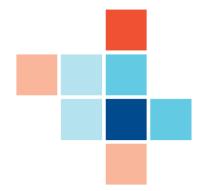


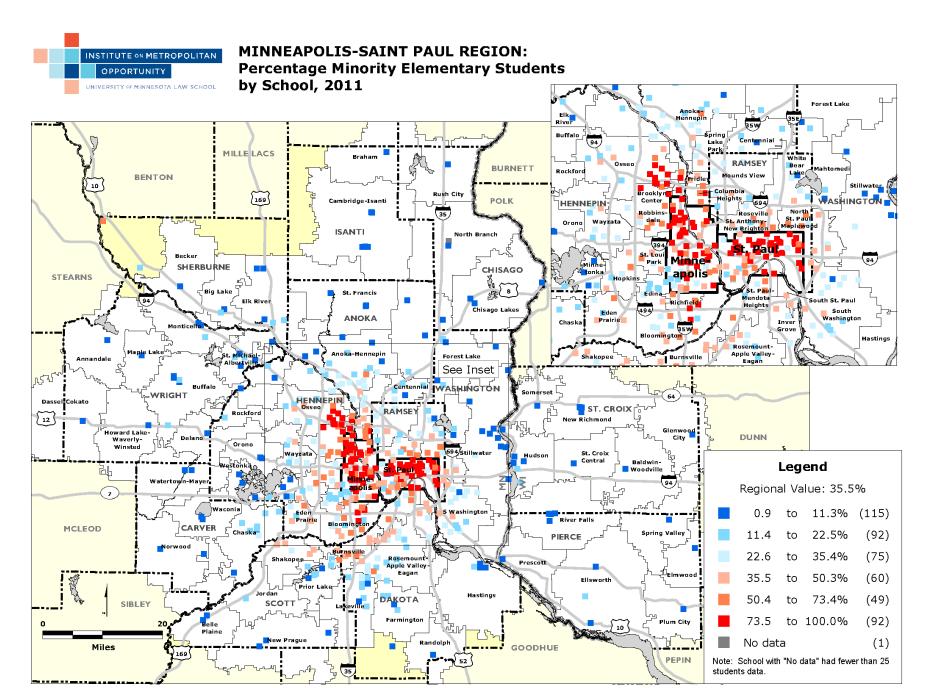
## Opportunity and Inclusive Growth Conference

-Myron Orfield-

May 23, 2017



# Twin Cities School Demographics





MINNEAPOLIS-SAINT PAUL REGION:

**Percentage of Elementary Students Eligible for Free** or Reduced Lunch by School, 2011 Forest Lake Anoka-Elk River Hennepin Buffalo MILLE LACS Braham Bear BURNETT Rockford BENTON Stillwater 7 169 POLK WASHINGTON Cambridge-Isanti HENNERIN 35 ISANTI North Branch Becker 94) SHERBURNE CHISAGO **tonka** apolis **STEARNS** \$\frac{1}{2}\text{\$\int\_{\text{8}}} \left(\frac{8}{2}\text{\$\text{\$\frac{1}{2}\text{\$\frac{1}\text{\$\frac{1}{2}\text{\$\frac{1}\text{\$\frac{1}\text{\$\frac{1}\text{\$\frac{1}\text{\$\frac{1}\text{\$\frac{1}\text{\$\f Big Lake Elk River Chisago Lakes South ANOKA Washington Hastings Rosemount-Apple Valley -Eagan See Inset <mark>JLS-7</mark>5~ Centennial WASHINGTON Buffalo WRIGHT HENNEPIN Dasse ST. CROIX RAMSE 12 ( Glenwood Howard Lake-DUNN Waverly-St. Croix Central Baldwin-Legend Regional Value: 37.4% 0.8 13.9% (79)River Falls MCLEOD Spring Valley 25.5% 14.0 (117)25.6 37.3% (76)Prescott pple Valley 51.3% (72)Ellsworth DAKOTA 73.1% (47)SIBLEY SCOTT Farmington 73.2 99.0% (92)10 New Prague No data (1) Miles GOODHUE 169 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 Forest Lake Anoka-Hennepin Buffalo MILLE LACS Brahan BURNETT Rockford BENTON Stillwater Brooklyn 169 POLK WASHINGTON Cambridge-Isanti HENNERIN 35 ISANTI North Branch Becker 94) SHERBURNE CHISAGO apolis **STEARNS** STE 8 Big Lake Heights Chisago Lakes South ANOKA Washington Prairie Grove Hastings Rosemount-Apple Valley-Eagan See Inset <mark>rt-1</mark> Buffalo Centennial IWASHINGTON WRIGHT HENNEPIN Dasse ST. CROIX RAMSEY 12 ( Glenwood Howard Lake-DUNN Waverly-Orono St. Croix Central Baldwin-Legend Regional Value: 6.5 -0.1 or less (89)River Falls MCLEOD CARVER Spring Valley 0.0 2.9 (79)PIERCE 3.0 6.4 (92)Prescott Apple Valley 6.5 10.3 (76)DAKOTA 15.0 (57)10.4 SIBLEY SCOTT Farmington 15.1 (37)more 10 New Prague No data (54)Miles GOODHUE 169 Note: School with "No data" had fewer than 25 students data.

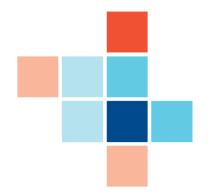
Data Source: National Center for Education Statistics.



MINNEAPOLIS-SAINT PAUL REGION: **Percentage Point Change in the Share of Elementary Students** Eligible for Free or Reduced Lunch by School, 2006-2011 Forest Lake Anoka-Hennepin Buffalo MILLE LACS Brahan BURNETT Rockford BENTON Stillwater Brooklyn Heights 169 POLK WASHINGTON Cambridge-Isanti HENNERIN 35 ISANTI North Branch Becker 94) Minne-SHERBURNE CHISAGO apolis **STEARNS** 5 8 8 Big Lake Elk River Heights Chisago Lakes South ANOKA Washington Prairie Hastings Rosemount-Apple Valley-Eagan See Inset <mark>rt-1</mark> Centennial IWASHINGTON WRIGHT HENNEPIN Dasse ST. CROIX 12 ( Glenwood Howard Lake-City DUNN Waverly-Orono St. Croix Hudson Central Baldwin-Legend Regional Value: 7.9 (54)-0.1 or less River Falls MCLEOD 0.0 (83)PIERCE 3.9 (115)Prescott Apple Valley Eagan 7.9 10.9 (64)Hastings DAKOTA (70)11.0 16.0 SIBLEY more (44)16.1 10 New Prague No data (54)Miles GOODHUE 169 Note: School with "No data" had fewer than 25

students data.

Data Source: National Center for Education Statistics.

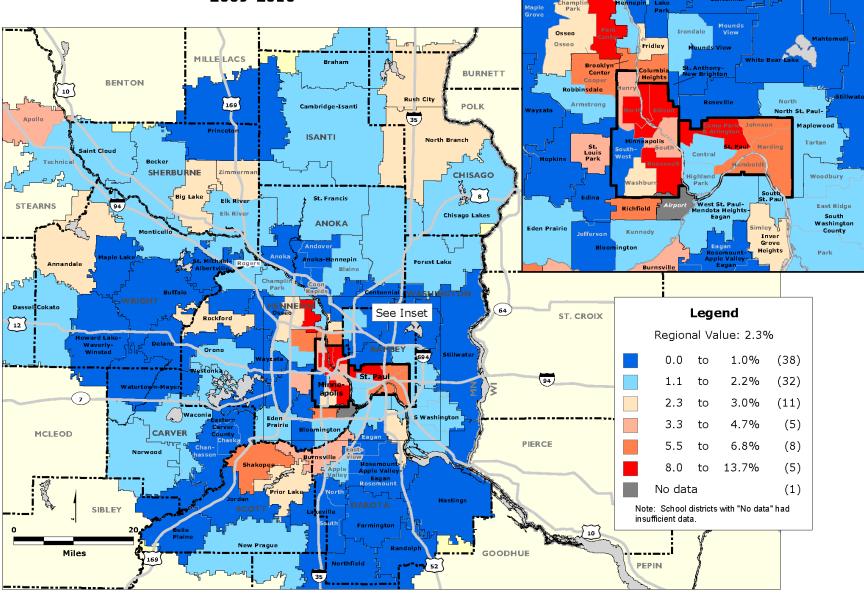


## Dropout and Graduation Rates



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.

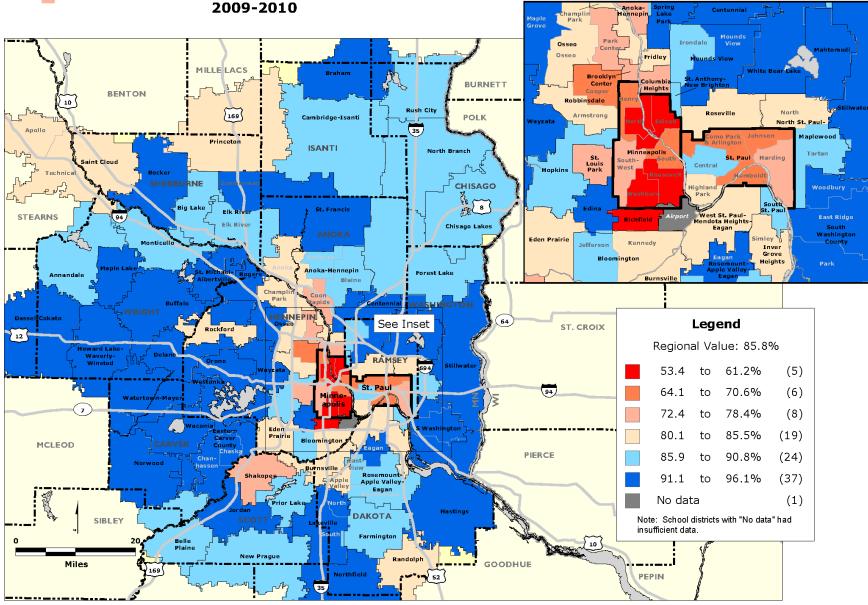


Data Source: Minnesota Department of Education.



MINNEAPOLIS-SAINT PAUL REGION: Four Year Graduation Rate by High School Attendance Boundary,

Note: The Four-Year Graduation Rate is a four-year, on-time graduation rate based on a 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.



Data Source: Minnesota Department of Education.



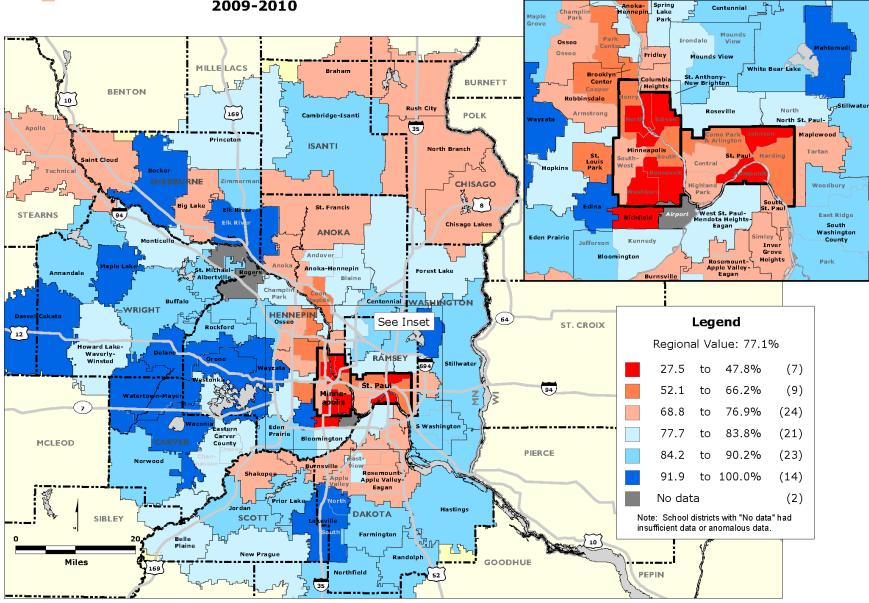
### **Completion Rates**



MINNEAPOLIS-SAINT PAUL REGION: Public High School Completion Rate by High School Attendance Boundary, 2009-2010

Note: "Completion Rates" for schools were calculated by taking the number of graduates from 2009-2010 as a percentage of each school's 9th grade enrollment for 2006-2007.

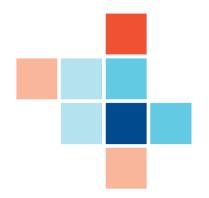
For schools that did not have a 9th grade class, we used 10th grade enrollment for 2007-2008 when calculating the rate



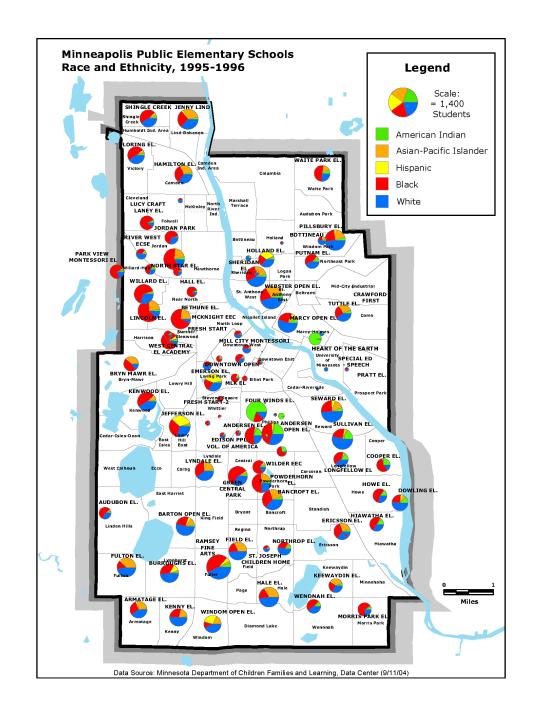
Data Source: Minnesota Department of Education.

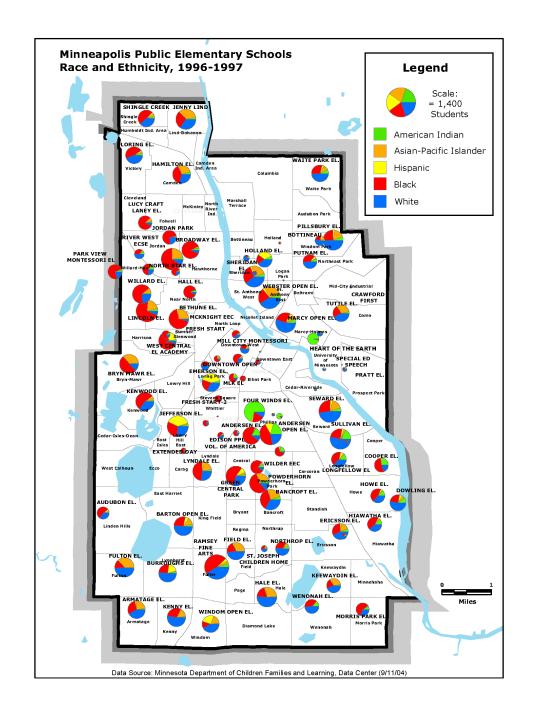


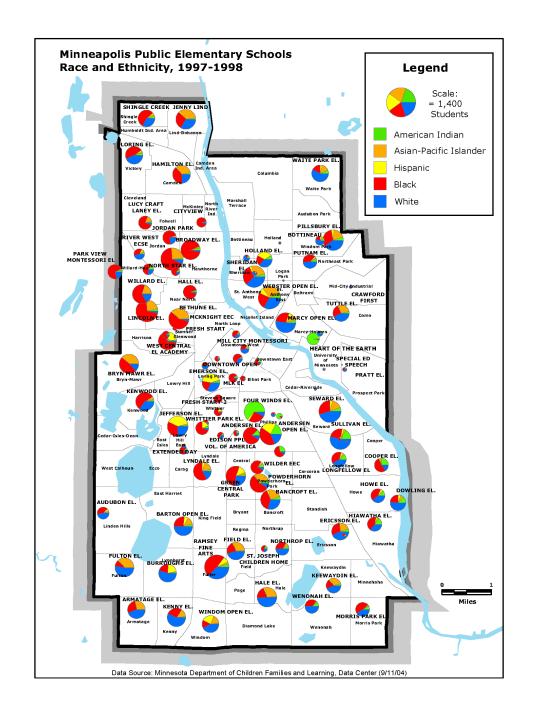
# Minneapolis Schools Demographics

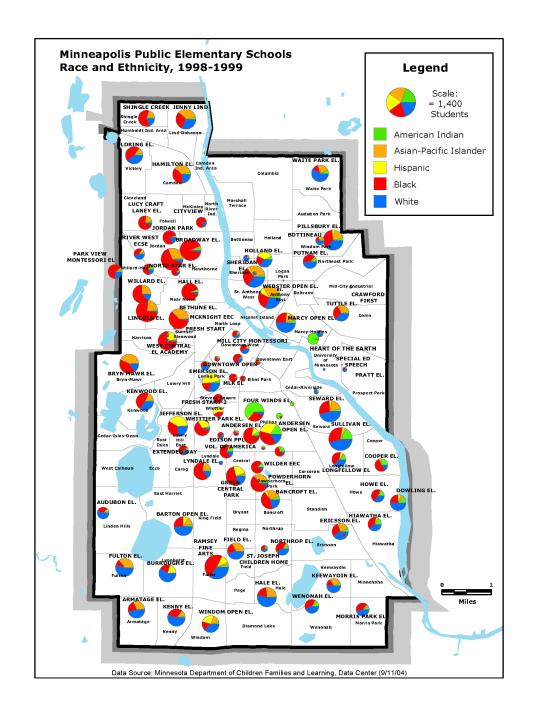


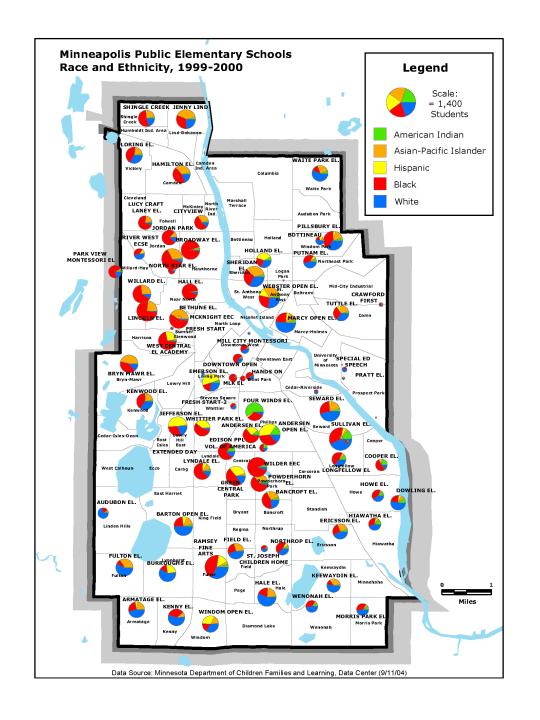
### Minneapolis Schools Race and Ethnicity, 1995 - 2014

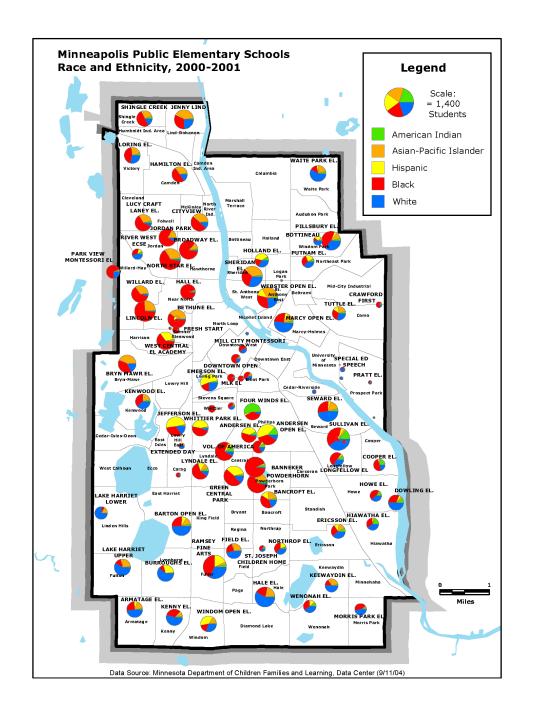


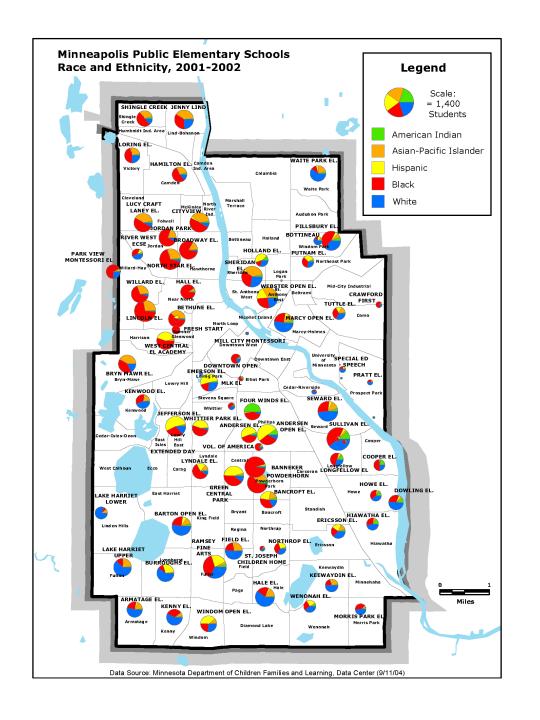


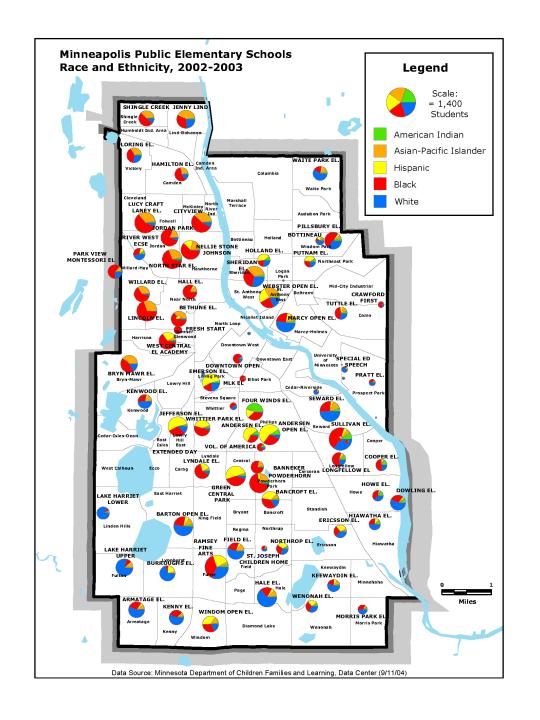


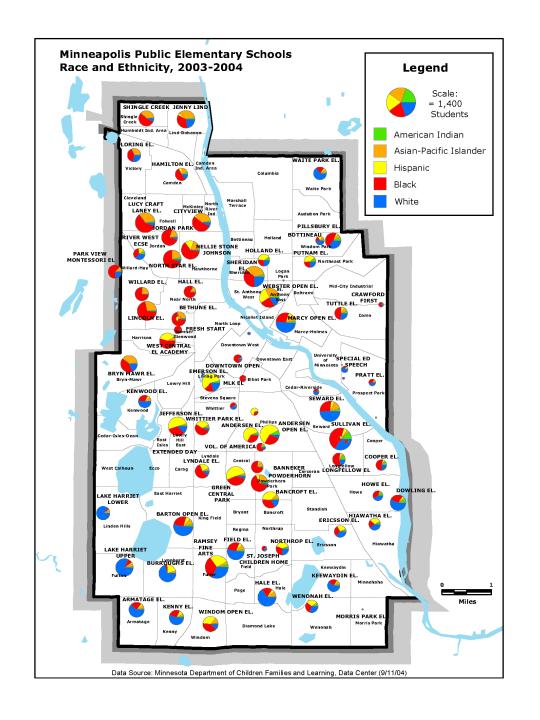


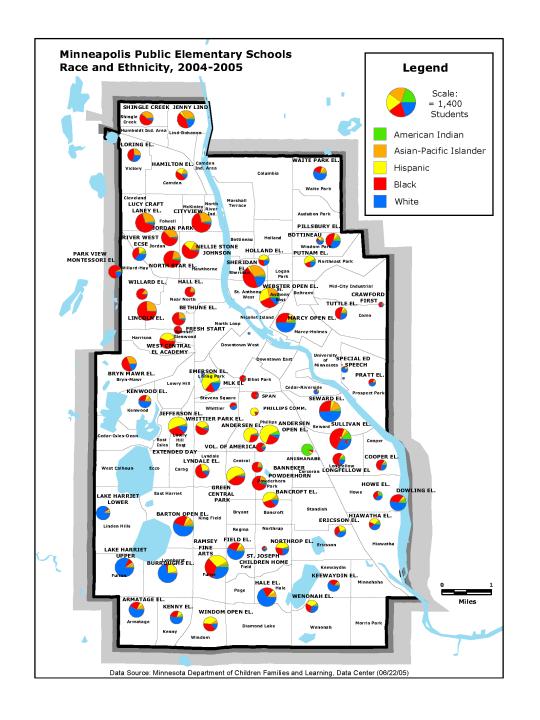


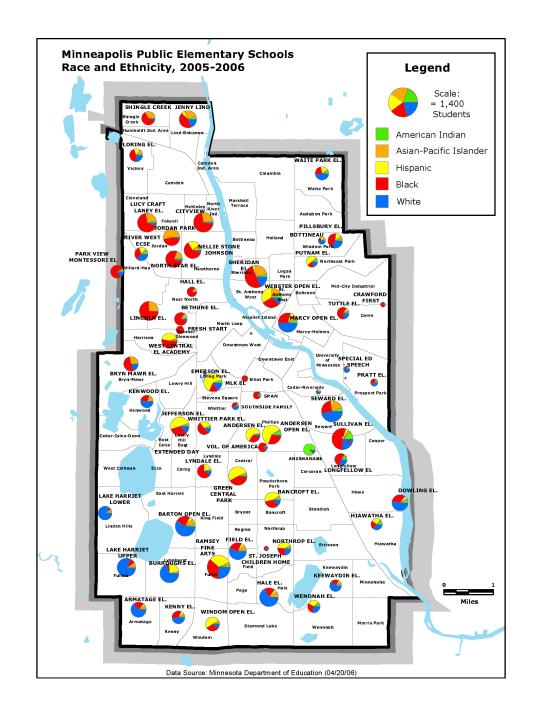


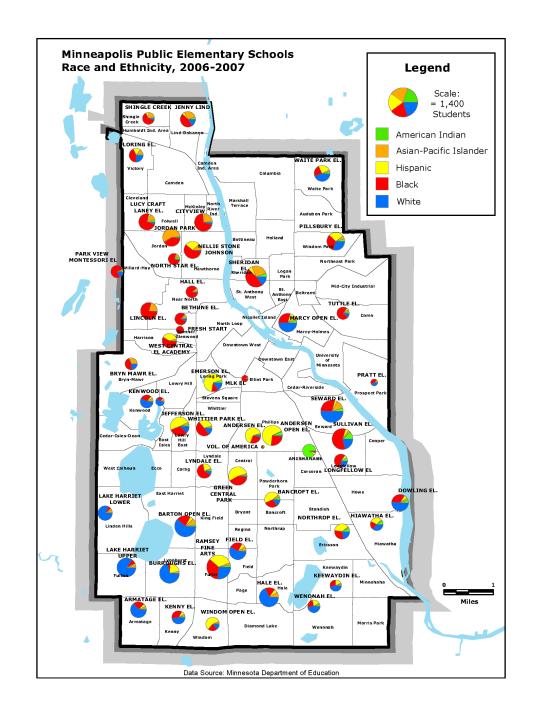


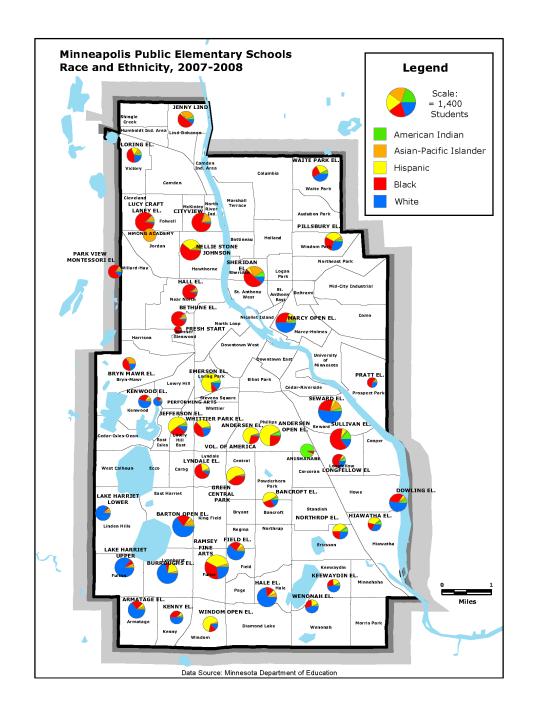


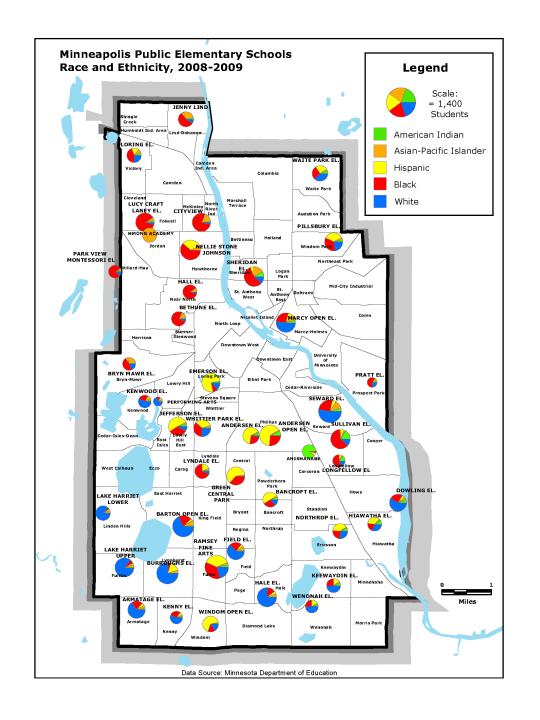


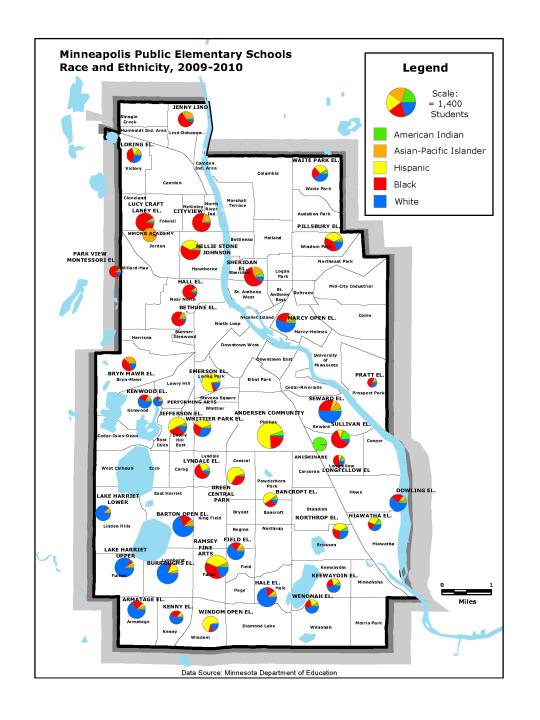


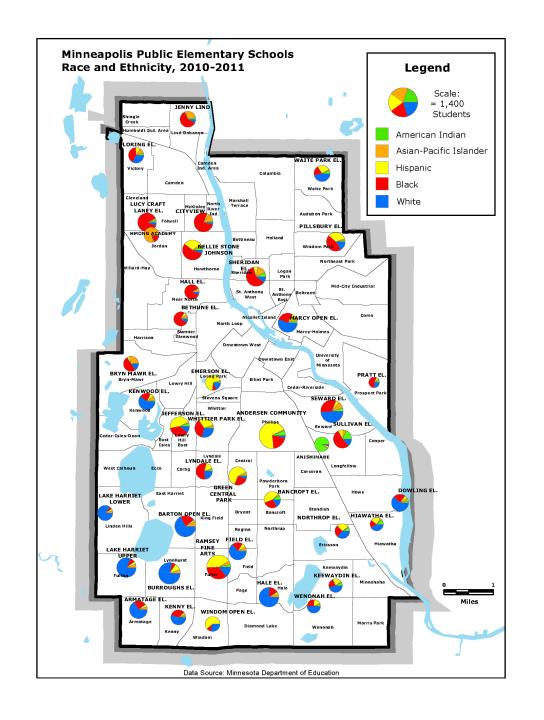


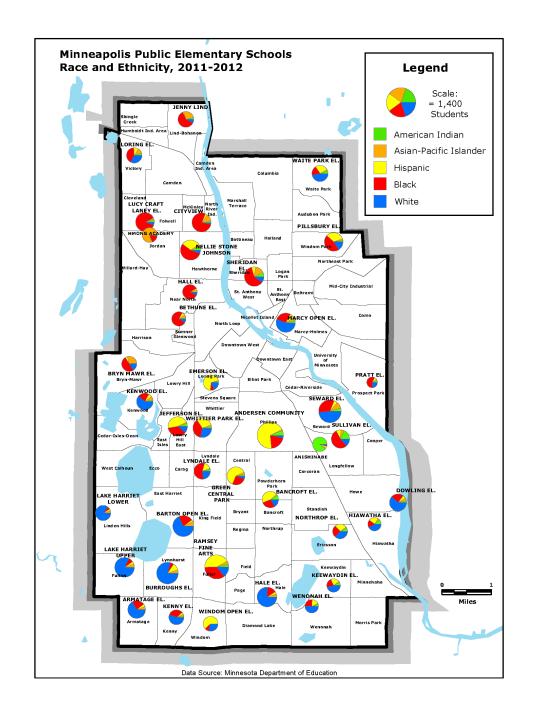


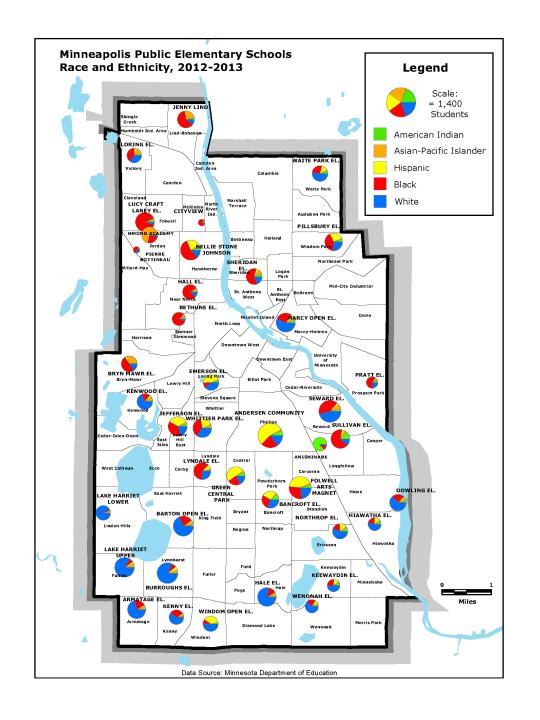


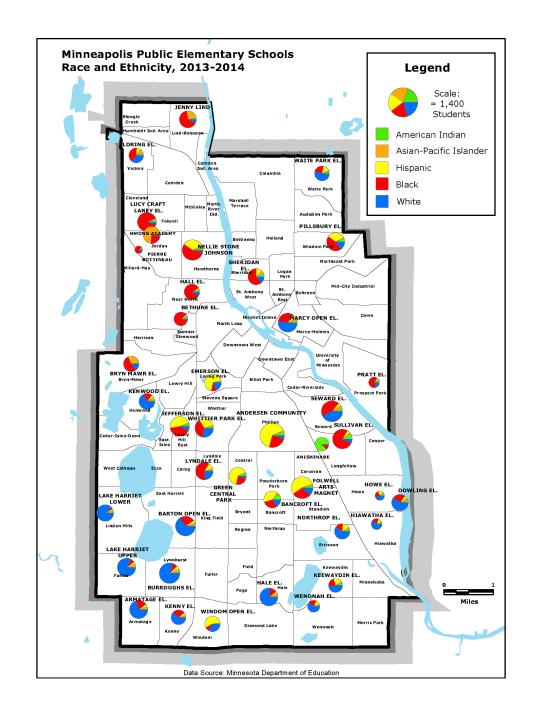


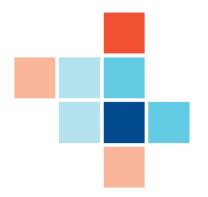




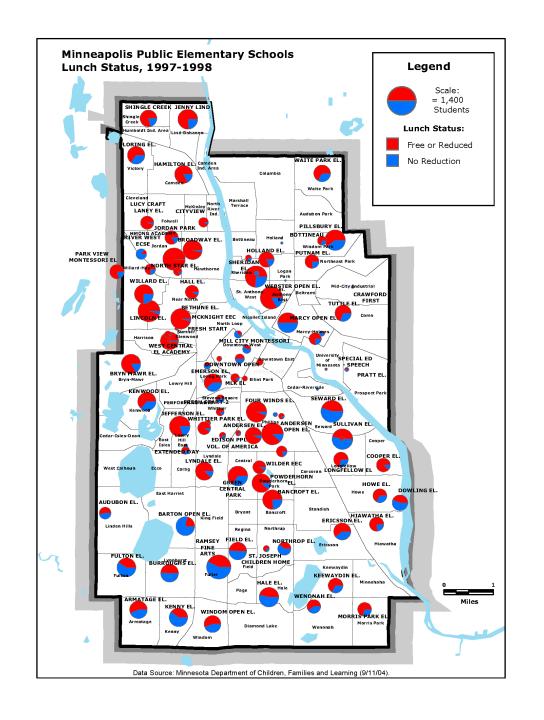


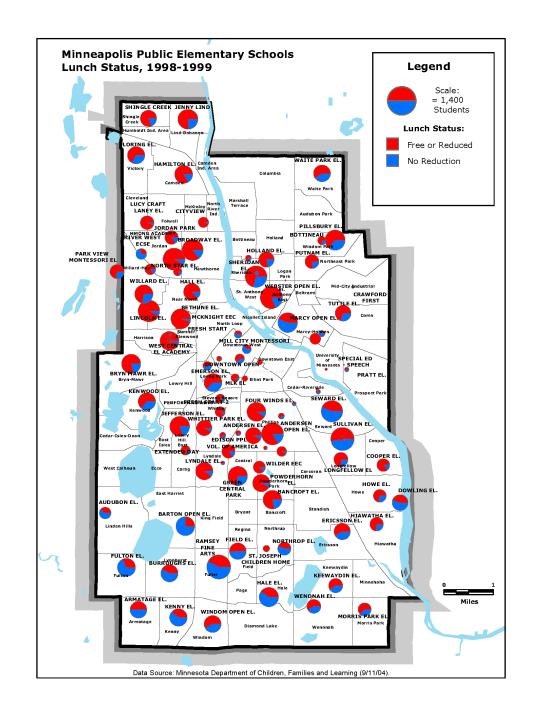


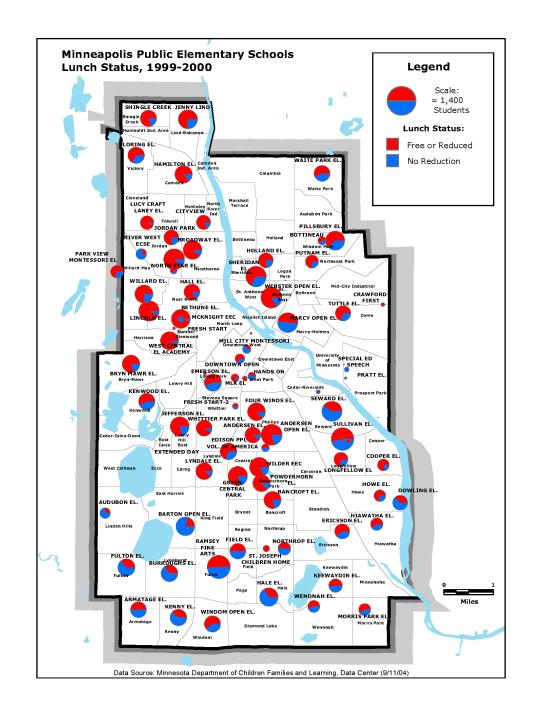


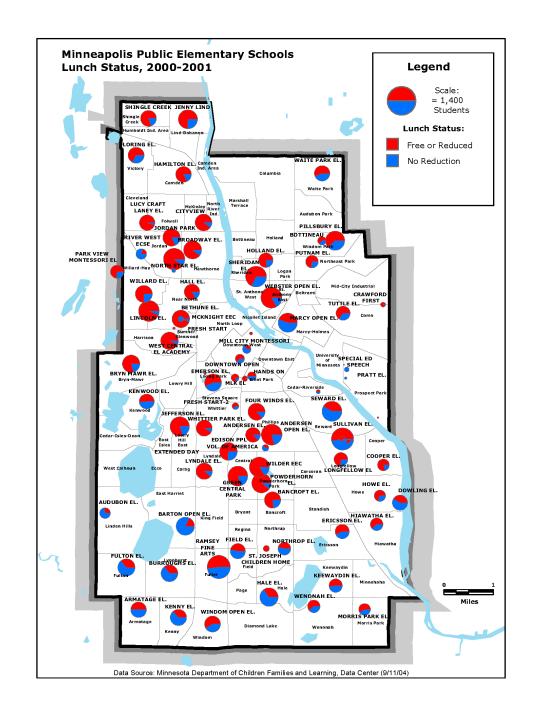


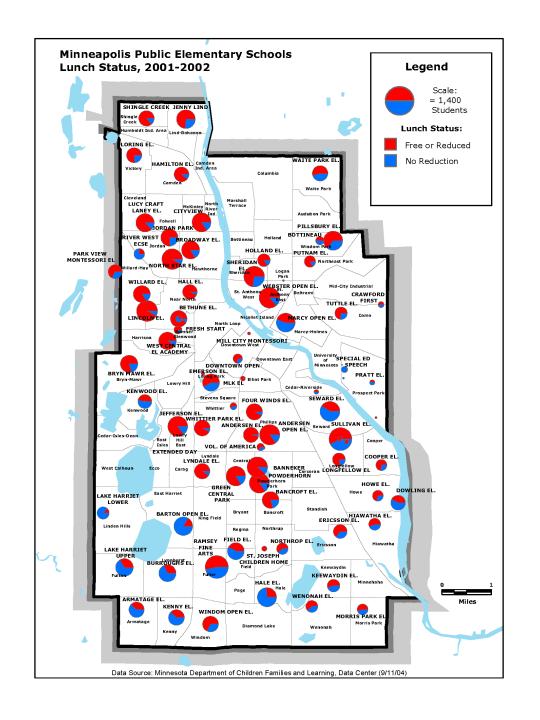
### Minneapolis Schools Free Lunch Eligibility, 1997-2014

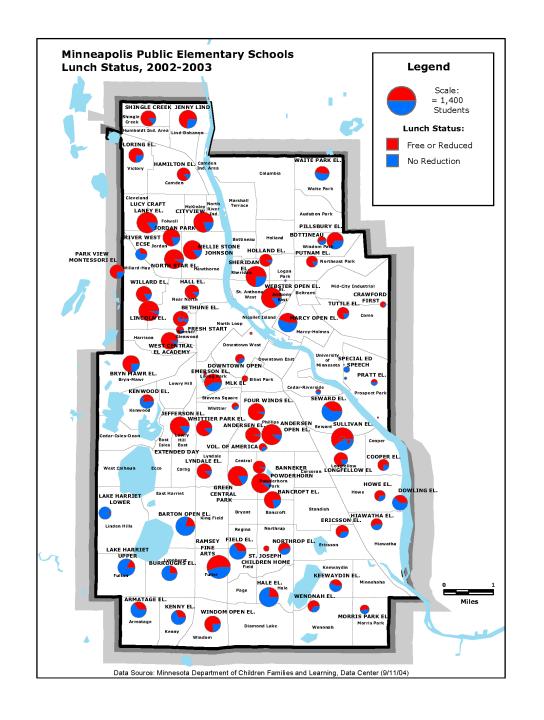


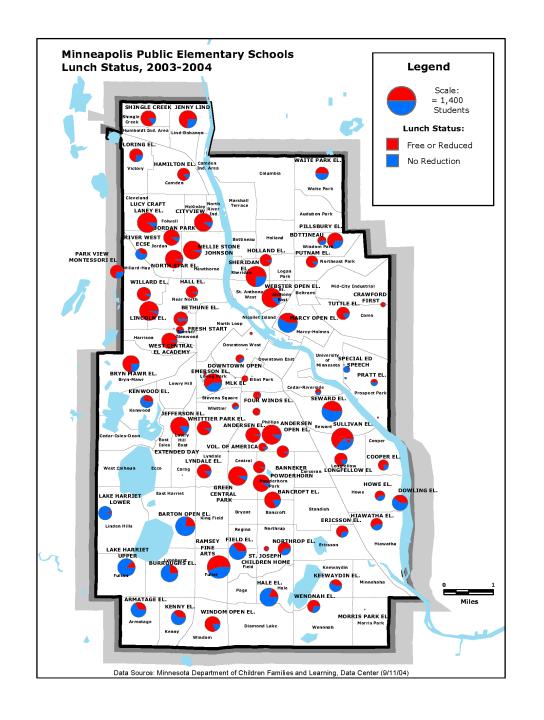


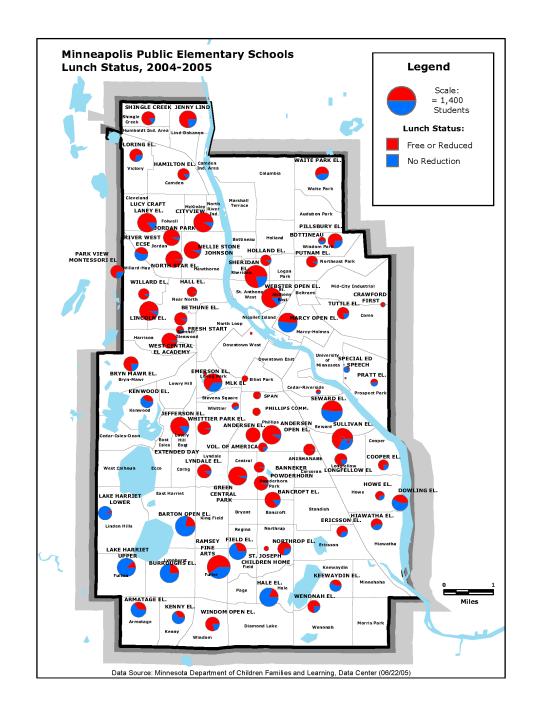


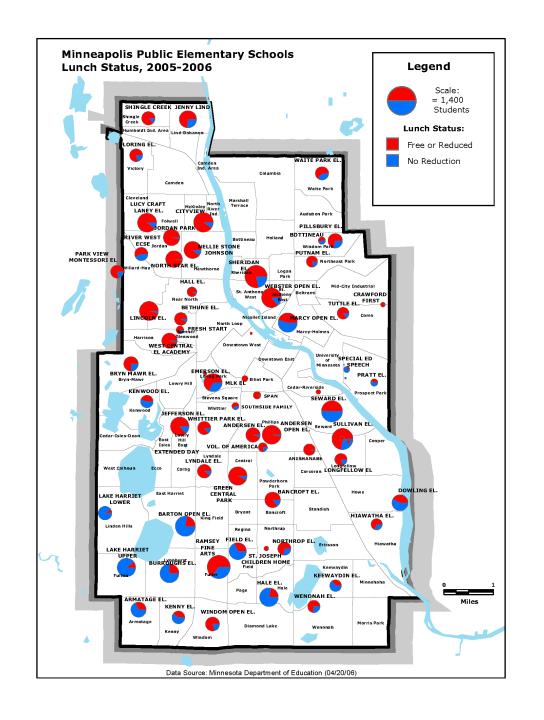


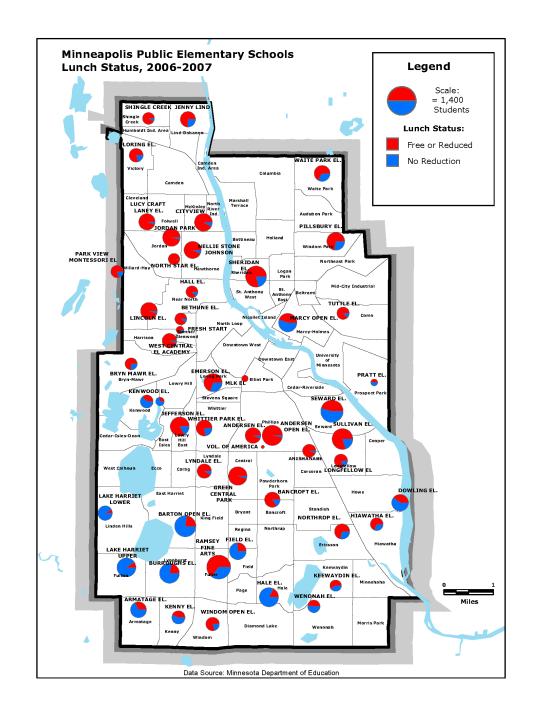


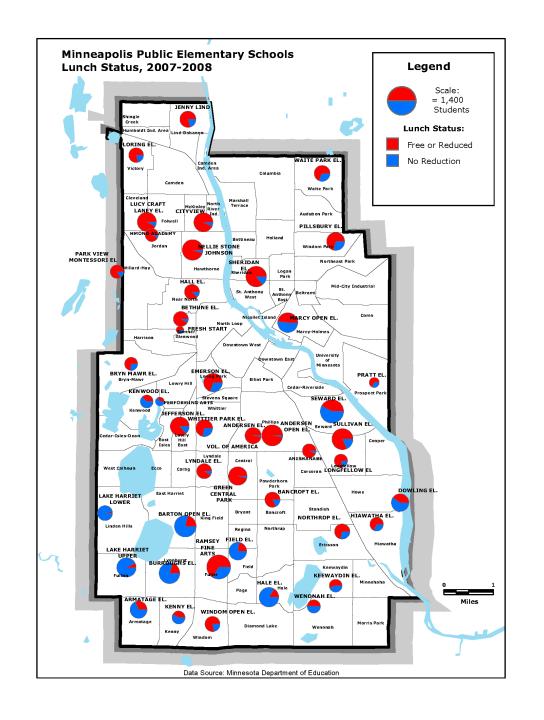


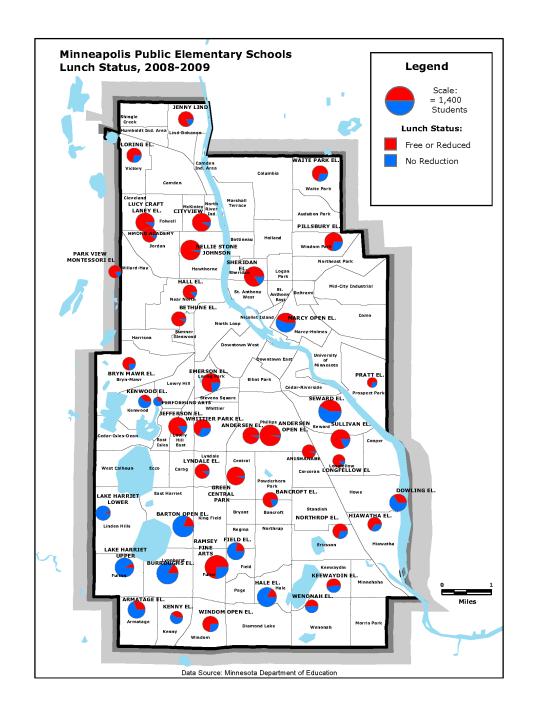


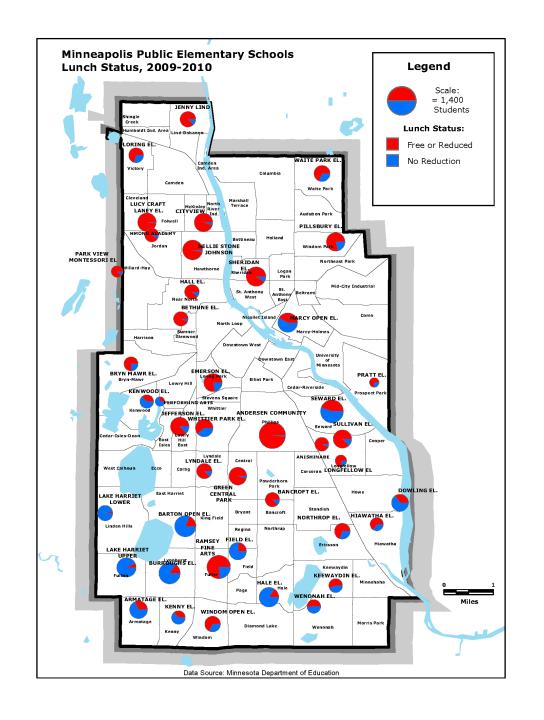


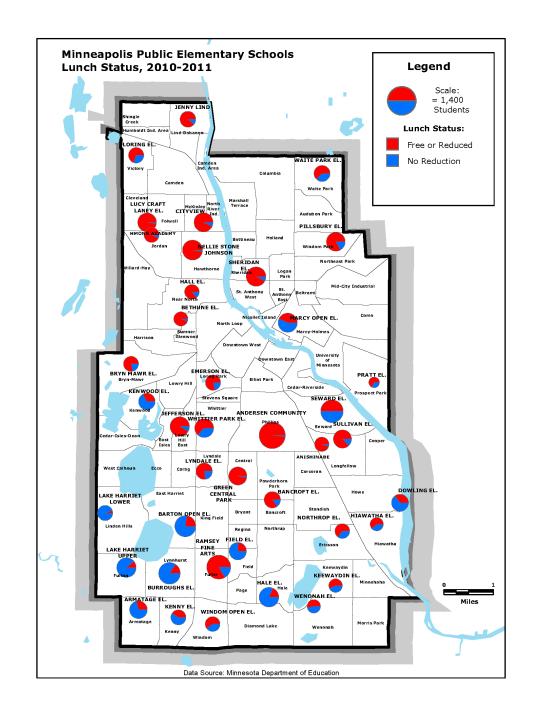


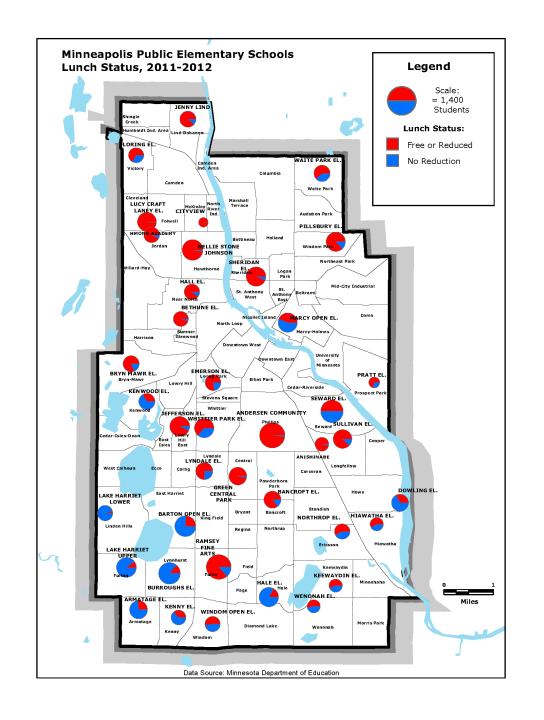


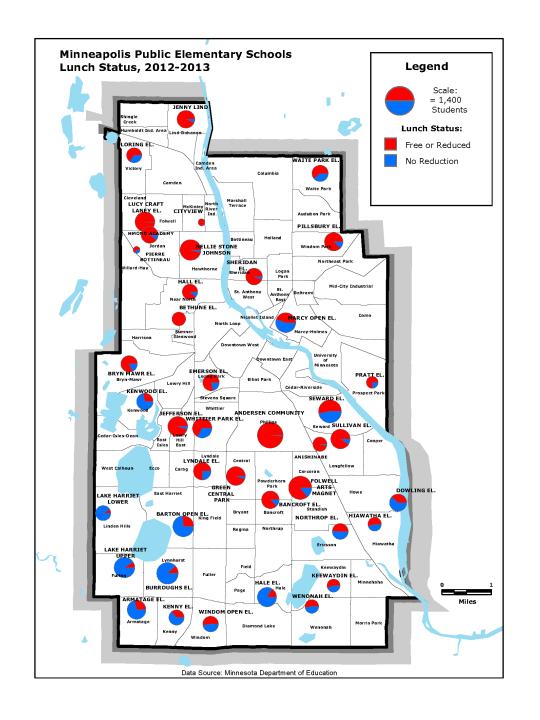


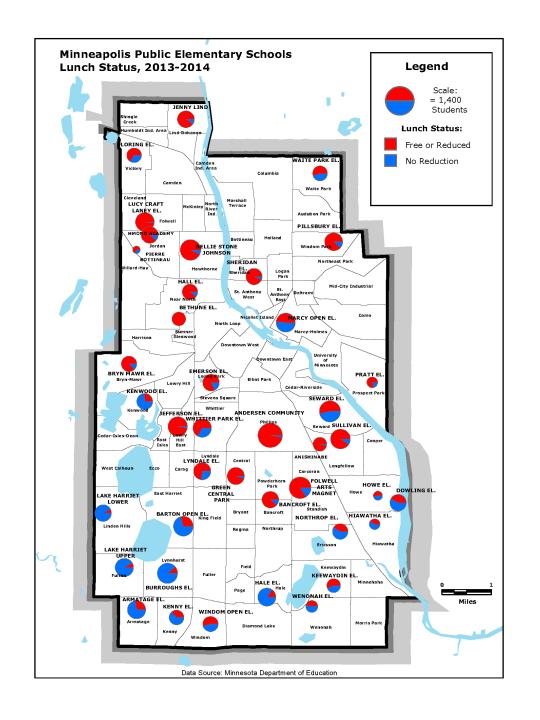


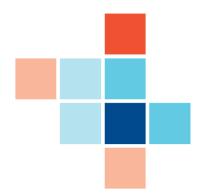




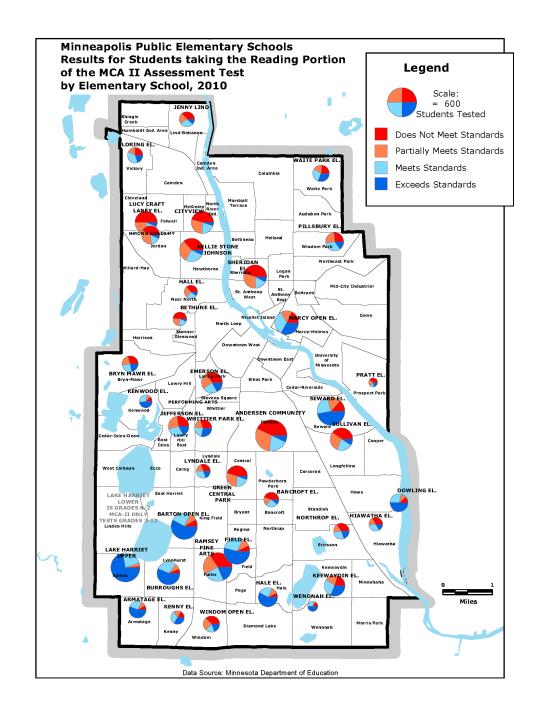


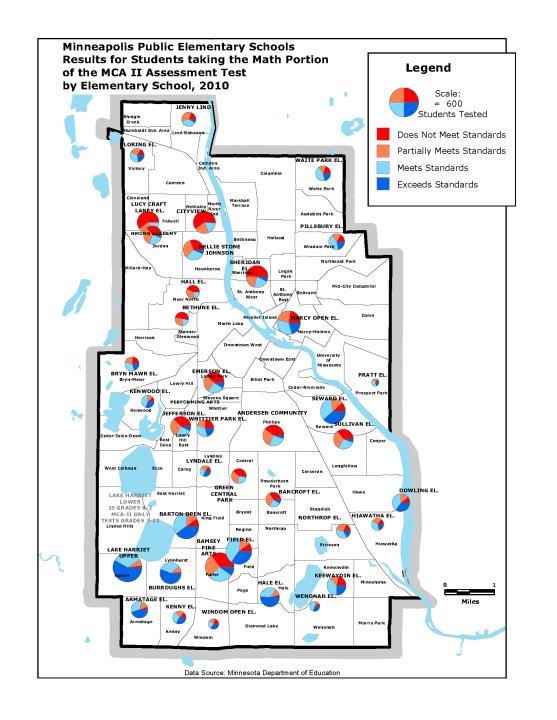






### Minneapolis Schools MCA Testing Proficiency Rates







### Suburban School Demographics

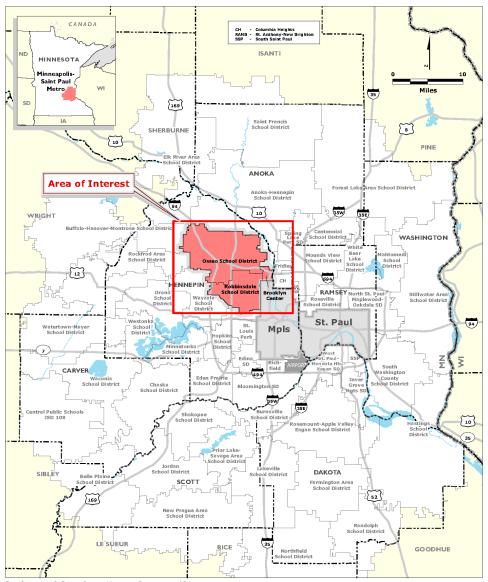


# Northwest Minneapolis Suburban School Demographics

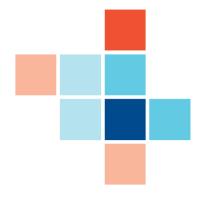


### MINNEAPOLIS - SAINT PAUL SEVEN COUNTY REGION

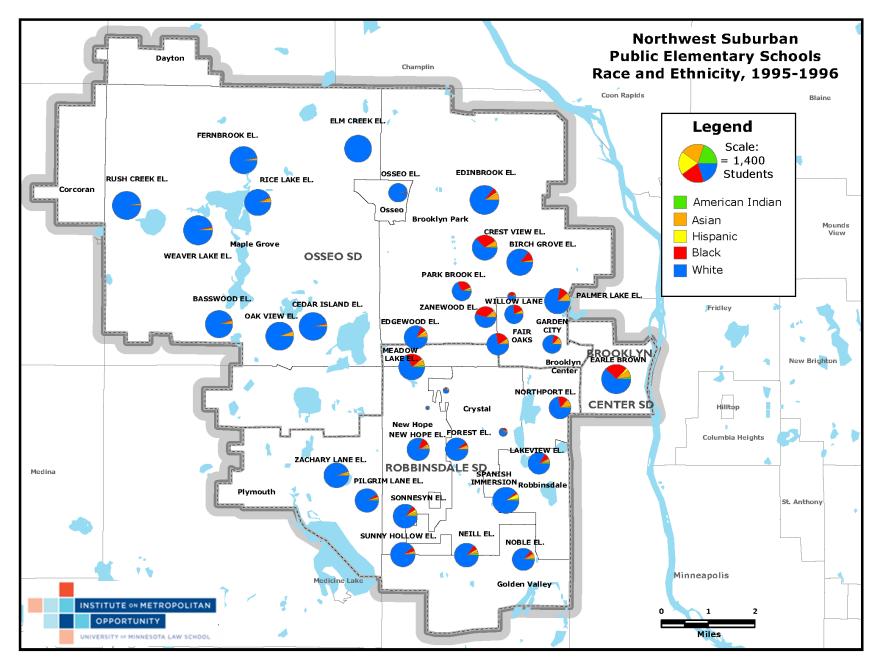
### Northwest Minneapolis Suburban School Districts

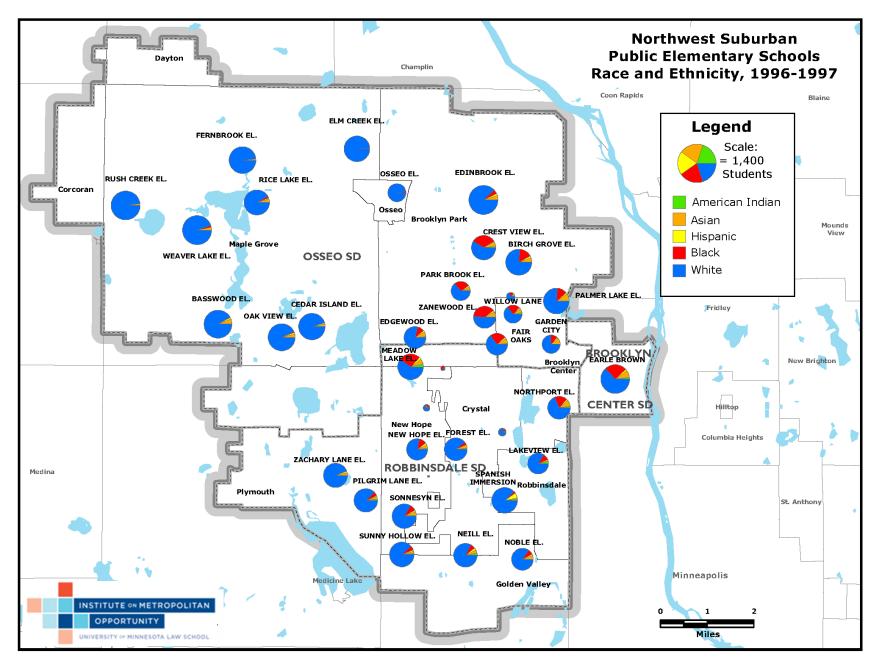


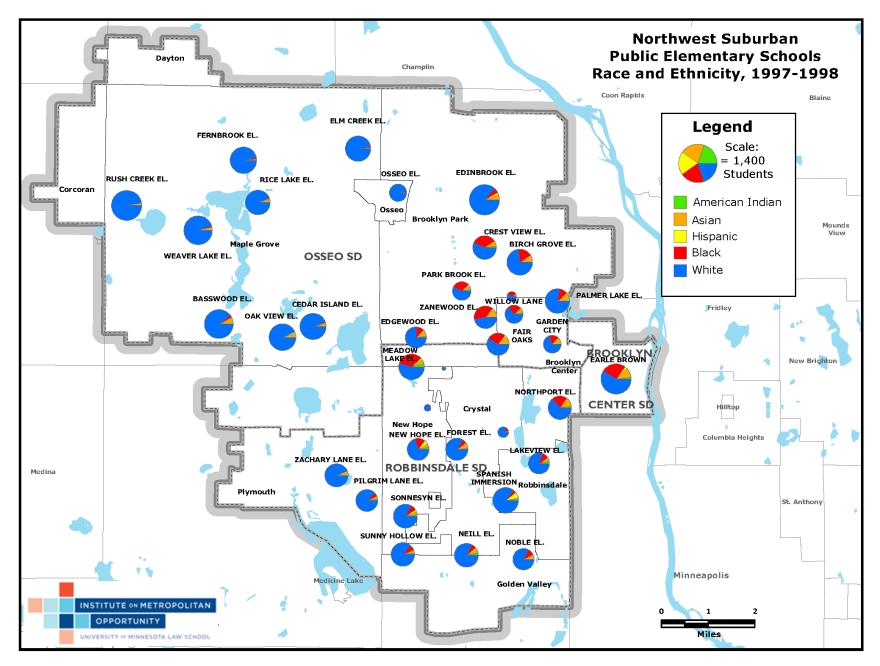
Data Sources: U.S, Census Bureau, Minnesota Department of Education.

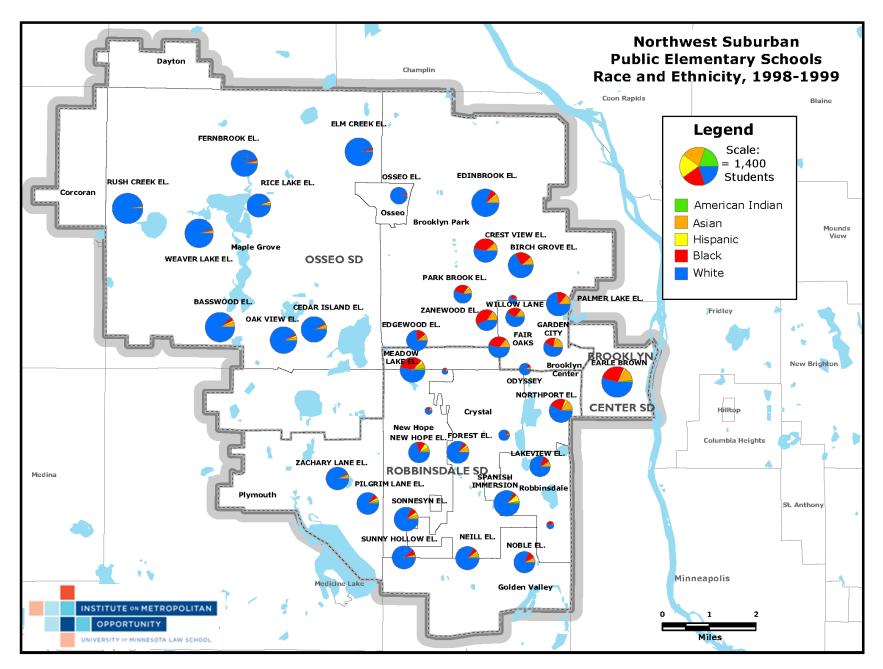


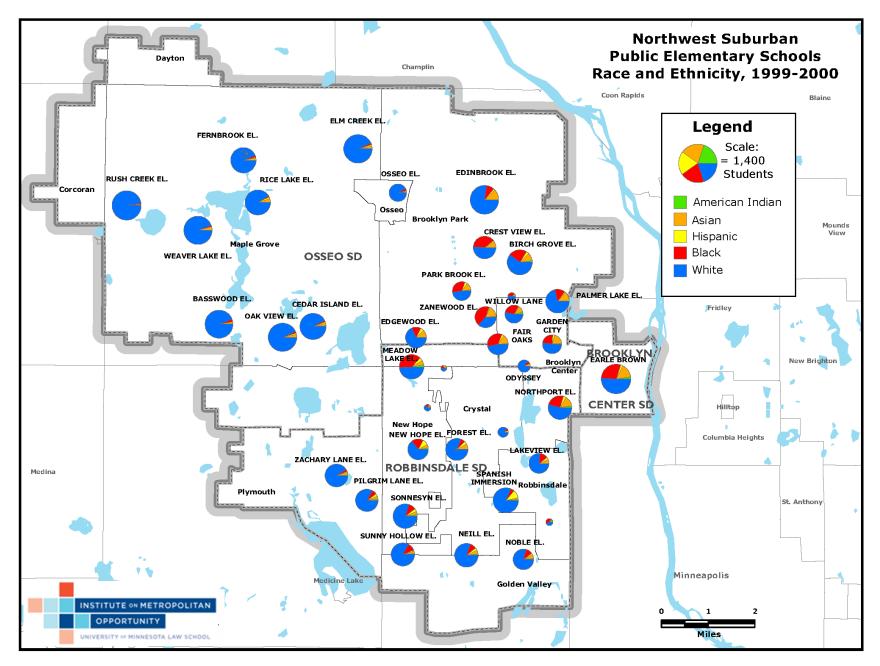
## Northwest Minneapolis Suburbs Race and Ethnicity 1995-2014

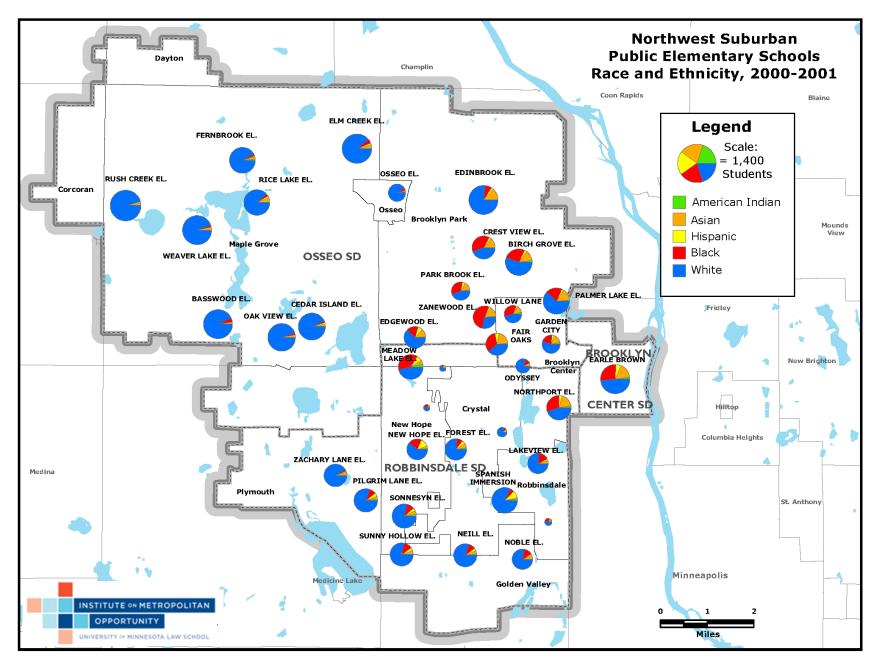


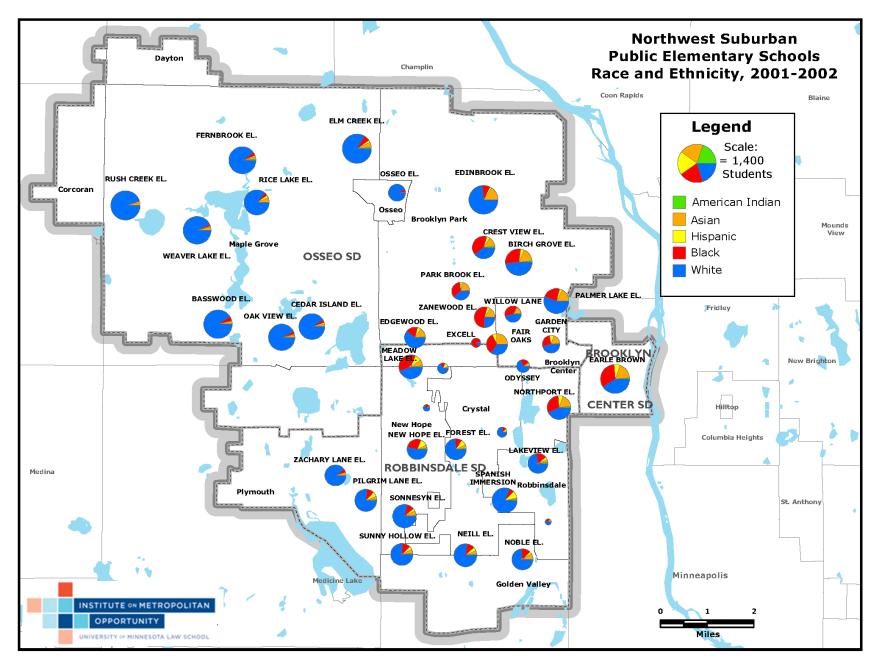


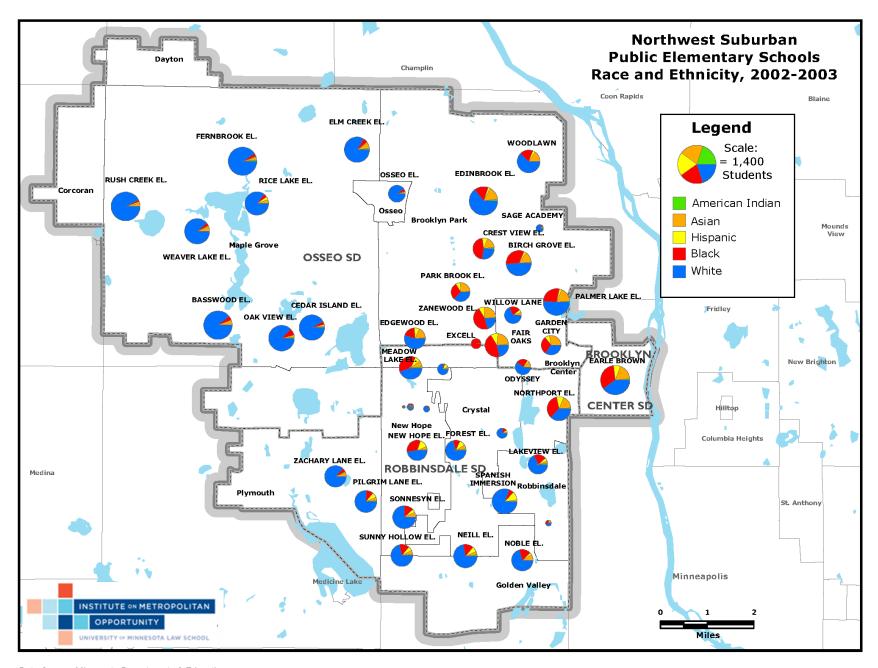


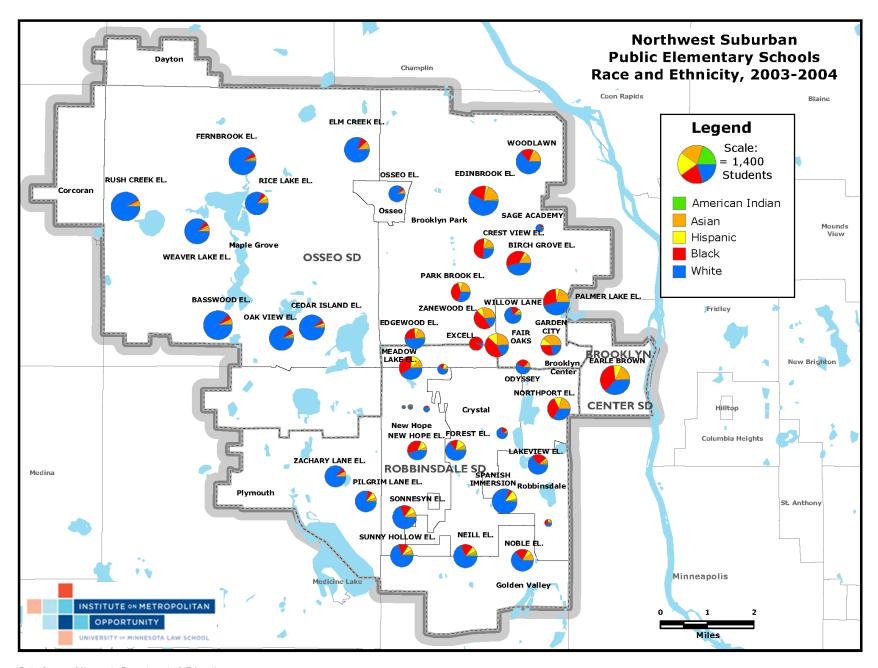


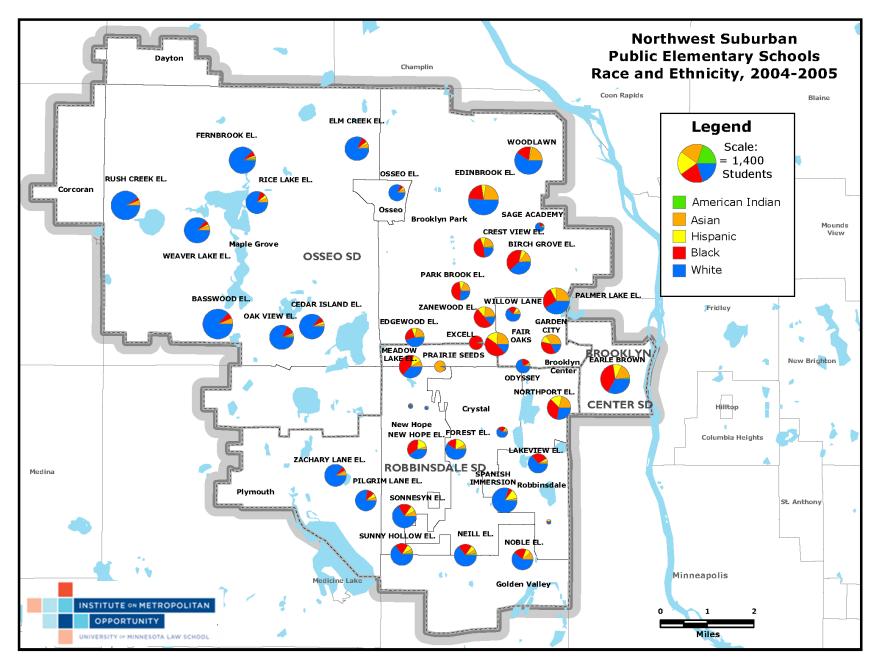


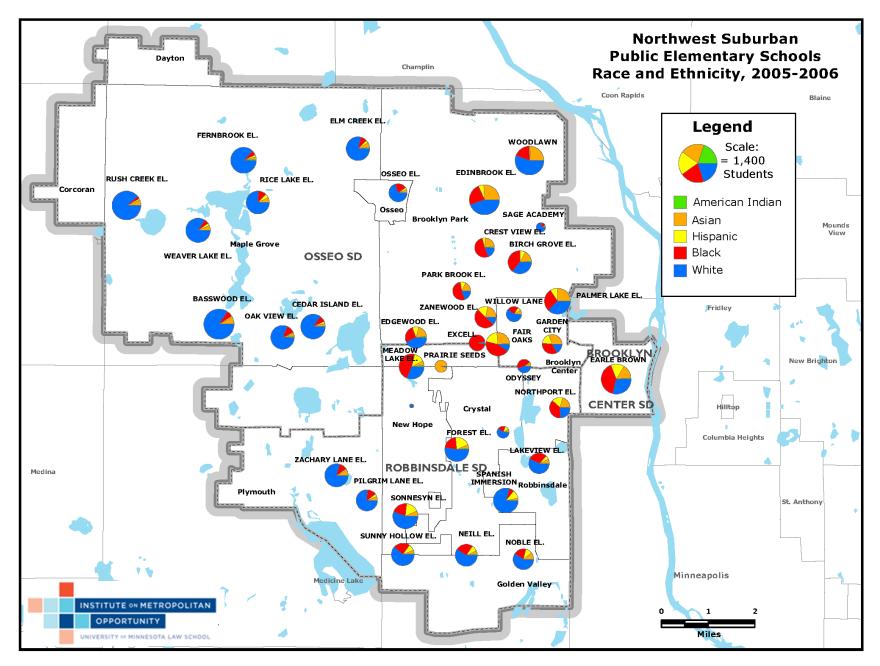


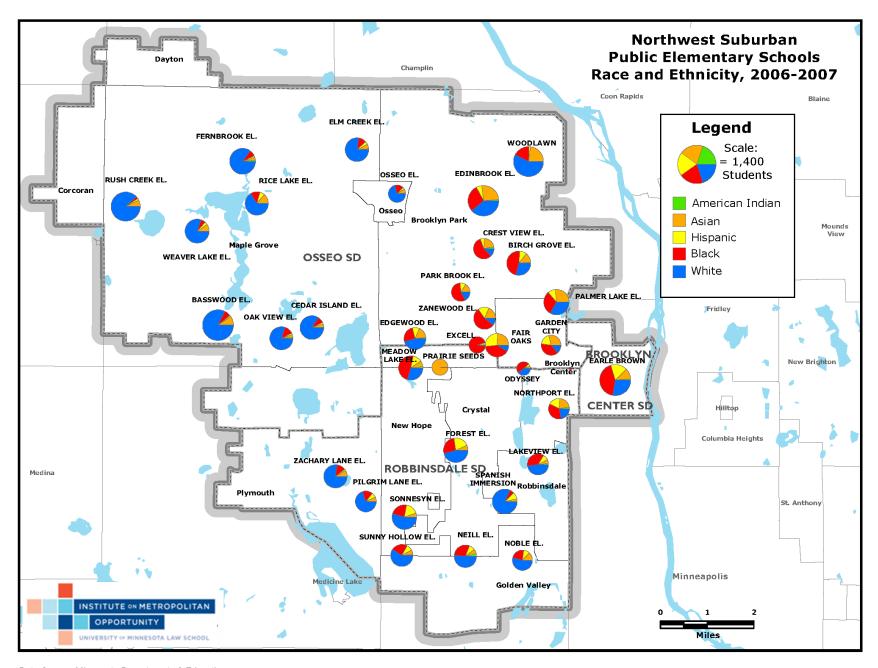


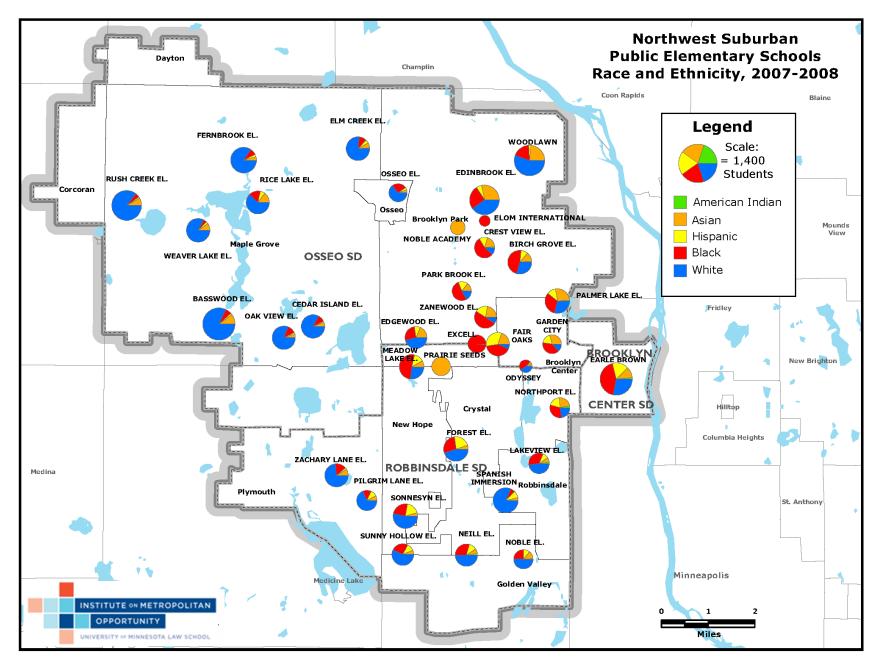


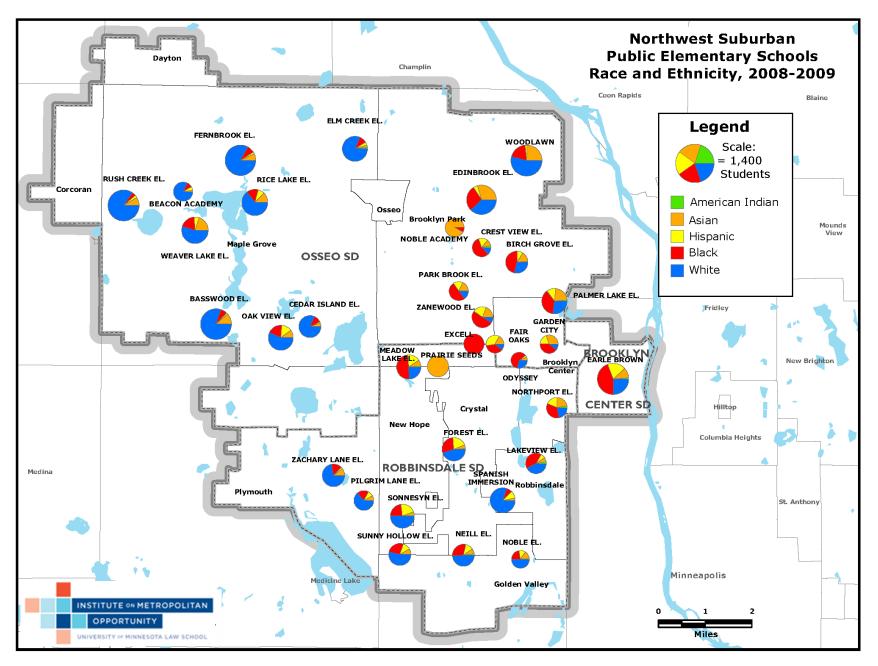


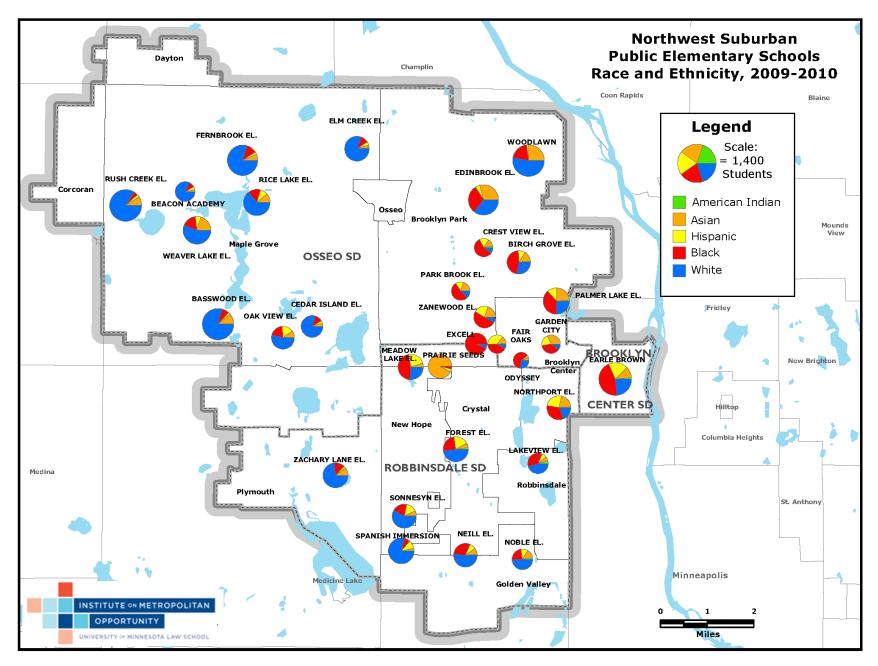


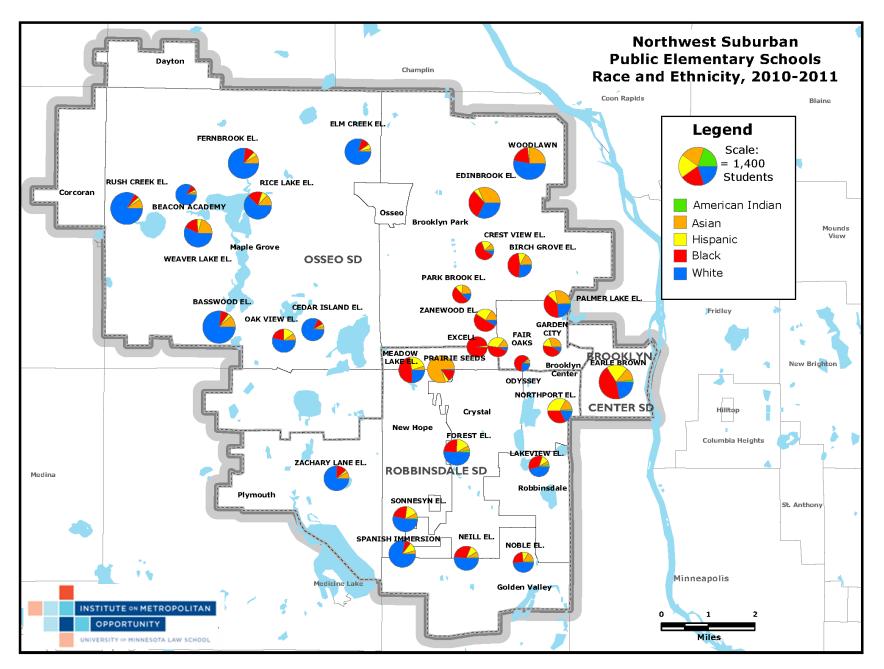


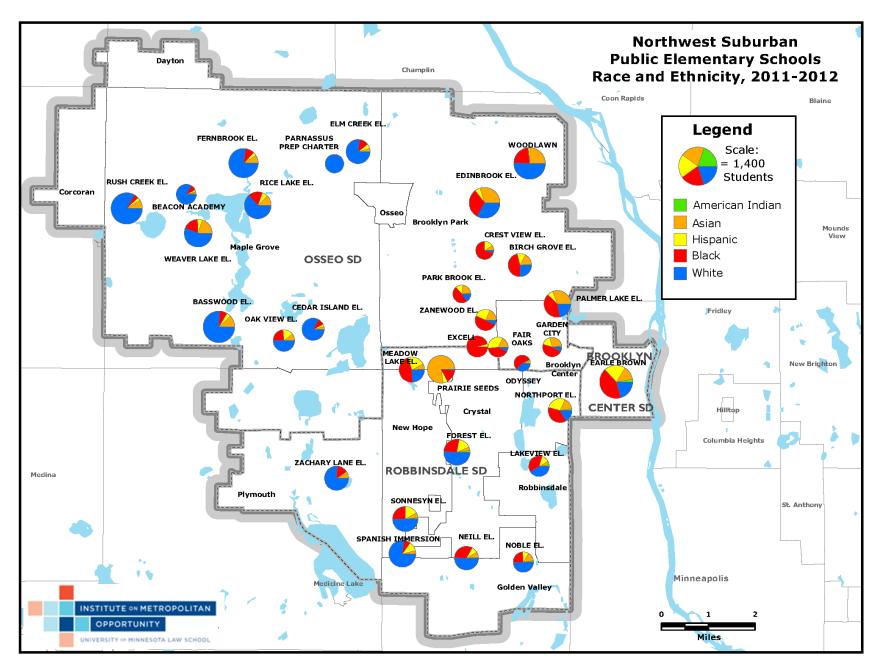


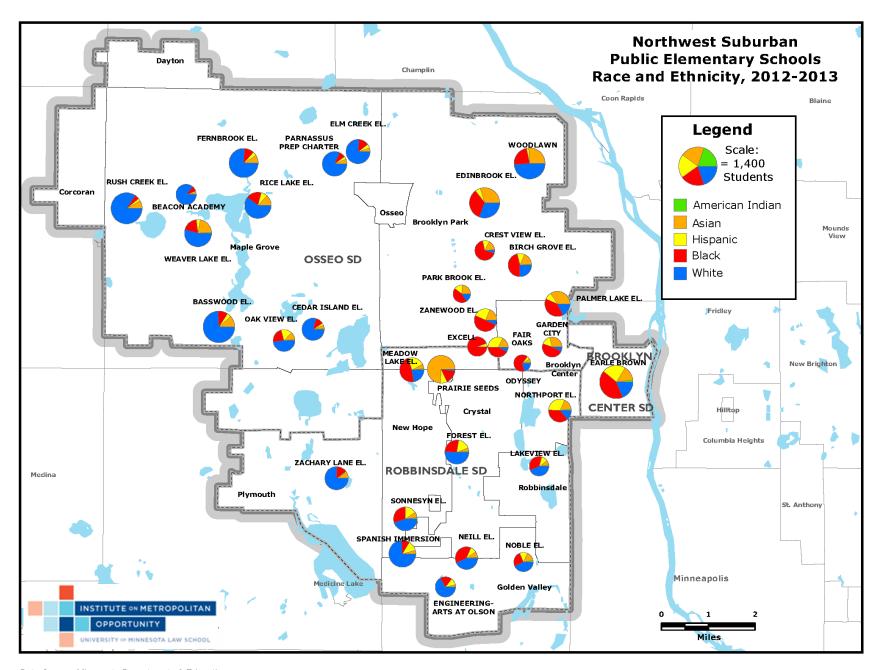


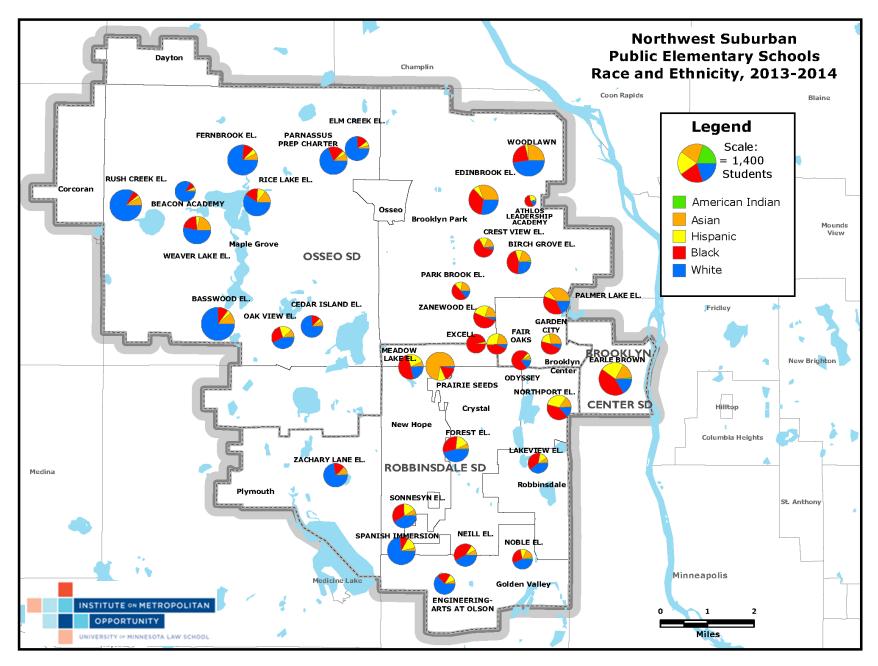


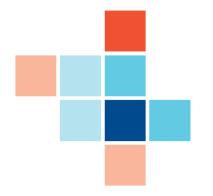




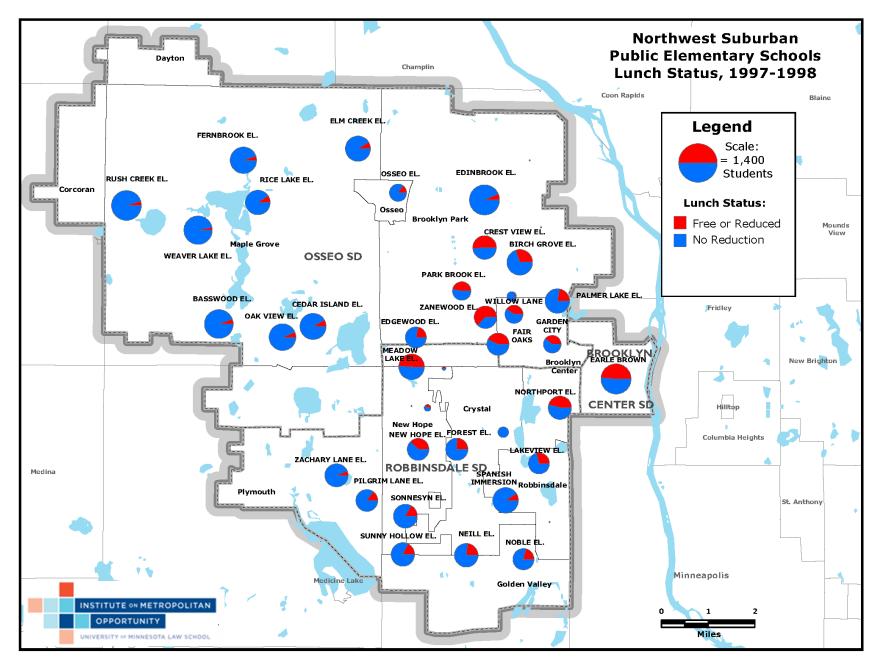


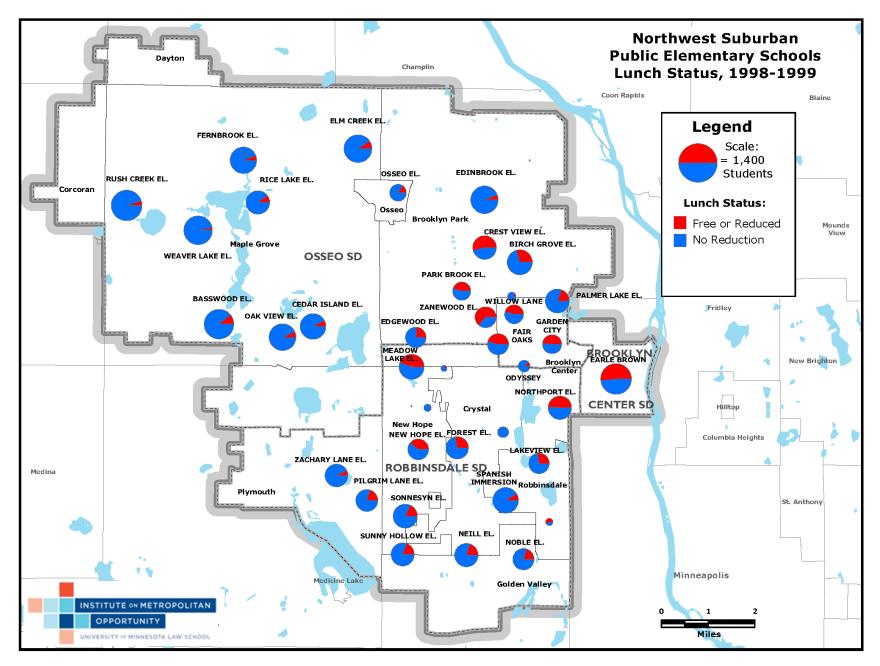


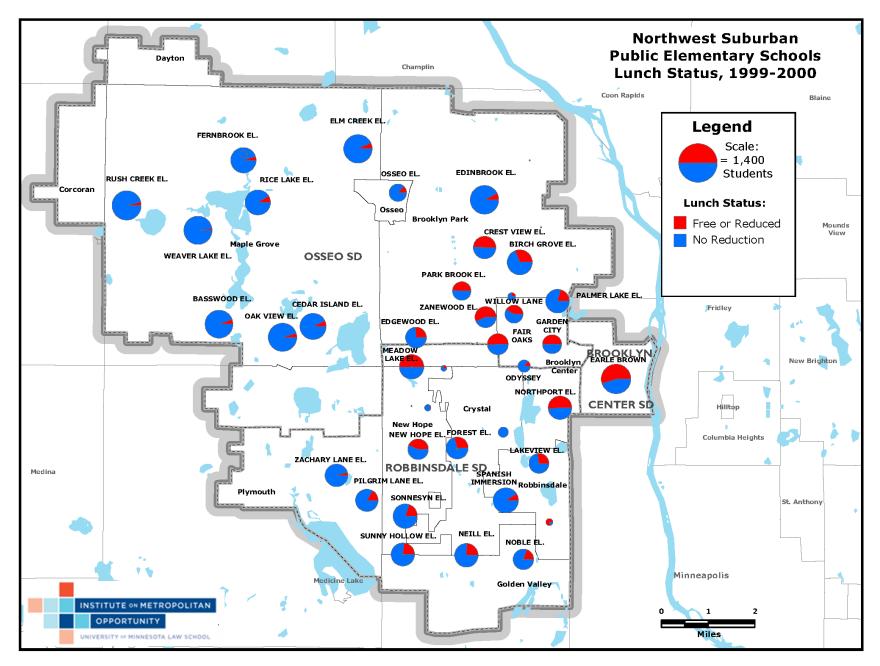


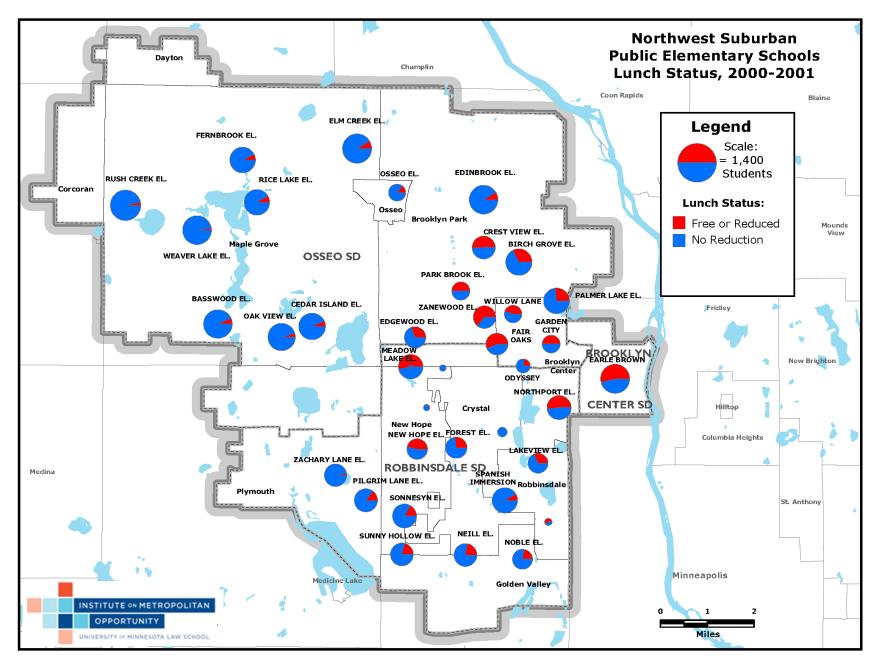


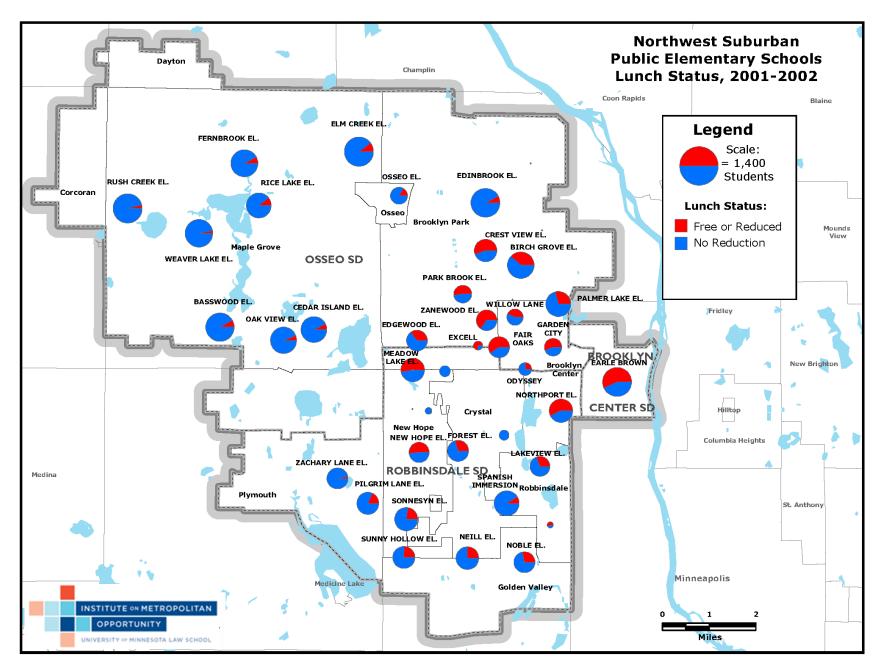
## Northwest Minneapolis Suburbs Free Lunch Eligibility 1997-2014

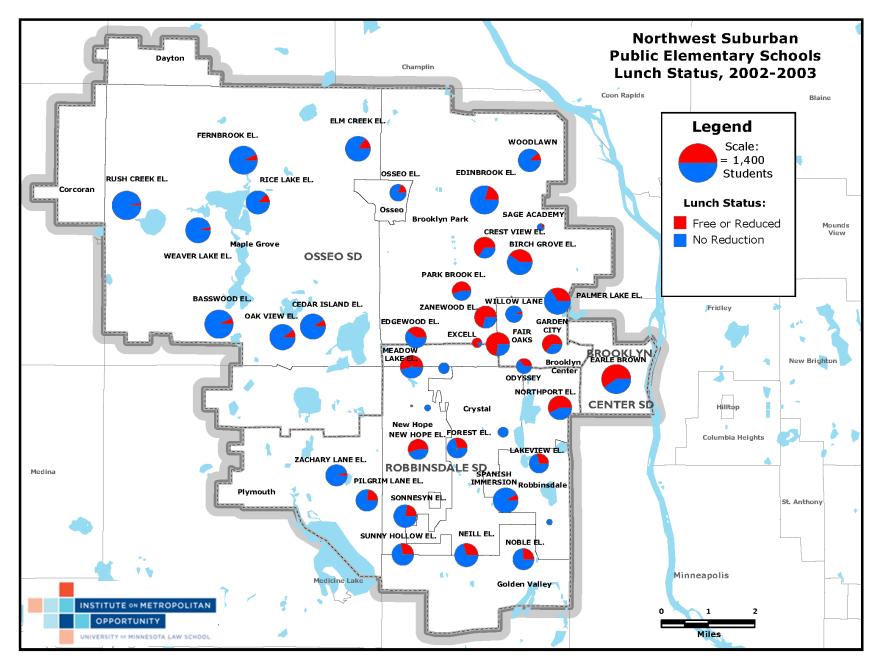


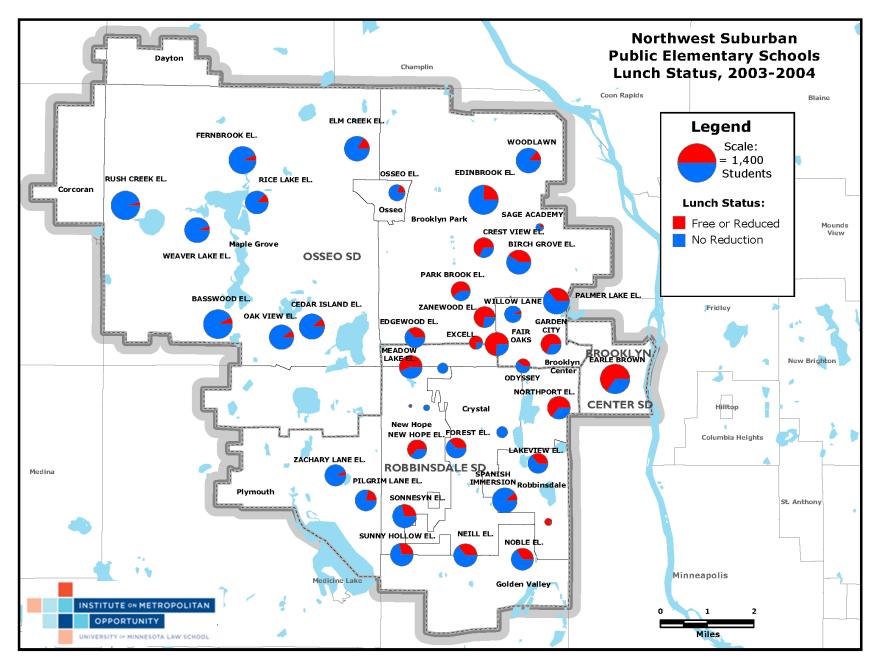


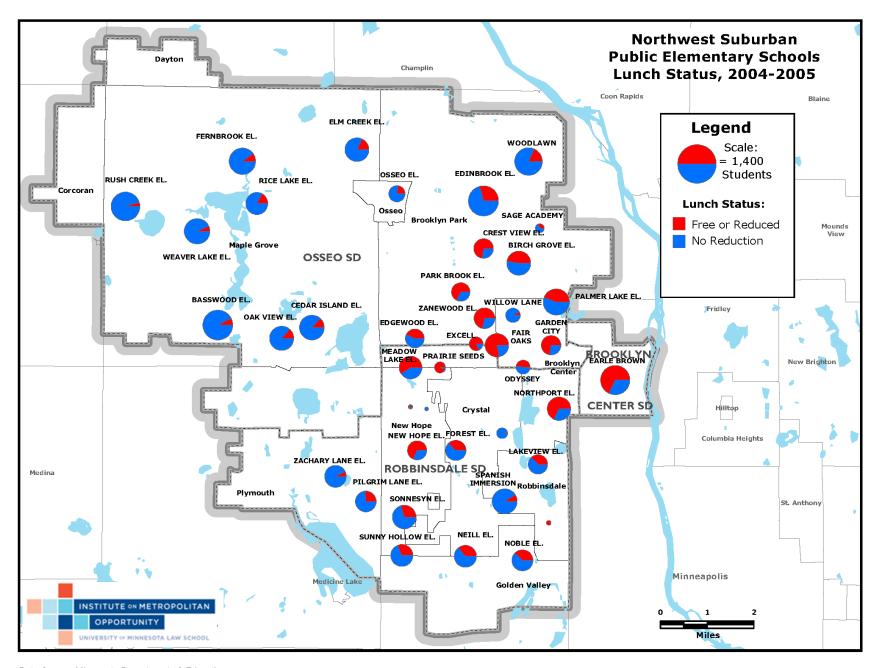


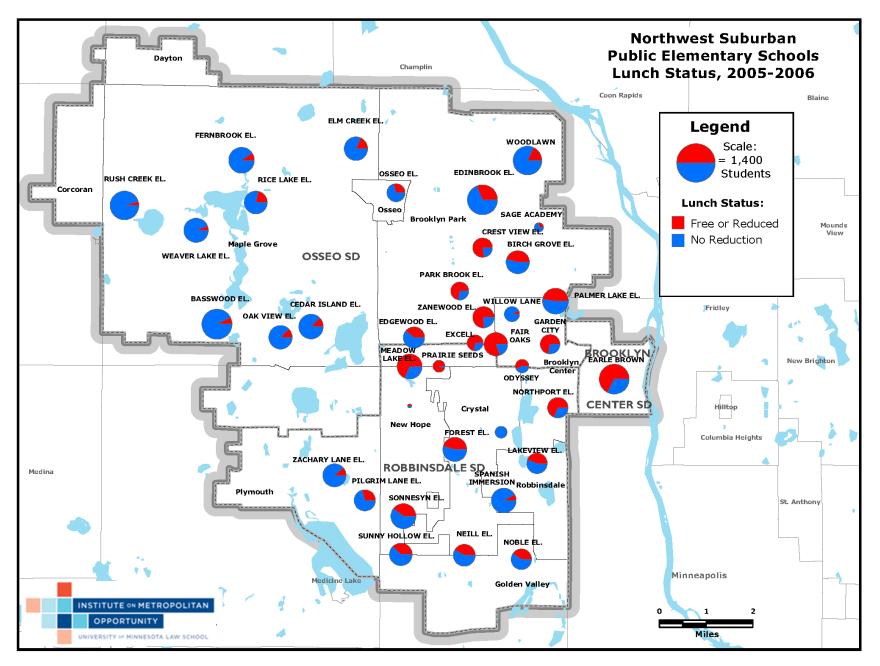


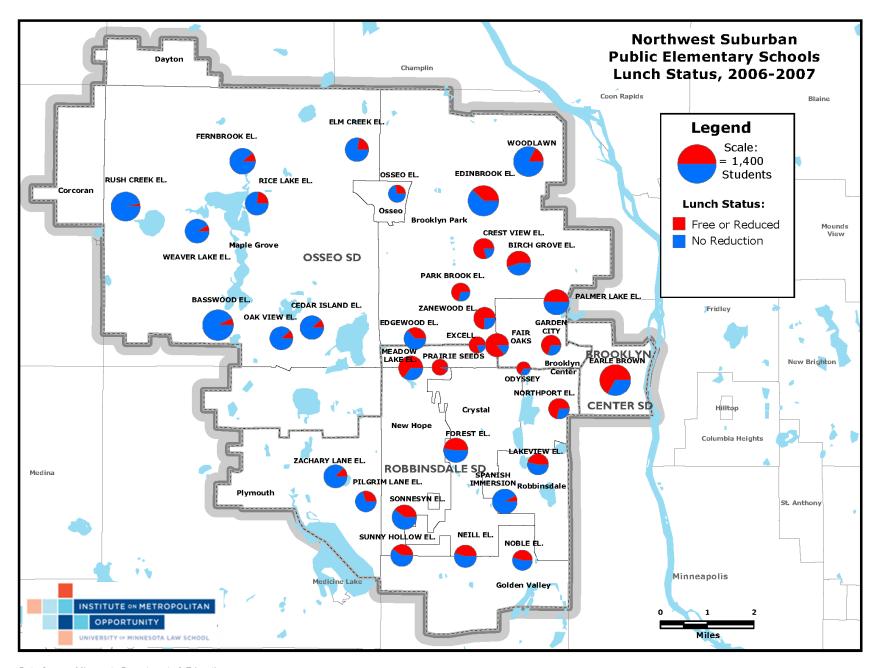


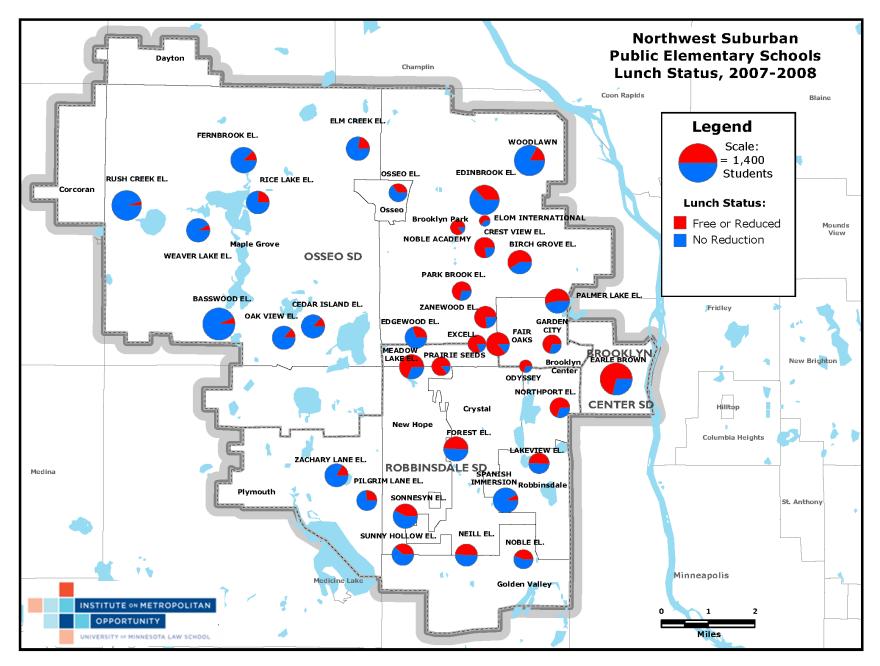


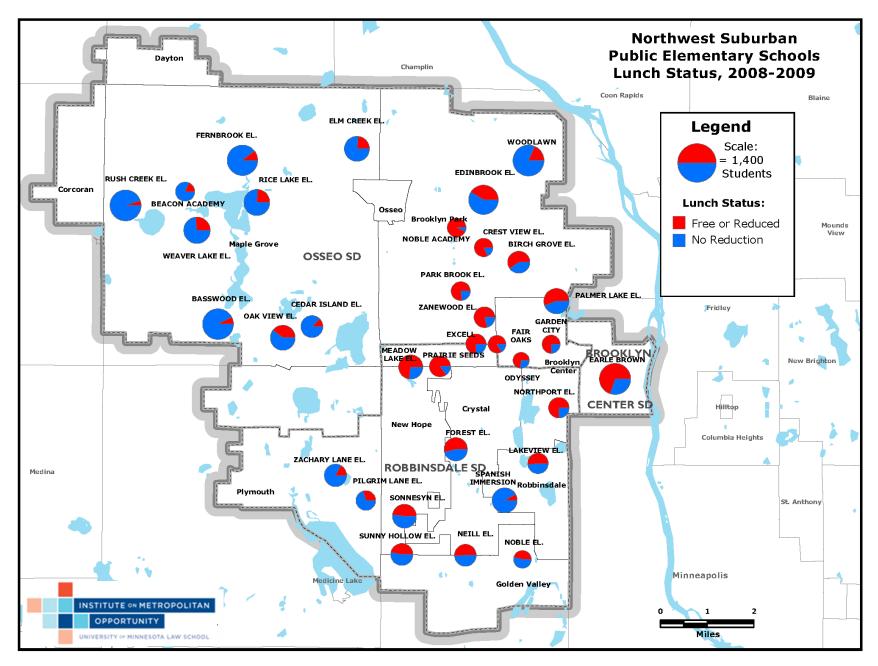


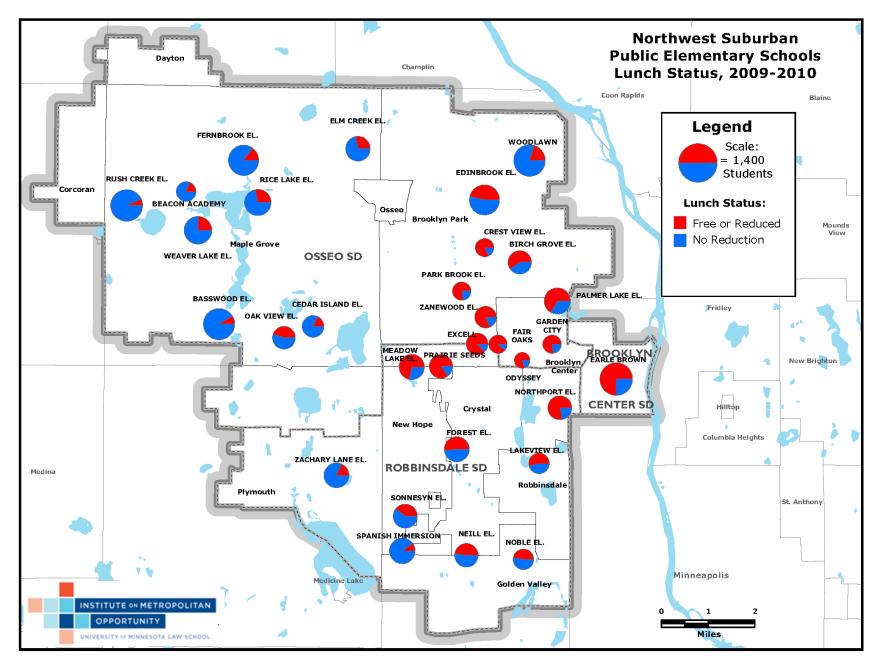


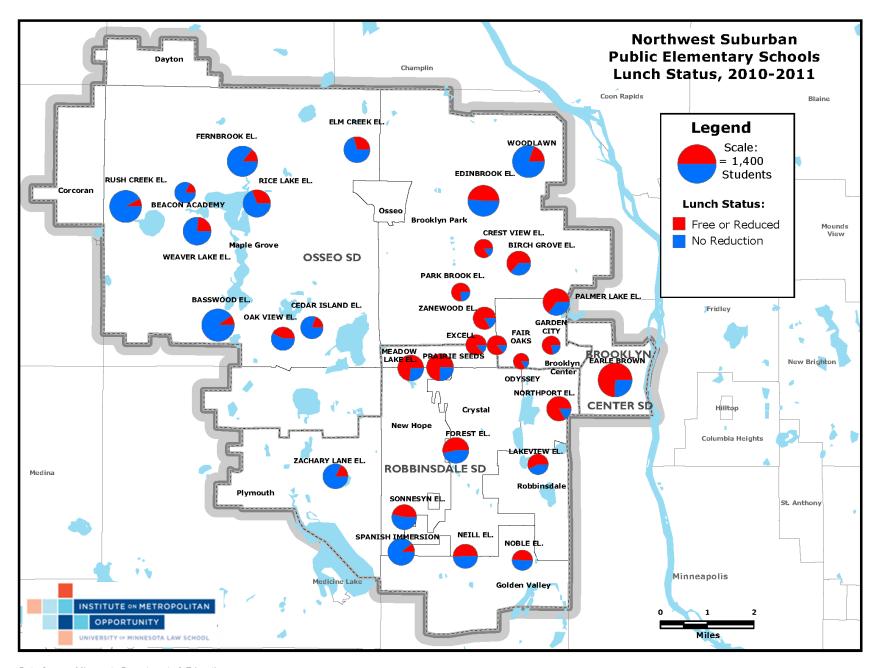


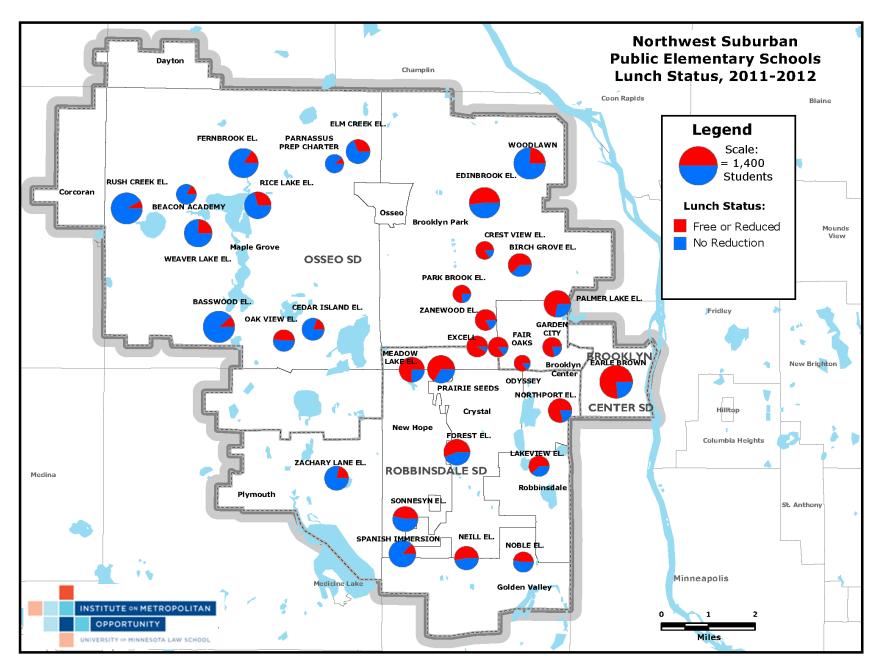


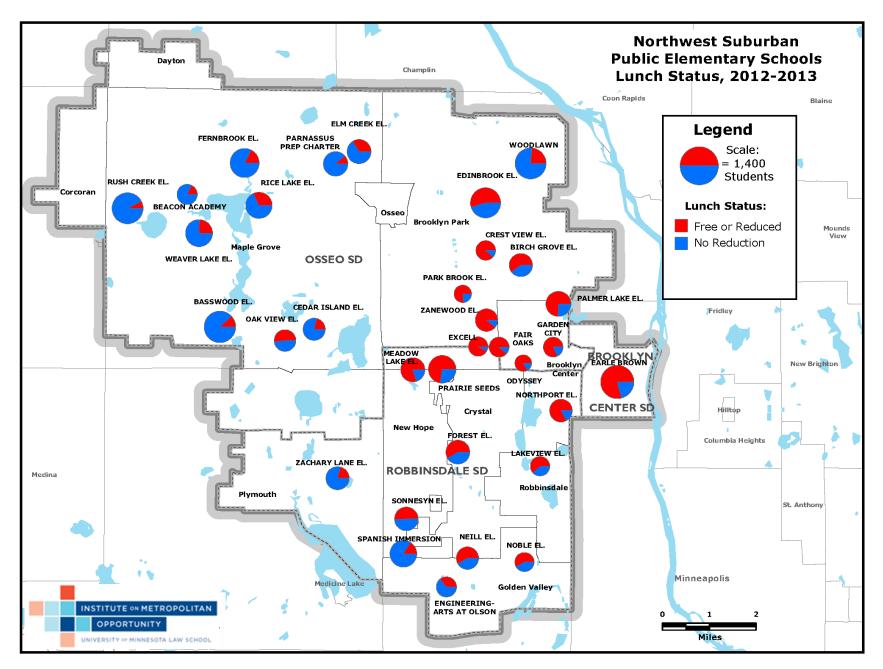


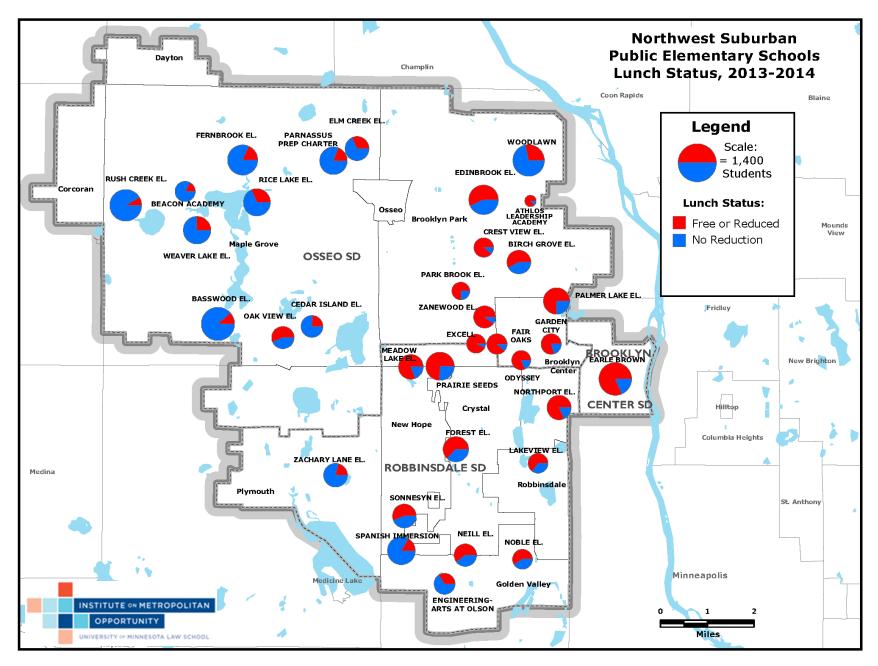


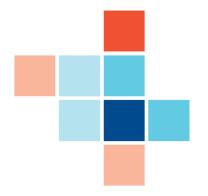




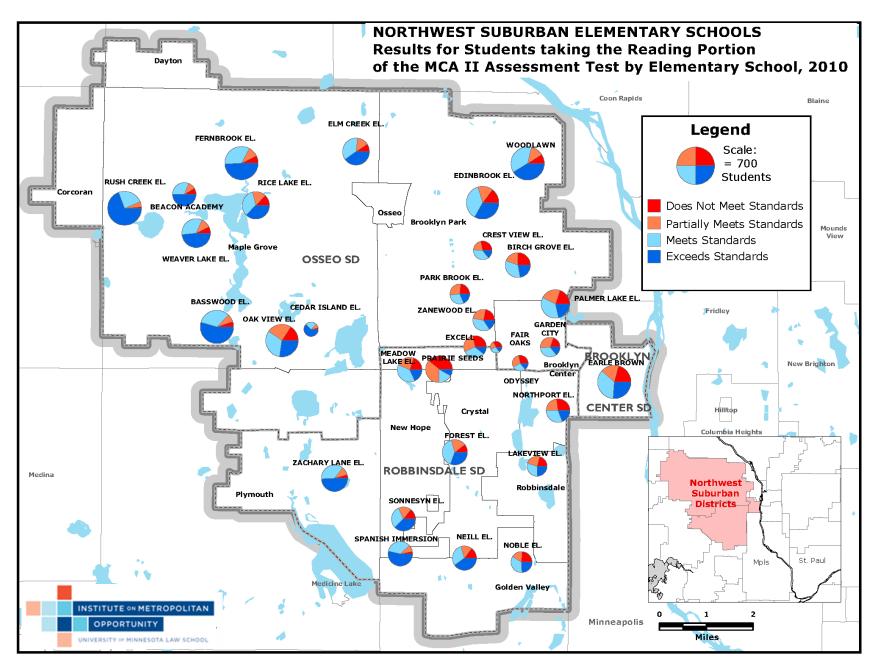


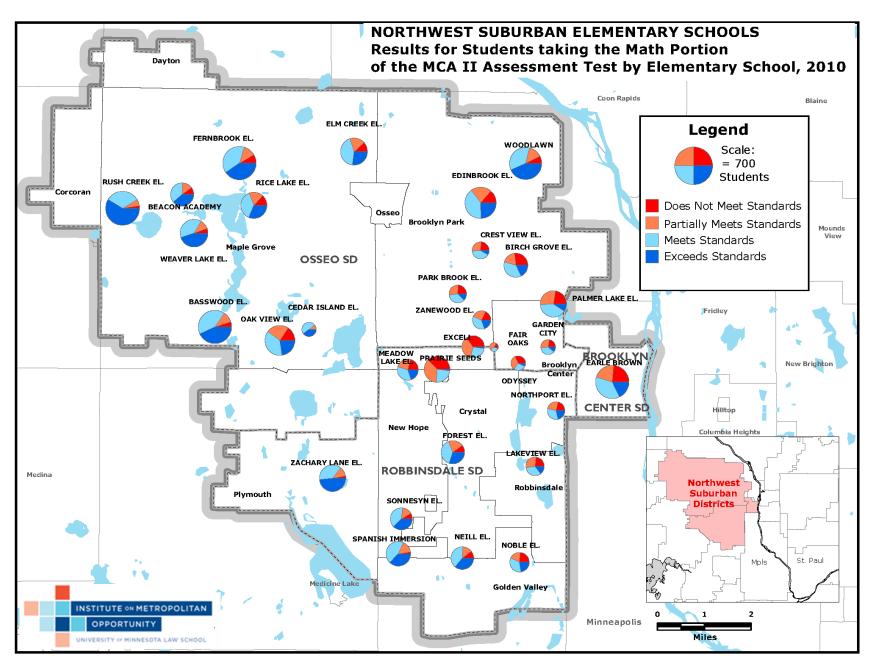






## Northwest Minneapolis Suburbs MCA Testing Proficiency Rates





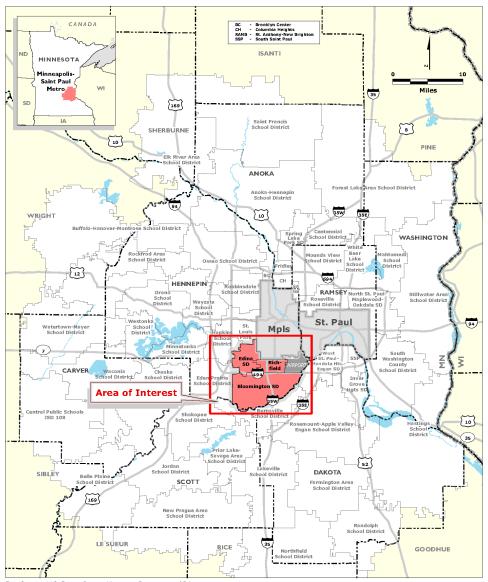


# Southwest Minneapolis Suburban School Demographics

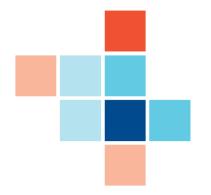


### MINNEAPOLIS - SAINT PAUL SEVEN COUNTY REGION

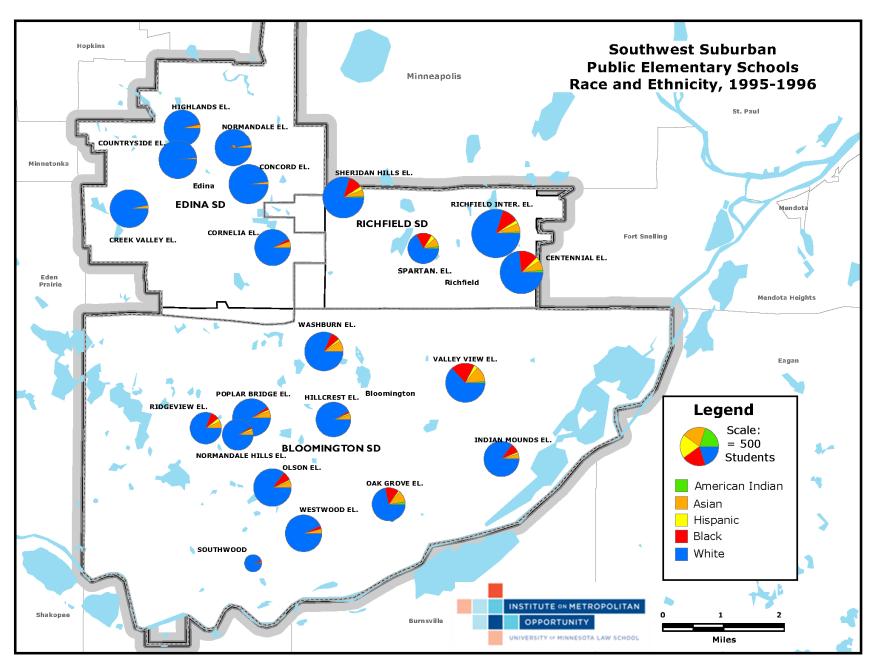
### Southwest Minneapolis Suburban School Districts

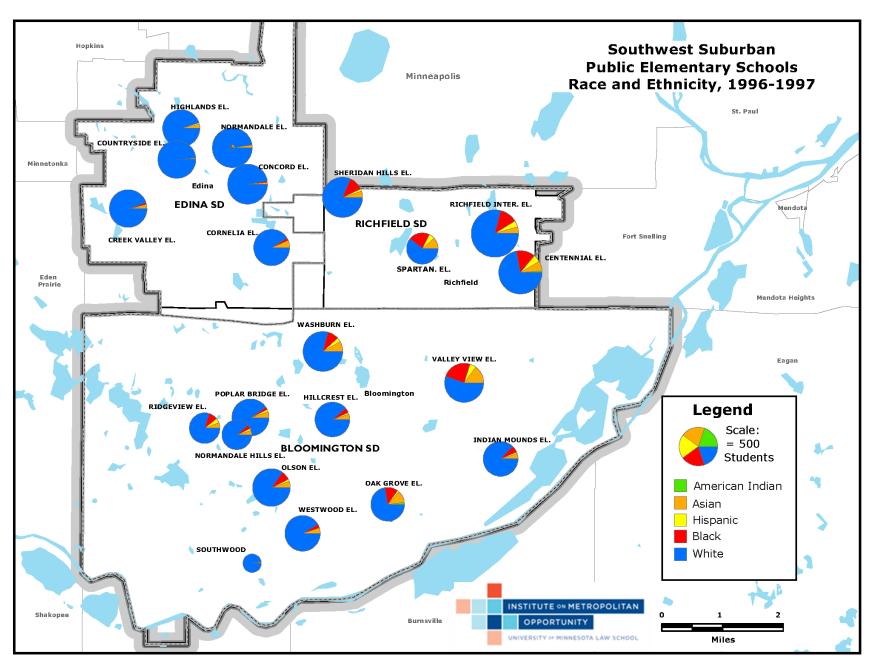


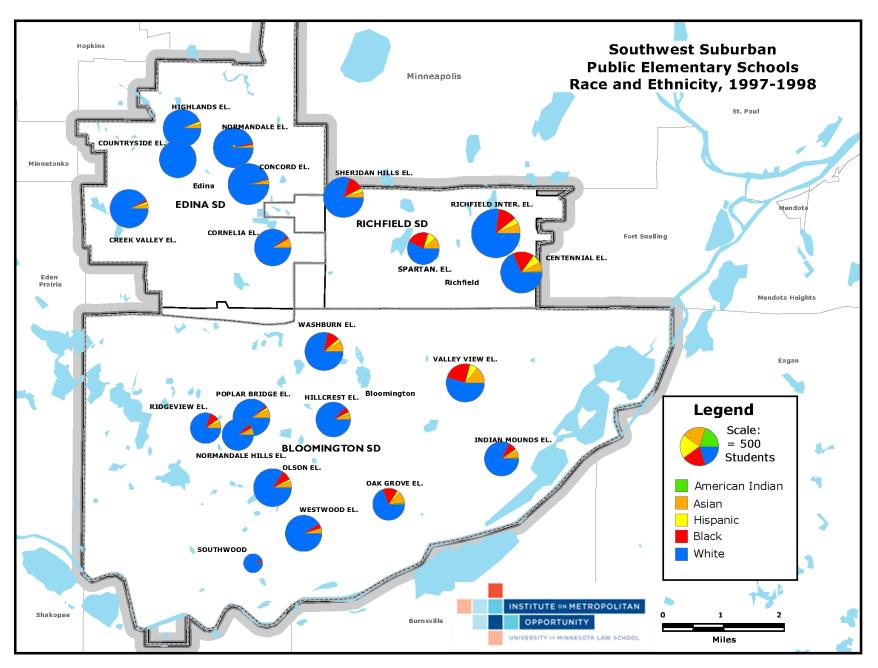
Data Sources: U.S, Census Bureau, Minnesota Department of Education.

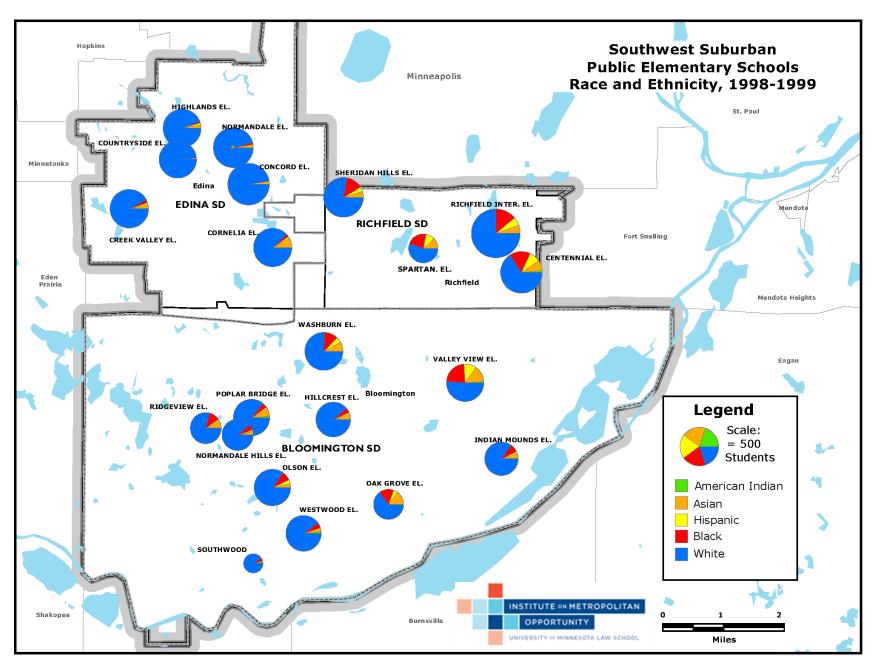


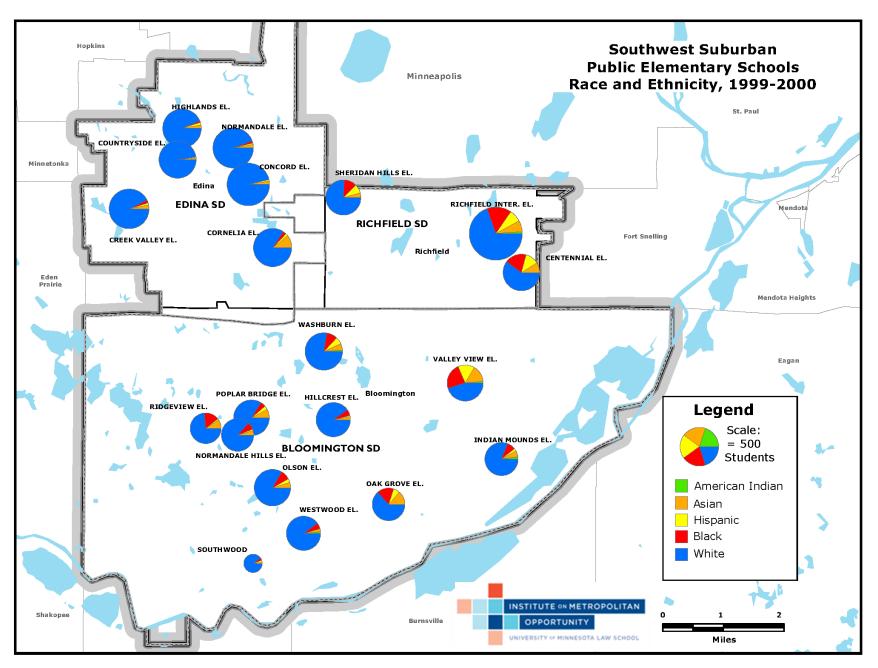
## Southwest Minneapolis Suburbs Race and Ethnicity 1995-2014

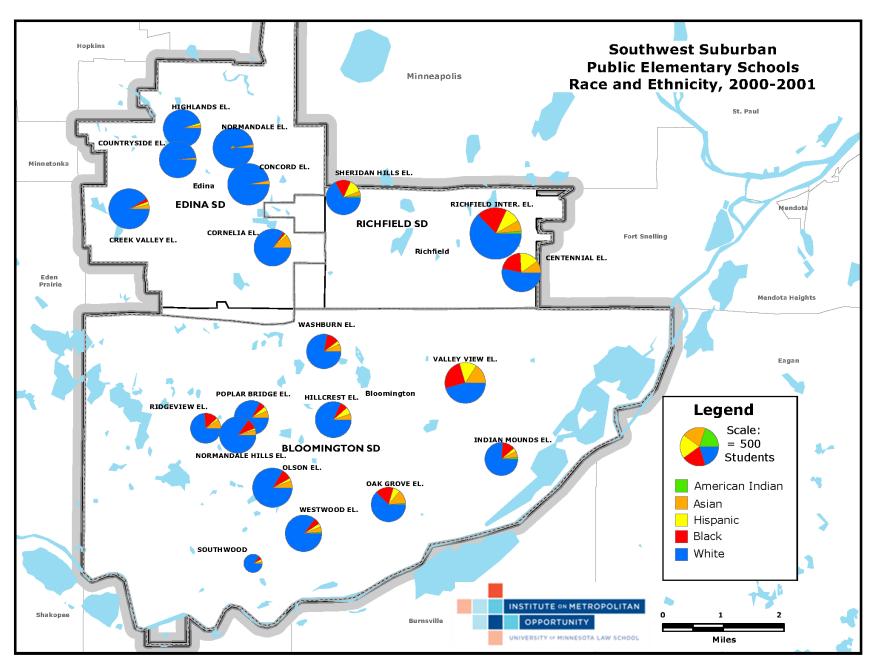


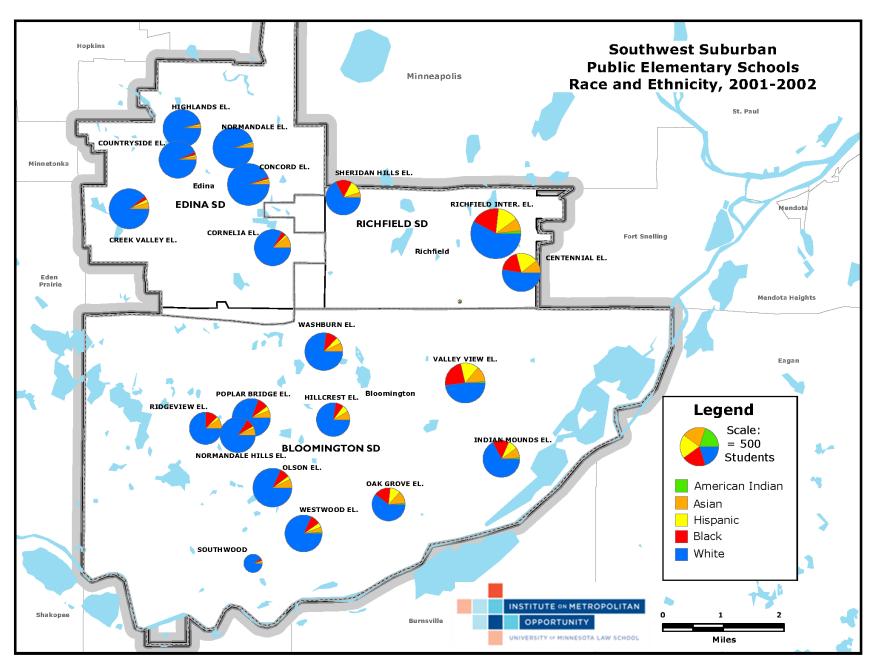


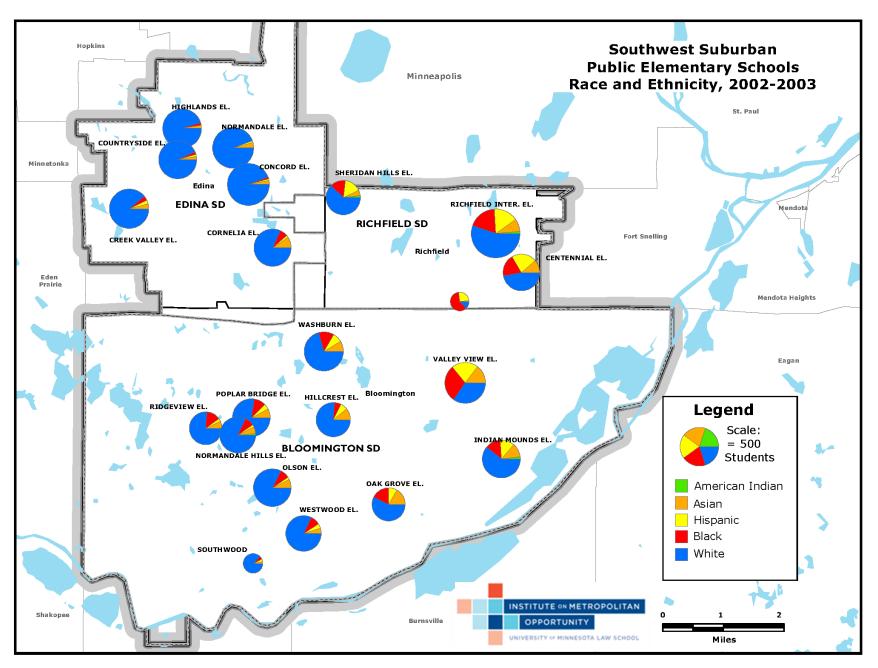


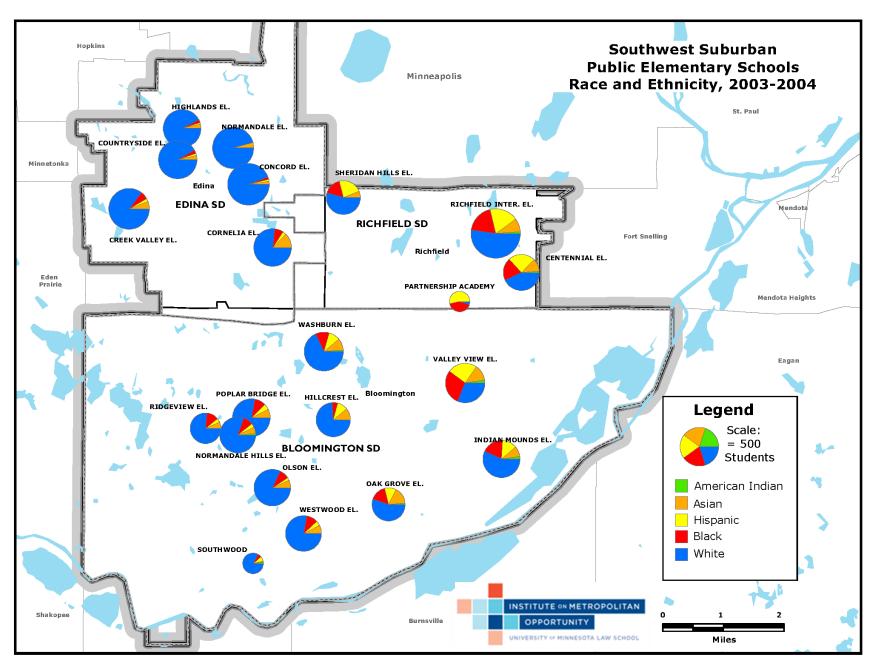


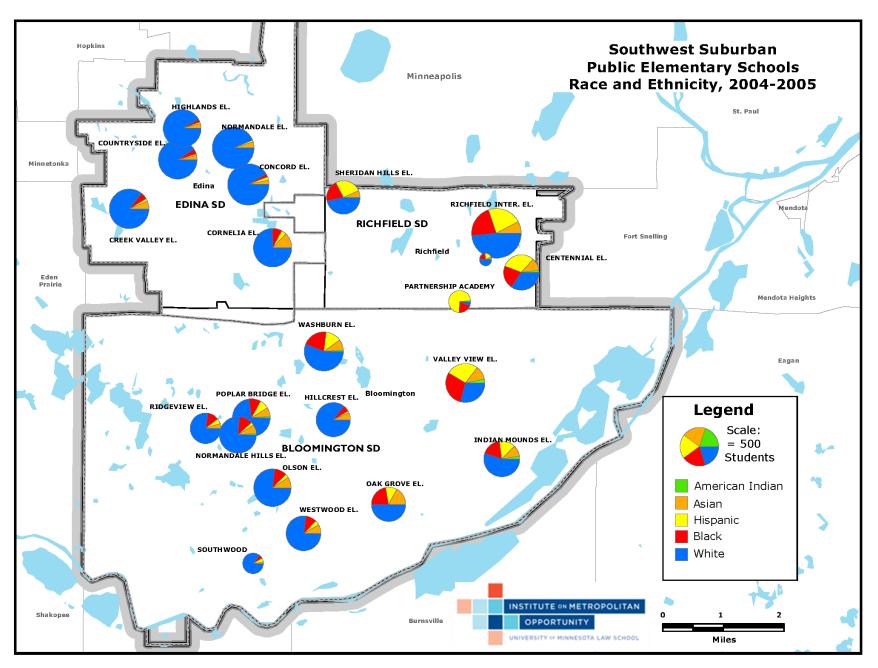


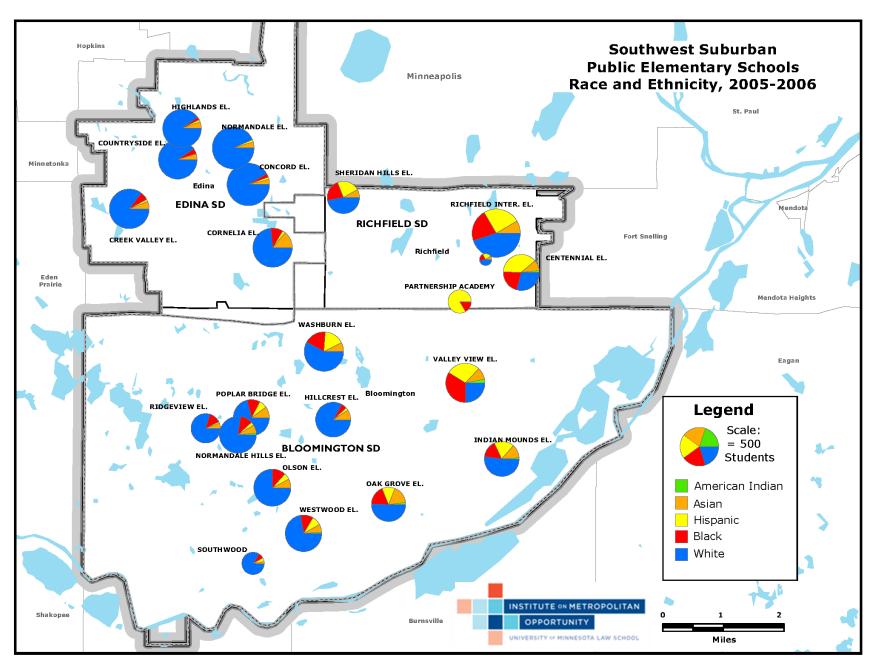


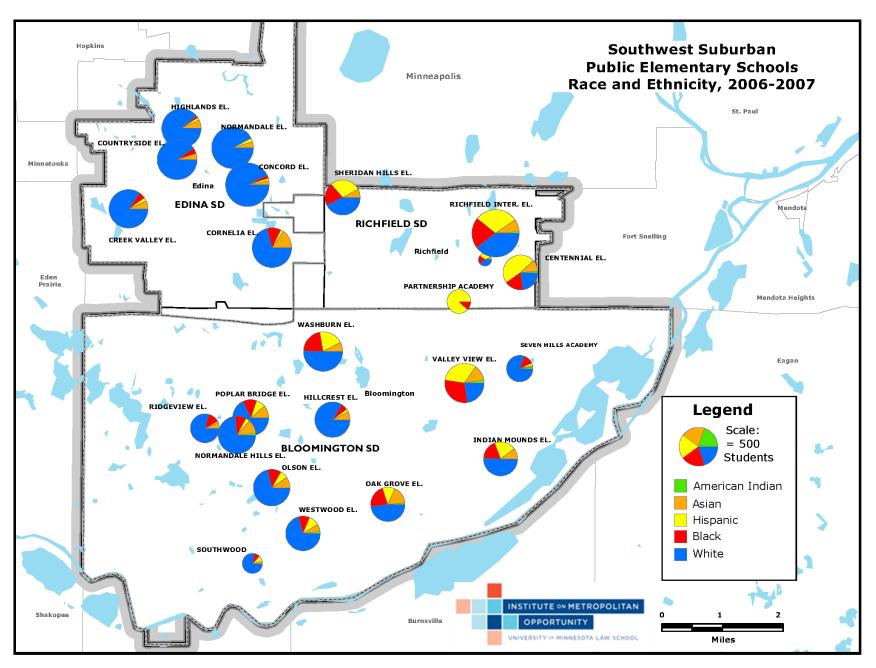


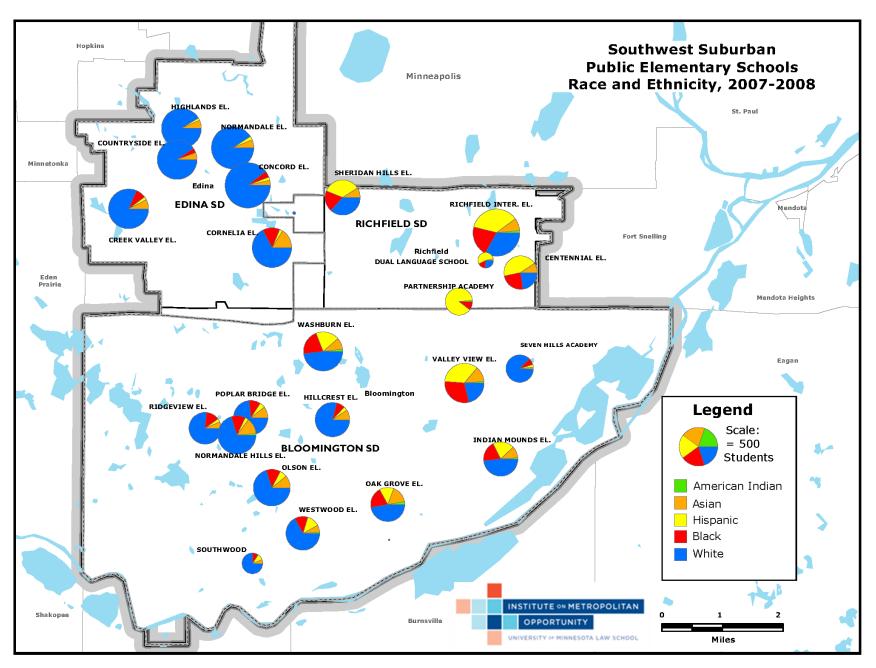


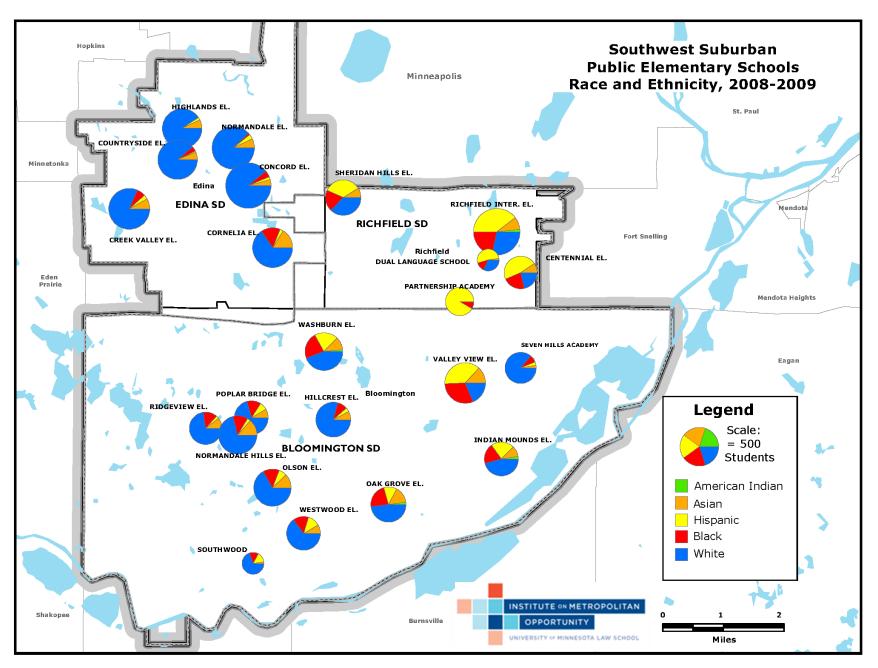


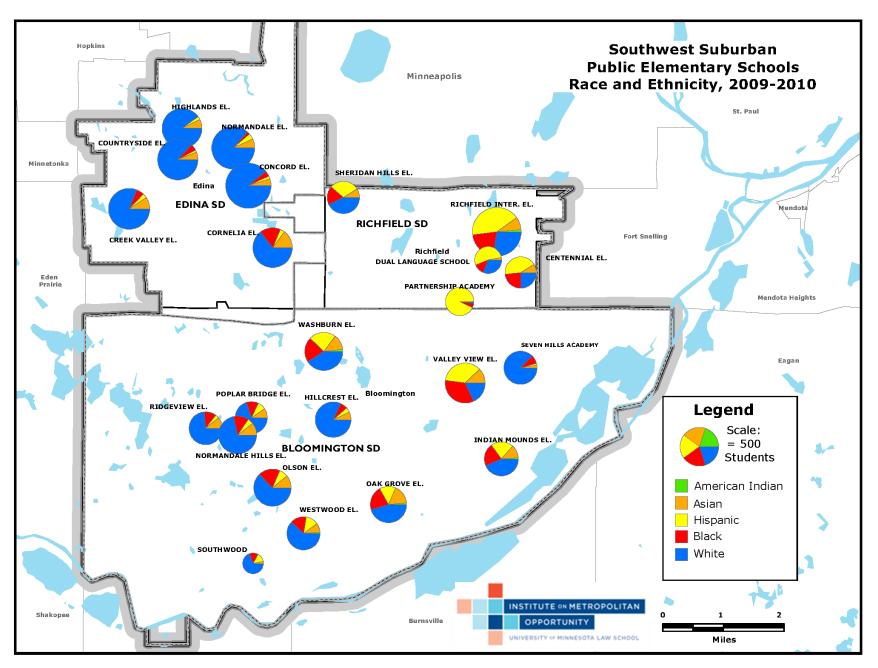


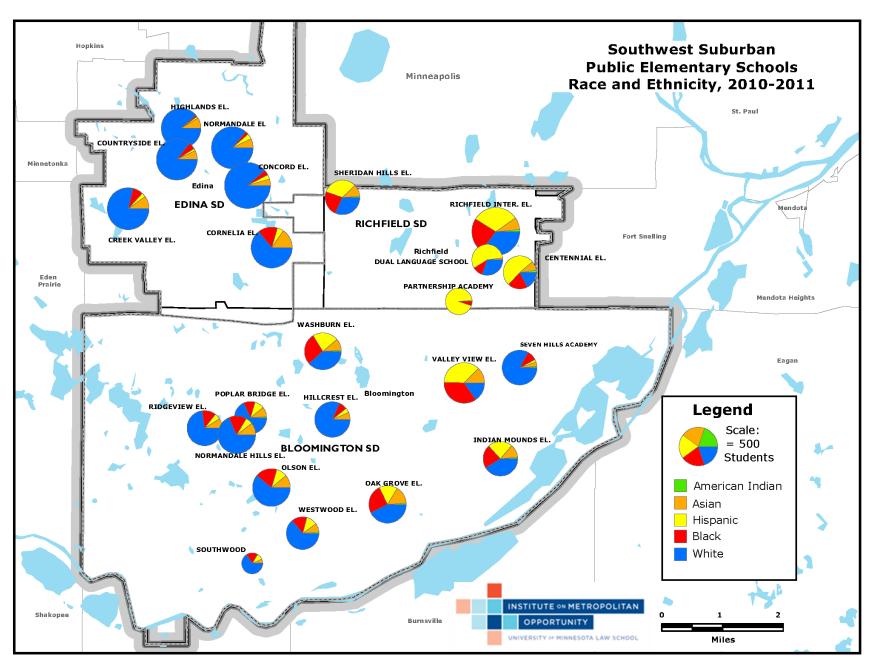


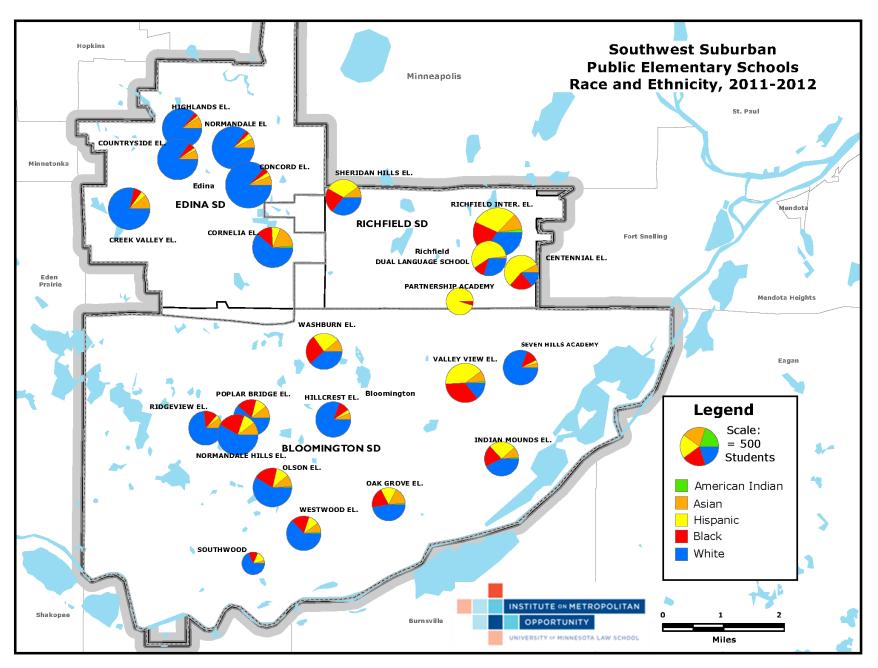


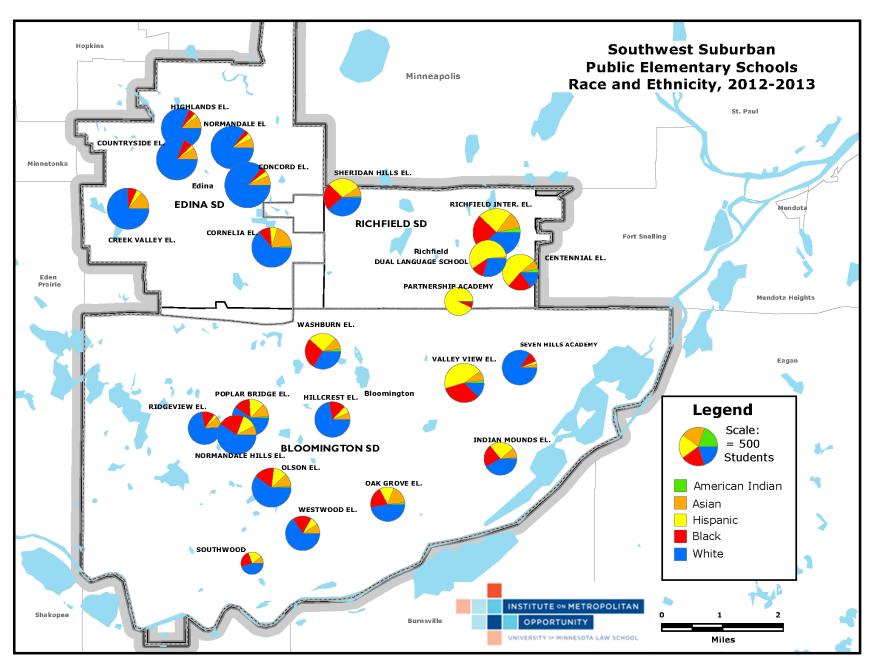


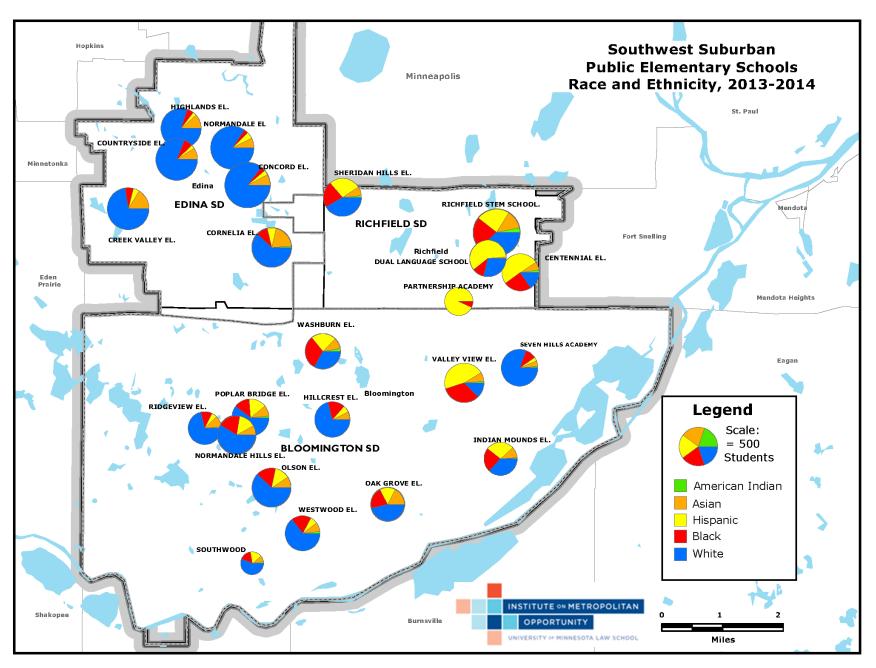


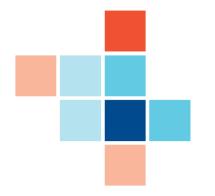




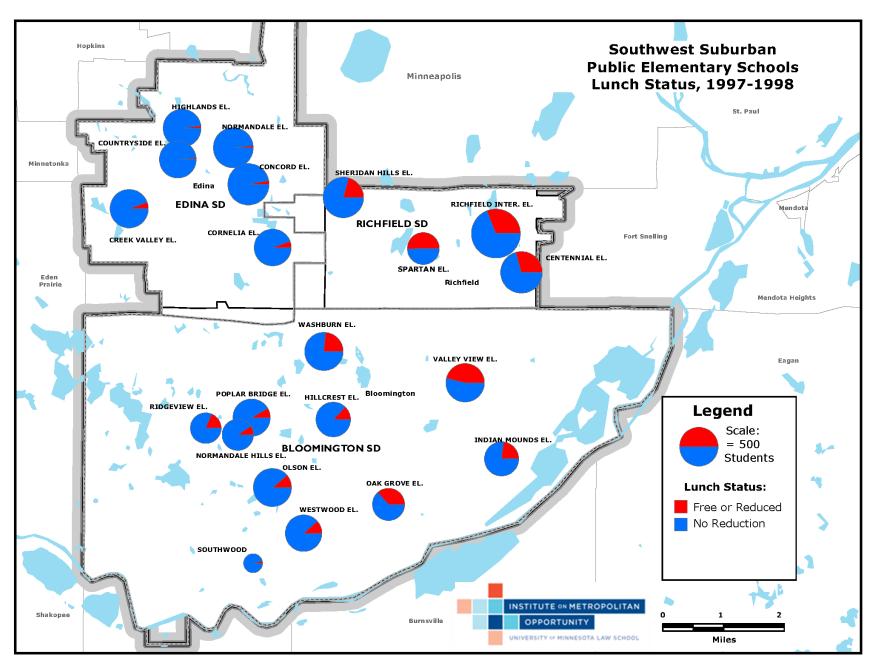


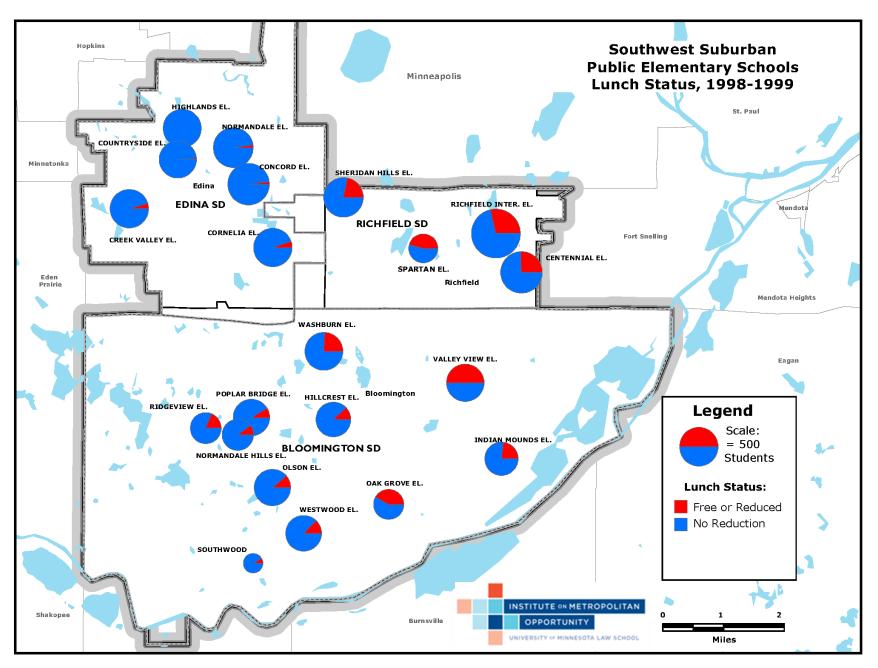


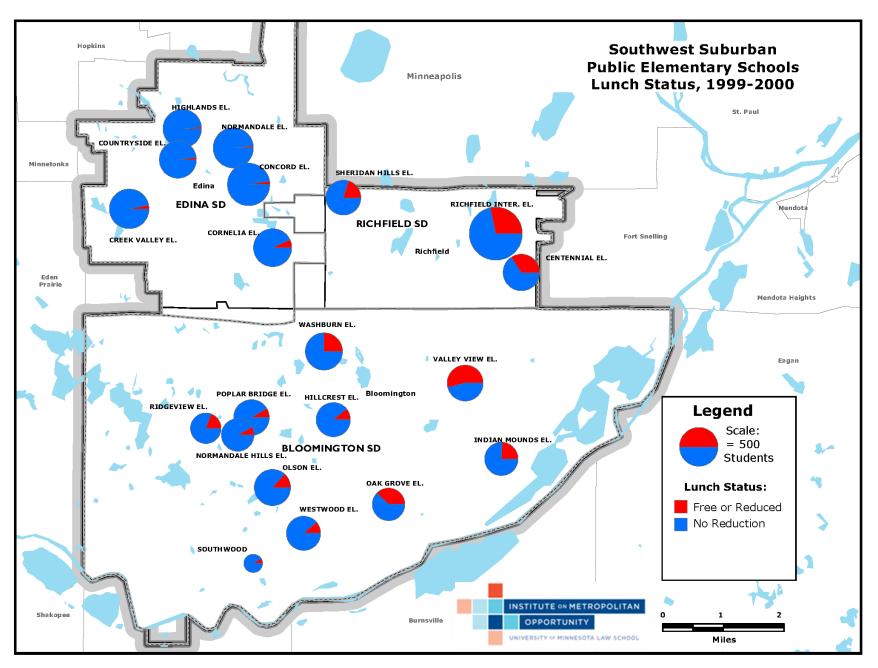


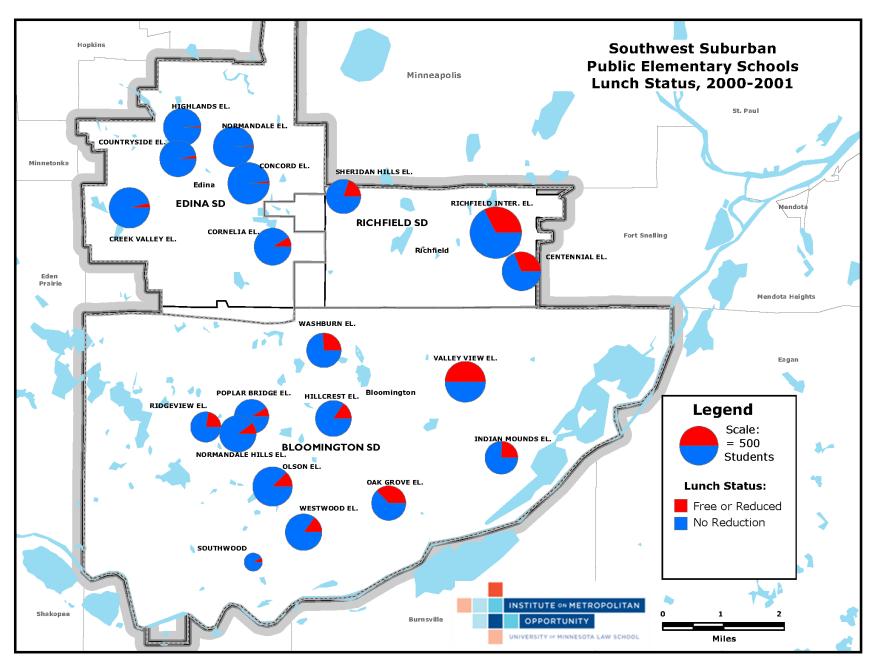


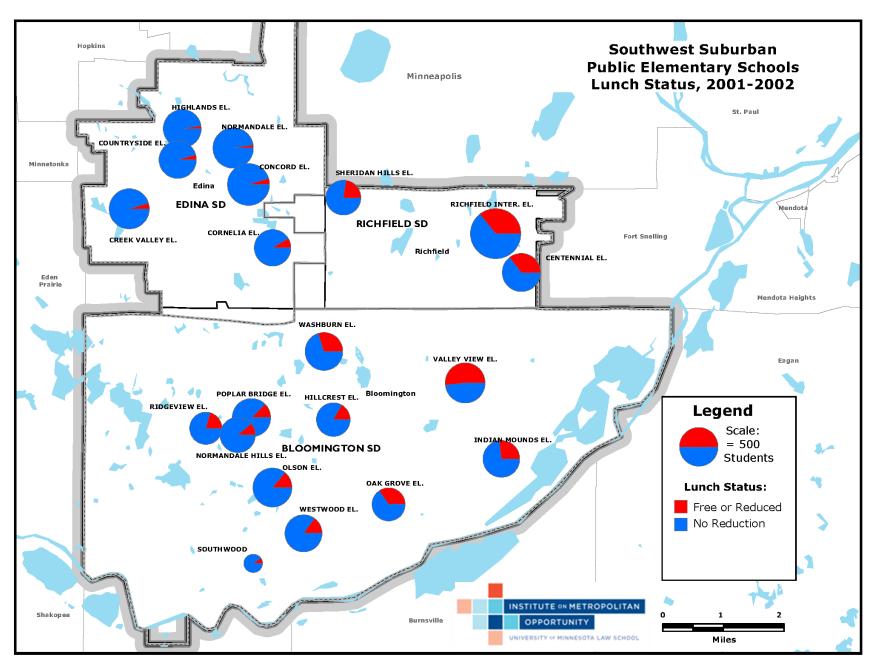
## Southwest Minneapolis Suburbs Free Lunch Eligibility 1997-2014

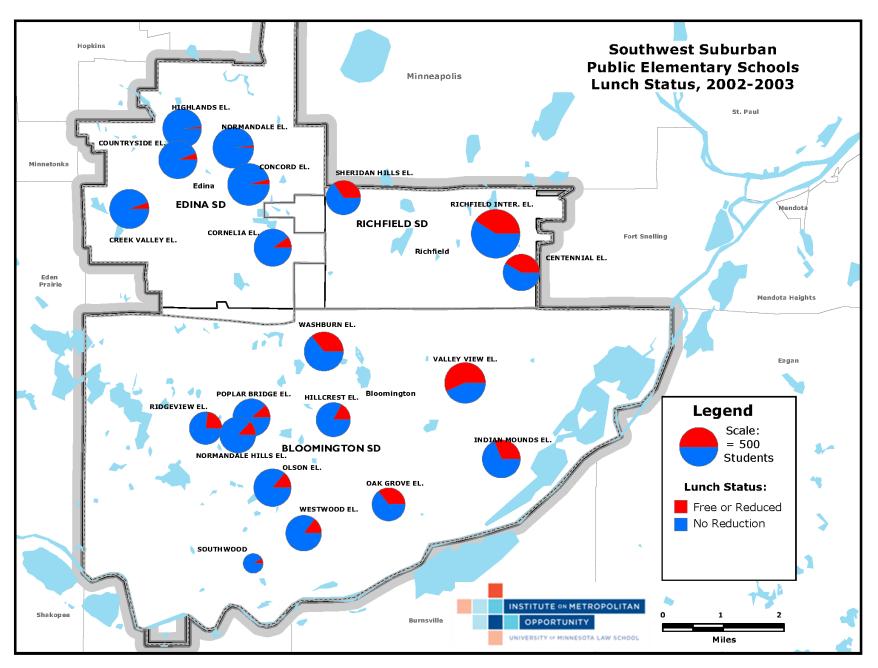


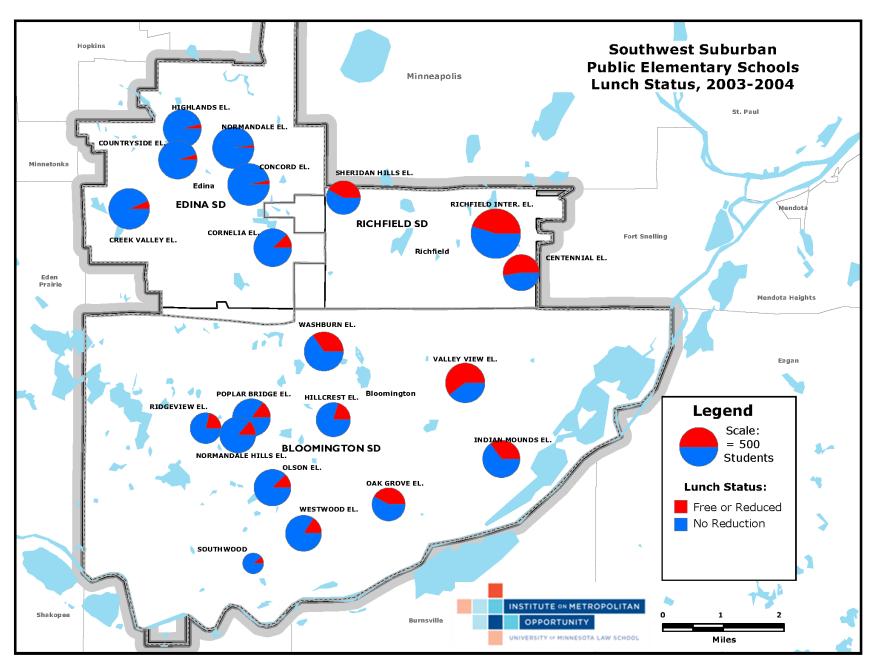


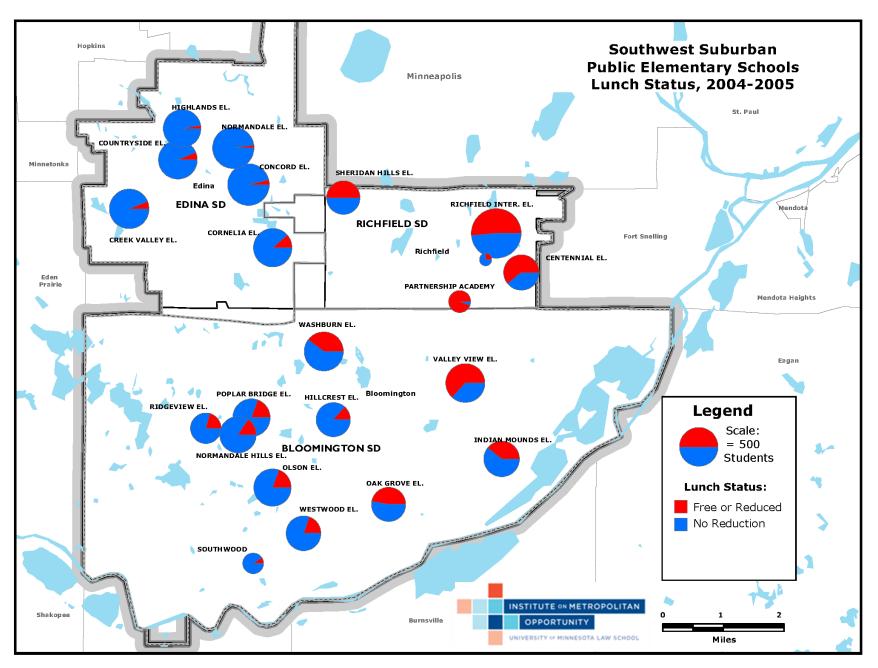


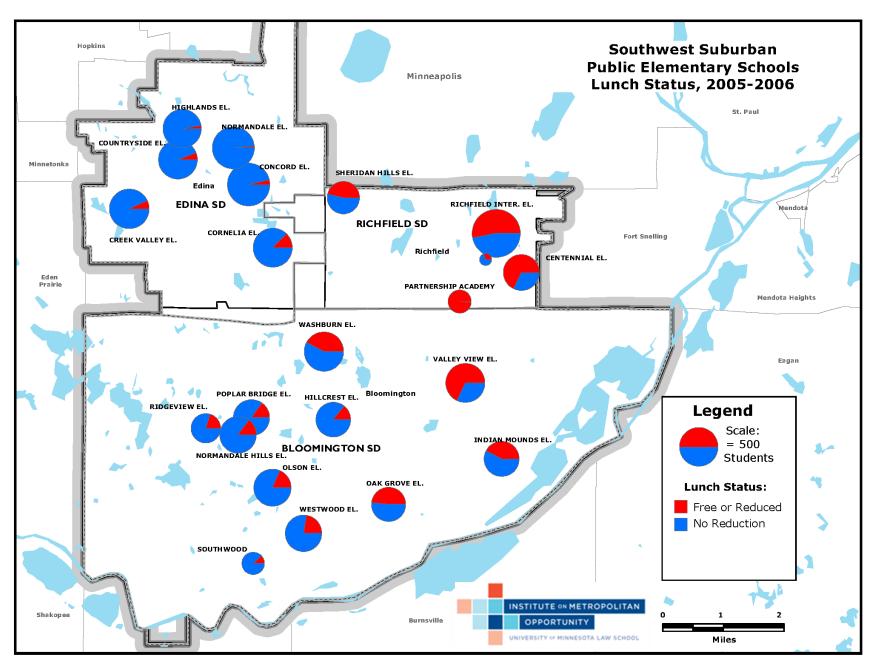


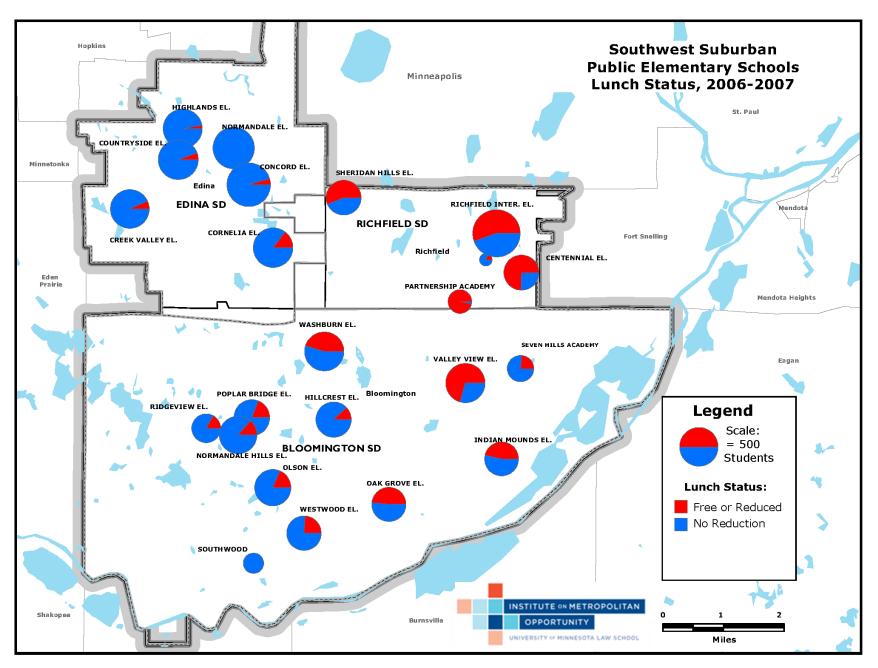


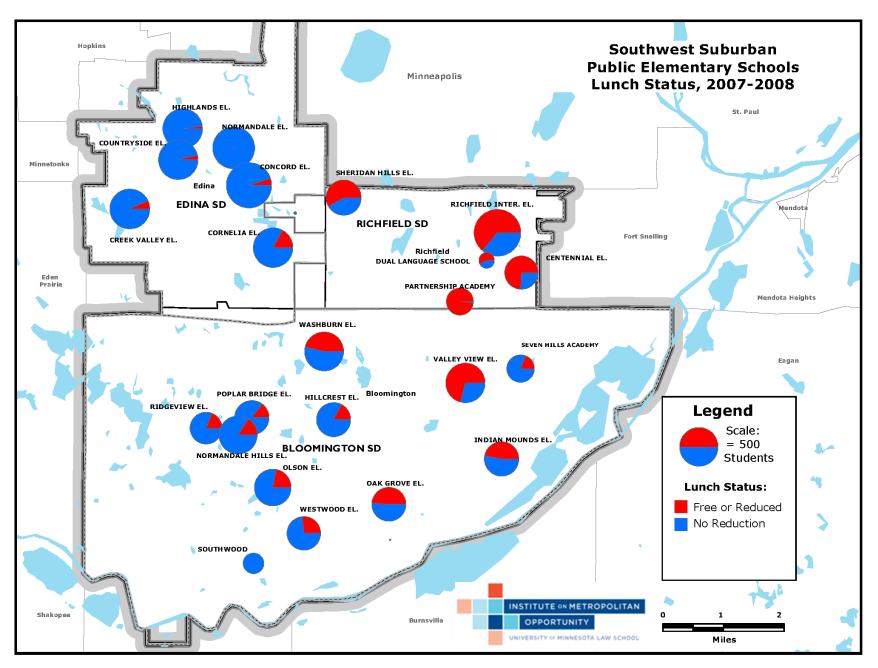


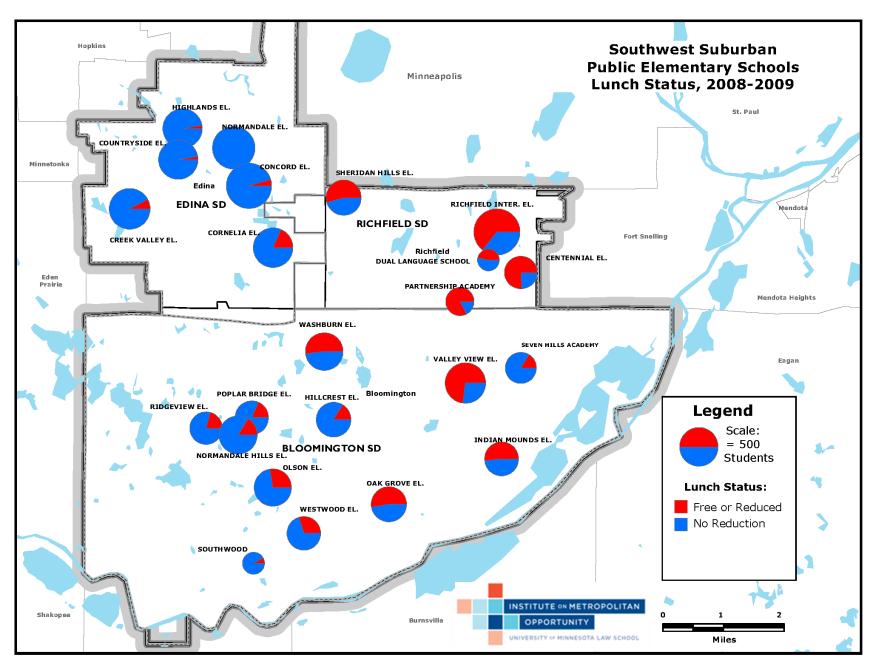


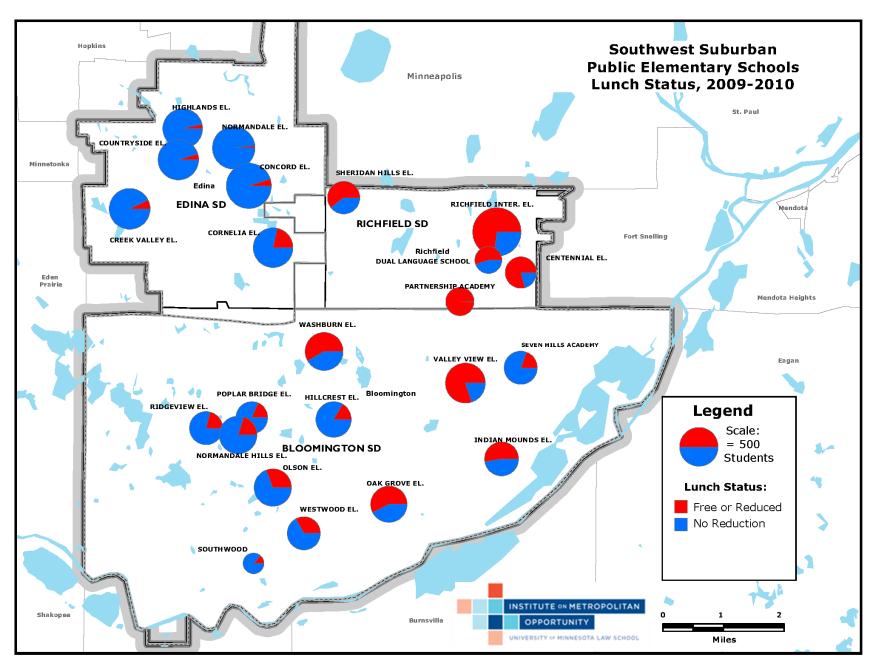


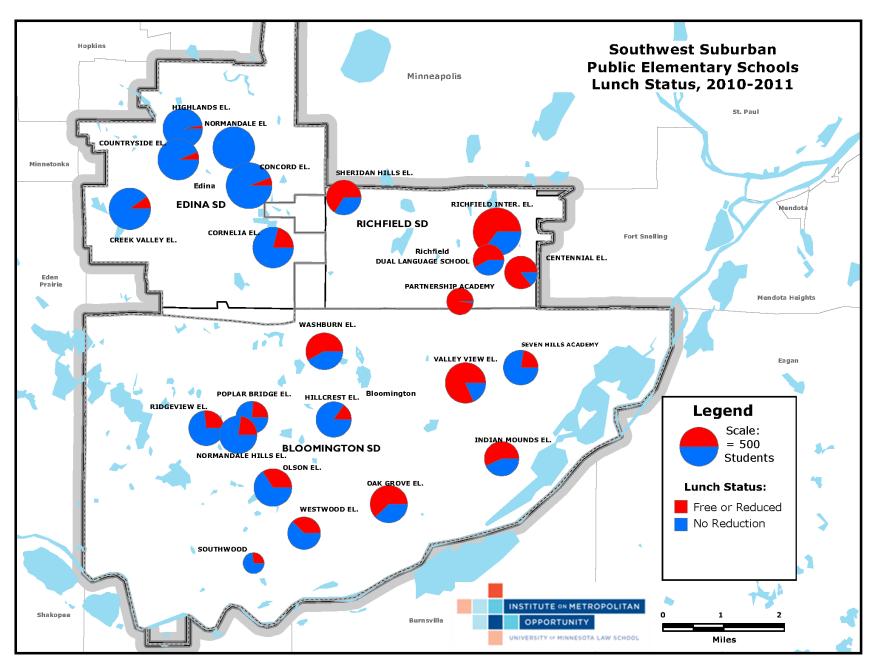


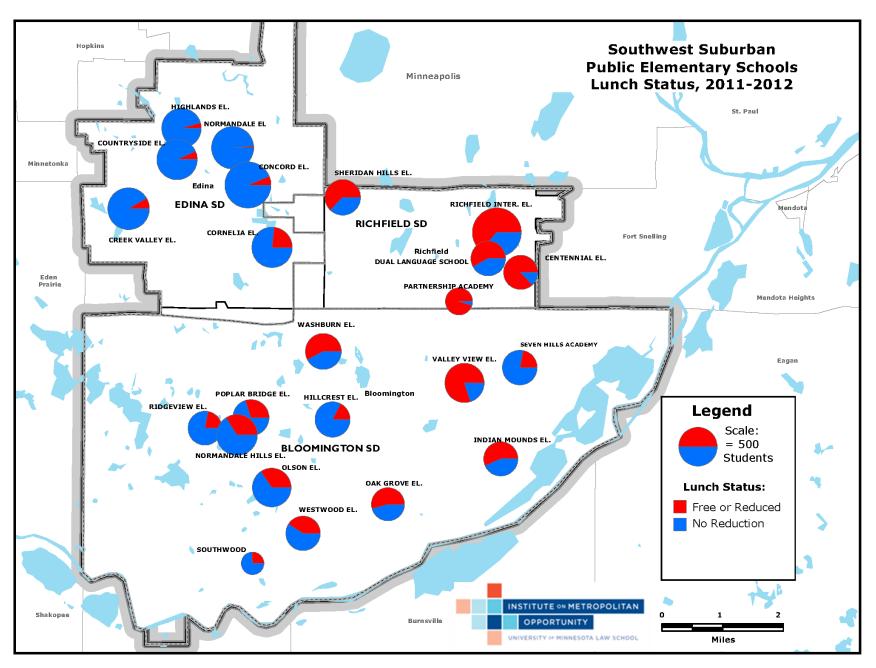


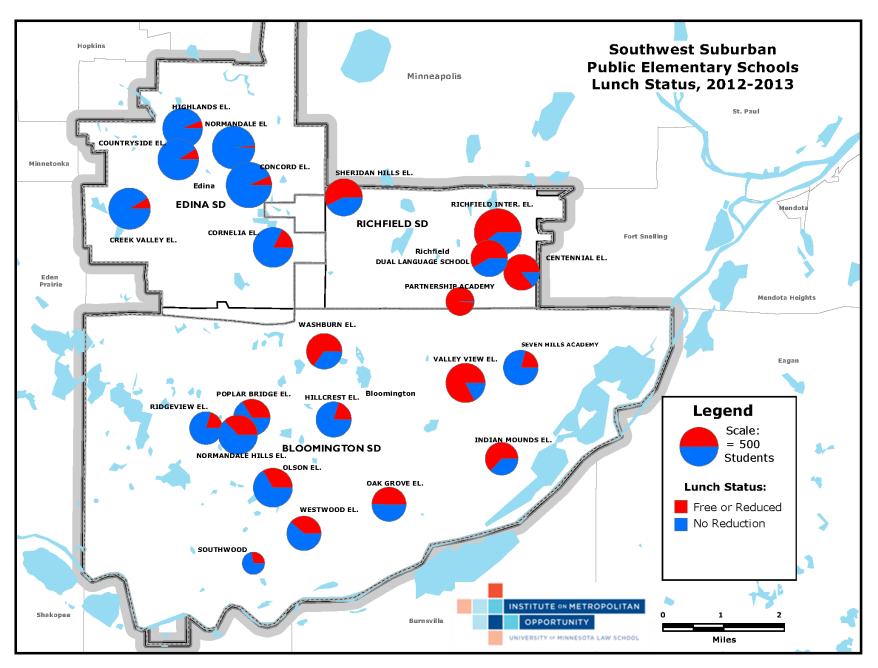


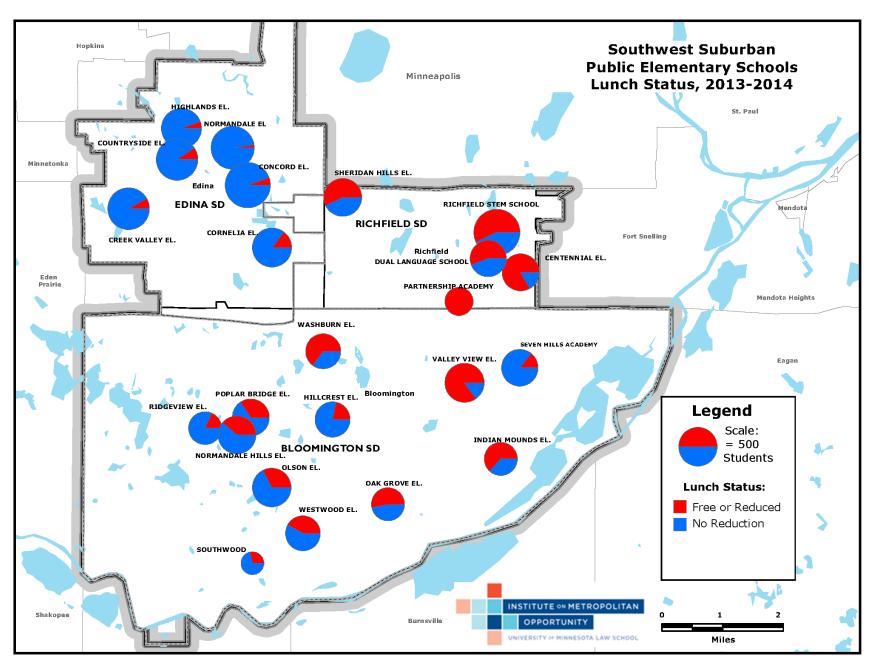


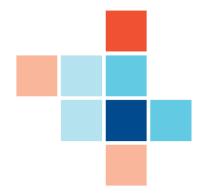




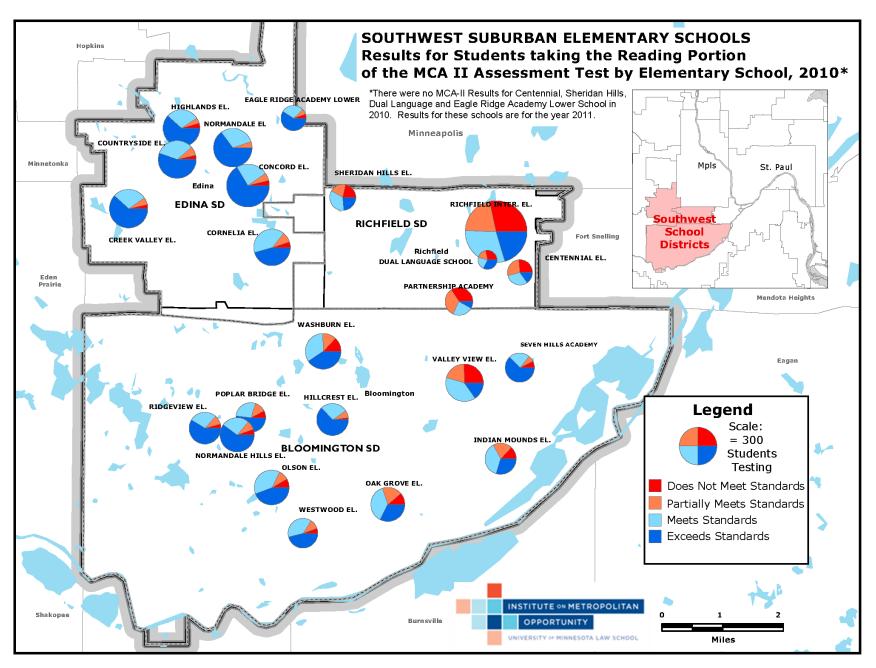


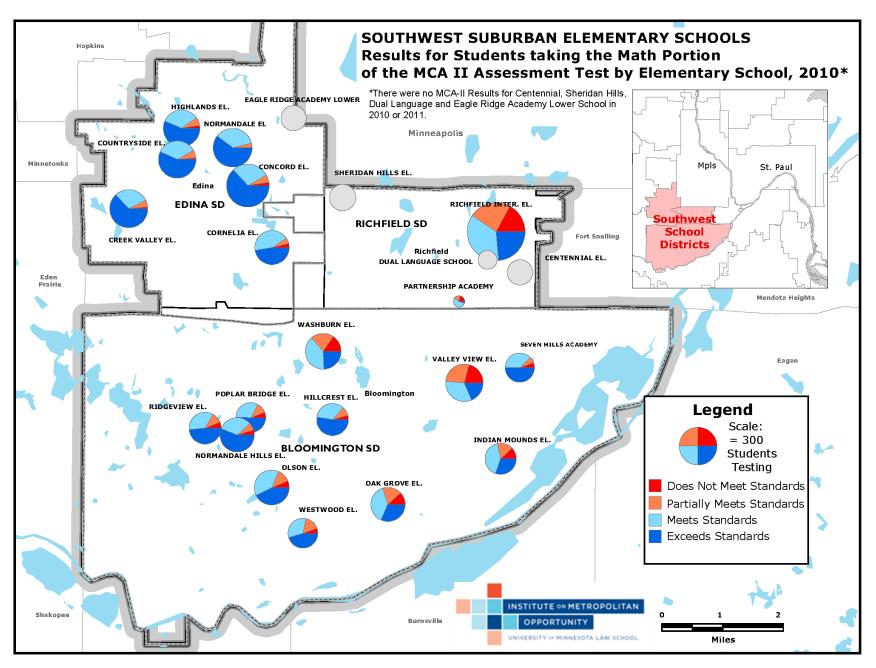






## Southwest Minneapolis Suburbs MCA Testing Proficiency Rates



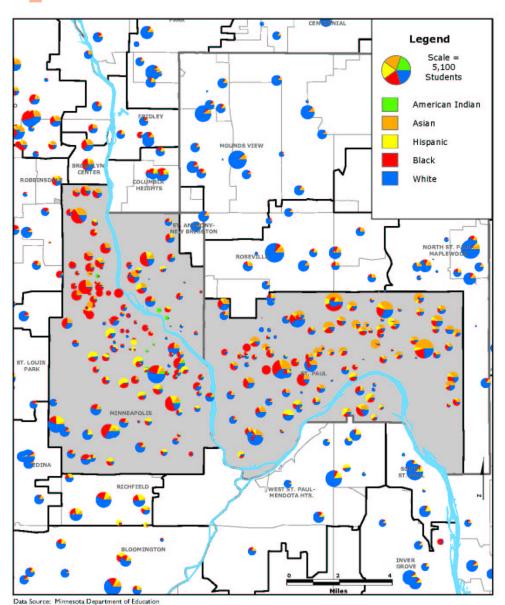




# Twin Cities Charter School Demographics



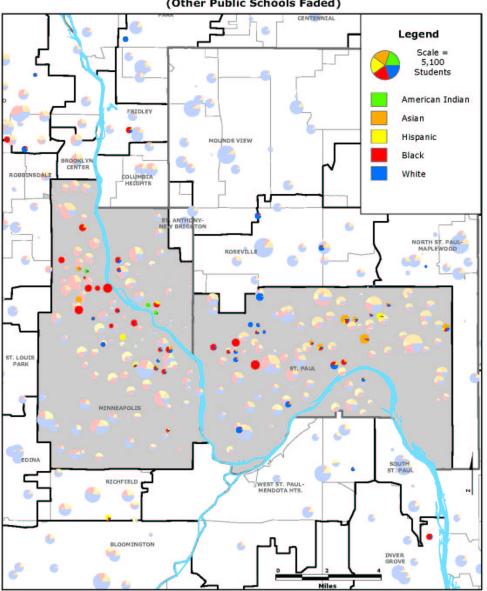
#### MINNEAPOLIS - SAINT PAUL (CENTRAL REGION) Race and Ethnicity All Public Schools, 2004-2005



### INSTITUTE ON METROPOLITAN OPPORTUNITY UNIVERSITY OF MINNESOTA LAW SCHOOL

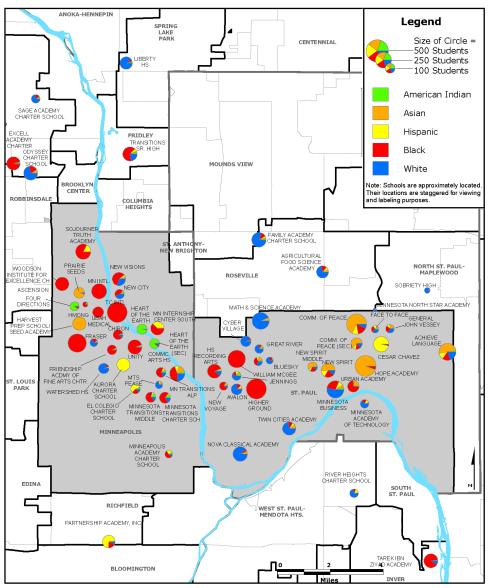
Data Source: Minnesota Department of Education

### MINNEAPOLIS - SAINT PAUL (CENTRAL REGION) Race and Ethnicity Charter Public Schools, 2004-2005 (Other Public Schools Faded)





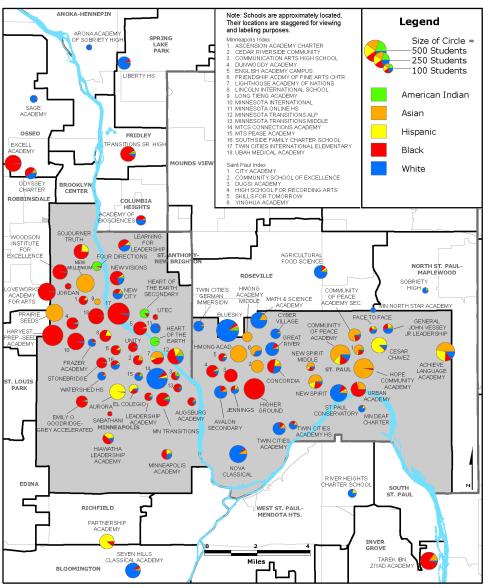
#### MINNEAPOLIS - SAINT PAUL (CENTRAL REGION) Race and Ethnicity Charter Schools, 2004-2005



Data Source: Minnesota Department of Education

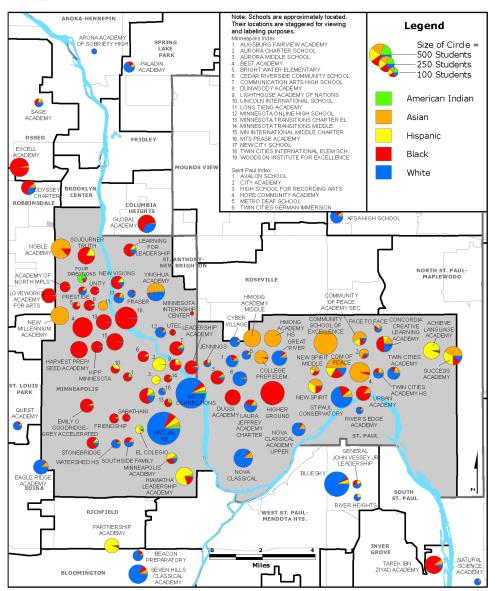


### MINNEAPOLIS - SAINT PAUL (CENTRAL REGION) Race and Ethnicity Charter Schools, 2007-2008



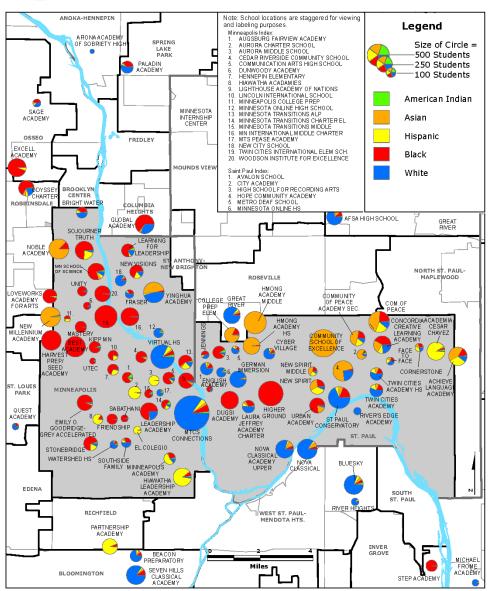


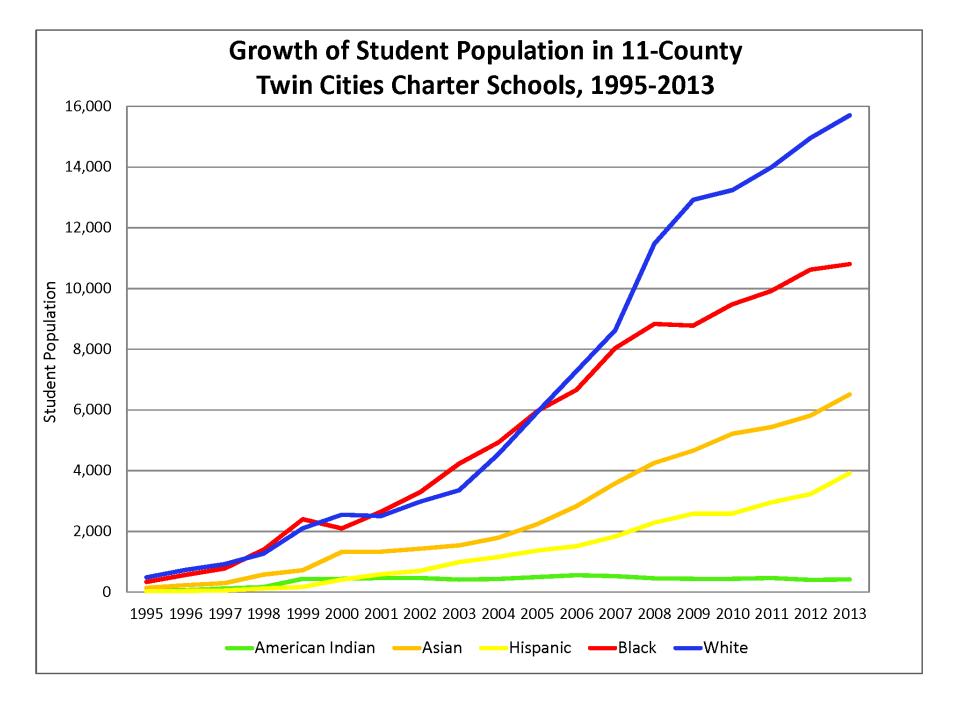
## MINNEAPOLIS - SAINT PAUL (CENTRAL REGION) Race and Ethnicity Charter Schools, 2010-2011



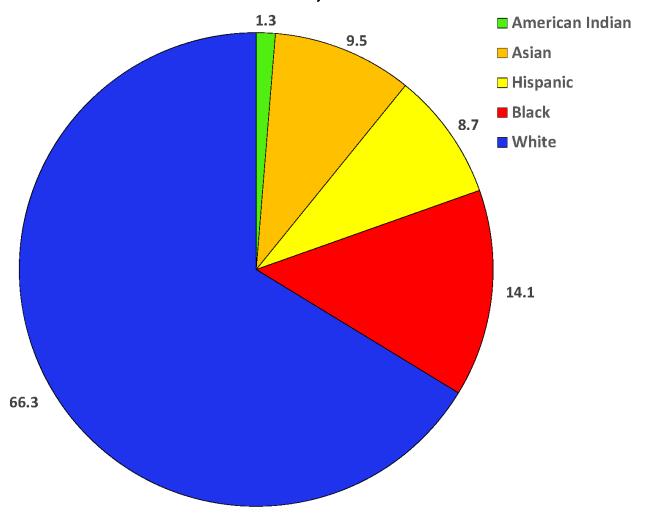


## MINNEAPOLIS - SAINT PAUL (CENTRAL REGION) Race and Ethnicity Charter Schools, 2012-2013

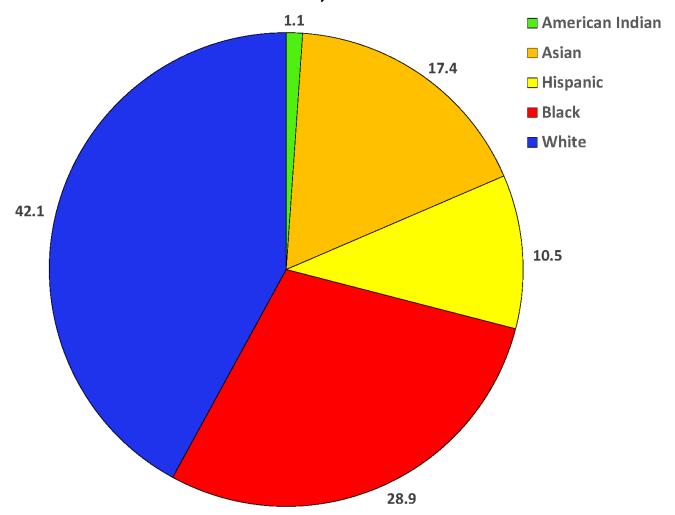




## Twin Cities 11-County Area: Distribution of Students in Non-Charter Schools, 2013-2014

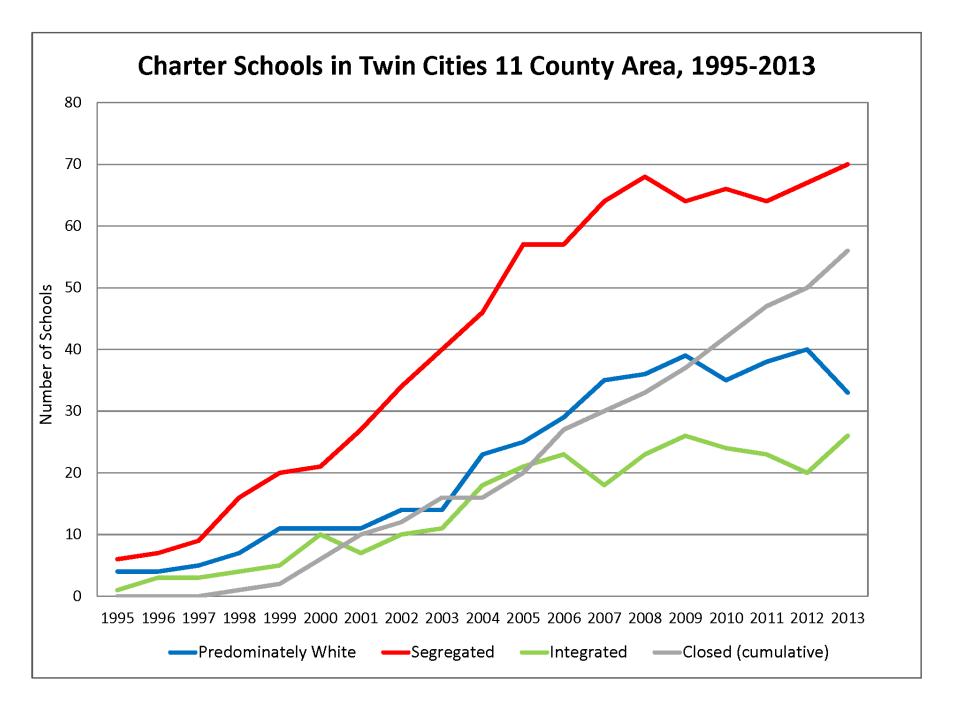


Twin Cities 11-County Area: Distribution of Students in Charter Schools, 2013-2014

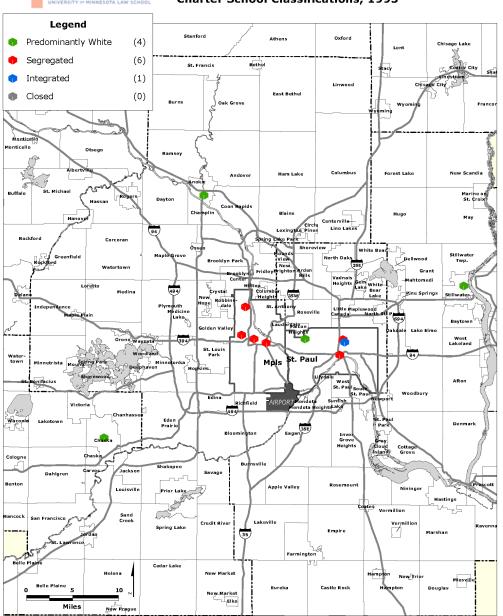




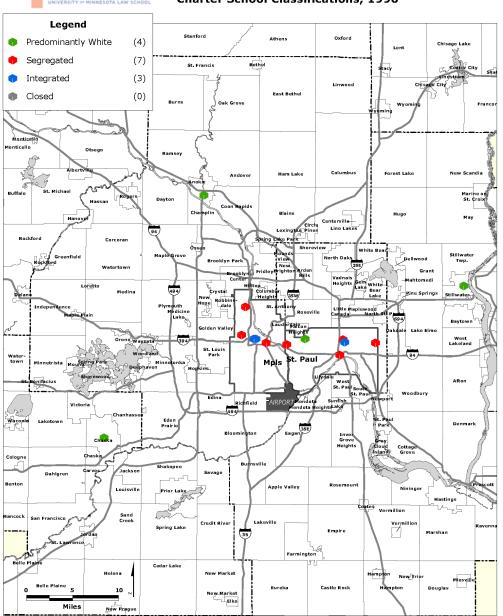
## Charter School Time Series 1995-2013



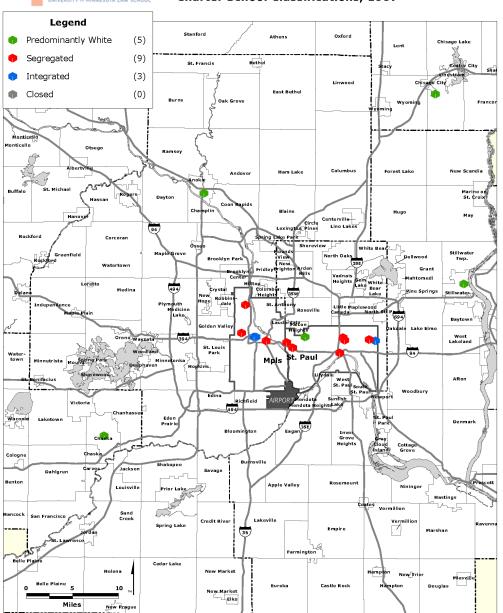




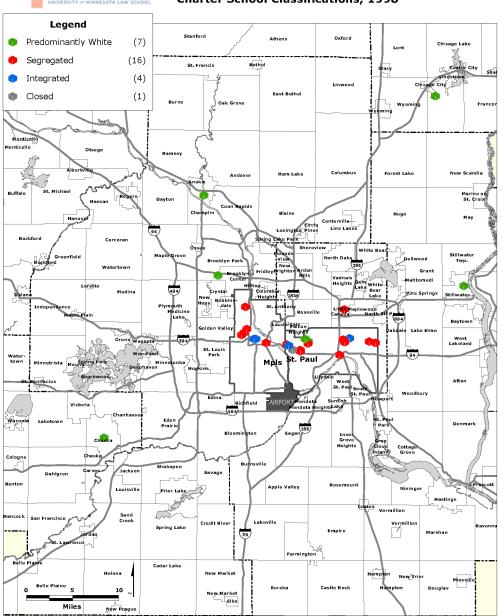




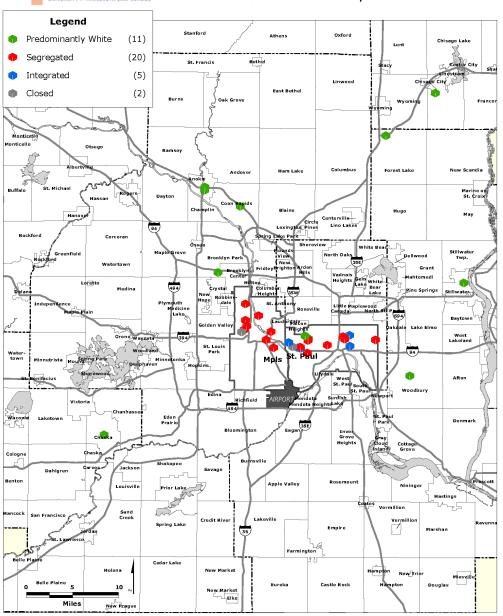




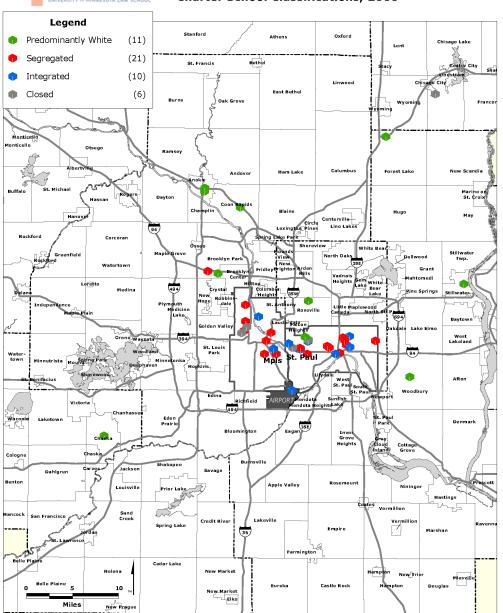




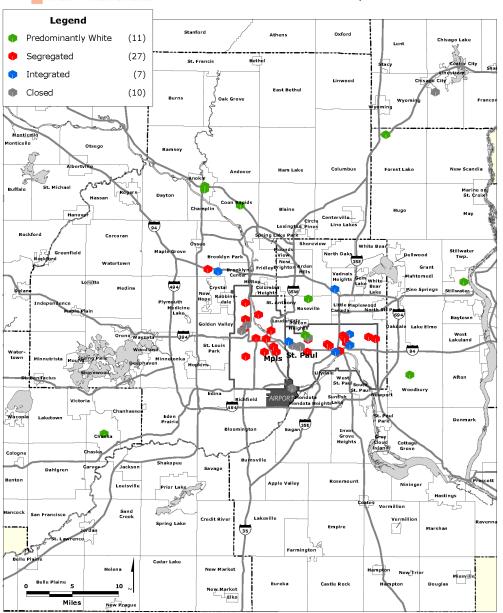




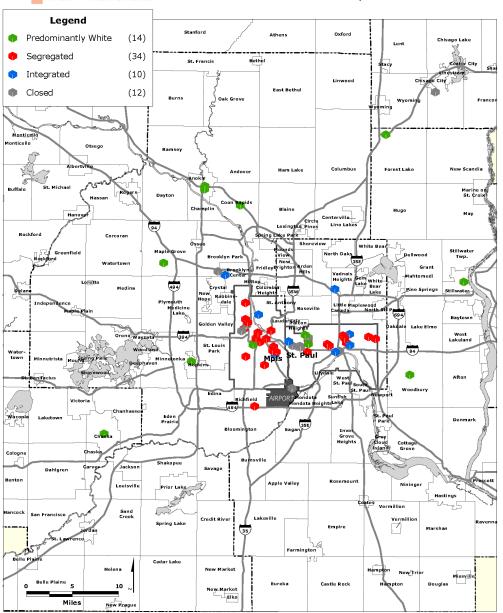




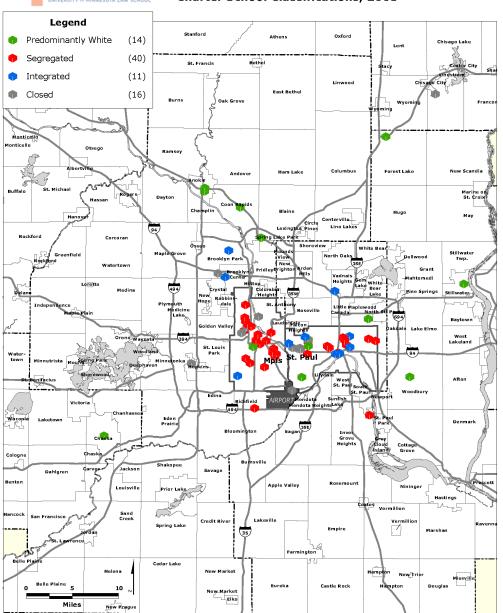




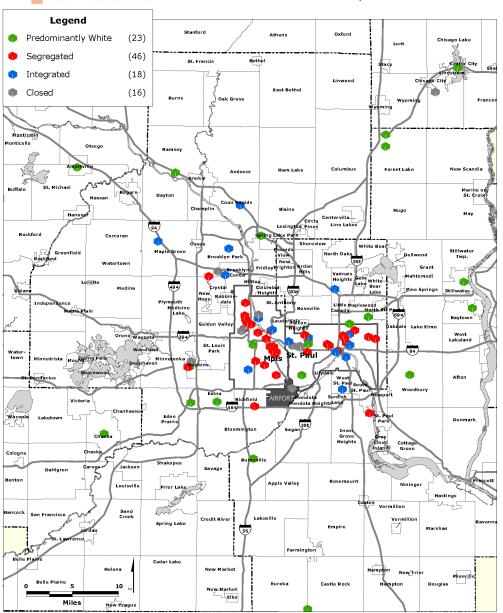




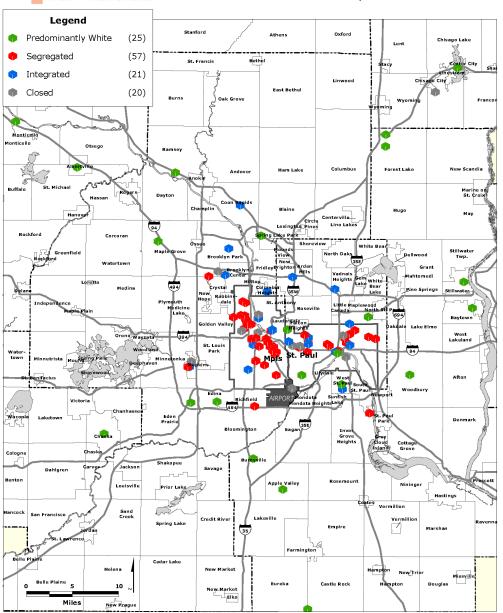




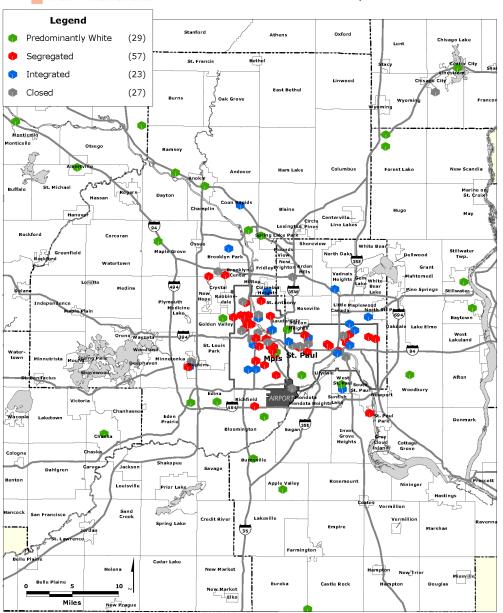




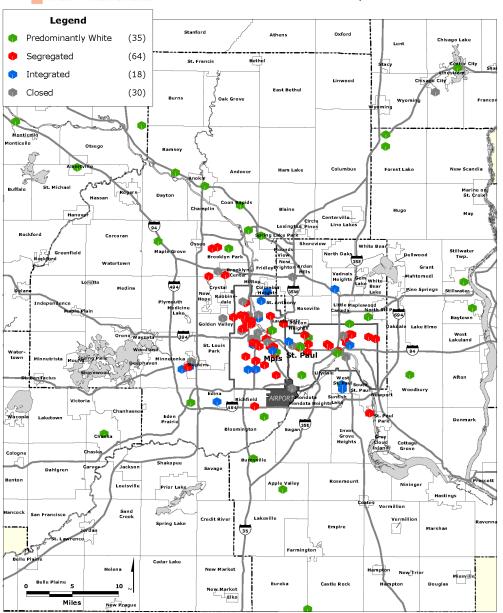




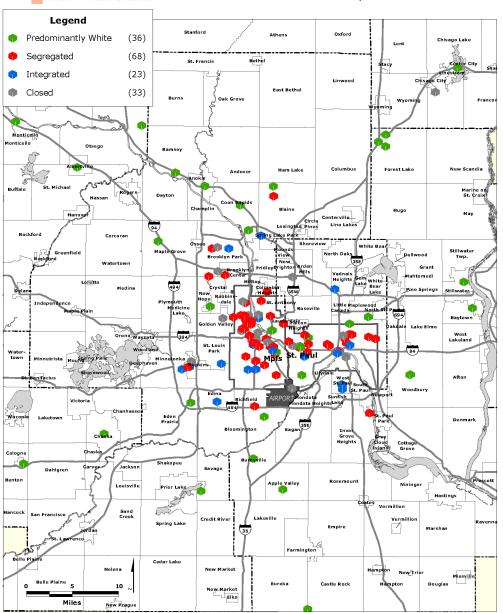




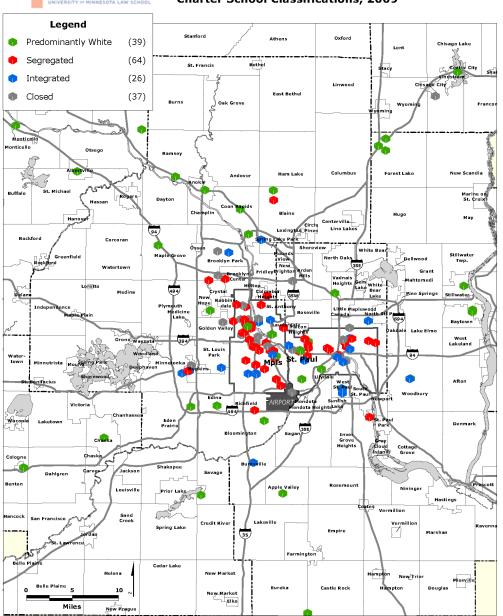




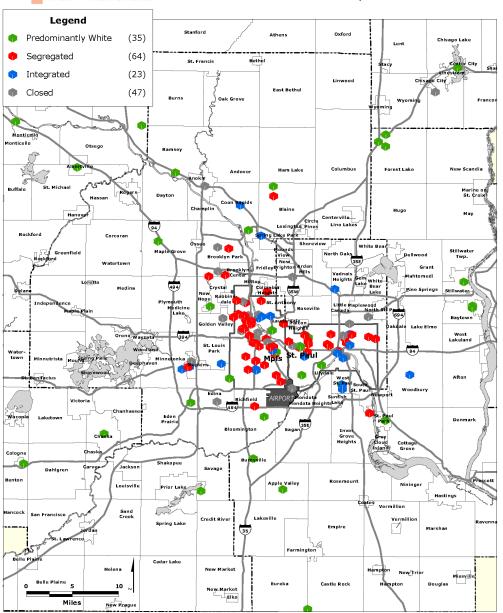




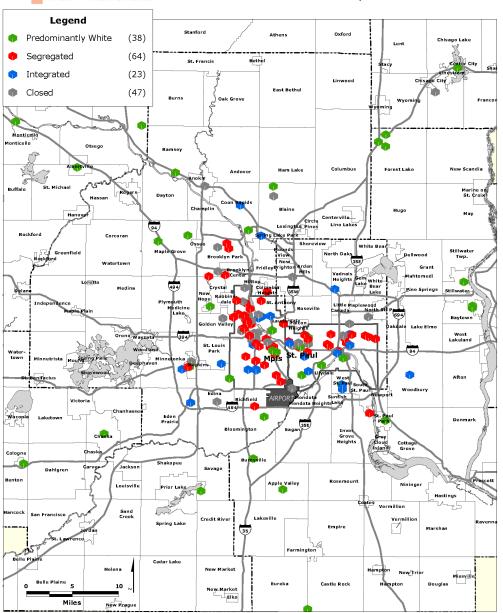




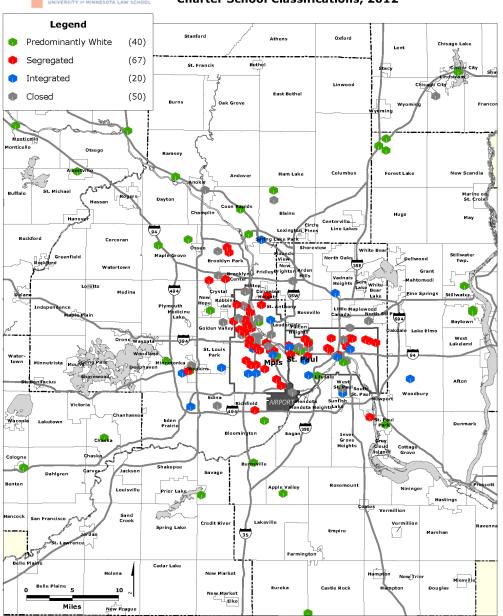




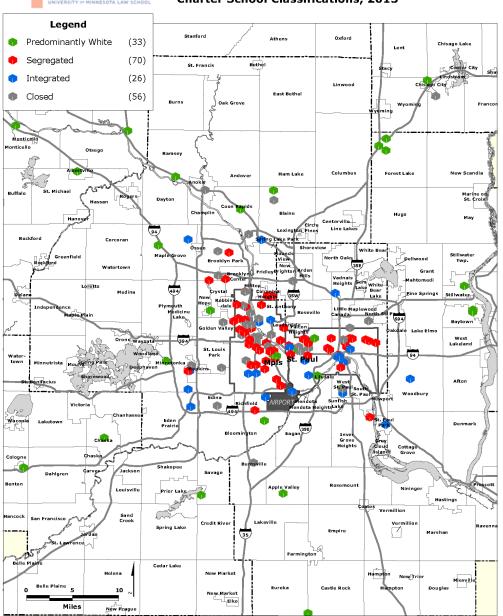




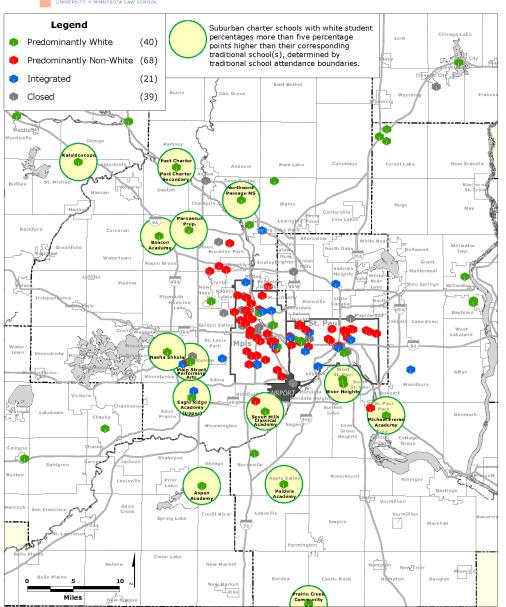






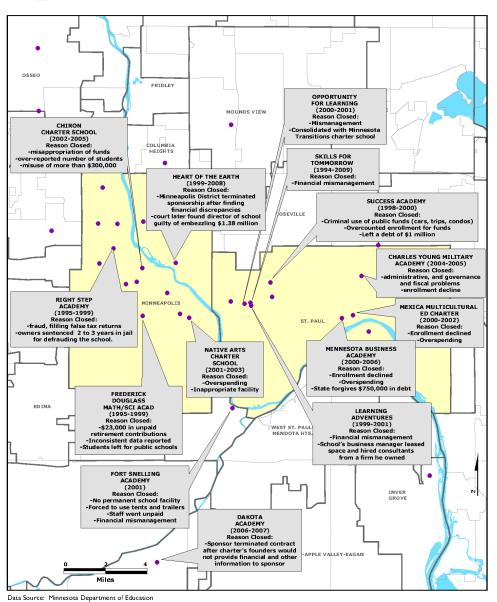


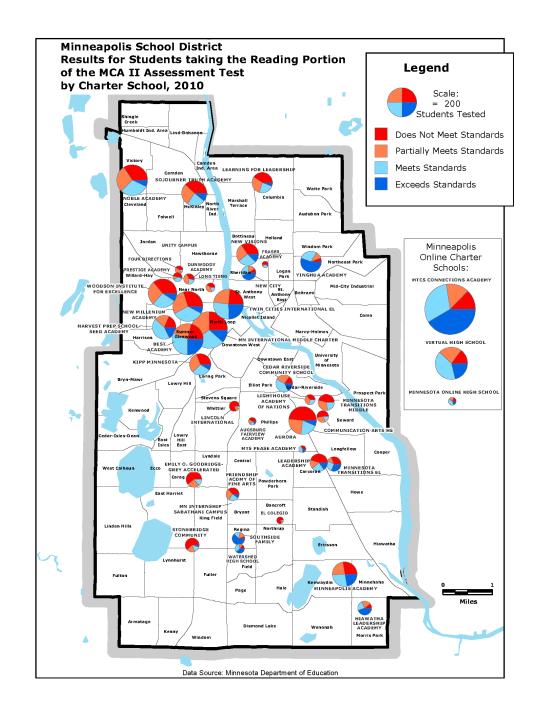


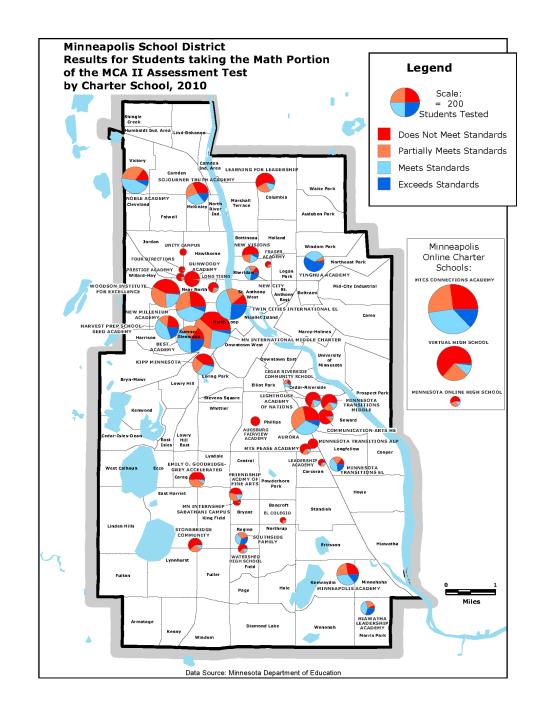




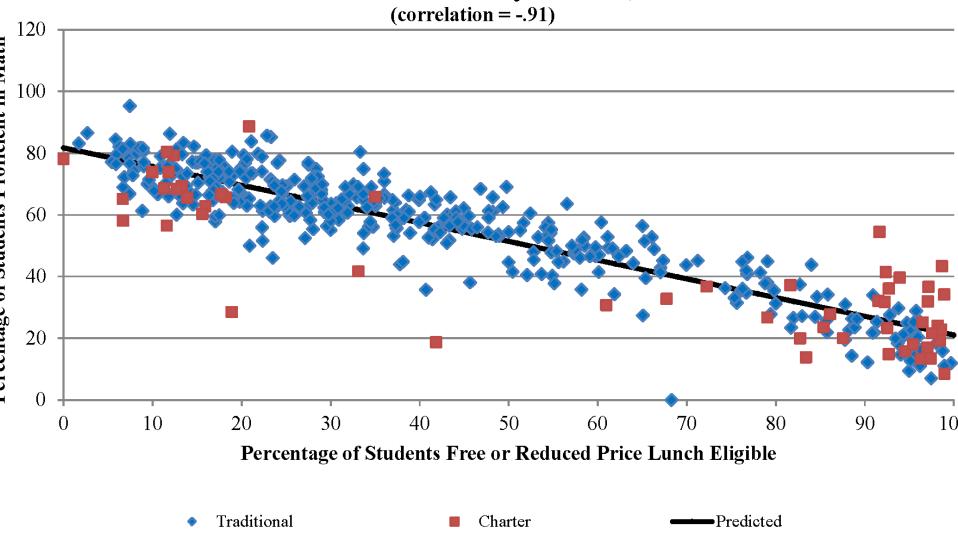
#### MINNEAPOLIS - SAINT PAUL (CENTRAL REGION) Reasons for Charter School Closings, 1995-2010





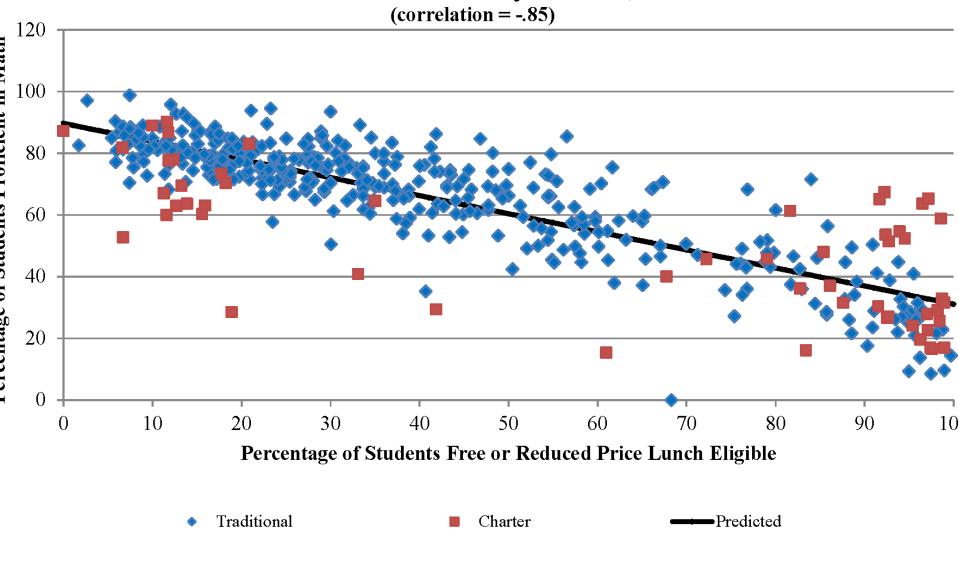


## Poverty and Reading Proficiency Rates in Twin Cities Elementary Schools, 2012-13

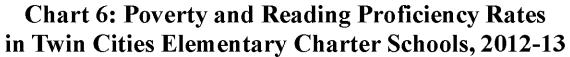


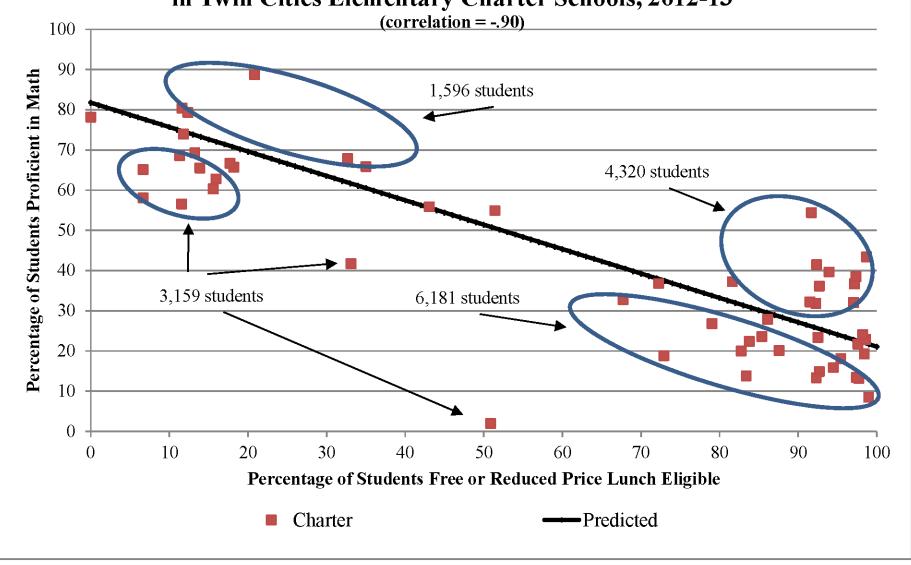
Charter schools "above the line": 32% Traditional schools "above the line": 57%

## Poverty and Math Proficiency Rates in Twin Cities Elementary Schools, 2012-13

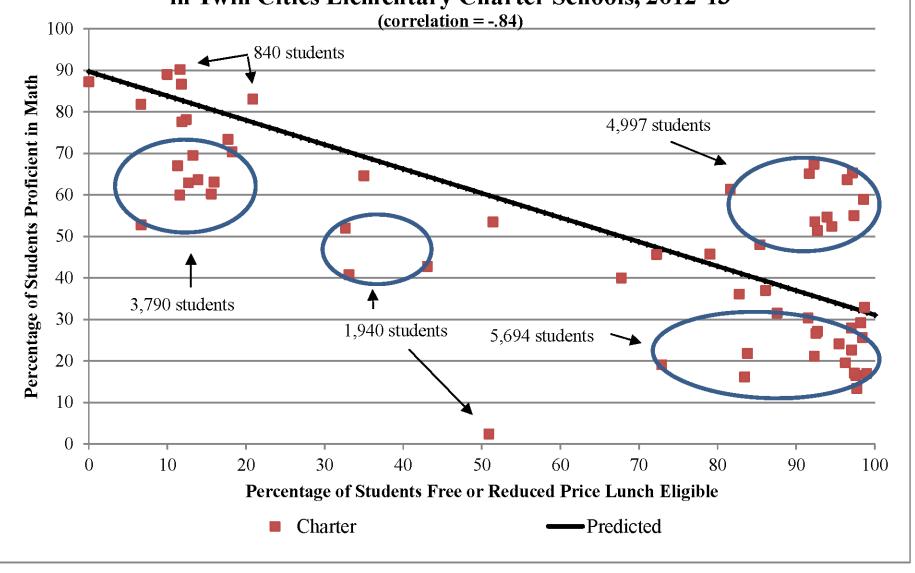


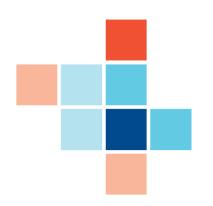
Charter schools "above the line": 32% Traditional schools "above the line": 52%



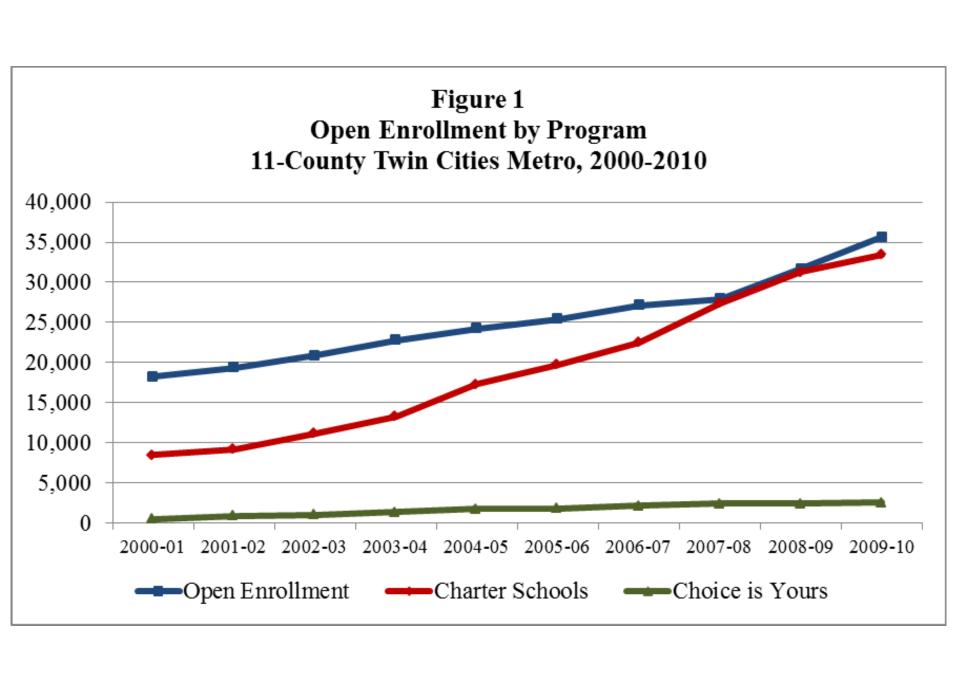


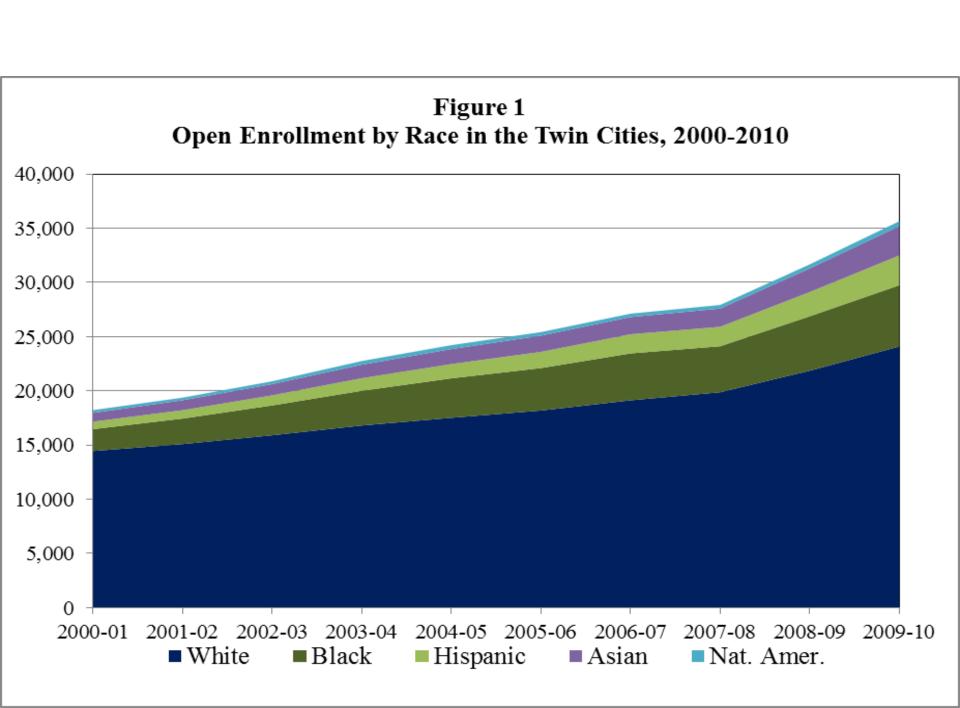






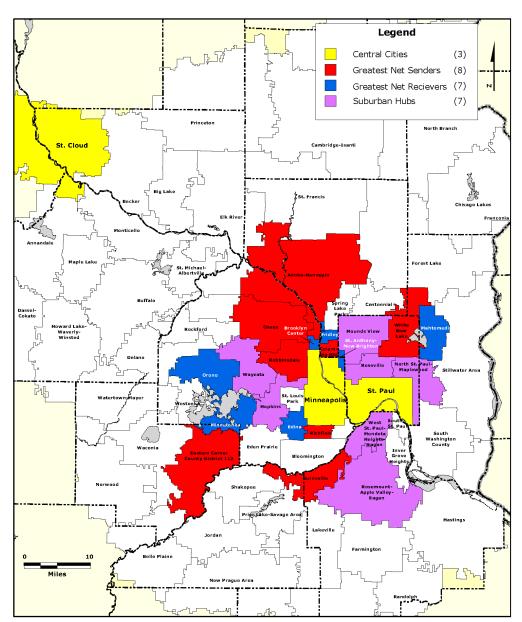
# Open Enrollment and Race in the Twin Cities 2000 - 2010







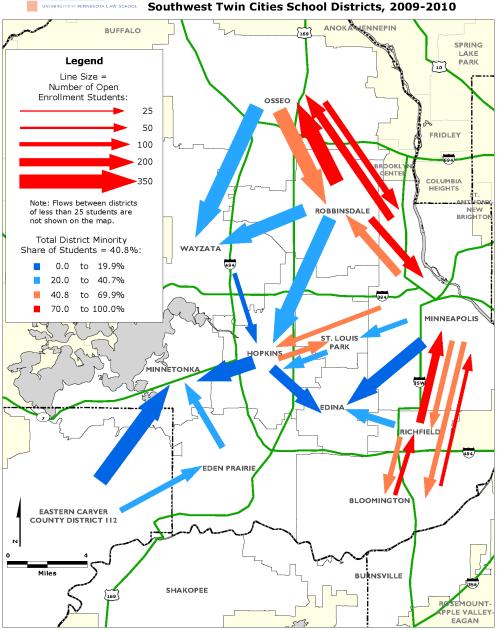
MAP 1: MINNEAPOLIS - SAINT PAUL REGION Open Enrollment School District Types, 2009-2010



Data Source: Minnesota Department of Education; MN-Link.



MAP 5: MINNEAPOLIS - SAINT PAUL SOUTHWEST REGION Percentage Minority Students in Open Enrollment Flows, Southwest Twin Cities School Districts, 2009-2010



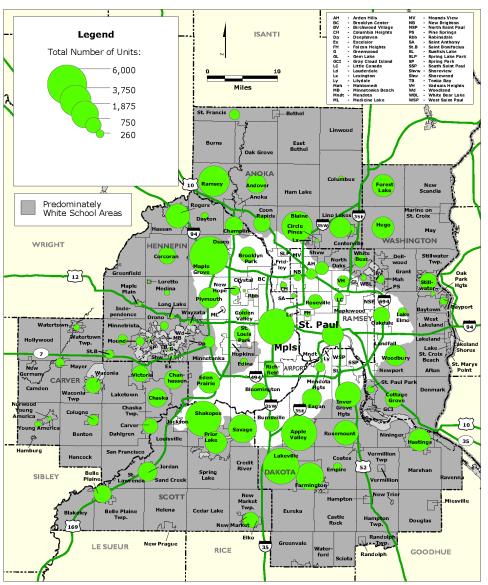
Data Source: Minnesota Department of Education; MN-Link.



# Subsidized and Affordable Housing

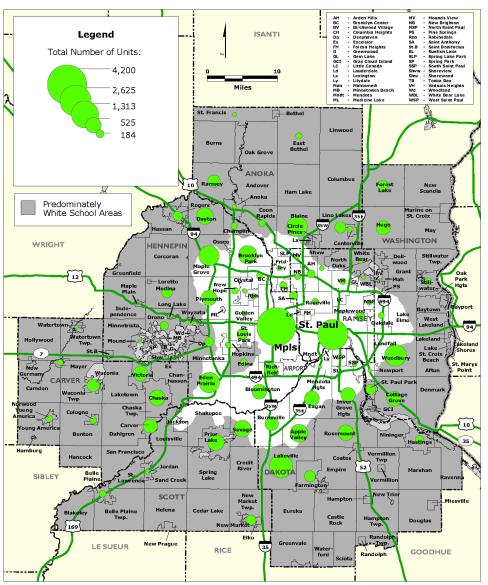


#### MINNEAPOLIS - SAINT PAUL REGION Affordable Housing Goals for the Livable Communities Act, 1996-2010



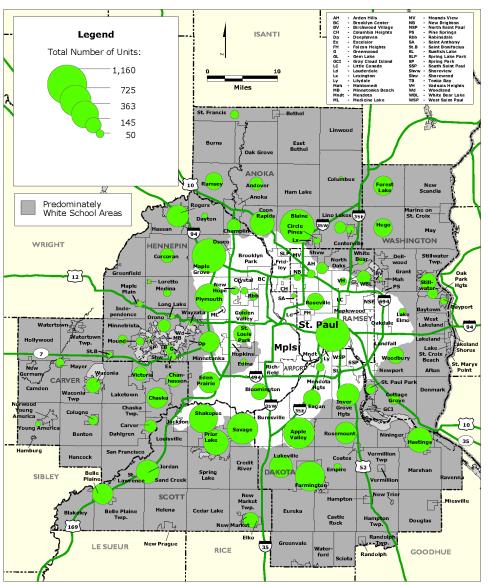


#### MINNEAPOLIS - SAINT PAUL REGION Affordable Housing Goals for the Livable Communities Act, 2011 to 2020



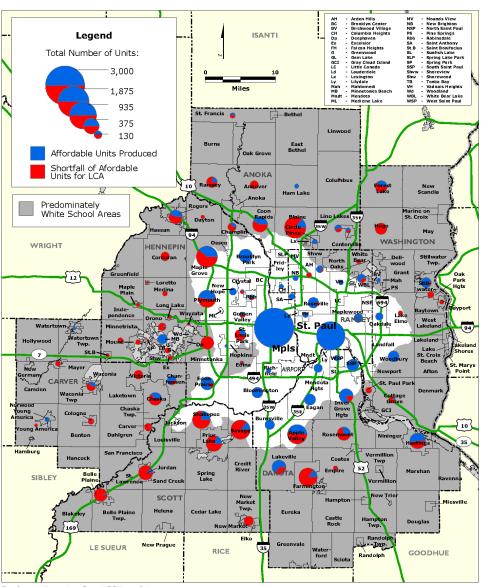


#### MINNEAPOLIS - SAINT PAUL REGION Affordable Rental Housing Goals for the Livable Communities Act, 1996-2010



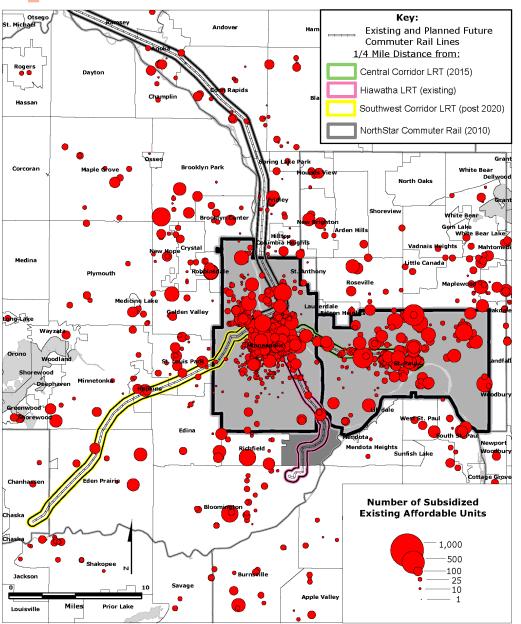


#### MINNEAPOLIS - SAINT PAUL REGION Affordable Rental Housing Production and Shortfall from LCA Goals, 1996-2010





# MINNEAPOLIS - SAINT PAUL (Central Region) Existing Subsidized Housing (2012) and Planned or Existing Light Rail (LRT) and Commuter Rail

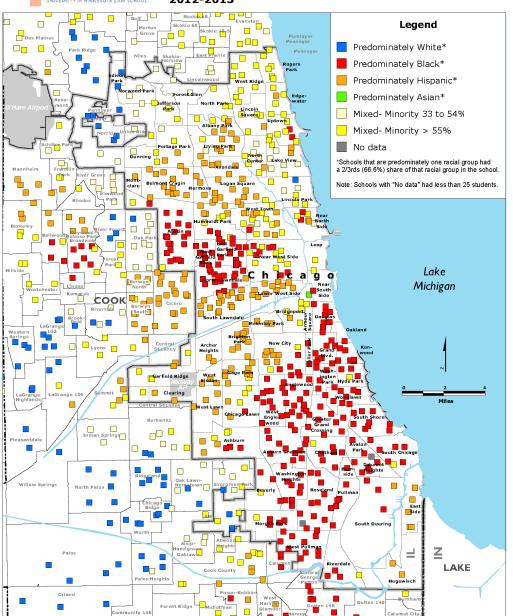




# Chicago Schools

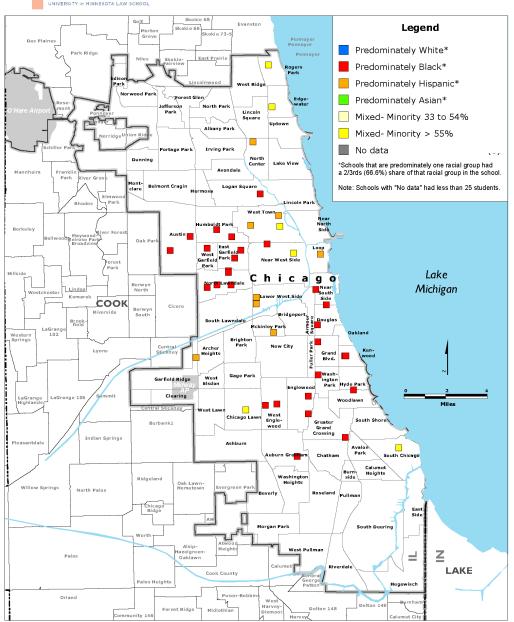


#### CITY OF CHICAGO AND SURROUNDING SUBURBS Racial Predominance in Traditional Public Schools, 2012-2013





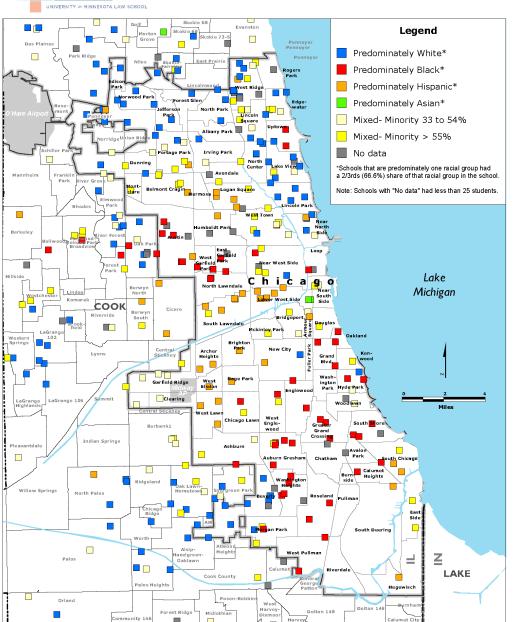
## CITY OF CHICAGO AND SURROUNDING SUBURBS Racial Predominance in Charter Schools, 2012-2013



Data Sources: National Center for Education Statistics; City of Chicago; U.S. Census Bureau TIGER.



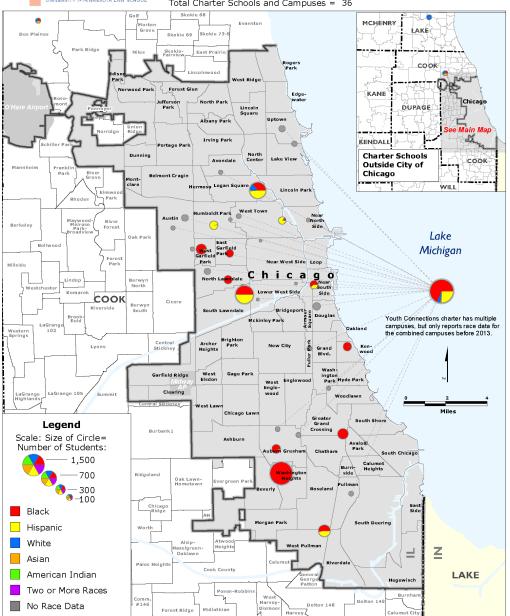
### CITY OF CHICAGO AND SURROUNDING SUBURBS Racial Predominance in Private Schools, 2012-2013



Data Sources: National Center for Education Statistics; City of Chicago; U.S. Census Bureau TIGER.

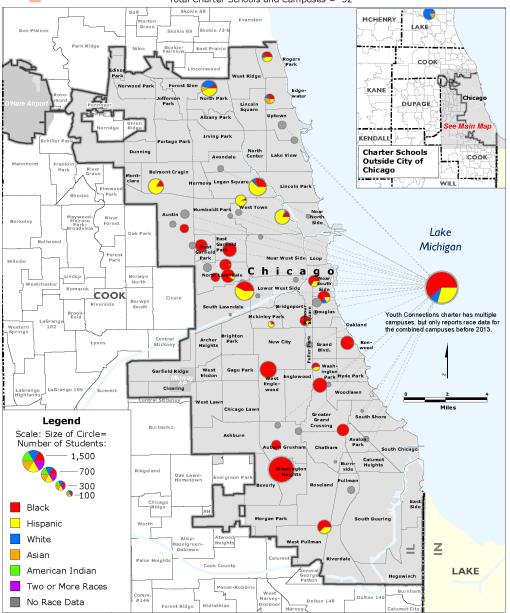


#### Map 1: CITY OF CHICAGO AND SURROUNDING SUBURBS Race and Ethnicity in Charter School Sites, 1999-2000



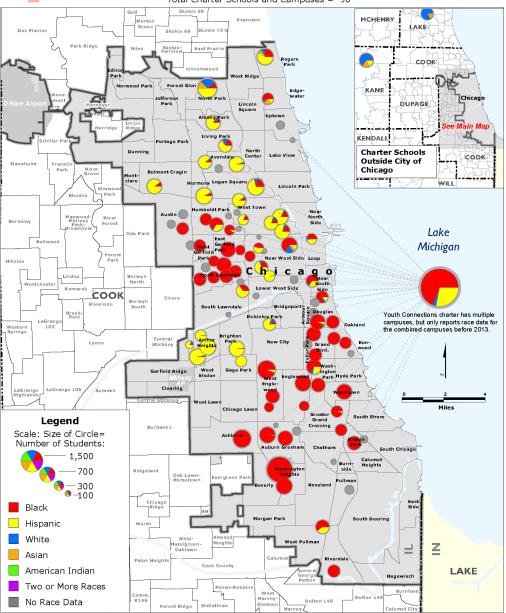


## Map 2: CITY OF CHICAGO AND SURROUNDING SUBURBS Race and Ethnicity in Charter School Sites, 2004-2005



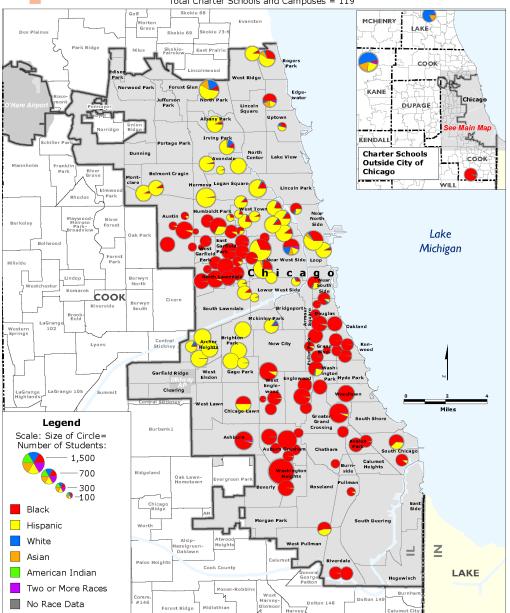


## Map 3: CITY OF CHICAGO AND SURROUNDING SUBURBS Race and Ethnicity in Charter School Sites, 2009-2010





#### Map 4: CITY OF CHICAGO AND SURROUNDING SUBURBS Race and Ethnicity in Charter School Sites, 2012-2013



# 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

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

# Student Performance (cont.)

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** 

	Student Group									
	<u>A11</u>		<u>Black</u>		<u>Hispanic</u>		Low-Income			
Grade - level Models										
Reading Pass Rate	-2.5	**	-3.9	**	-2.1	*	-1.9	**		
Math Pass Rate	-2.3	**	-3.5	**	-1.7		-2.0	**		
School- level Models										
Reading Pass Rate	-2.2	*	-3.3	*	-1.6		-3.1	*		
Math Pass Rage	-0.8		-0.7		0.5		<b>-4</b> .0	**		
Reading Growth Rate	-3.7	**								
Math Growth Rate	-4.3	**								
Four Year Graduation Rate	-13.2	**								
Five Year Graduation Rate	-29.1	**								
ACT Composite Score	0.4									
ACT English Score	0.4									
ACT Math Score	1.1	**								
ACT Science Score	0.1									

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.

<sup>\*:</sup> Estimate signficant at 90% confidence level.

<sup>\*\*:</sup> Estimate signficant at 95% confidence level.



# Contact Us:

http://www.law.umn.edu/metro.html