Cities 11-County Area: Distribution of Students in Charter Schools, 2013-2014

- American Indian: 1.1%
- Asian: 17.4%
- Hispanic: 10.5%
- Black: 28.9%
- White: 42.1%
Charter School
Time Series
1995-2013
MINNEAPOLIS - SAINT PAUL REGION
Charter School Classifications, 2003

Legend
- Predominantly White (14)
- Segregated (40)
- Integrated (11)
- Closed (16)

Data Source: Minnesota Department of Education, NCES.
MINNEAPOLIS - SAINT PAUL REGION
Charter School Classifications, 2012

Legend
- Predominantly White (40)
- Segregated (67)
- Integrated (20)
- Closed (50)

Data Source: Minnesota Department of Education, NCES.
Poverty and Reading Proficiency Rates in Twin Cities Elementary Schools, 2012-13
(correlation = -.91)

Percentage of Students Free or Reduced Price Lunch Eligible

Charter schools "above the line": 32%
Traditional schools "above the line": 57%
Poverty and Math Proficiency Rates
in Twin Cities Elementary Schools, 2012-13
(correlation = -.85)

Charter schools "above the line": 32%
Traditional schools "above the line": 52%
Chart 6: Poverty and Reading Proficiency Rates in Twin Cities Elementary Charter Schools, 2012-13
(correlation = -.90)
Chart 5: Poverty and Math Proficiency Rates in Twin Cities Elementary Charter Schools, 2012-13
(correlation = -.84)
Open Enrollment and Race in the Twin Cities 2000 - 2010
Figure 1
Open Enrollment by Program
11-County Twin Cities Metro, 2000-2010

- Open Enrollment
- Charter Schools
- Choice is Yours
Figure 1
Open Enrollment by Race in the Twin Cities, 2000-2010
MAP 5: MINNEAPOLIS - SAINT PAUL SOUTHWEST REGION
Percentage Minority Students in Open Enrollment Flows, Southwest Twin Cities School Districts, 2009-2010

Legend
Line Size = Number of Open Enrollment Students:
- 25
- 50
- 100
- 200
- 350

Note: Flows between districts of less than 25 students are not shown on the map.

Total District Minority Share of Students = 40.8%:
- 0.0 to 19.9%
- 20.0 to 40.7%
- 40.8 to 69.9%
- 70.0 to 100.0%

Data Source: Minnesota Department of Education; MN-Link.
Subsidized and Affordable Housing
MINNEAPOLIS - SAINT PAUL REGION
Affordable Housing Goals for the Livable Communities Act, 1996-2010

Legend
Total Number of Units:
- 6,000
- 3,750
- 1,875
- 750
- 260

Predominately White School Areas

Data Source: Metropolitan Council, TC Housing Policy.org
Chicago Schools
CITY OF CHICAGO AND SURROUNDING SUBURBS
Racial Predominance in Charter Schools, 2012-2013

Legend
- Predominantly White®
- Predominantly Black®
- Predominantly Hispanic®
- Predominantly Asian®
- Mixed- Minority 33 to 54%
- Mixed- Minority > 55%
- No data

*Schools that are predominately one racial group had a 2/3rs (66.6%) share of that racial group in the school.

Note: Schools with "No data" had less than 25 students.

Data Sources: National Center for Education Statistics; City of Chicago; U.S. Census Bureau TIGER.
Map 2: CITY OF CHICAGO AND SURROUNDING SUBURBS
Race and Ethnicity in Charter School Sites, 2004-2005
Total Charter Schools and Campuses = 52

Legend
Scale: Size of Circle = Number of Students:
1,500
700
300
100

- Black
- Hispanic
- White
- Asian
- American Indian
- Two or More Races
- No Race Data

Data Sources: Chicago Public Schools; Illinois State Board of Education; National Center for Education Statistics; Chicago Board of Education; Youth Connection Charter School.
Map 3: CITY OF CHICAGO AND SURROUNDING SUBURBS
Race and Ethnicity in Charter School Sites, 2009-2010

Total Charter Schools and Campuses = 98

Legend
Scale: Size of Circle =
Number of Students:
1,500
700
400
100

- Black
- Hispanic
- White
- Asian
- American Indian
- Two or More Races
- No Race Data

Data Sources: Chicago Public Schools; Illinois State Board of Education; National Center for Education Statistics; Chicago Board of Education; Youth Connection Charter School.
Charter Locations and Demographics

Chicago charter and traditional neighborhood schools show similar locational and demographic patterns. Most are:

- predominantly non-white – either predominantly black or predominantly Latino;
- with high poverty rates – 88% and 91%.

All predominantly white and most racially diverse/integrated schools in the city are private.
However

• Charter schools are more likely than traditionals to be single race/ethnic group.
  – In 2012-13, roughly 8 percent of traditional schools were racially diverse in the traditional sense (non-white shares between 20% and 60%).
  – Another 17 percent showed a relatively balanced mix of black and Latino students (with no single group representing more than 60%).
  – No charters had non-white shares between 20 and 60 percent and only 7% had a relatively balanced mix of black and Latino students.

• Traditional schools show disadvantages in some characteristics with great potential to affect student performance.
  – More limited English students
  – More special education students
  – Greater mobility (turnover) rates
  – Lower attendance rates
Table 1: School Characteristics by Type of School: City of Chicago in 2012-2013

<table>
<thead>
<tr>
<th>School Characteristic</th>
<th>All Schools</th>
<th>All Non-charters</th>
<th>Traditional</th>
<th>Selective</th>
<th>Gifted</th>
<th>Magnet</th>
<th>Charters</th>
<th>Charter - All non-charters</th>
<th>Charter - Trad.</th>
<th>Charter - Magnet</th>
</tr>
</thead>
<tbody>
<tr>
<td>% White</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>16</td>
<td>32</td>
<td>16</td>
<td>2</td>
<td>-6</td>
<td>-6</td>
<td>-14</td>
</tr>
<tr>
<td>% Black</td>
<td>54</td>
<td>54</td>
<td>53</td>
<td>52</td>
<td>38</td>
<td>46</td>
<td>61</td>
<td>8</td>
<td>8</td>
<td>15</td>
</tr>
<tr>
<td>% Hispanic</td>
<td>35</td>
<td>35</td>
<td>36</td>
<td>22</td>
<td>17</td>
<td>30</td>
<td>33</td>
<td>-1</td>
<td>-3</td>
<td>4</td>
</tr>
<tr>
<td>% Asian</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>6</td>
<td>7</td>
<td>5</td>
<td>1</td>
<td>-2</td>
<td>-2</td>
<td>-4</td>
</tr>
<tr>
<td>% Other races</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>6</td>
<td>3</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>% Limited English</td>
<td>13</td>
<td>13</td>
<td>15</td>
<td>0</td>
<td>5</td>
<td>8</td>
<td>9</td>
<td>-4</td>
<td>-6</td>
<td>2</td>
</tr>
<tr>
<td>% Special Educ.</td>
<td>14</td>
<td>14</td>
<td>15</td>
<td>5</td>
<td>7</td>
<td>10</td>
<td>12</td>
<td>-2</td>
<td>-3</td>
<td>2</td>
</tr>
<tr>
<td>% Low Income</td>
<td>86</td>
<td>86</td>
<td>88</td>
<td>61</td>
<td>39</td>
<td>65</td>
<td>91</td>
<td>5</td>
<td>3</td>
<td>26</td>
</tr>
<tr>
<td>% Homeless</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>5</td>
<td>-1</td>
<td>-1</td>
<td>3</td>
</tr>
<tr>
<td>Attendance Rate</td>
<td>92</td>
<td>92</td>
<td>92</td>
<td>92</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>2</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Mobility Rate</td>
<td>22</td>
<td>22</td>
<td>26</td>
<td>3</td>
<td>7</td>
<td>7</td>
<td>13</td>
<td>-10</td>
<td>-13</td>
<td>5</td>
</tr>
<tr>
<td>Chronic Truants (%)</td>
<td>33</td>
<td>33</td>
<td>36</td>
<td>34</td>
<td>17</td>
<td>16</td>
<td>31</td>
<td>-3</td>
<td>-5</td>
<td>15</td>
</tr>
</tbody>
</table>

Total Enrollment: 395,198, 345,173, 300,523, 10,979, 7,193, 26,478, 48,700
Enrollment per School: 596, 609, 594, 1,220, 719, 630, 521
Number: 663, 567, 506, 9, 10, 42, 96
Share of Total Students: 100, 87, 76, 3, 2, 7, 12

Sources: Illinois State Board of Education; Chicago Board of Education.
Student Performance

Because of demographic differences it is important to control for school characteristics when comparing charters and traditionals.

The analysis therefore controlled for racial mixes, % limited English, % special education, % low income, % homeless, chronic truancy rates, attendance rates and mobility rates.
Charters and traditionals were compared in 24 ways using 12 different performance measures, including reading and math testing, reading and math improvement during the school year, four and five graduation rates, and ACT scores.

Traditionals out-performed charters in 19 of 24 comparisons (15 statistically significant)

Charters out-performed traditionals in 5 of 24 comparisons (1 statistically significant)
## Table 4: Charter Performance Compared to Traditional Schools

<table>
<thead>
<tr>
<th>Student Group</th>
<th>All</th>
<th>Black</th>
<th>Hispanic</th>
<th>Low-Income</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Grade - level Models</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reading Pass Rate</td>
<td>-2.5</td>
<td>**</td>
<td>-3.9</td>
<td>**</td>
</tr>
<tr>
<td>Math Pass Rate</td>
<td>-2.3</td>
<td>**</td>
<td>-3.5</td>
<td>**</td>
</tr>
<tr>
<td><strong>School- level Models</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reading Pass Rate</td>
<td>-2.2</td>
<td>*</td>
<td>-3.3</td>
<td>*</td>
</tr>
<tr>
<td>Math Pass Rate</td>
<td>-0.8</td>
<td></td>
<td>-0.7</td>
<td>0.5</td>
</tr>
<tr>
<td>Reading Growth Rate</td>
<td>-3.7</td>
<td>**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math Growth Rate</td>
<td>-4.3</td>
<td>**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Four Year Graduation Rate</td>
<td>-13.2</td>
<td>**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Five Year Graduation Rate</td>
<td>-29.1</td>
<td>**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACT Composite Score</td>
<td>0.4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACT English Score</td>
<td>0.4</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>ACT Math Score</td>
<td>1.1</td>
<td>**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACT Science Score</td>
<td>0.1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Comparisons represent regression coefficients from multiple regressions that control for school racial mixes; test grade level; whether schools were classified as "selective", "gifted," or magnets; the percentage of students in the school in limited English programs; the percentage in independent educational programs; the percentage who were low income; the percentage who were homeless; the school attendance rate; the school mobility rate; the school chronic truancy rate; and total school enrollment. See Appendix 1 for full multiple regression results.

*: Estimate significant at 90% confidence level.
**: Estimate significant at 95% confidence level.
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