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Education and Demographics in the Twin Cities and Boston

-Myron Orfield-

institute on race & poverty

Research, Education and Advocacy

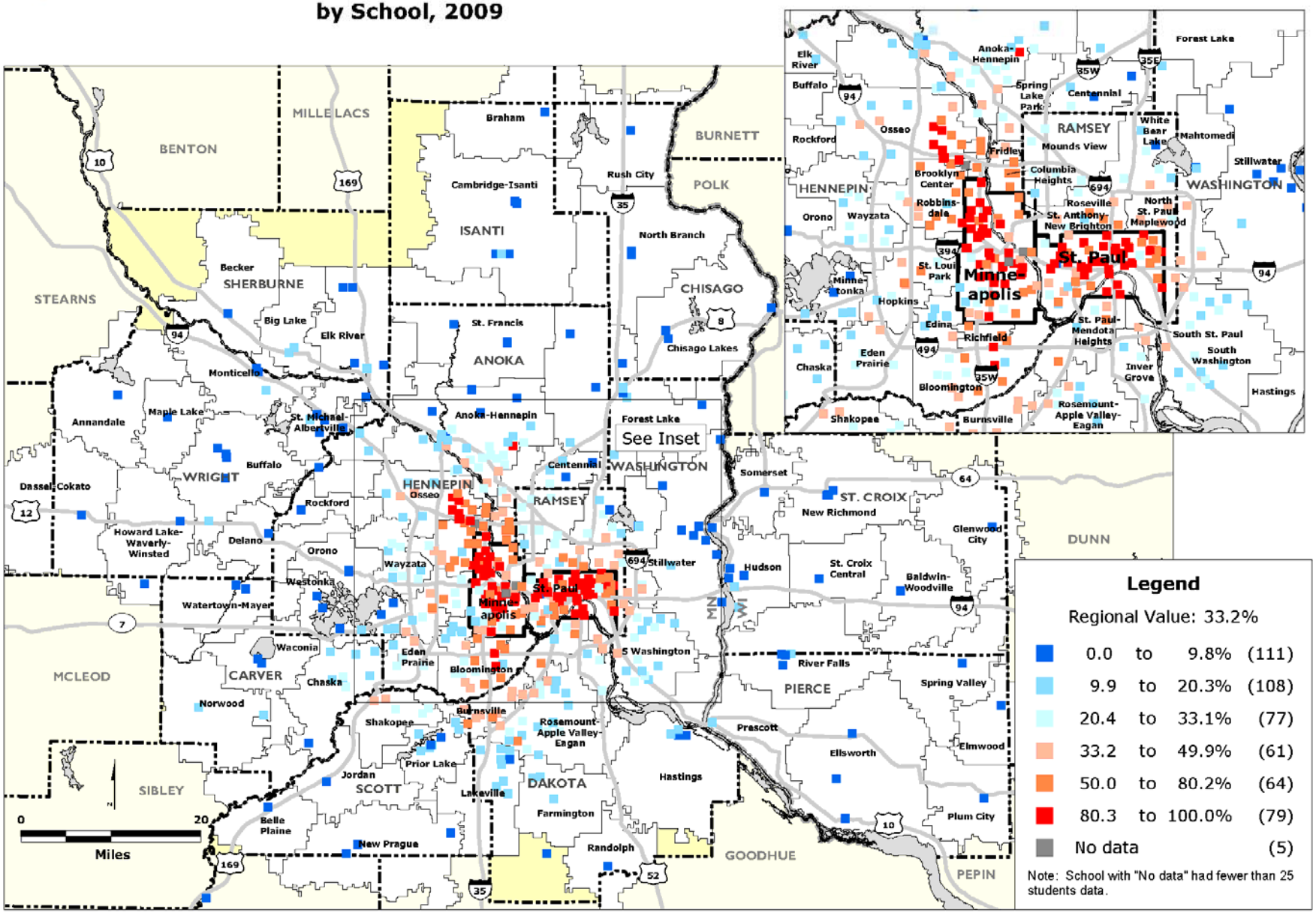
Twin Cities
School Demographics

institute on race & poverty

Research, Education and Advocacy

institute on race and poverty
Research, Education and Advocacy

MINNEAPOLIS-SAINT PAUL REGION: Percentage Minority Elementary Students by School, 2009



Legend

Regional Value: 33.2%

0.0	to	9.8%	(111)
9.9	to	20.3%	(108)
20.4	to	33.1%	(77)
33.2	to	49.9%	(61)
50.0	to	80.2%	(64)
80.3	to	100.0%	(79)
No data			(5)

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

Data Source: National Center for Education Statistics.

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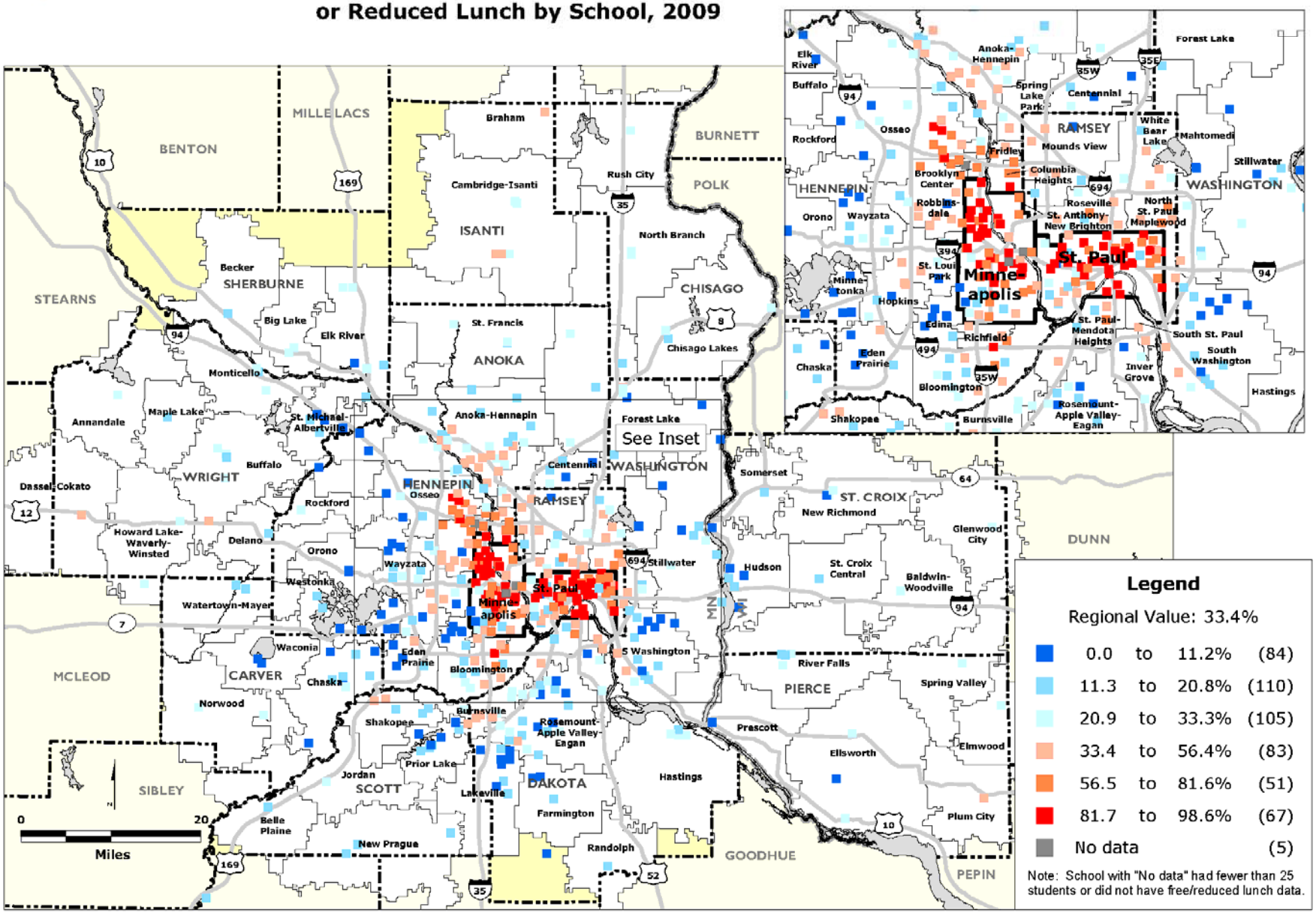
MINNEAPOLIS-SAINT PAUL REGION: Percentage of Elementary Students Eligible for Free or Reduced Lunch by School, 2009



Legend

Regional Value: 33.4%

0.0	to	11.2%	(84)
11.3	to	20.8%	(110)
20.9	to	33.3%	(105)
33.4	to	56.4%	(83)
56.5	to	81.6%	(51)
81.7	to	98.6%	(67)
No data			(5)

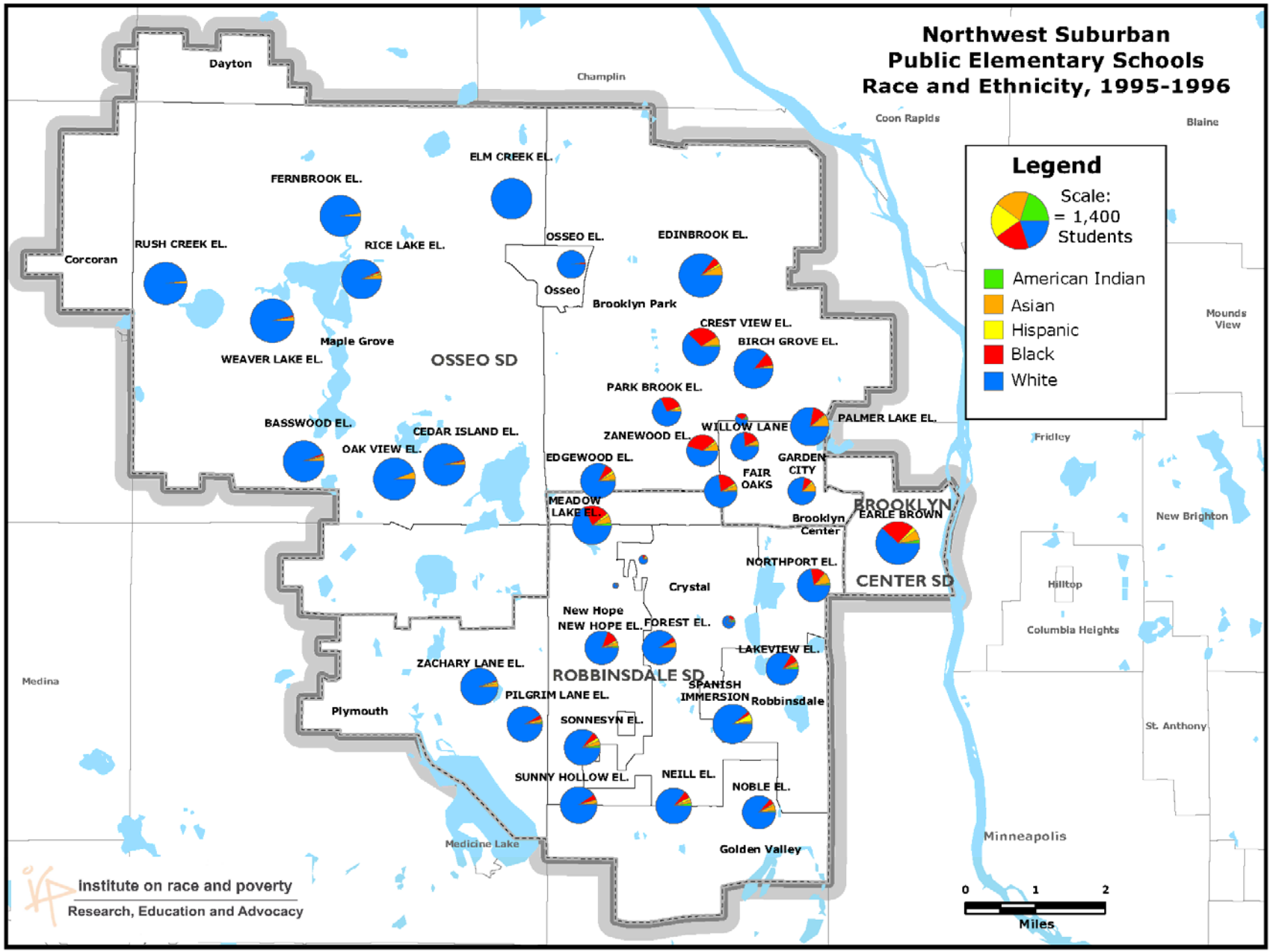
Note: School with "No data" had fewer than 25 students or did not have free/reduced lunch data.

Data Source: National Center for Education Statistics.

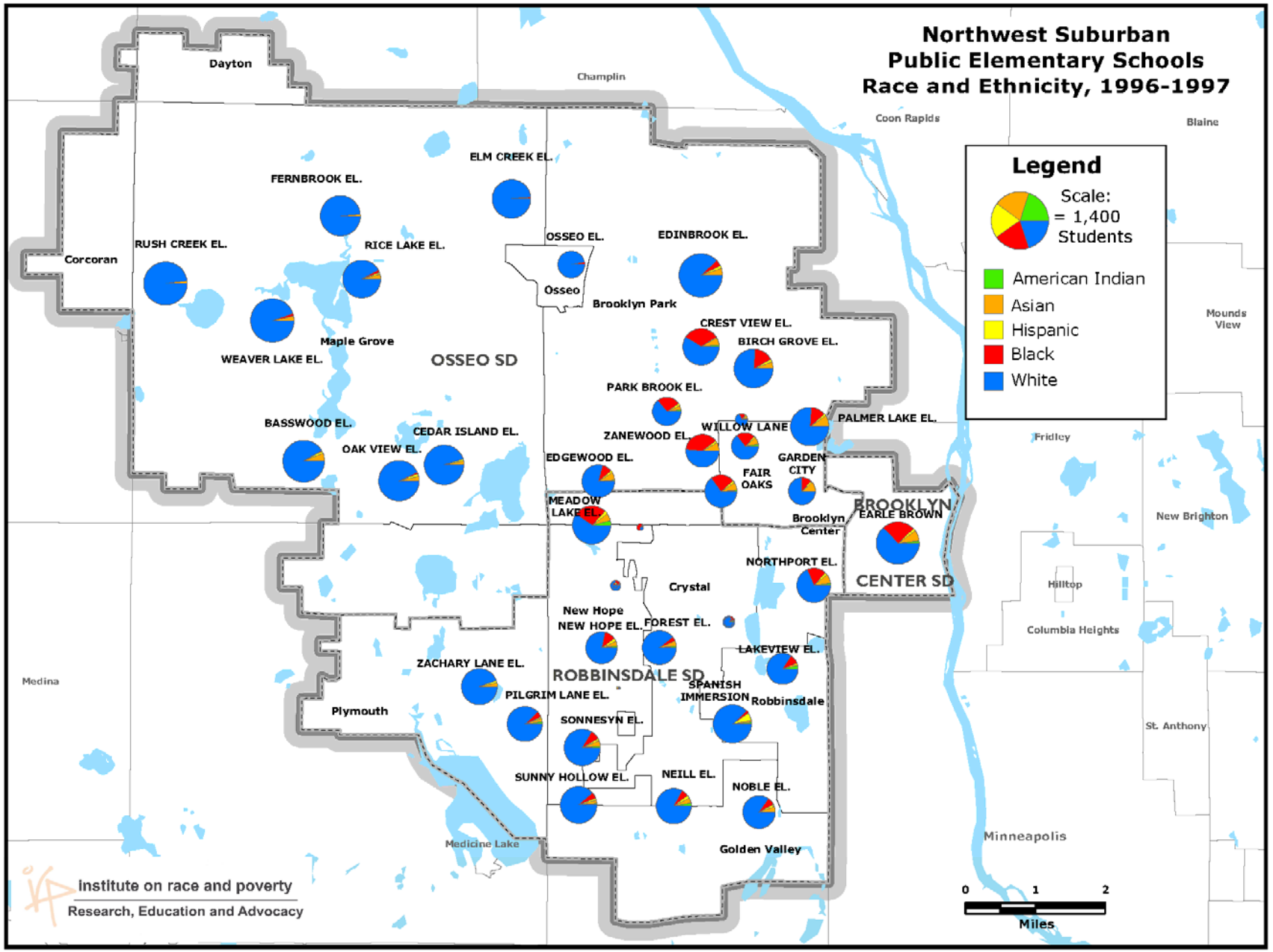
Suburban School Demographics

institute on race & poverty
Research, Education and Advocacy

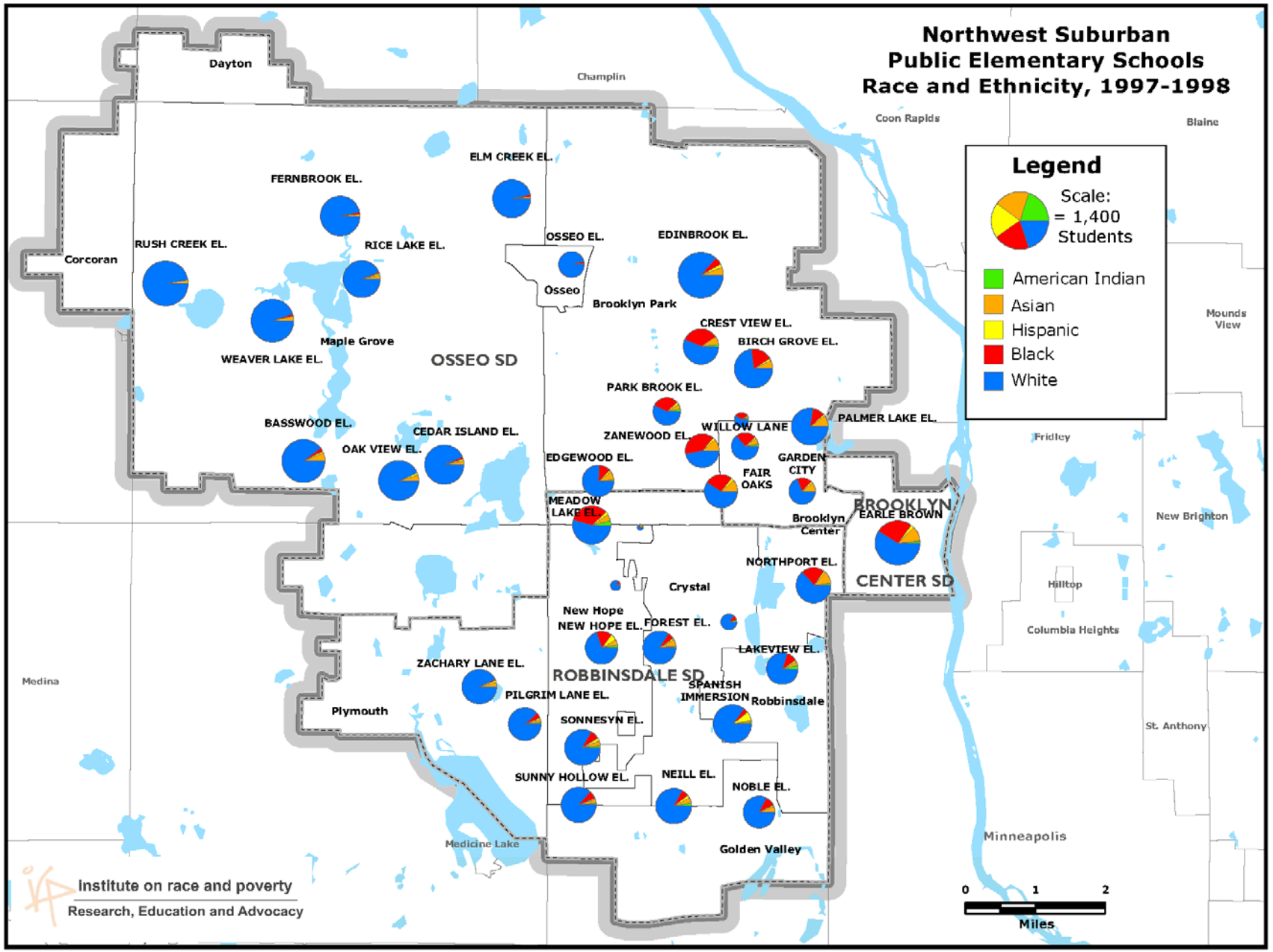
Northwest Suburbs
Race and Ethnicity



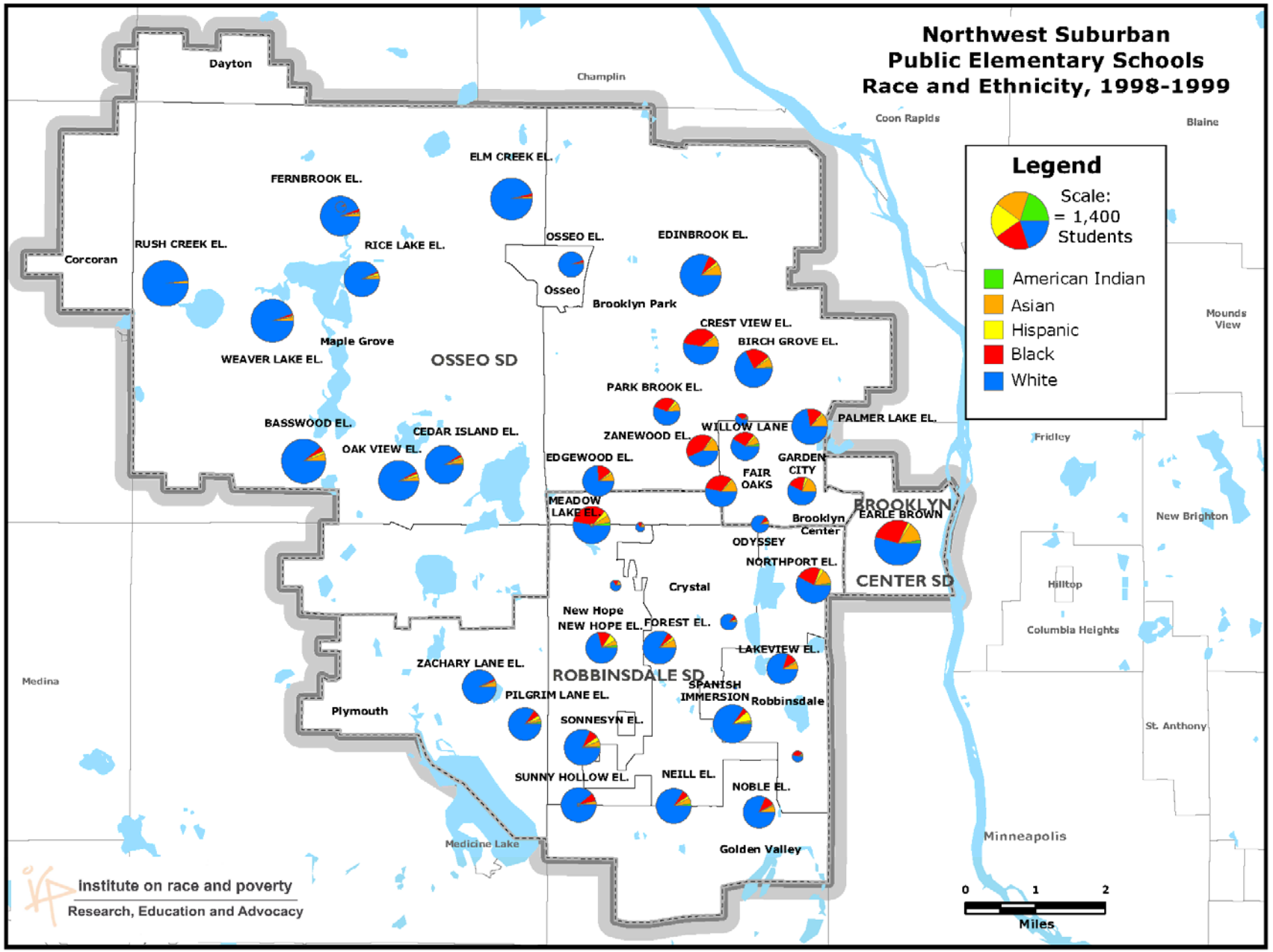
Data Source: Minnesota Department of Education.



Data Source: Minnesota Department of Education.



Data Source: Minnesota Department of Education.



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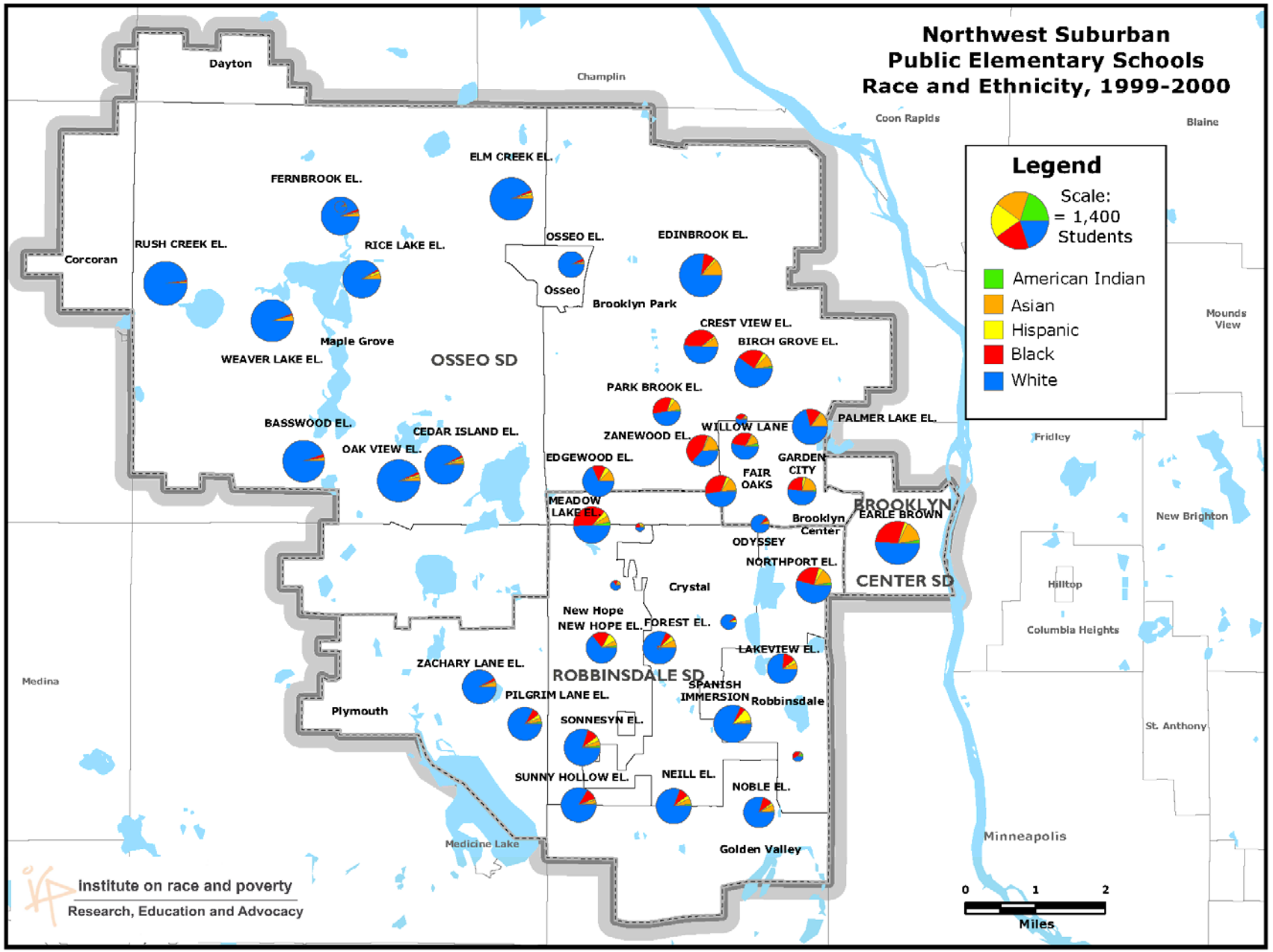
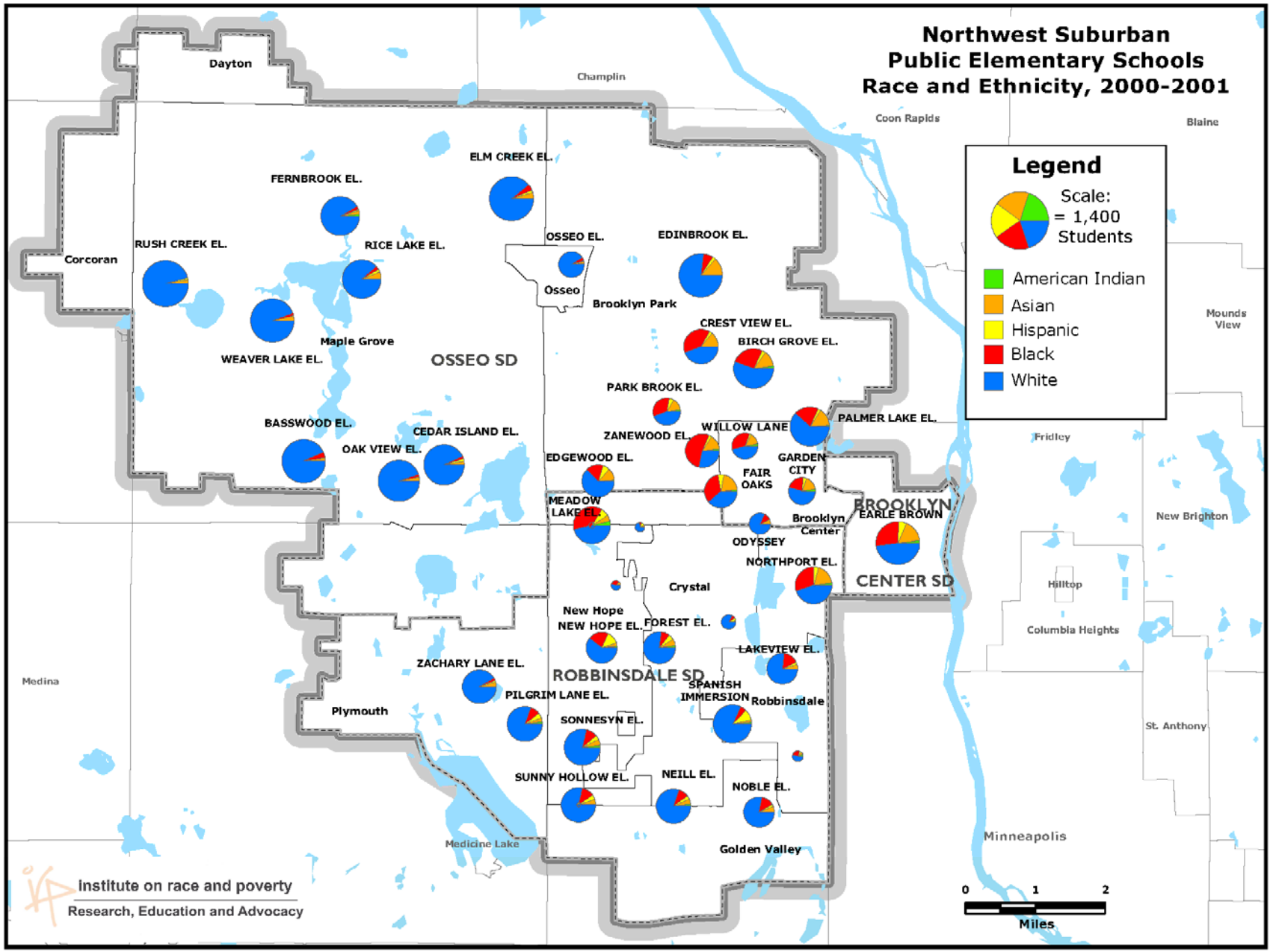
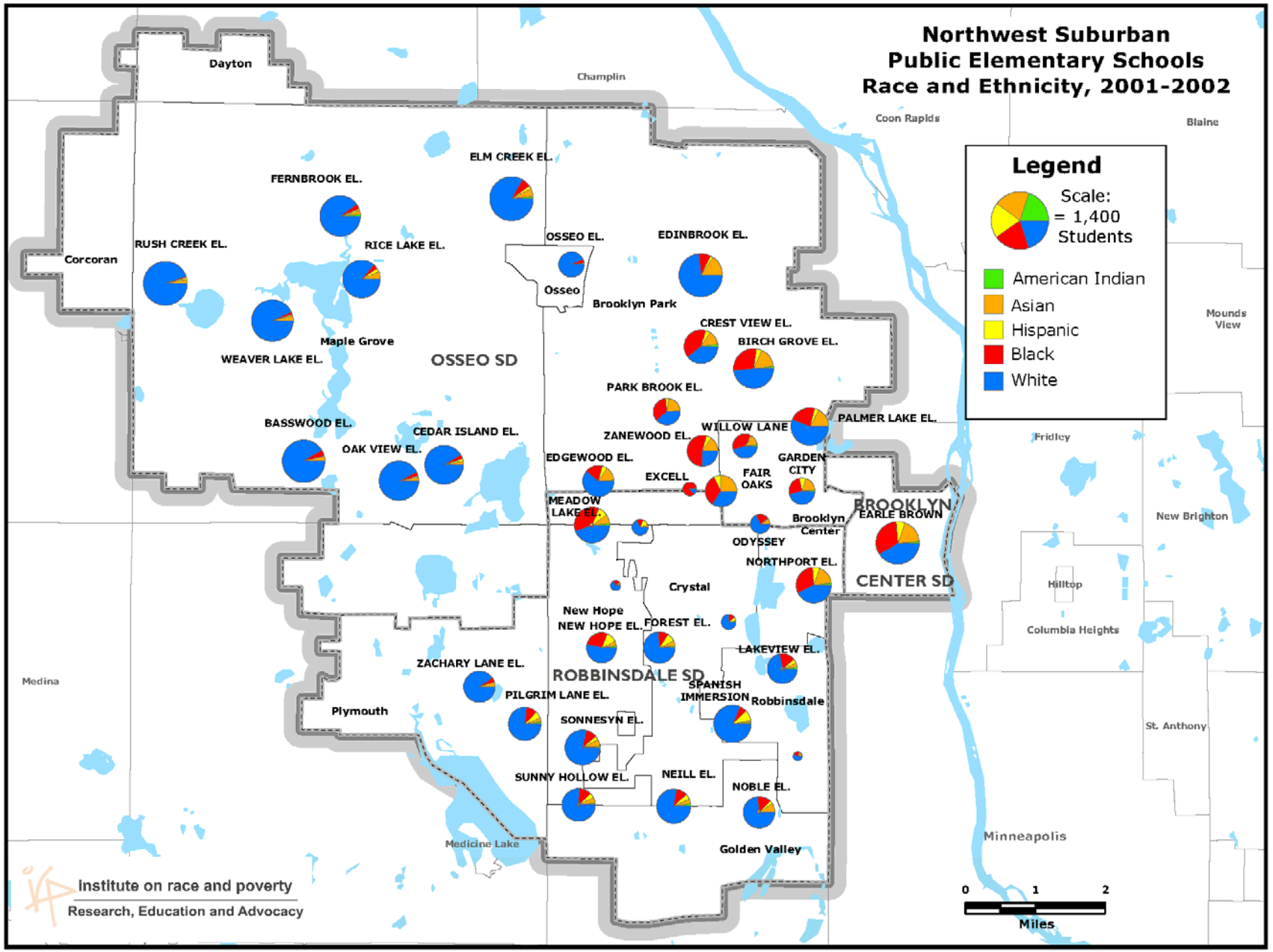


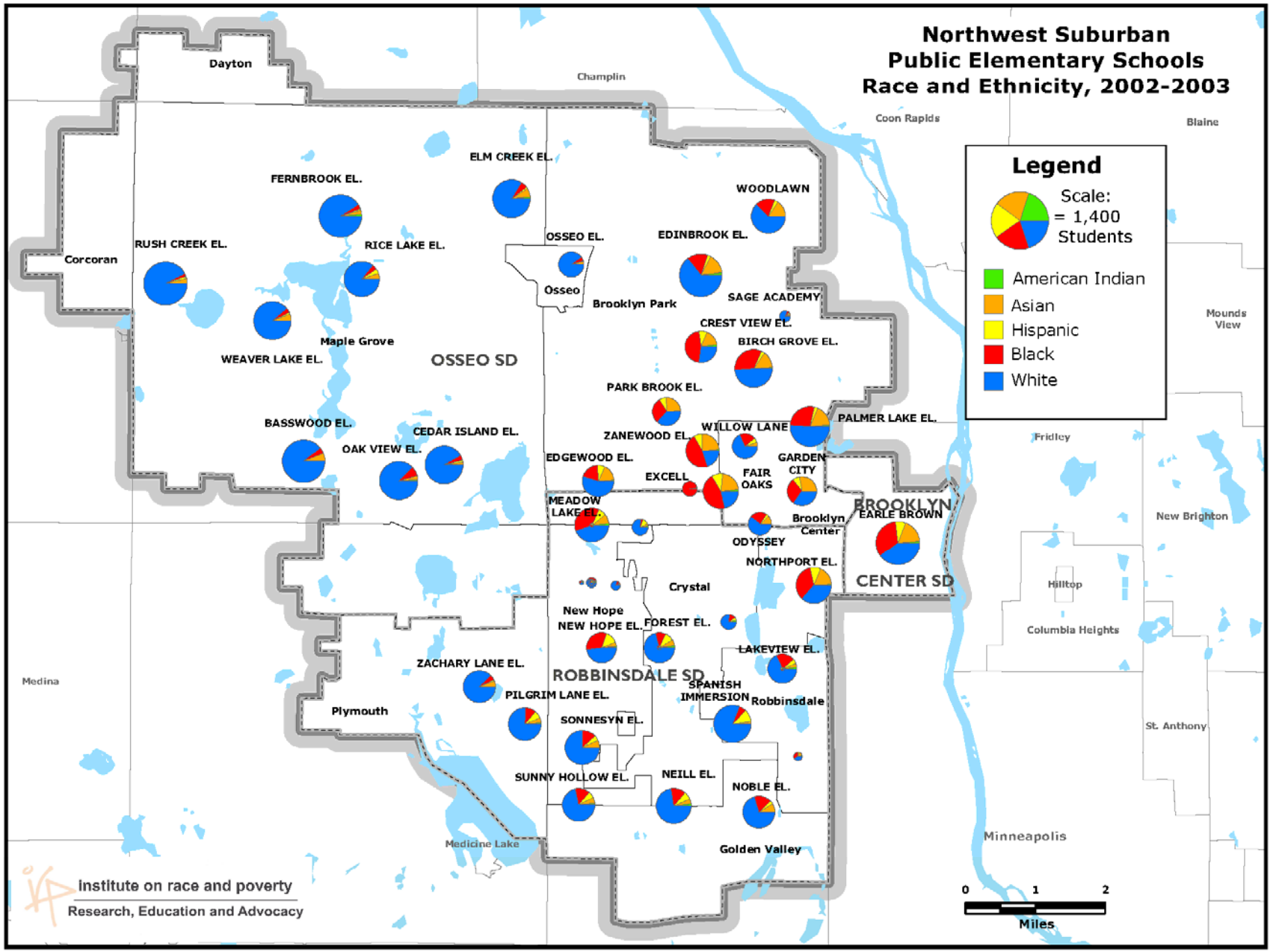
Data Source: Minnesota Department of Education.



Data Source: Minnesota Department of Education.



Data Source: Minnesota Department of Education.



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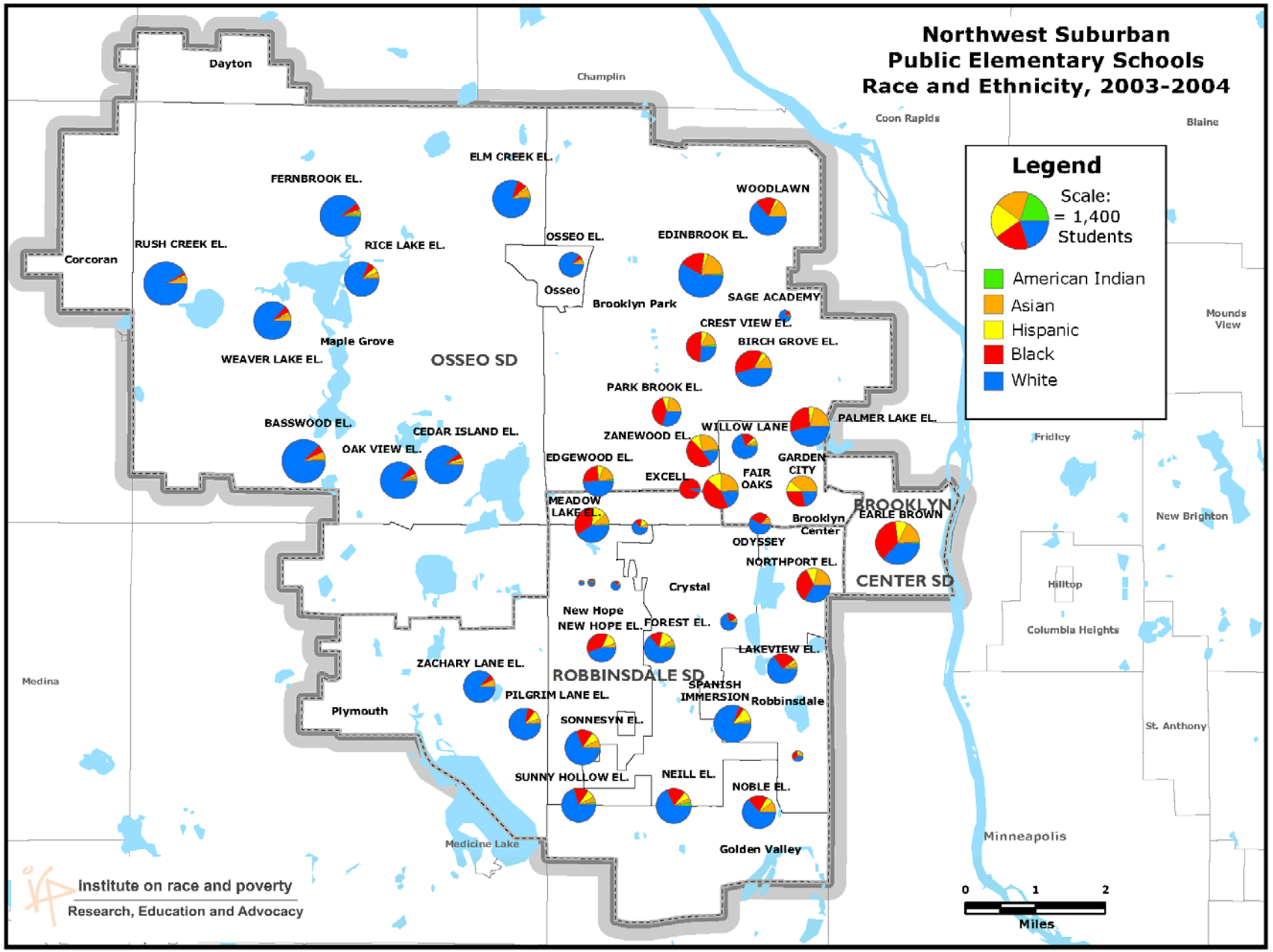

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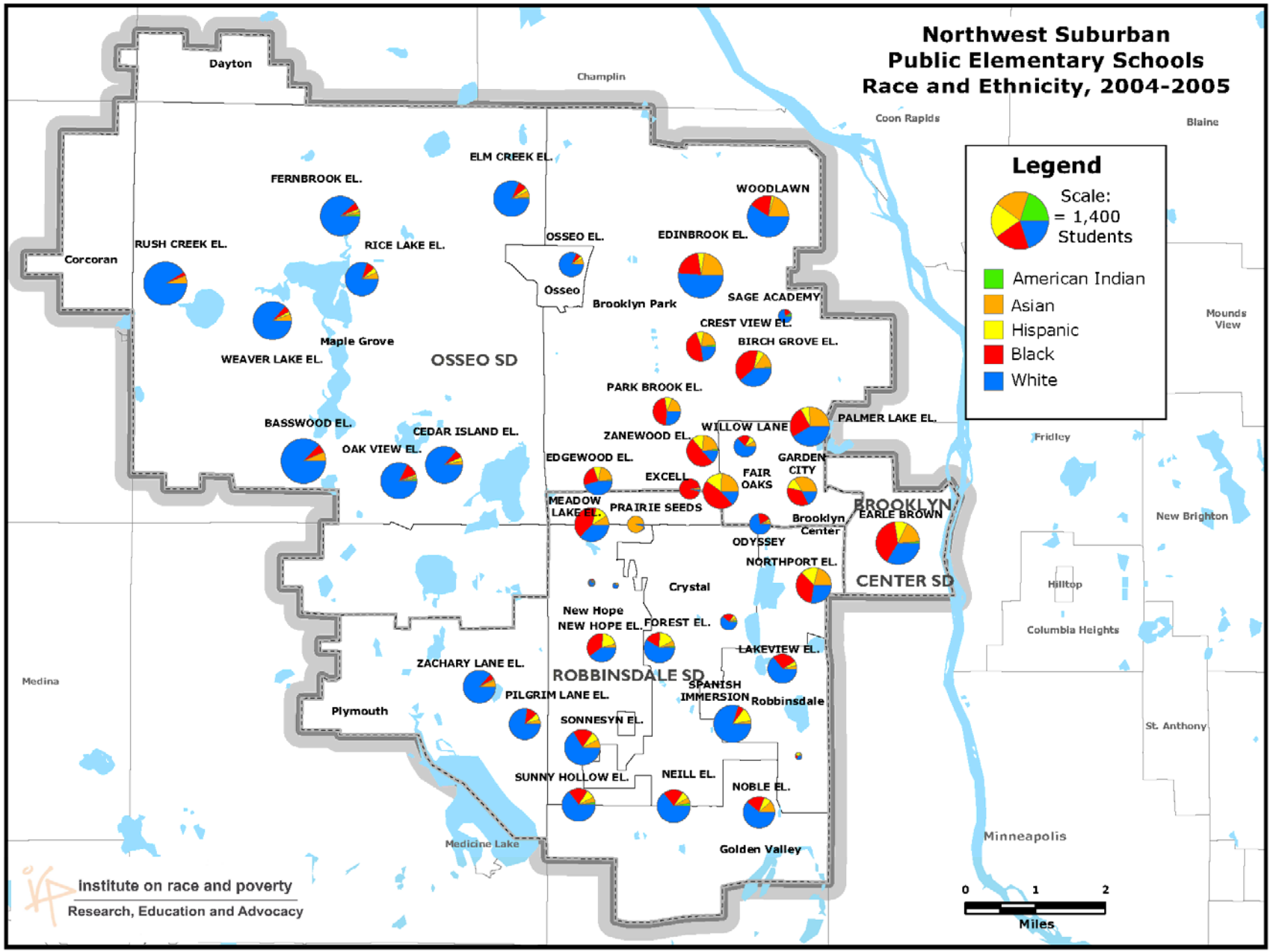

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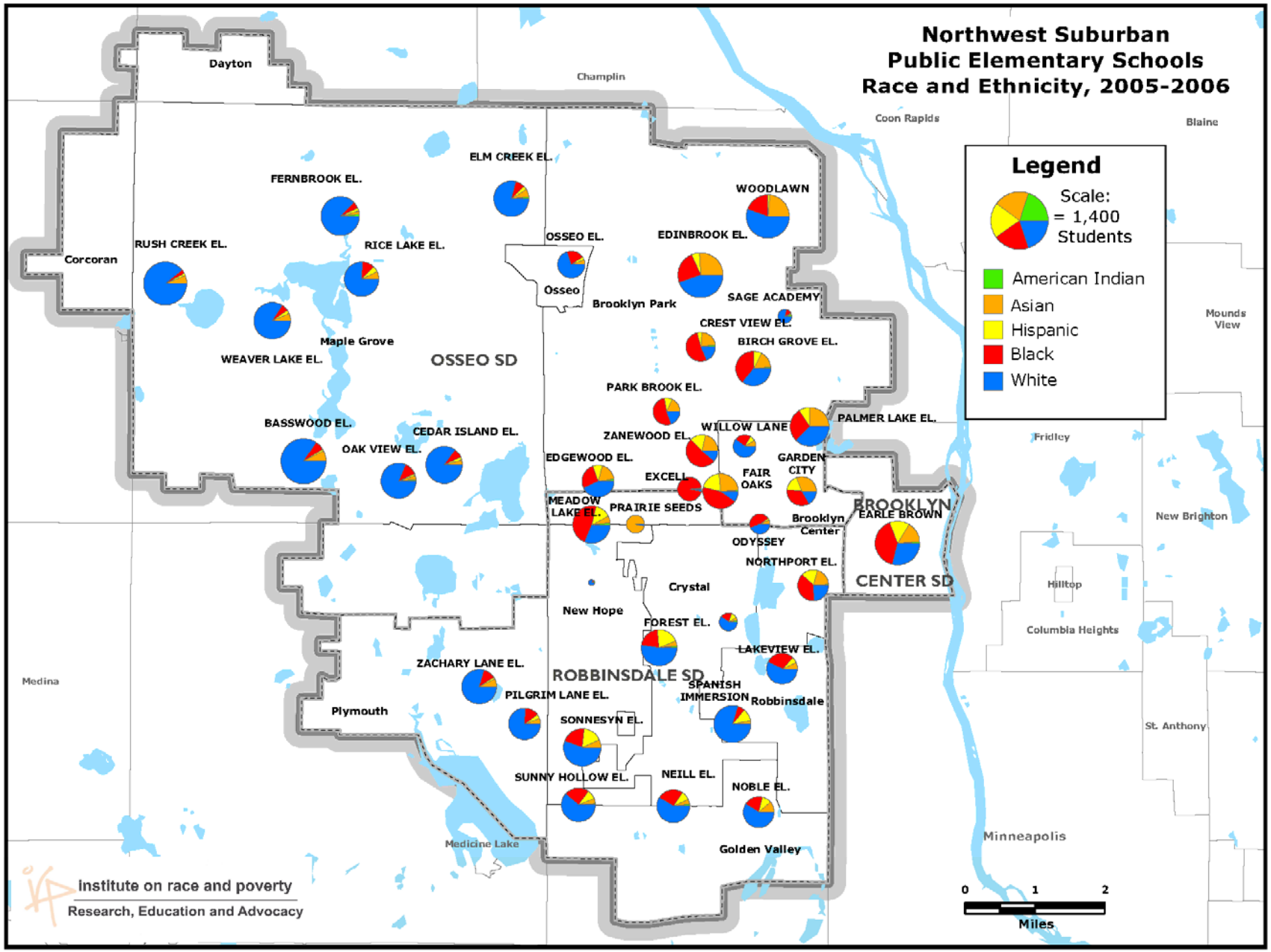

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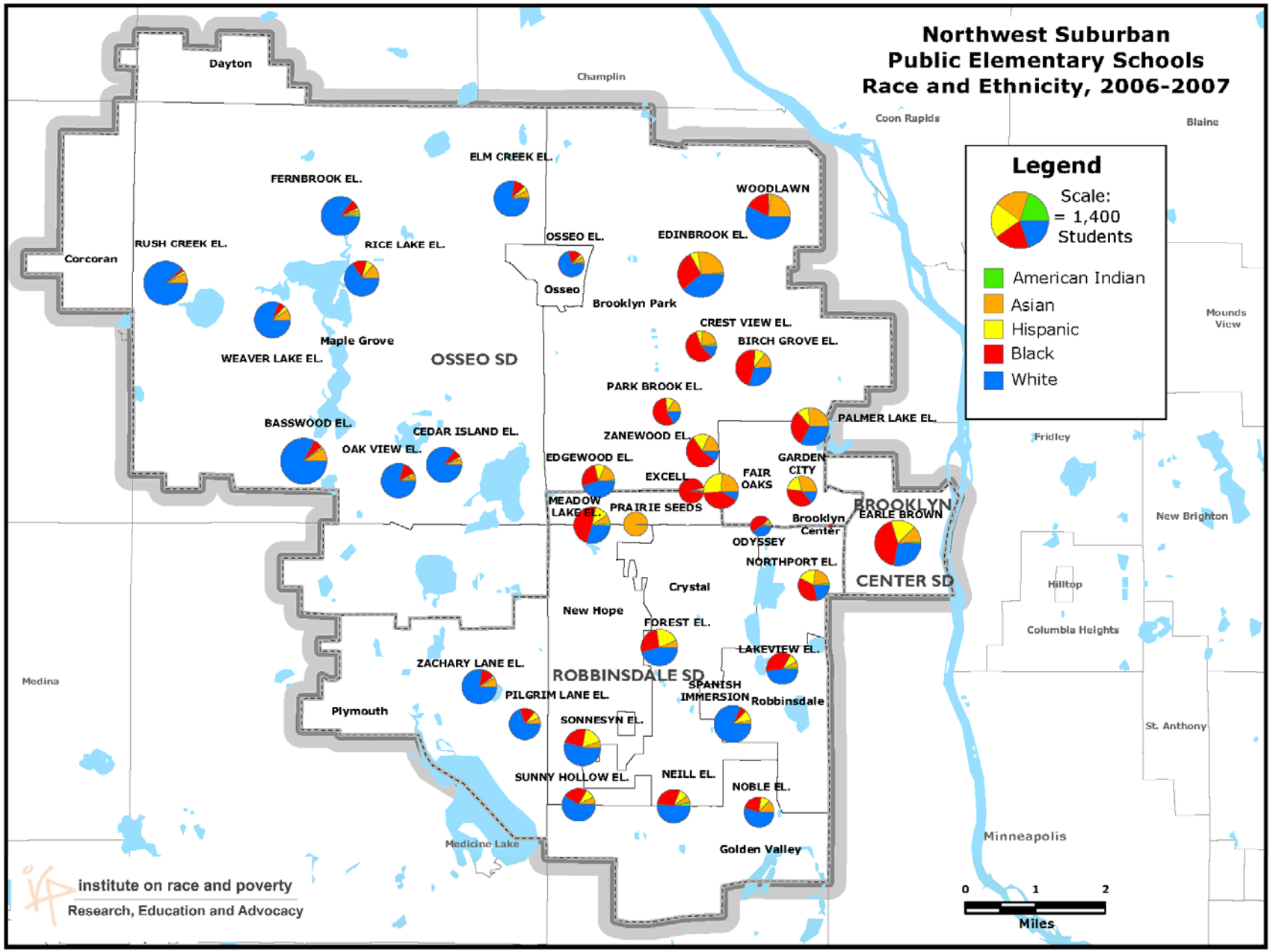

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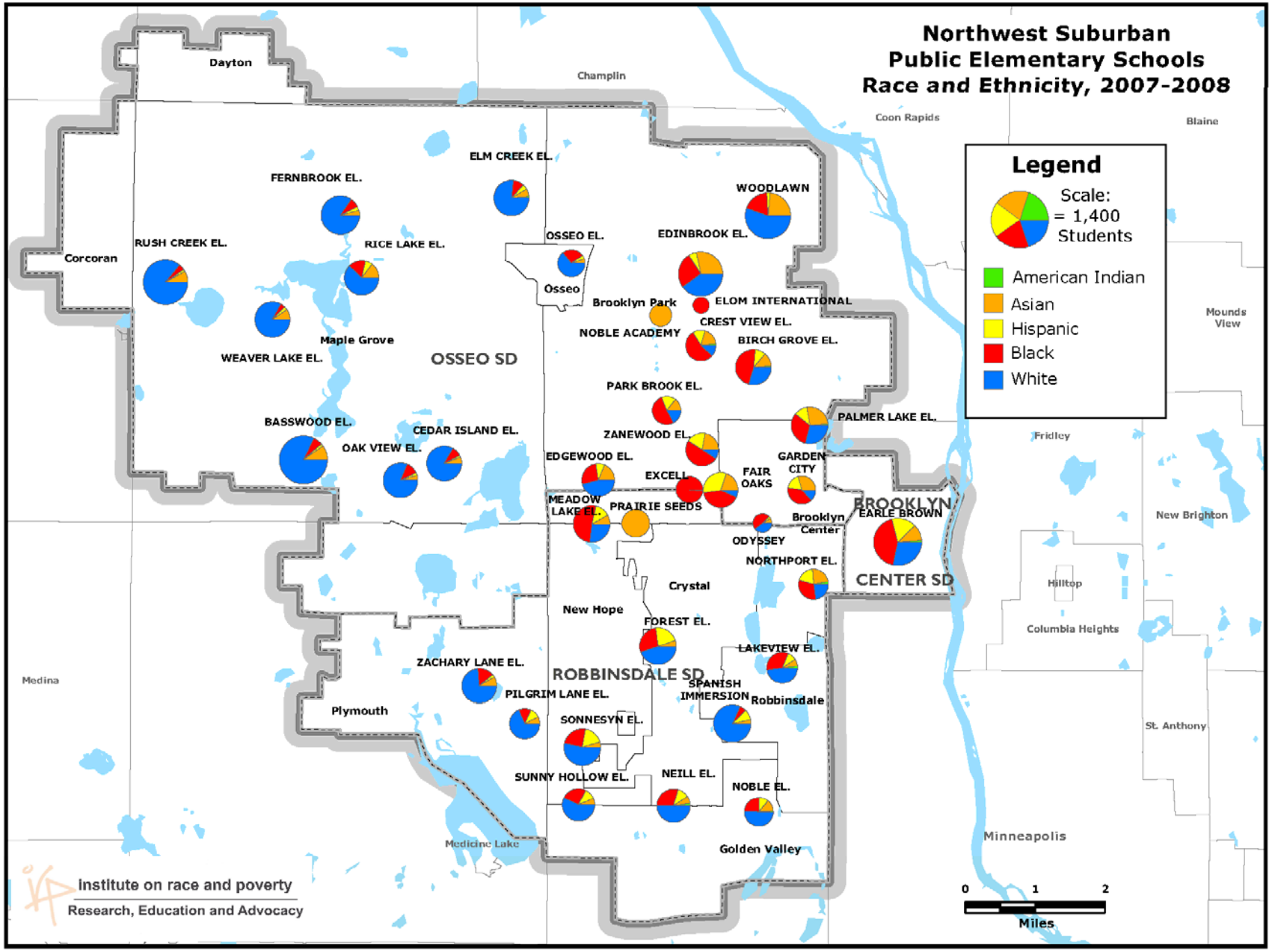

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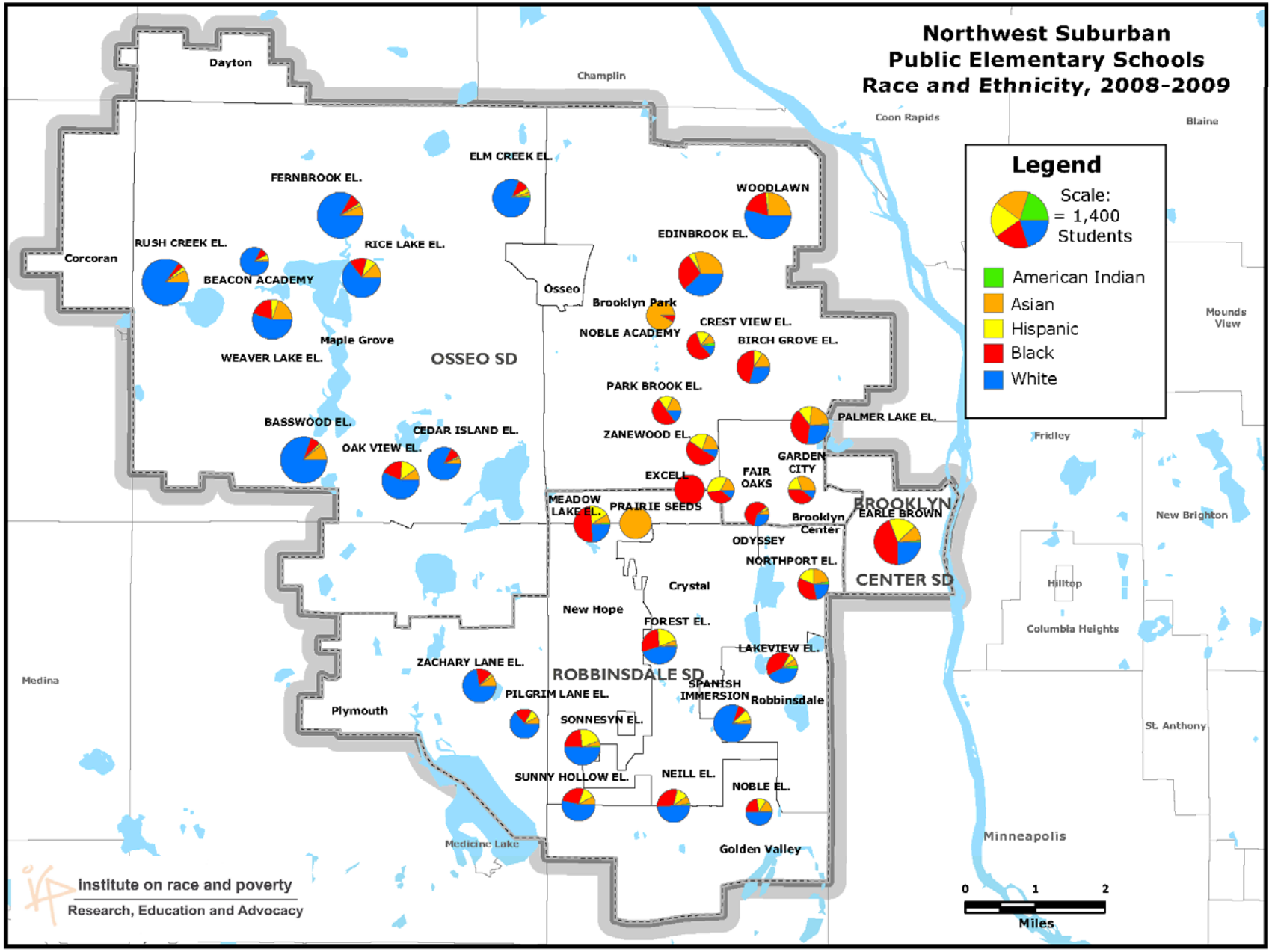

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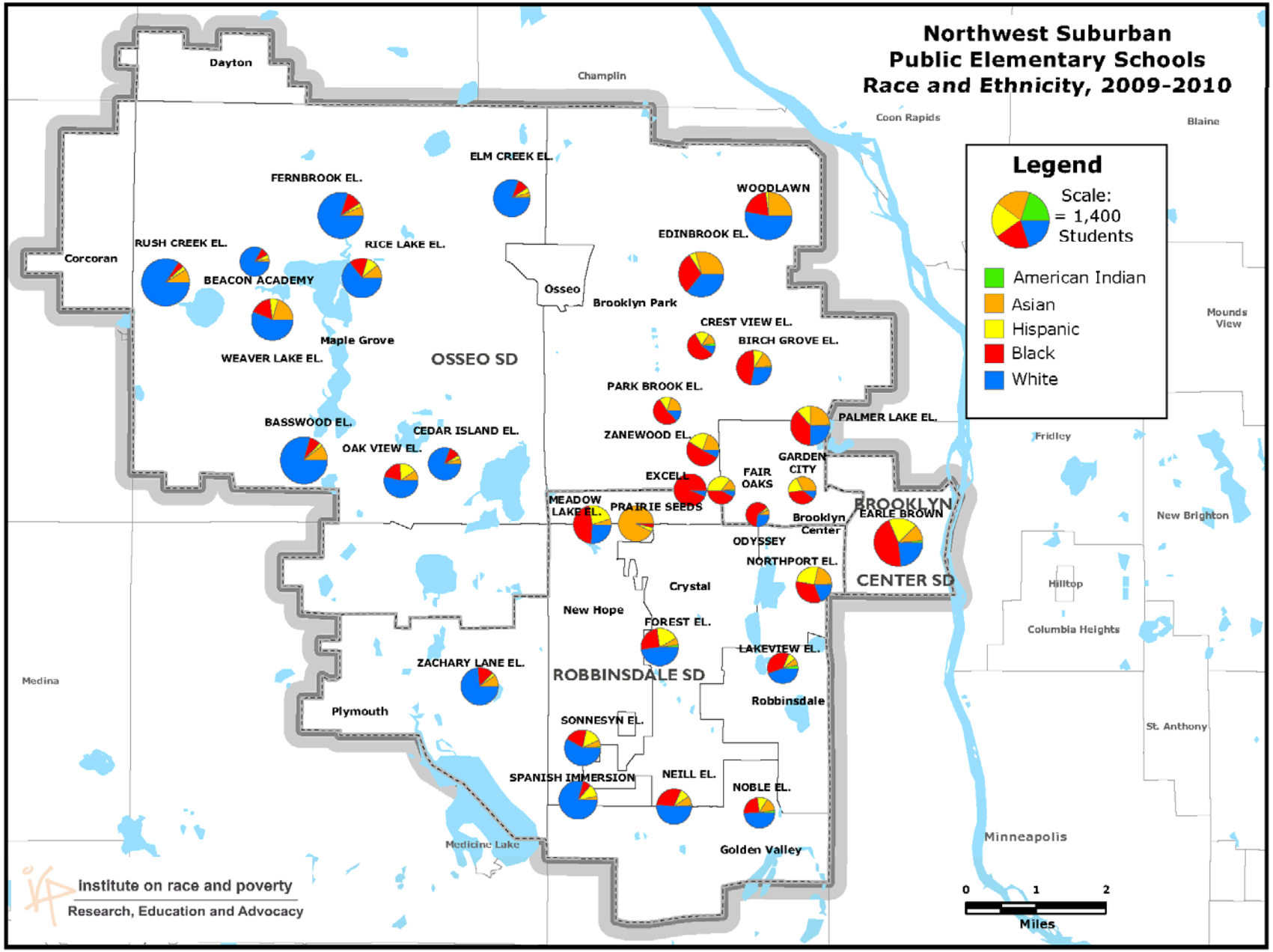

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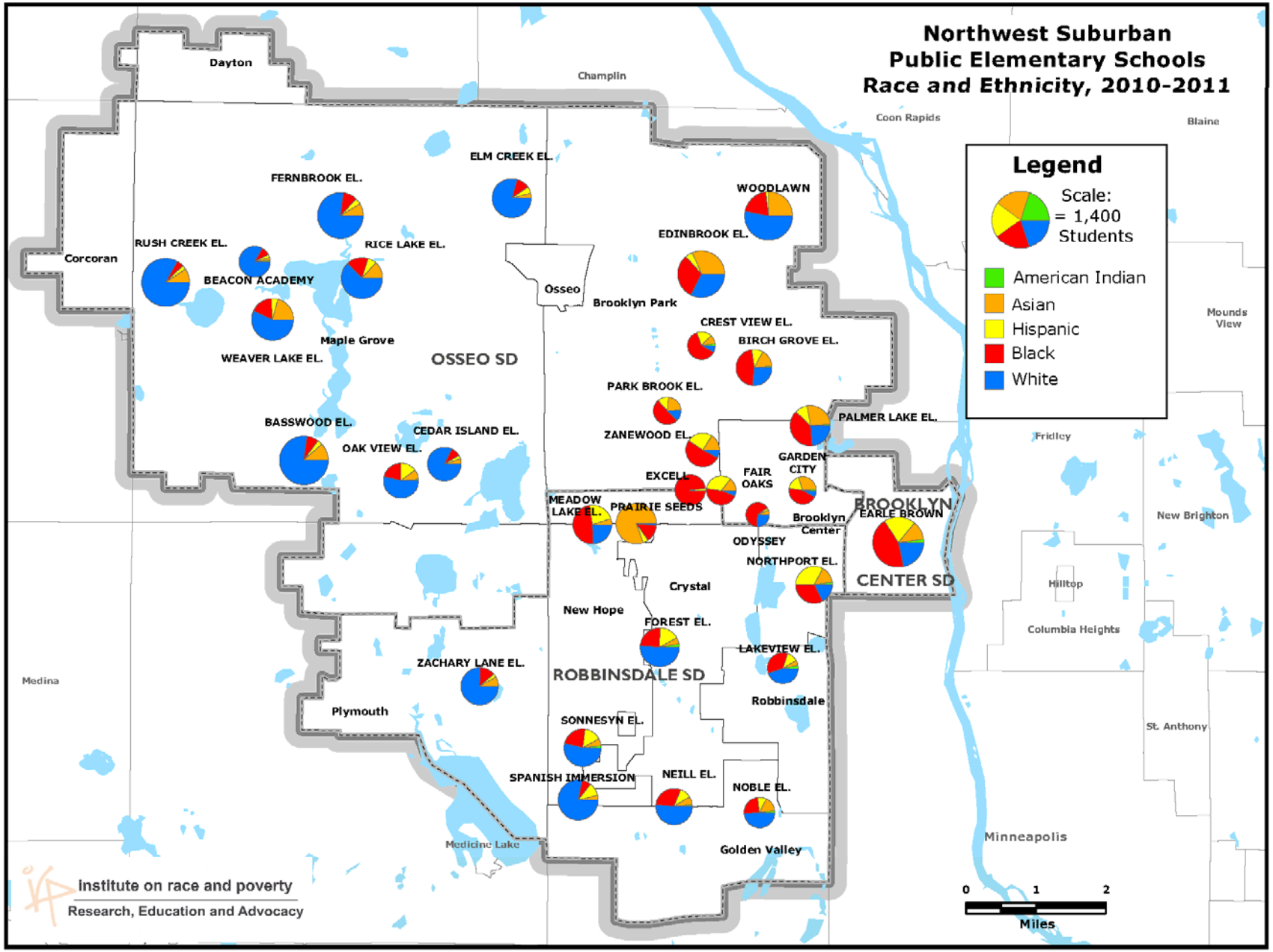
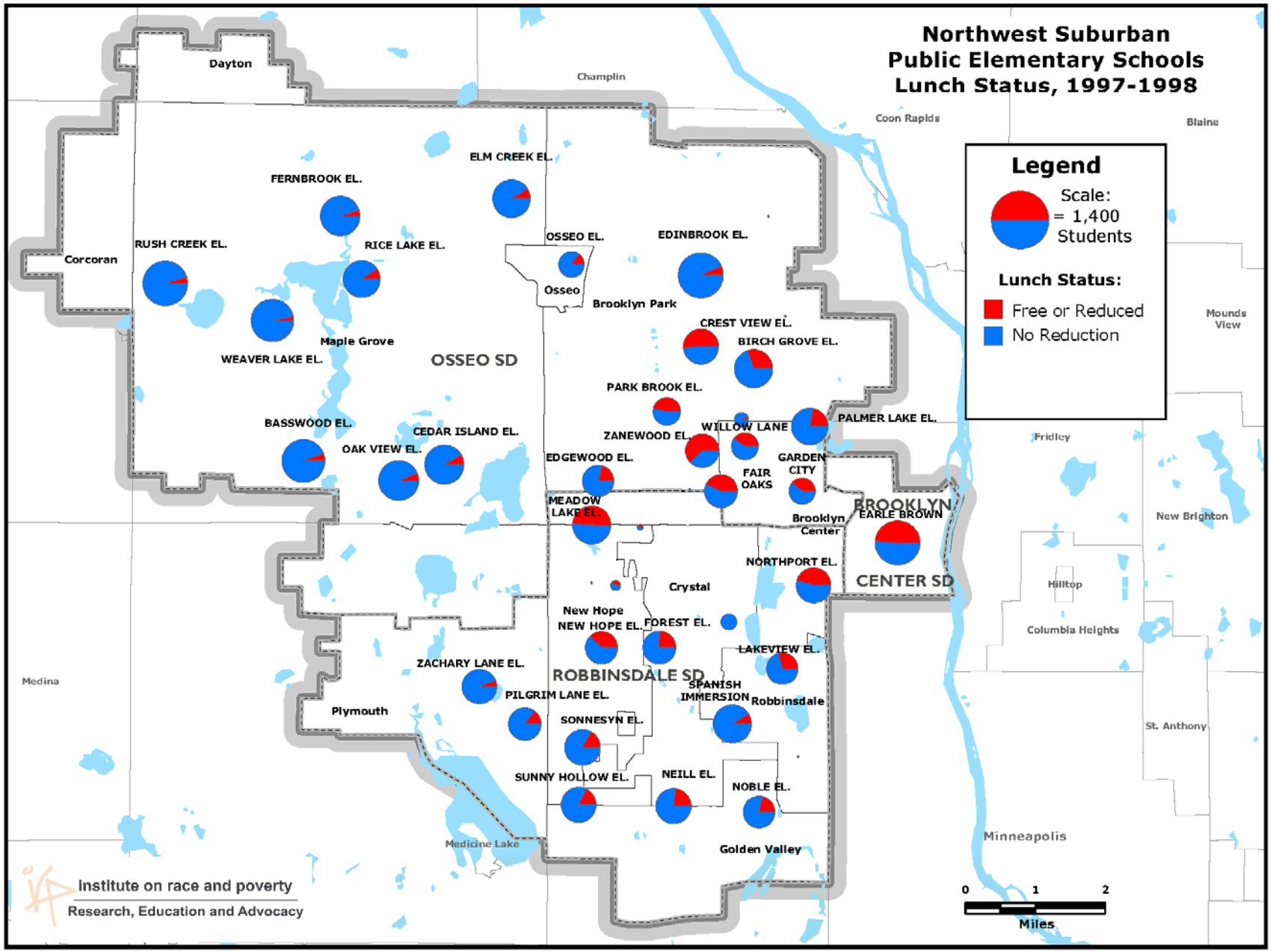


Data Source: Minnesota Department of Education.

Northwest Suburbs
Free Lunch Eligibility



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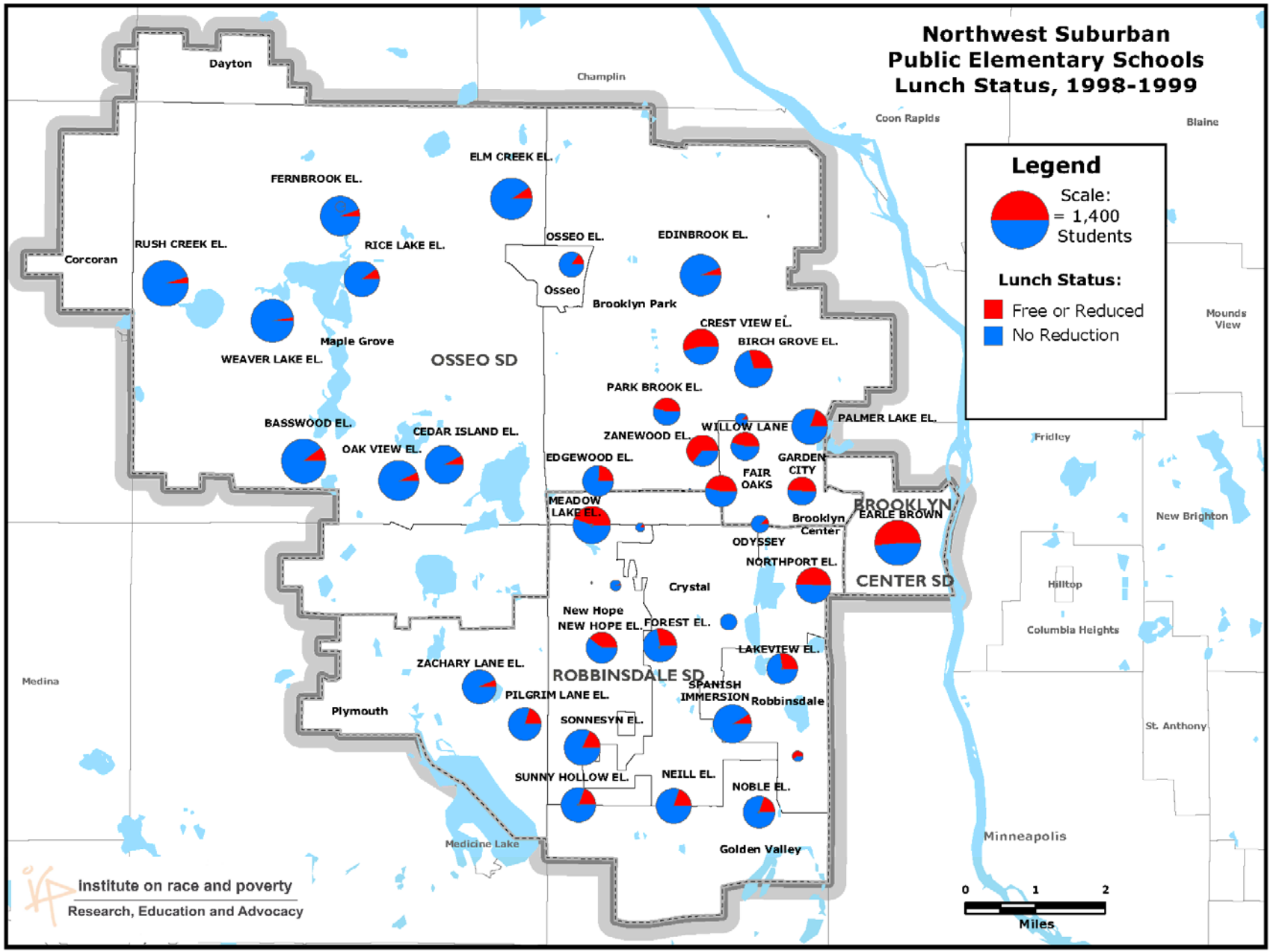

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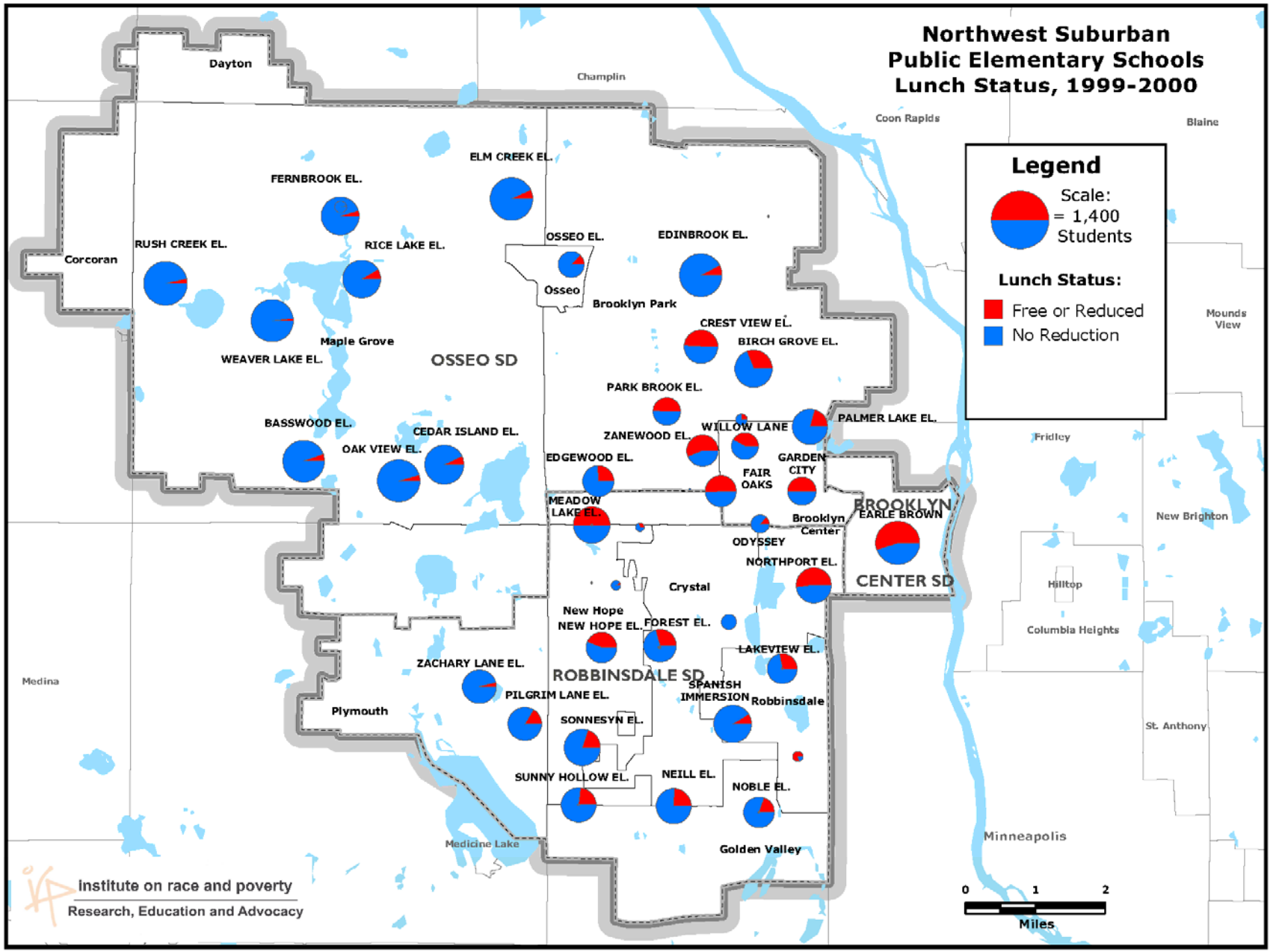

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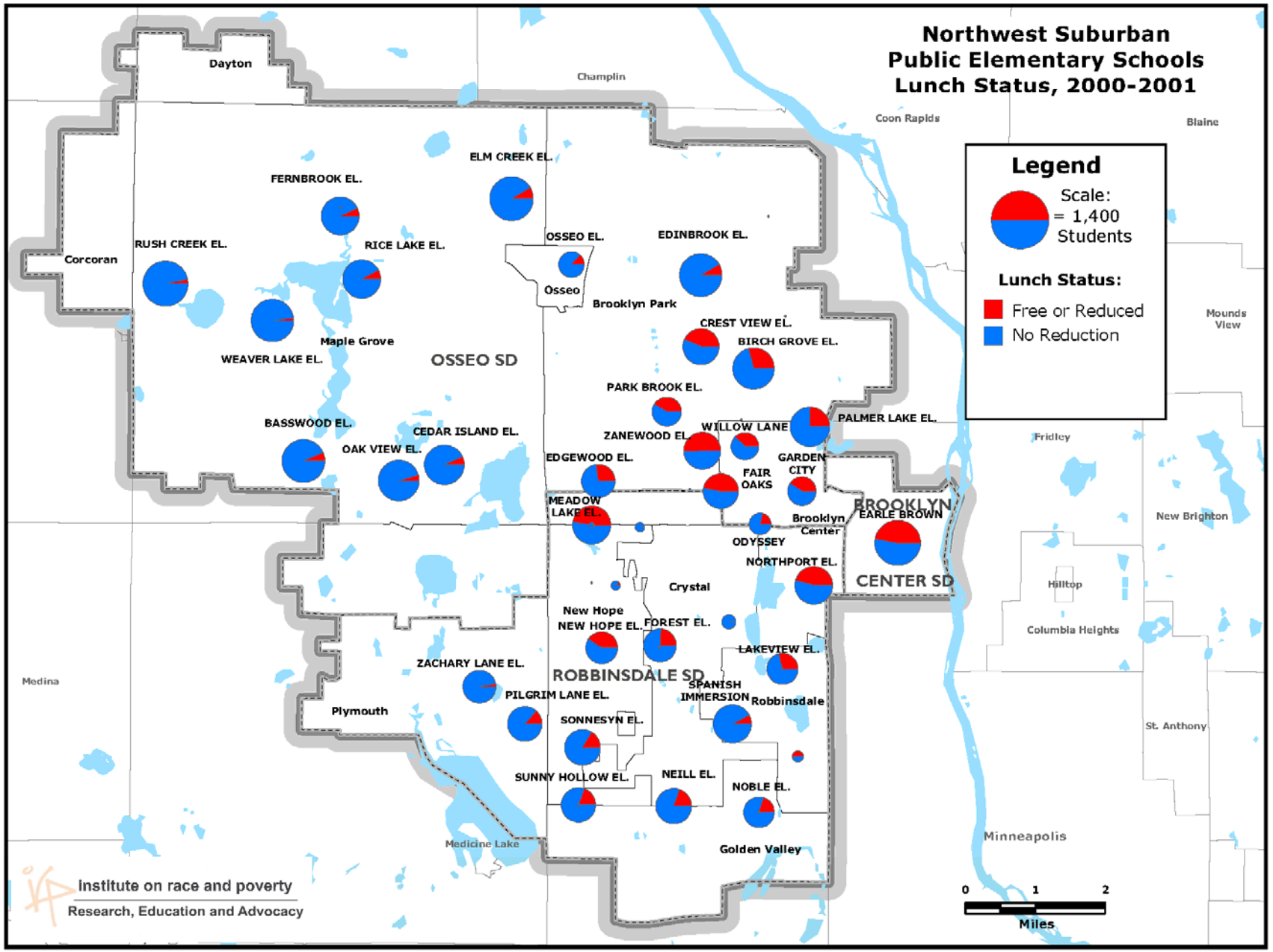

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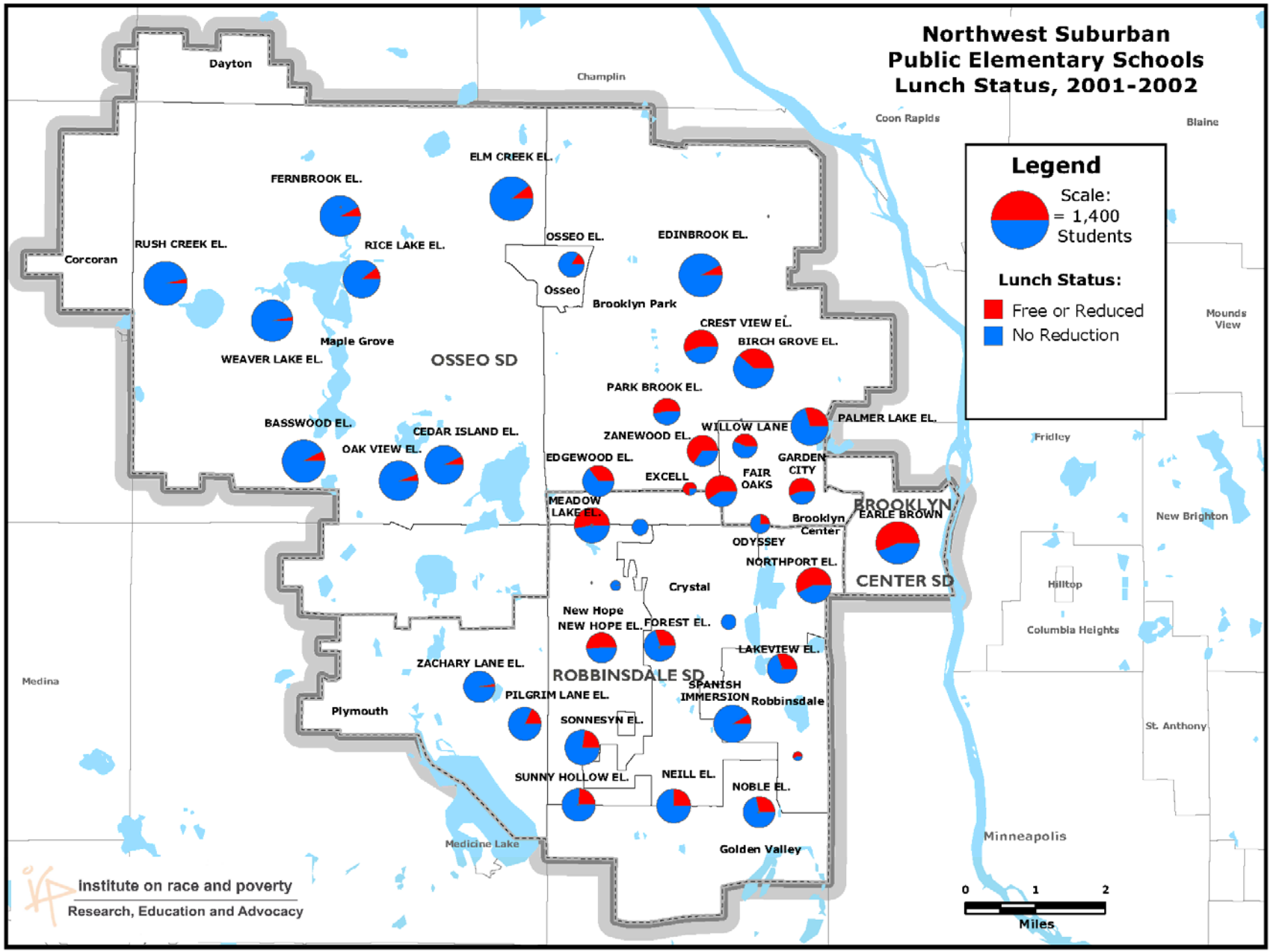

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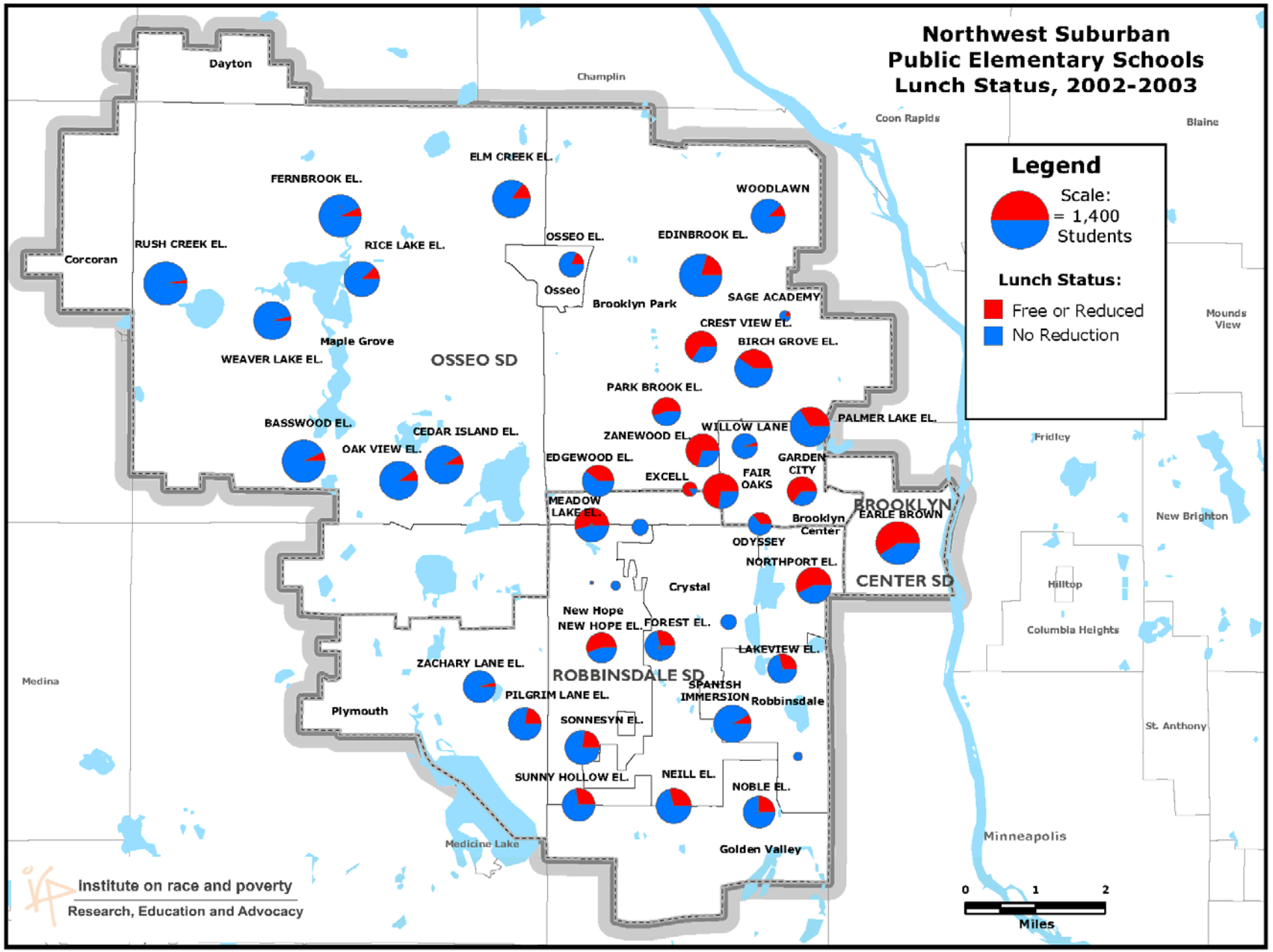

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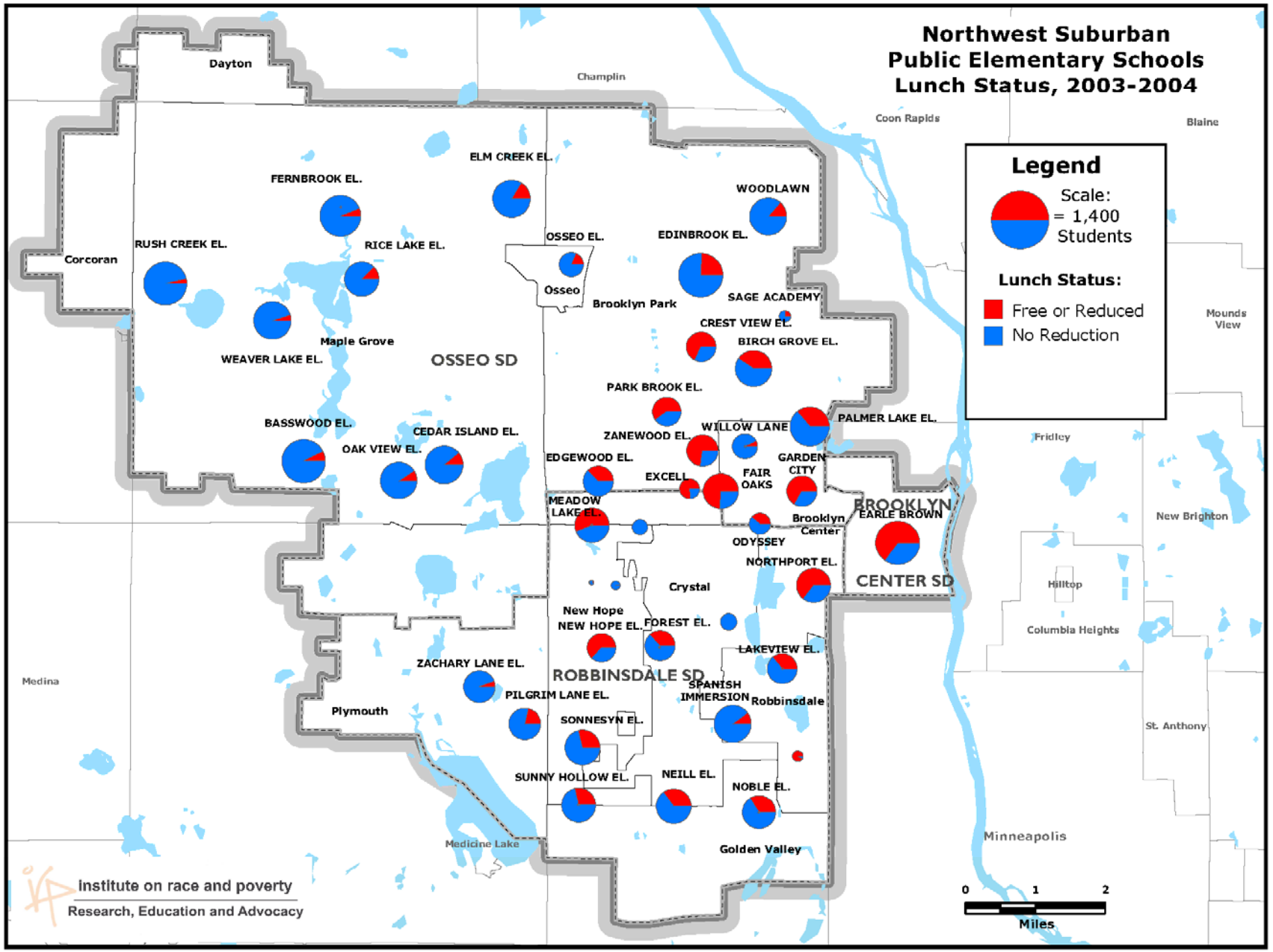

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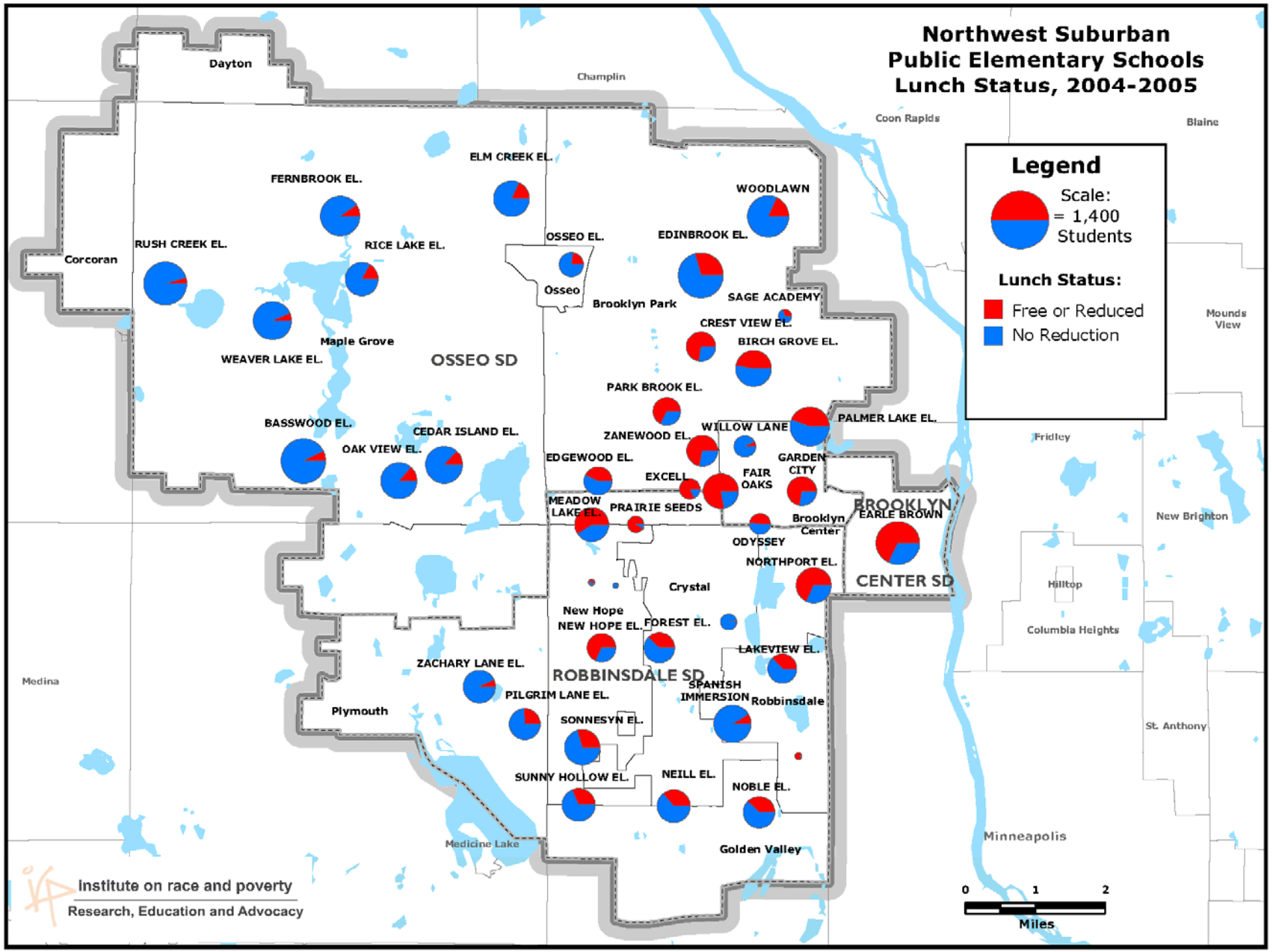

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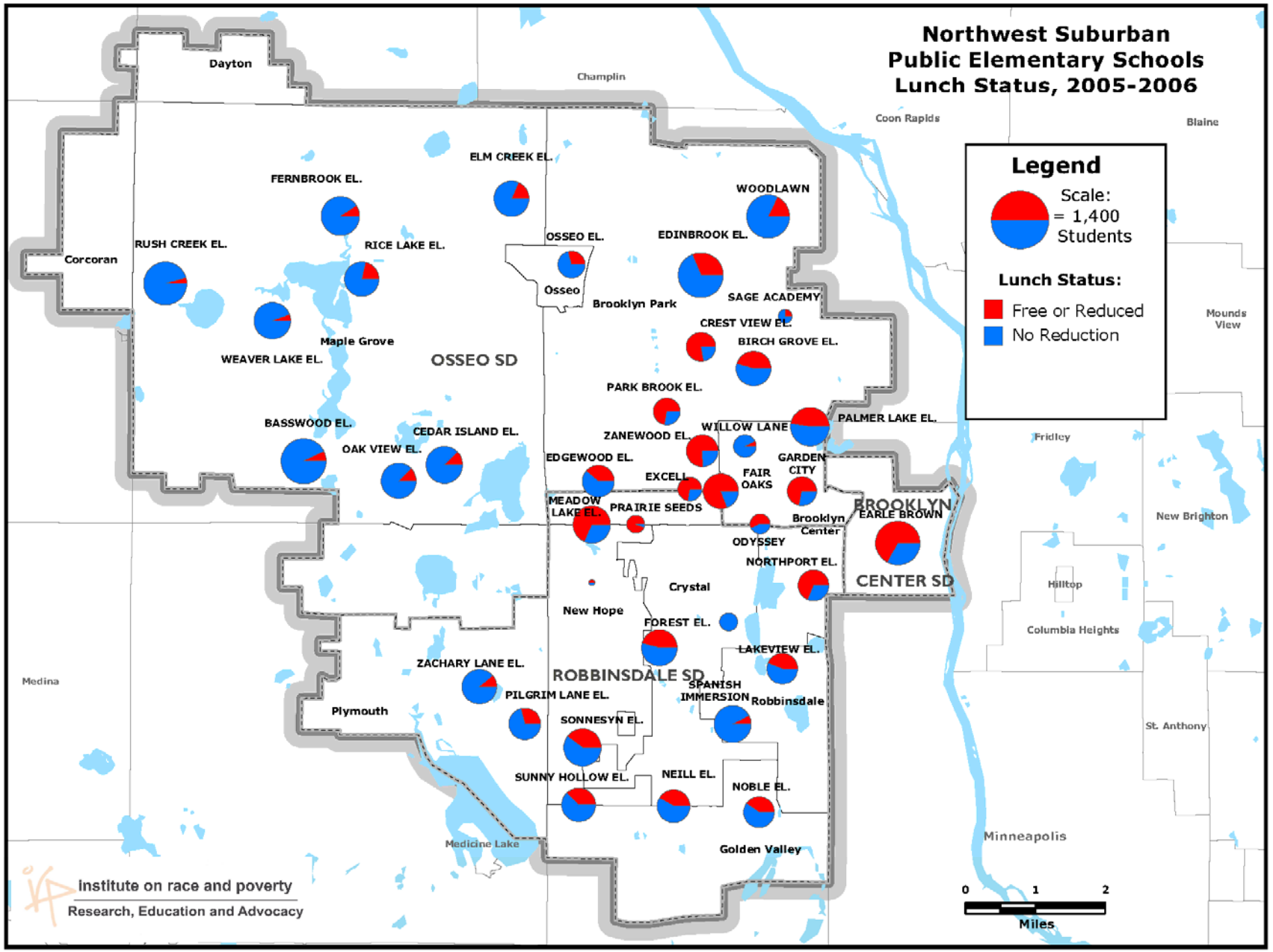

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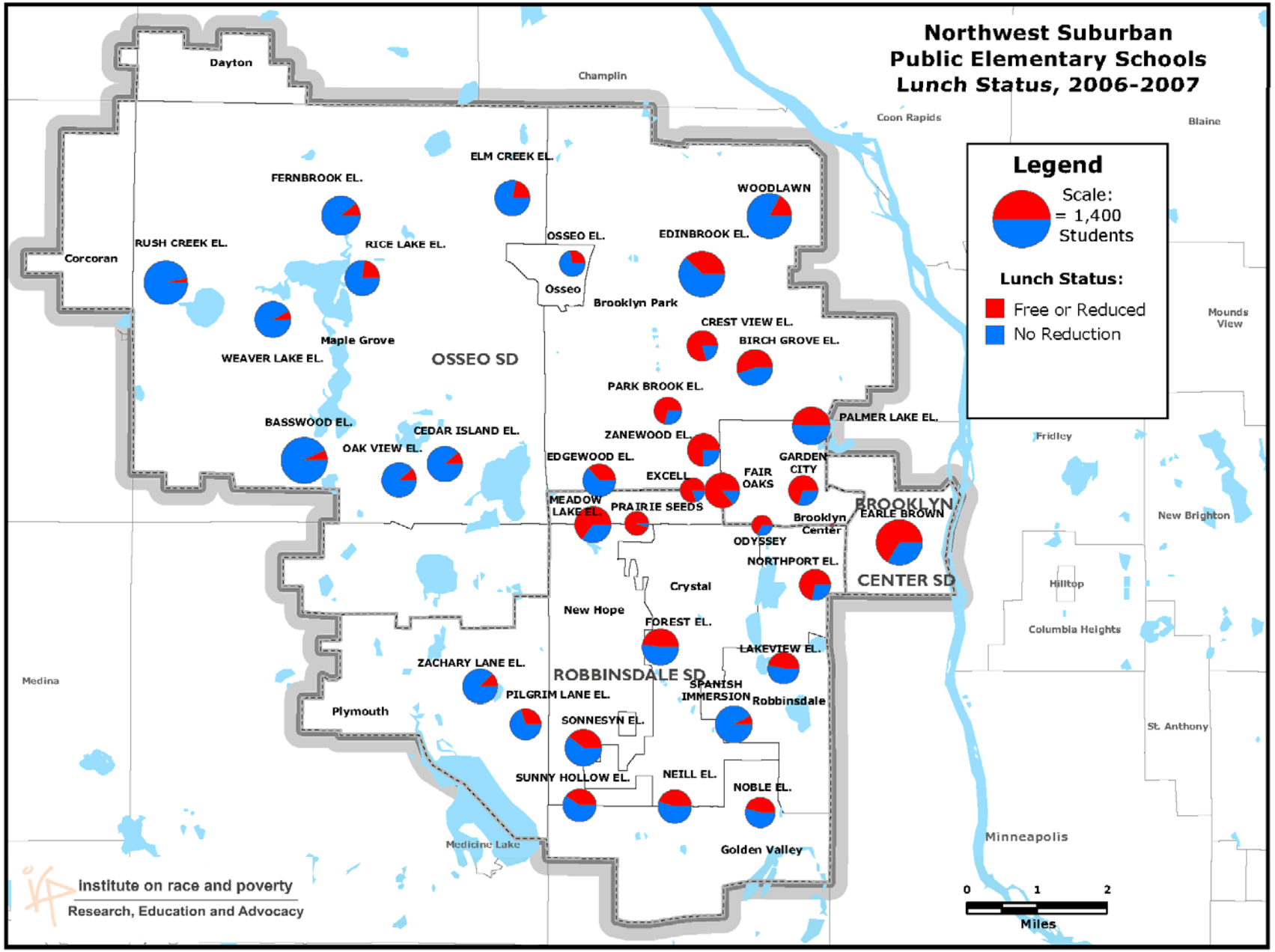

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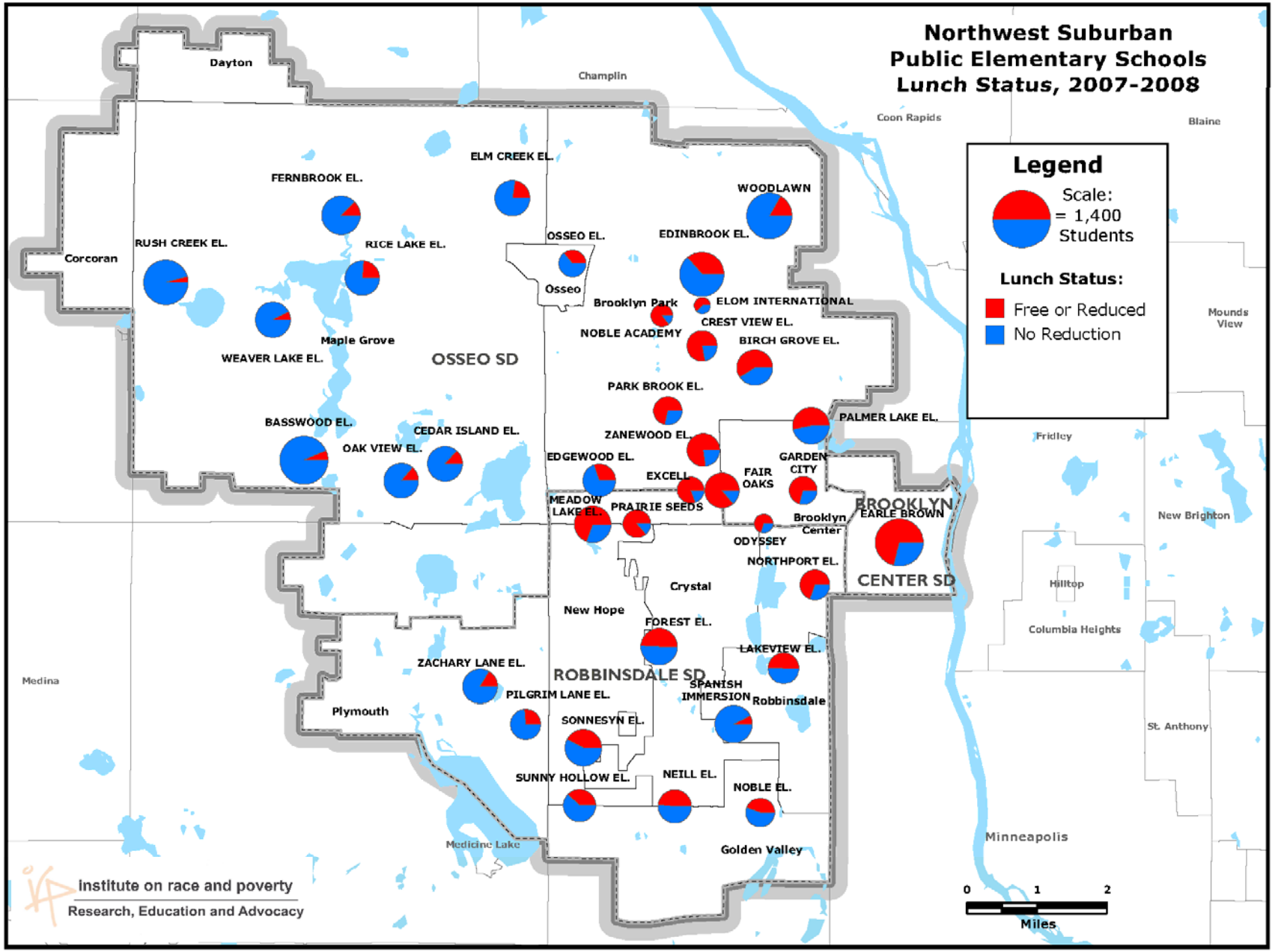

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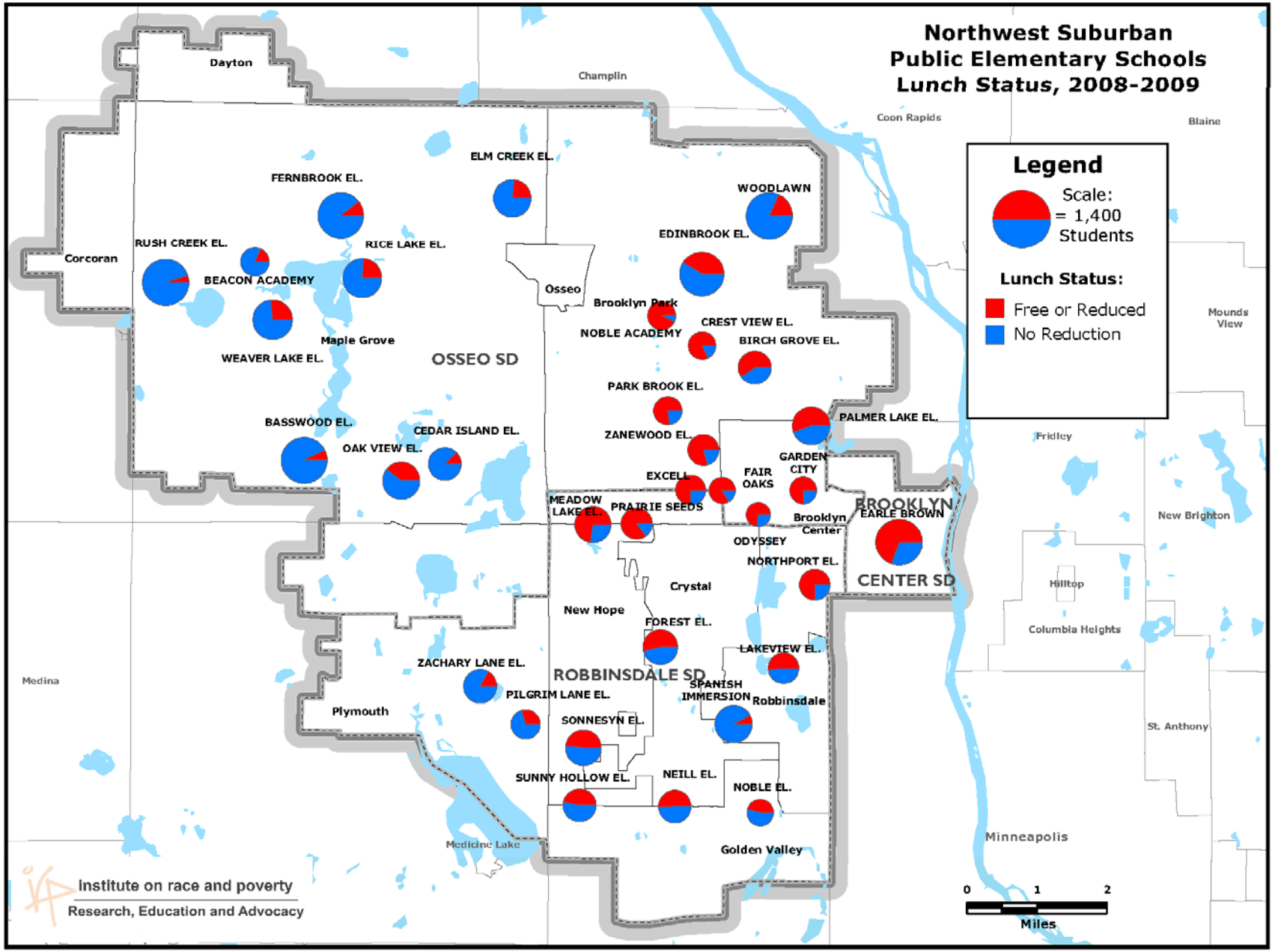

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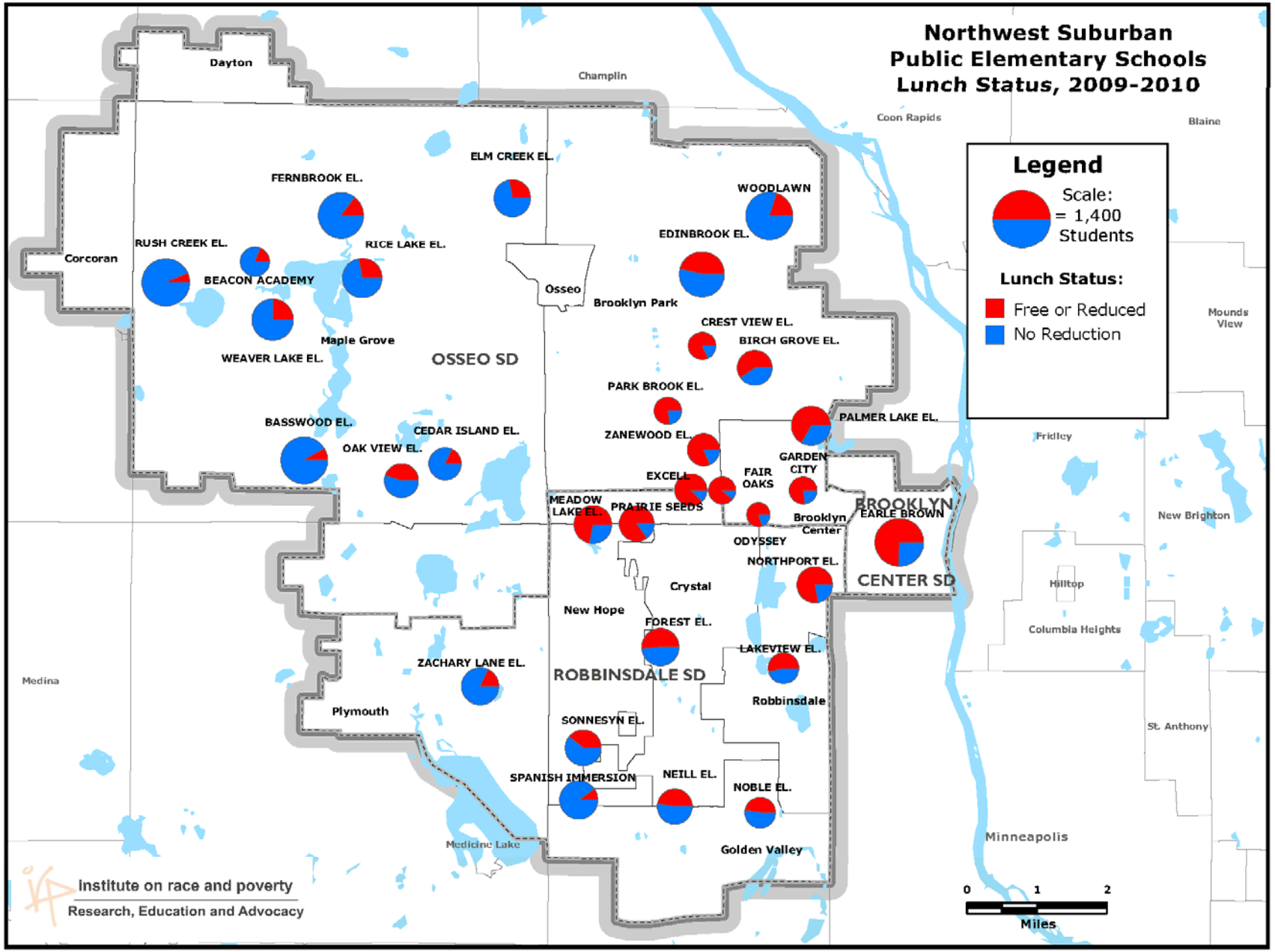

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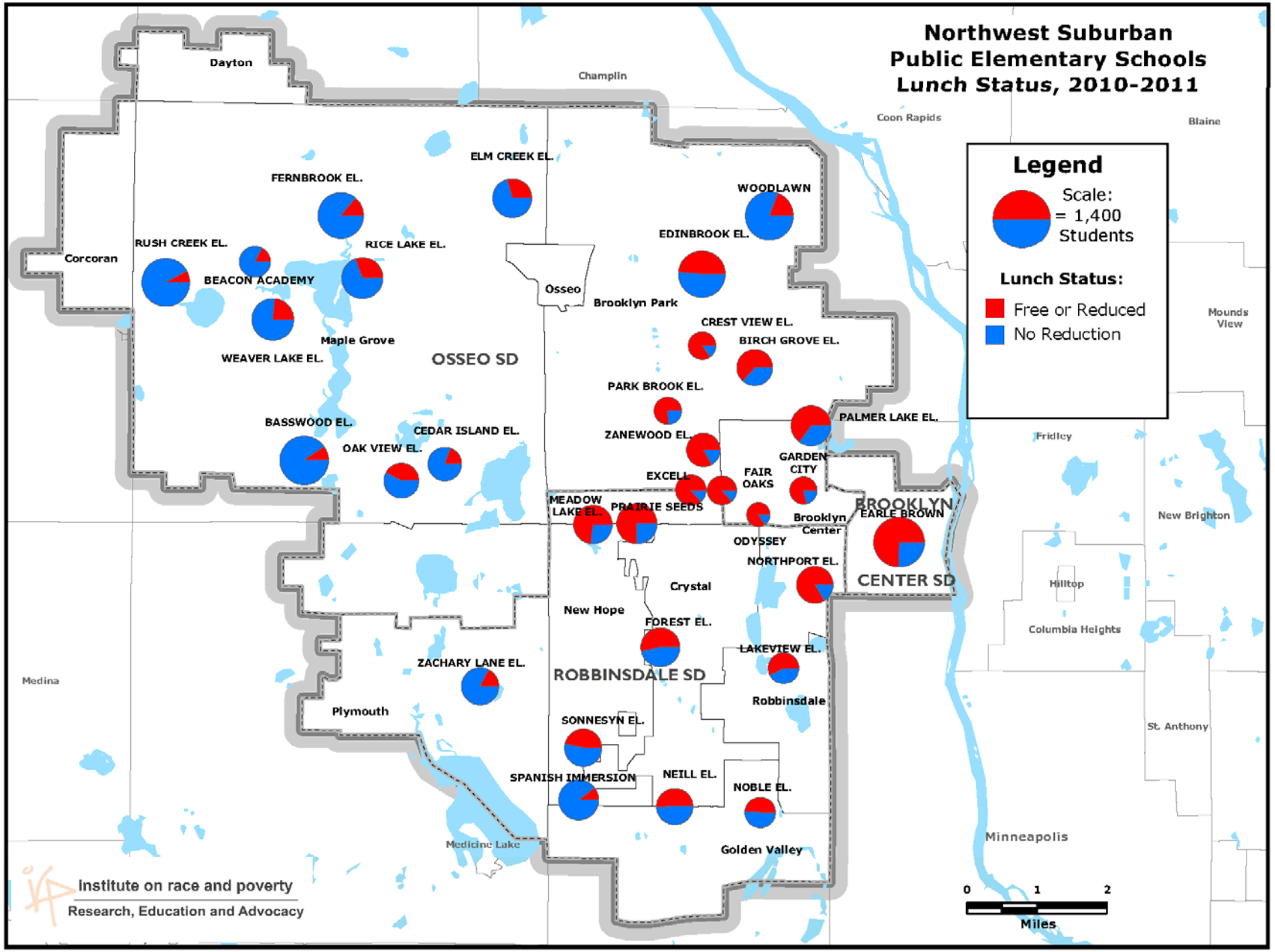


Data Source: Minnesota Department of Education.

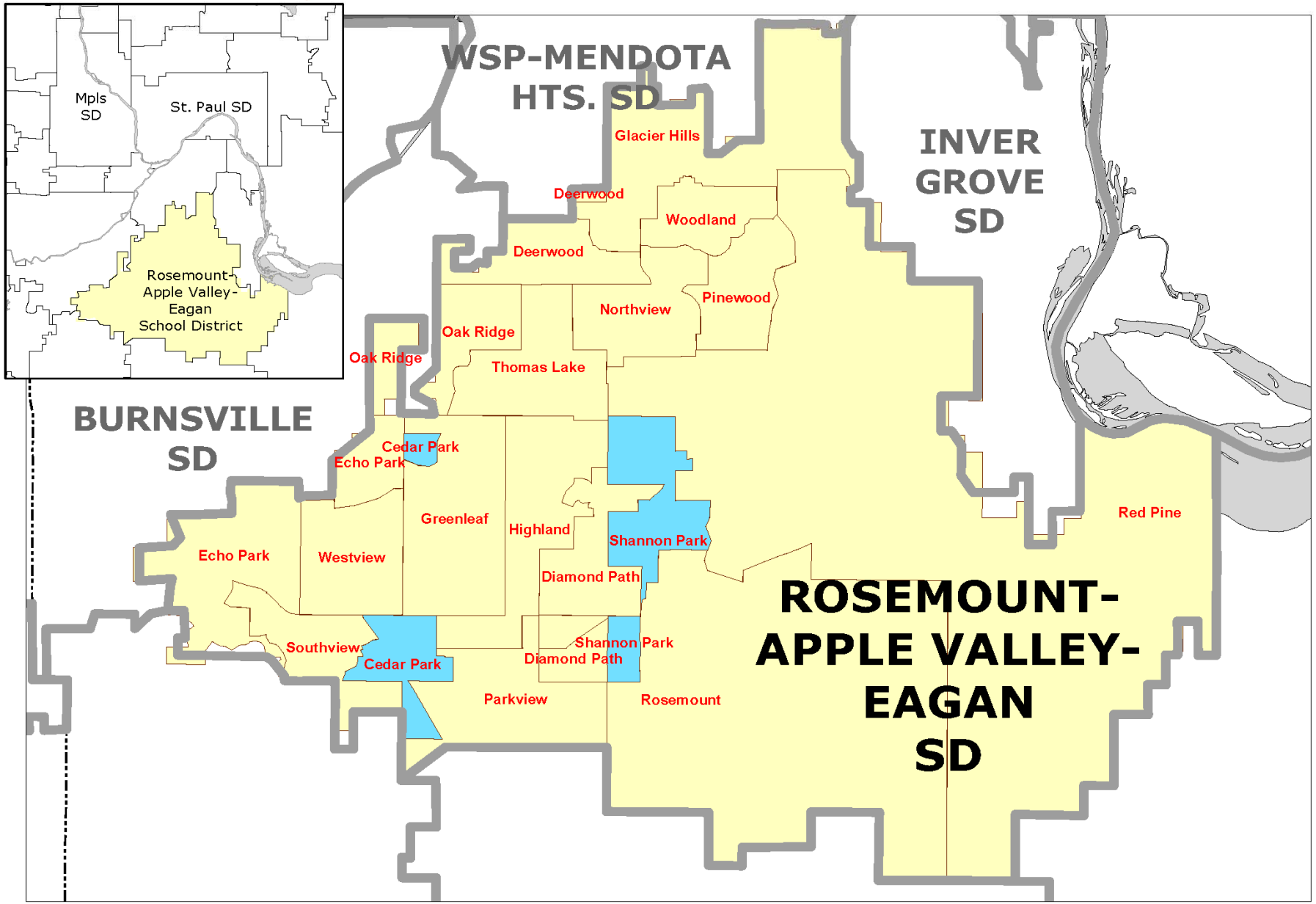
School Boundaries and Race

institute on race & poverty

Research, Education and Advocacy

institute on race and poverty
Research, Education and Advocacy

Attendance boundaries for Elementary Schools in the Rosemount-Apple Valley-Eagan School District



Data Source: ISD 196.

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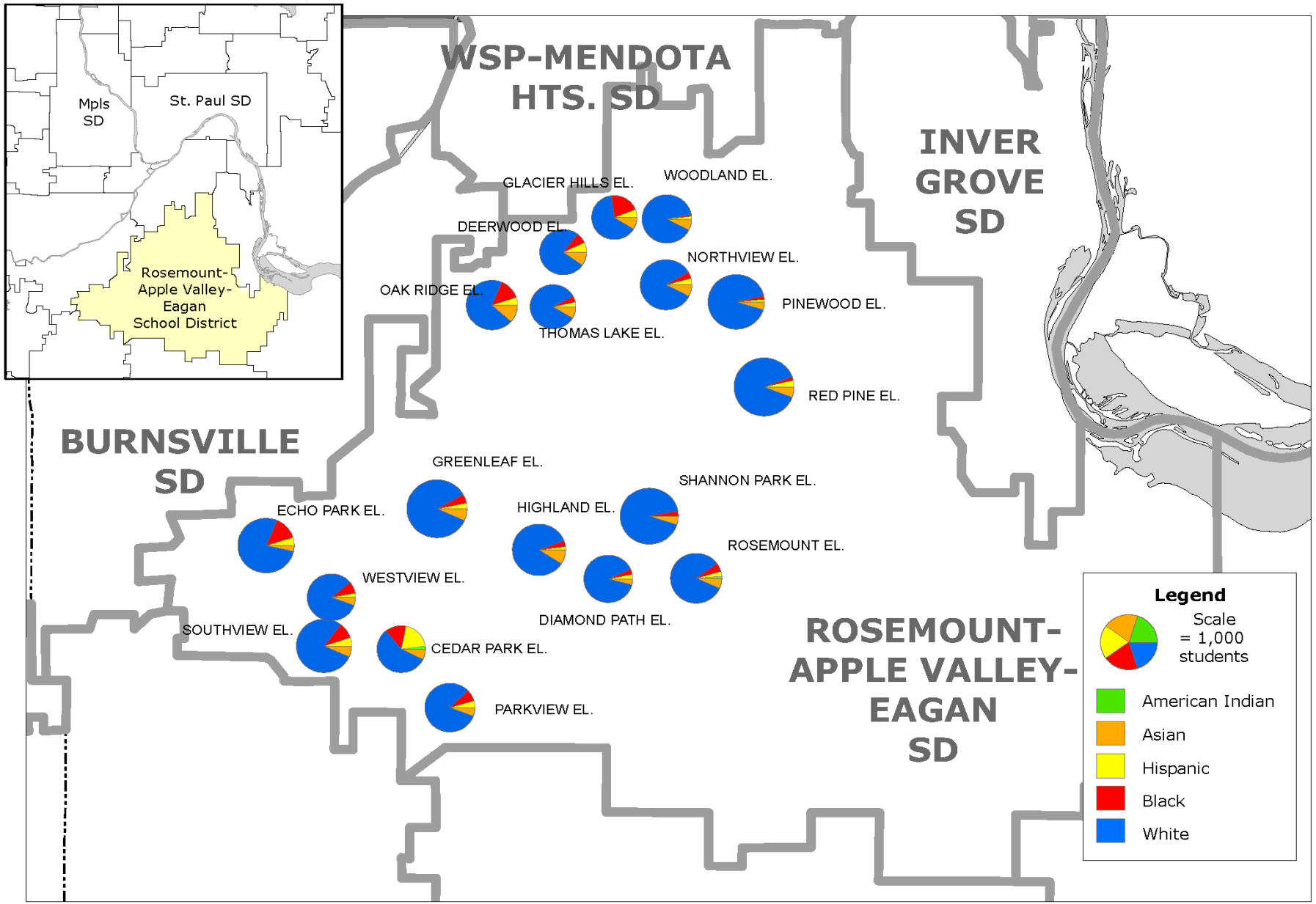
Research, Education and Advocacy

Race Data for Elementary Schools in the Rosemount-Apple Valley-Eagan School District, 2004



Data Source: MN Dept of Ed.

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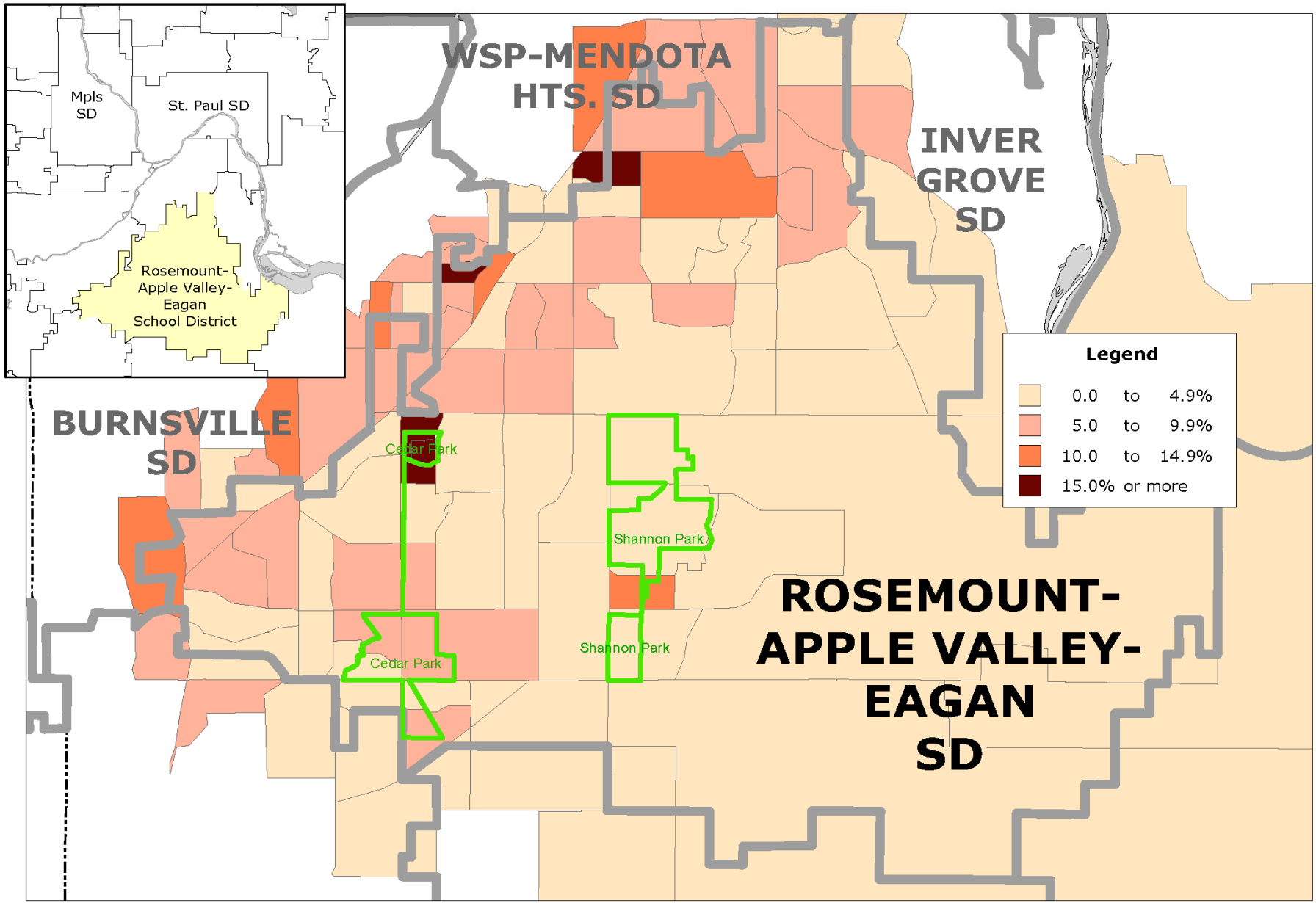
Research, Education and Advocacy

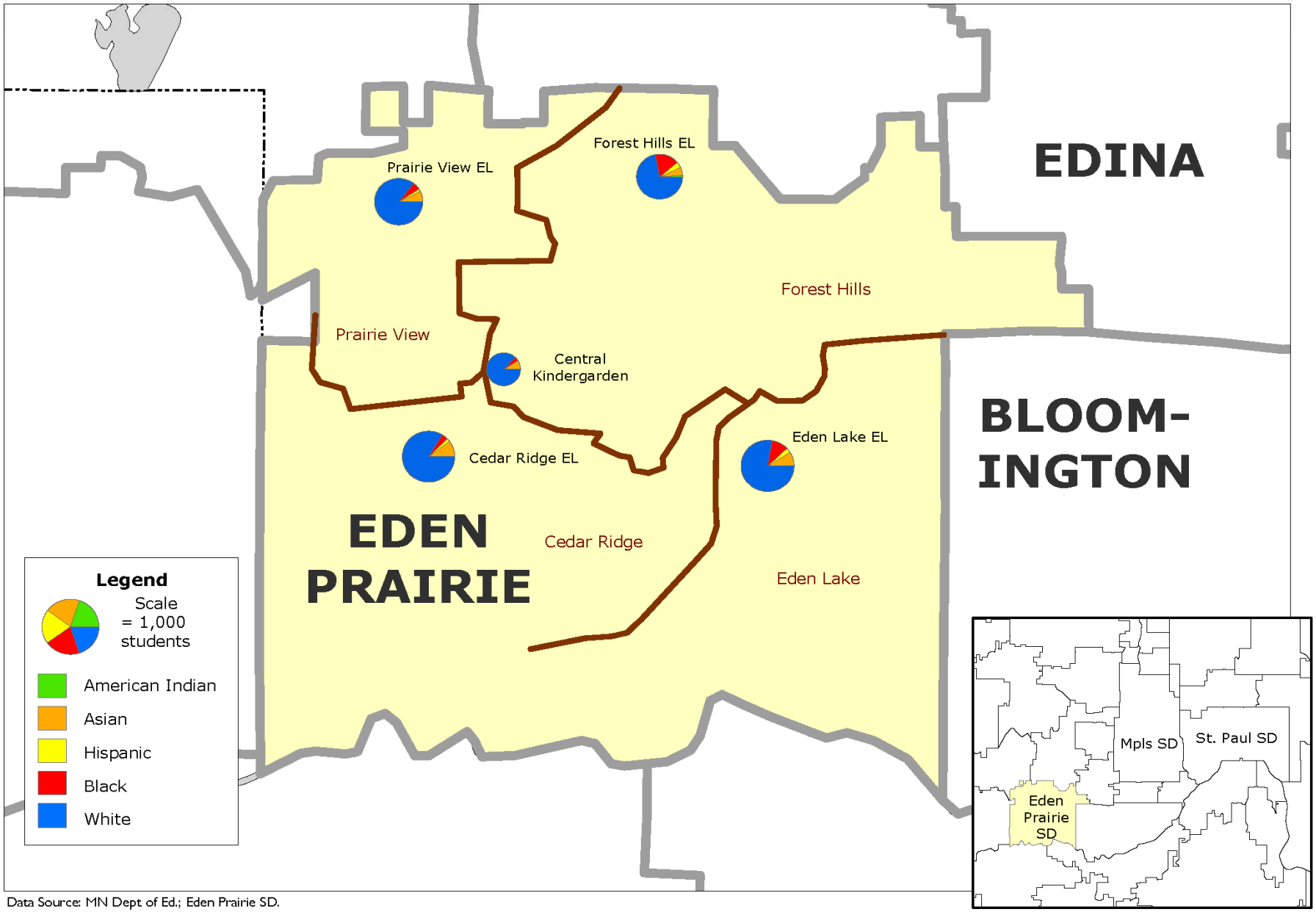
Percentage of Non-Asian Minority Population for Block Groups in the Rosemount-Apple Valley-Eagan School District , 2000



Data Source: U.S. Census Bureau.

institute on race and poverty
Research, Education and Advocacy

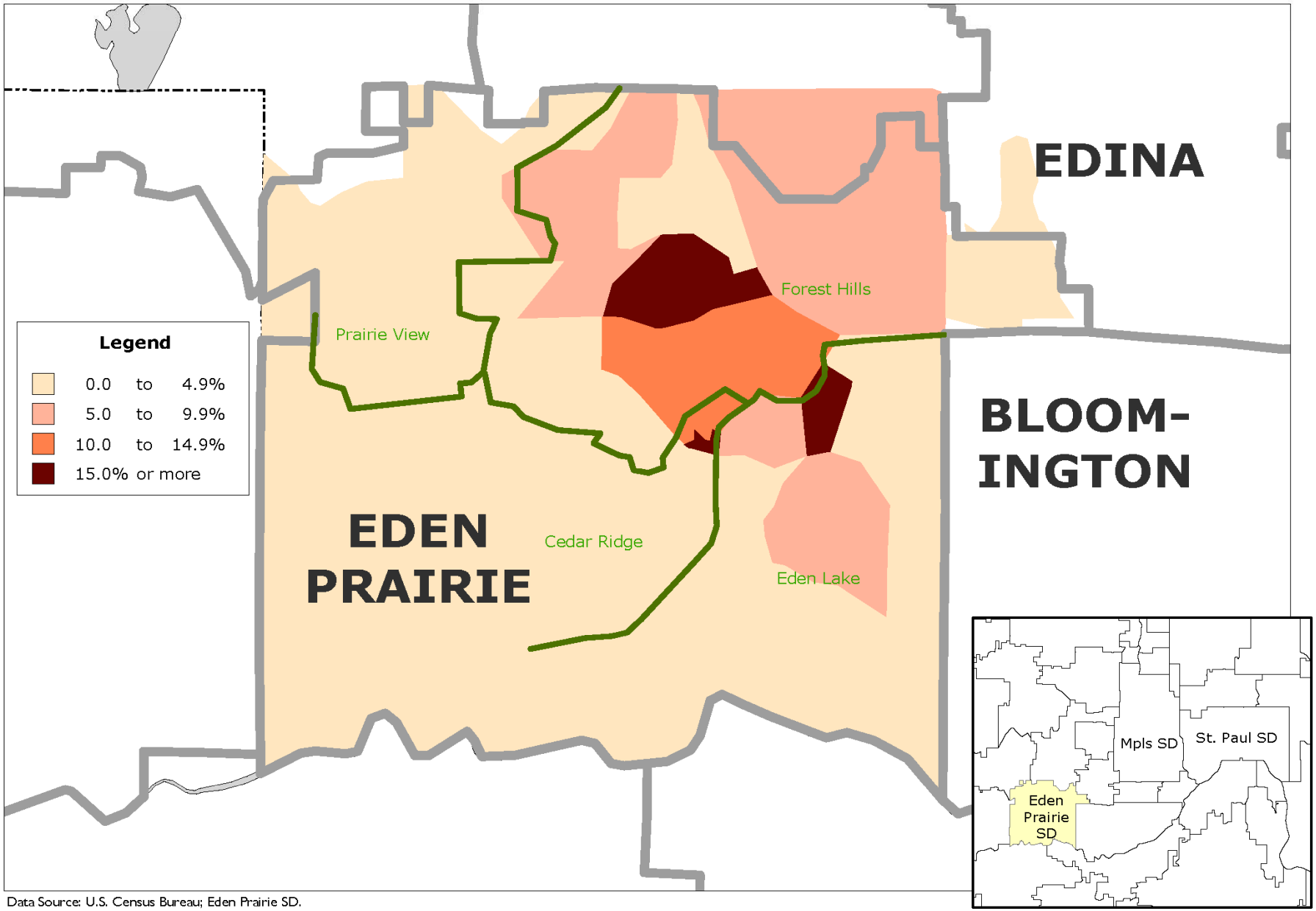
Attendance boundaries for Elementary Schools in the Eden Prairie School District - with race breakdowns for elementary schools, 2004



Data Source: MN Dept of Ed.; Eden Prairie SD.

institute on race and poverty
Research, Education and Advocacy

Percentage of Non-Asian Minority Population for Block Groups in the Eden Prairie School District , 2000 (attendance districts overlayed)

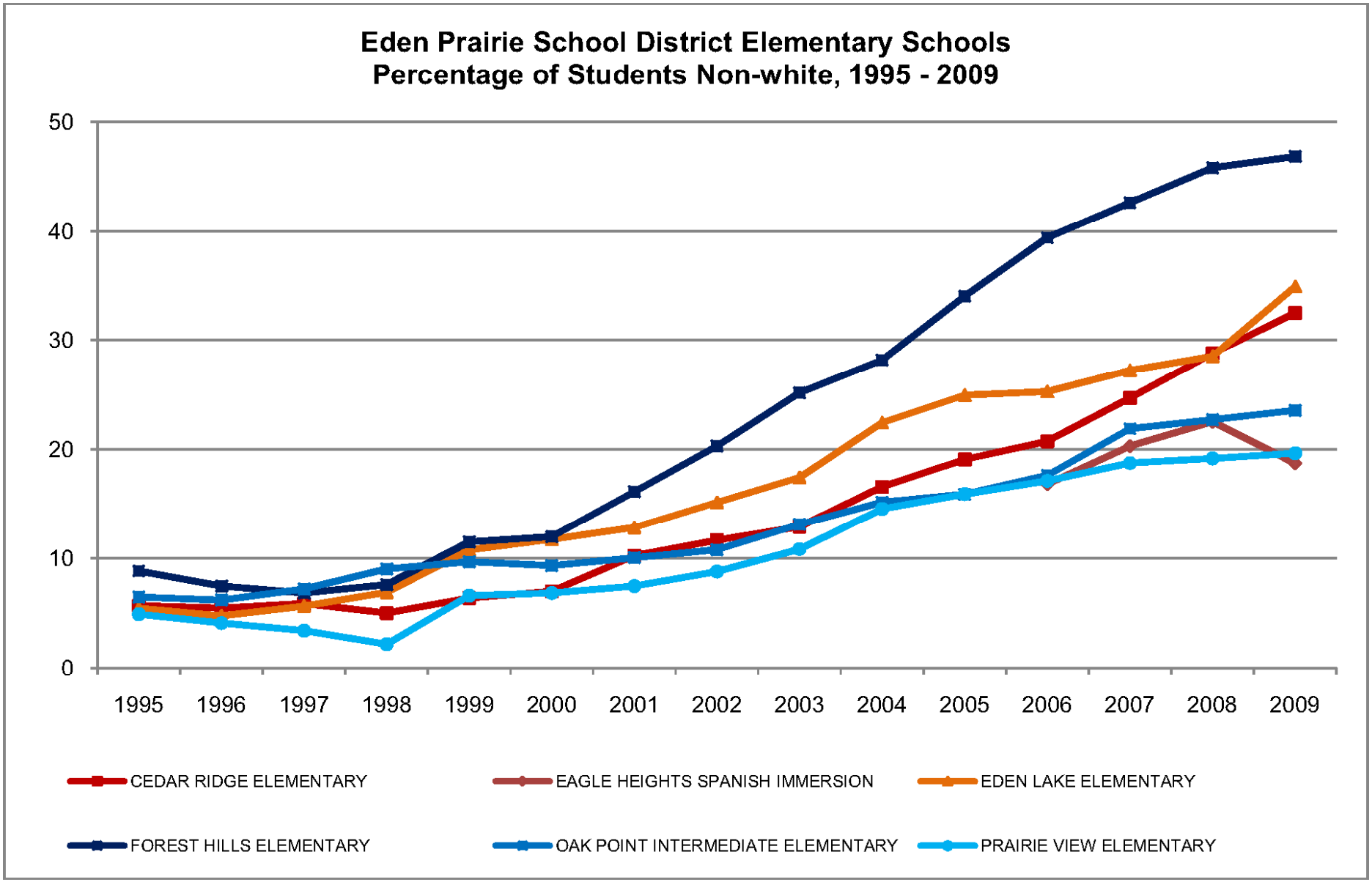


Data Source: U.S. Census Bureau; Eden Prairie SD.

Eden Prairie and Surrounding Area

Race and Ethnicity

1995-2010


Eden Prairie School District Elementary Schools
Percentage of Students Non-white, 1995 - 2009
50
40
30
20
10
0
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
CEDAR RIDGE ELEMENTARY
EAGLE HEIGHTS SPANISH IMMERSION
EDEN LAKE ELEMENTARY
FOREST HILLS ELEMENTARY
OAK POINT INTERMEDIATE ELEMENTARY
PRAIRIE VIEW ELEMENTARY

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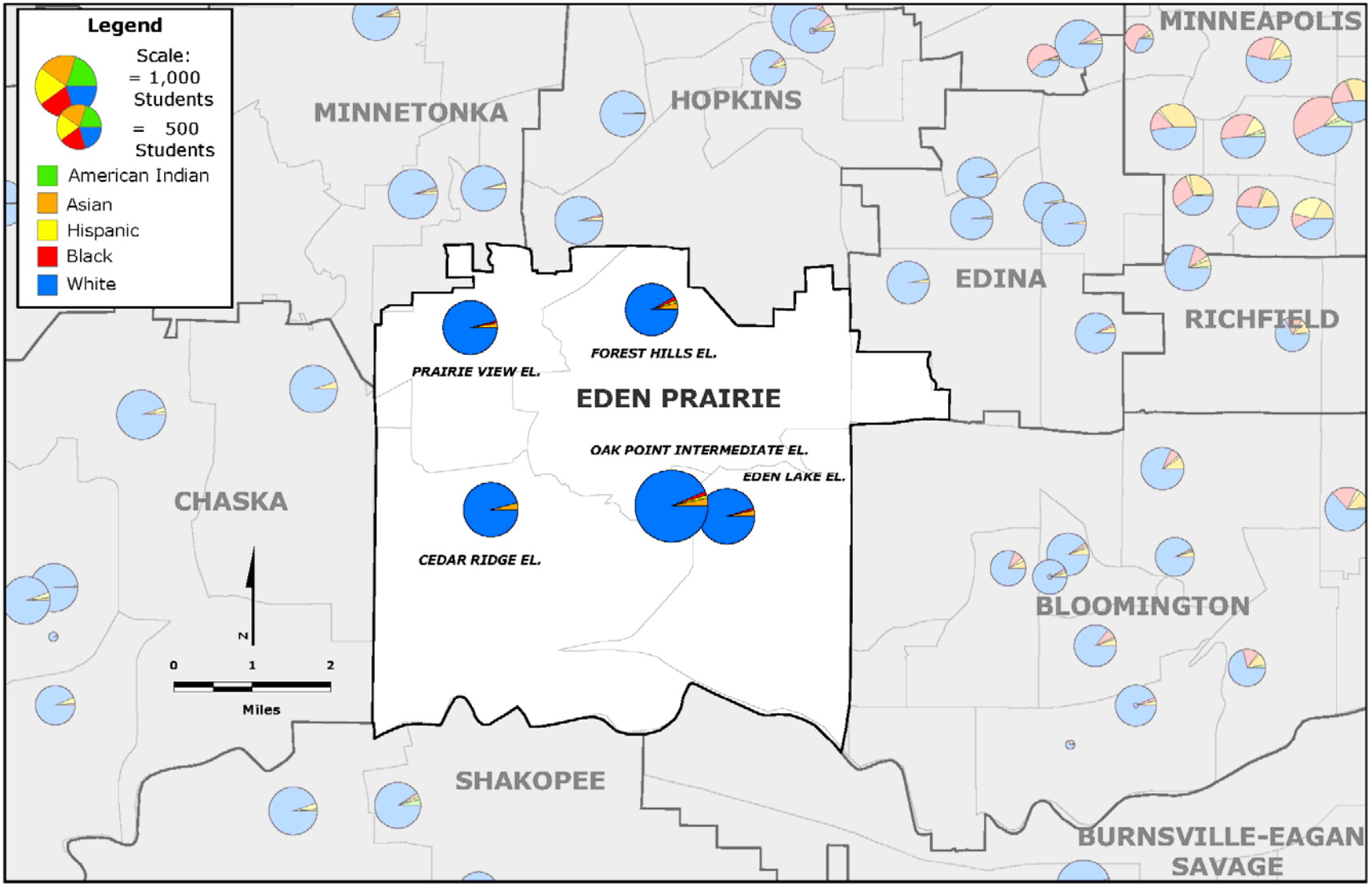
Eden Prairie School District and Surrounding Area
Race and Ethnicity
in Public Elementary Schools, 1995



Data Source: MN Department of Education

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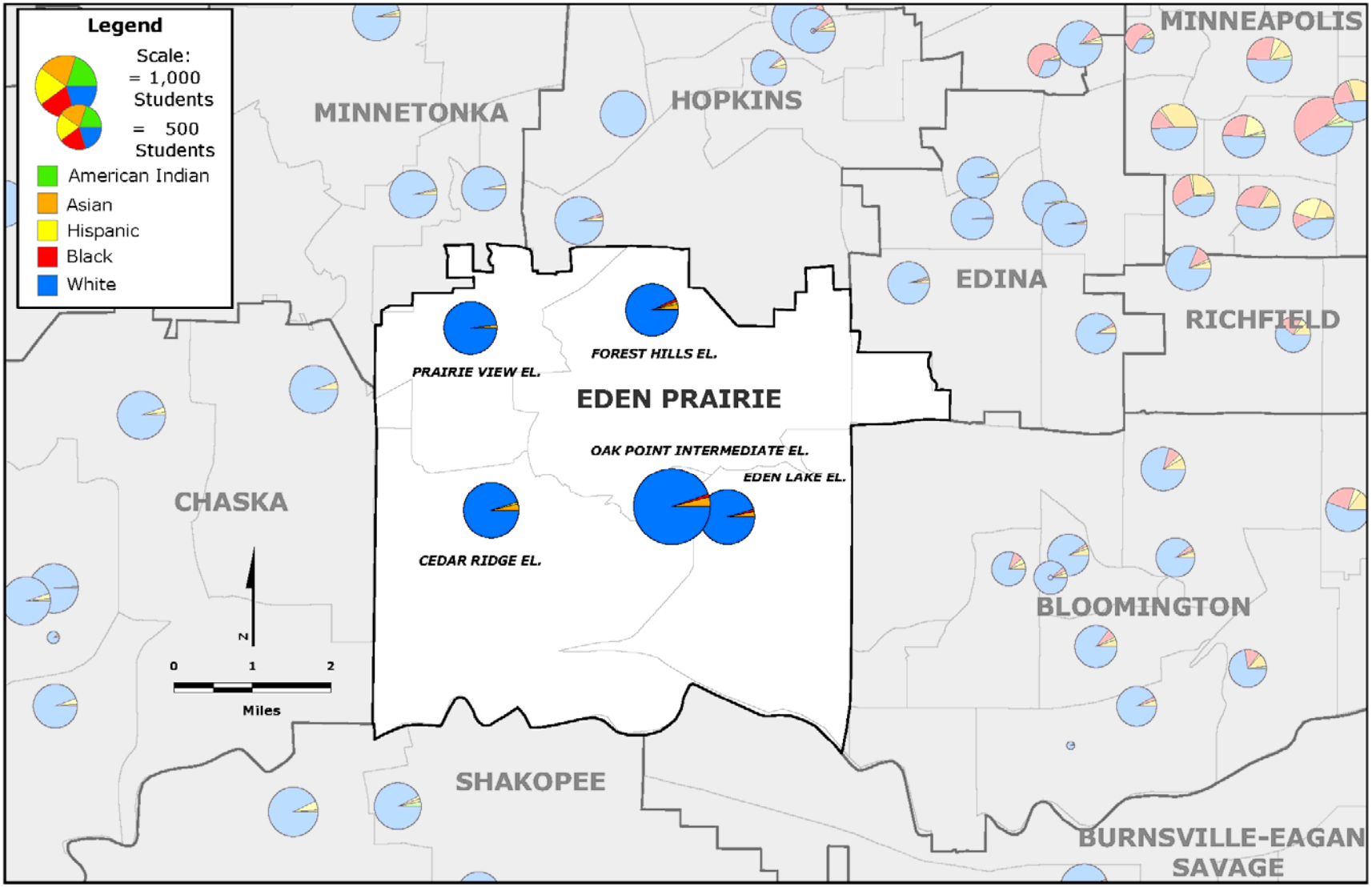
Research, Education and Advocacy

Eden Prairie School District and Surrounding Area
Race and Ethnicity
in Public Elementary Schools, 1996



Data Source: MN Department of Education

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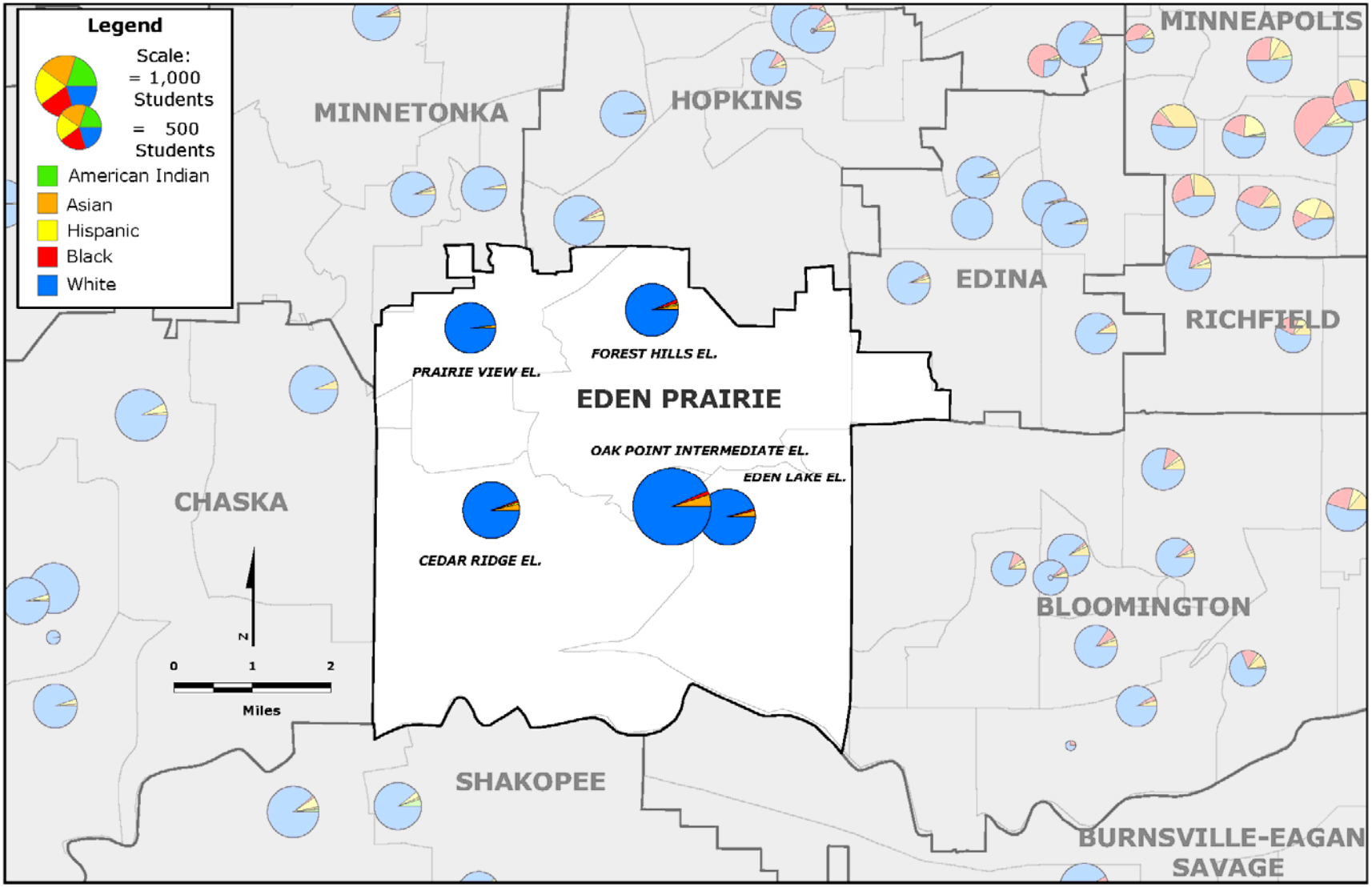
Research, Education and Advocacy

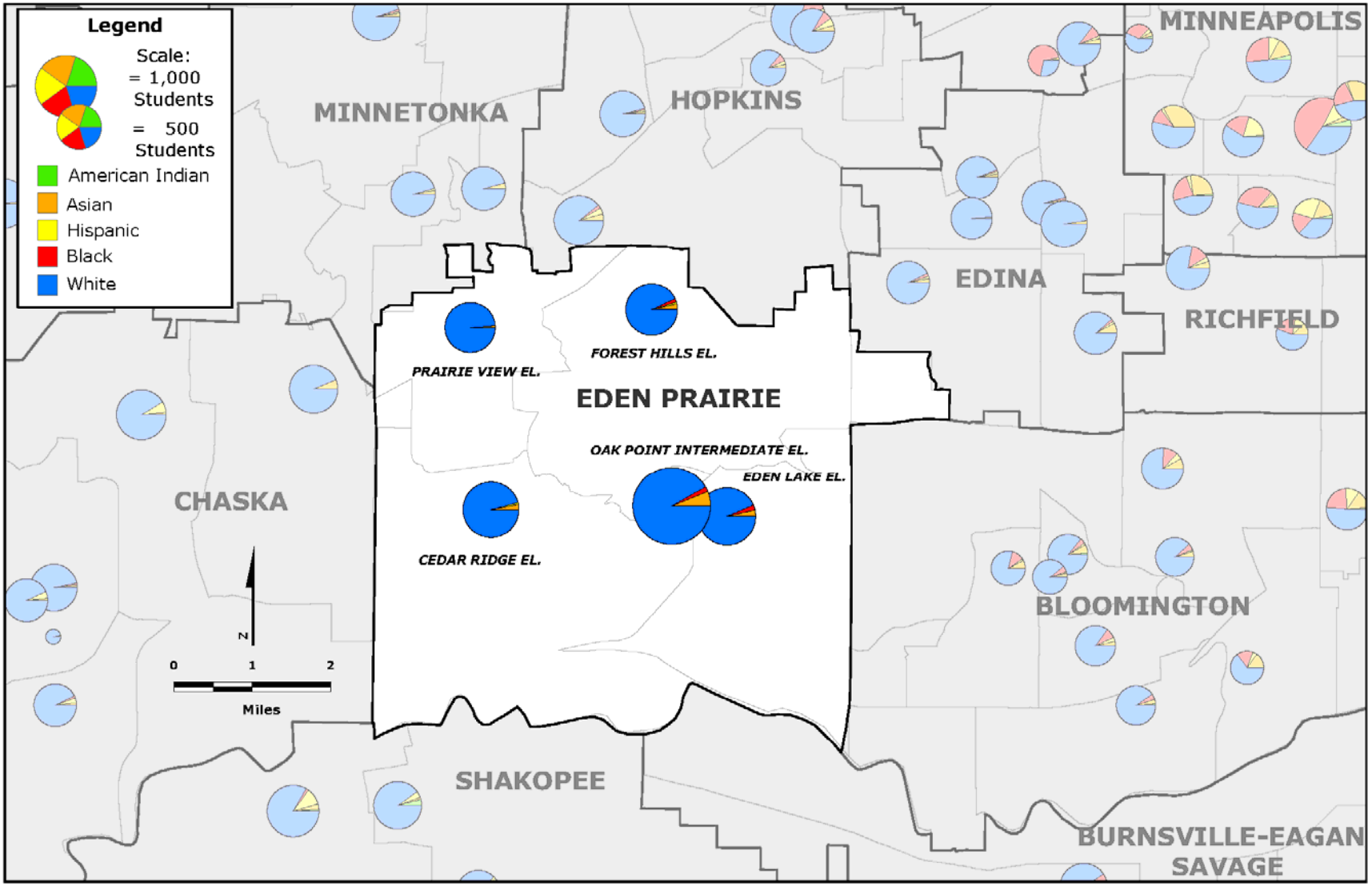
Eden Prairie School District and Surrounding Area
Race and Ethnicity
in Public Elementary Schools, 1997



Data Source: MN Department of Education

institute on race and poverty
Research, Education and Advocacy

Eden Prairie School District and Surrounding Area
Race and Ethnicity
in Public Elementary Schools, 1998



Data Source: MN Department of Education

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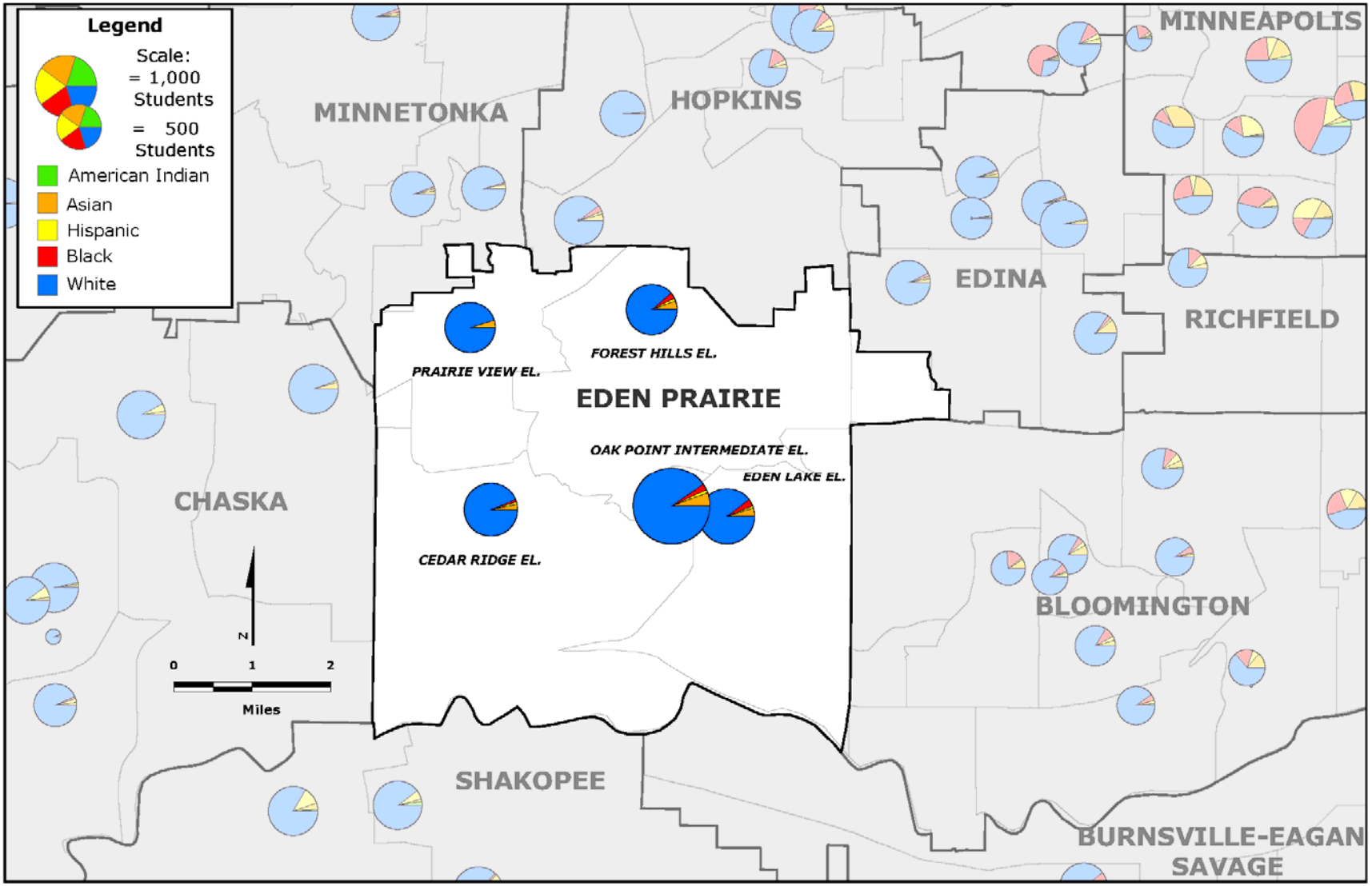
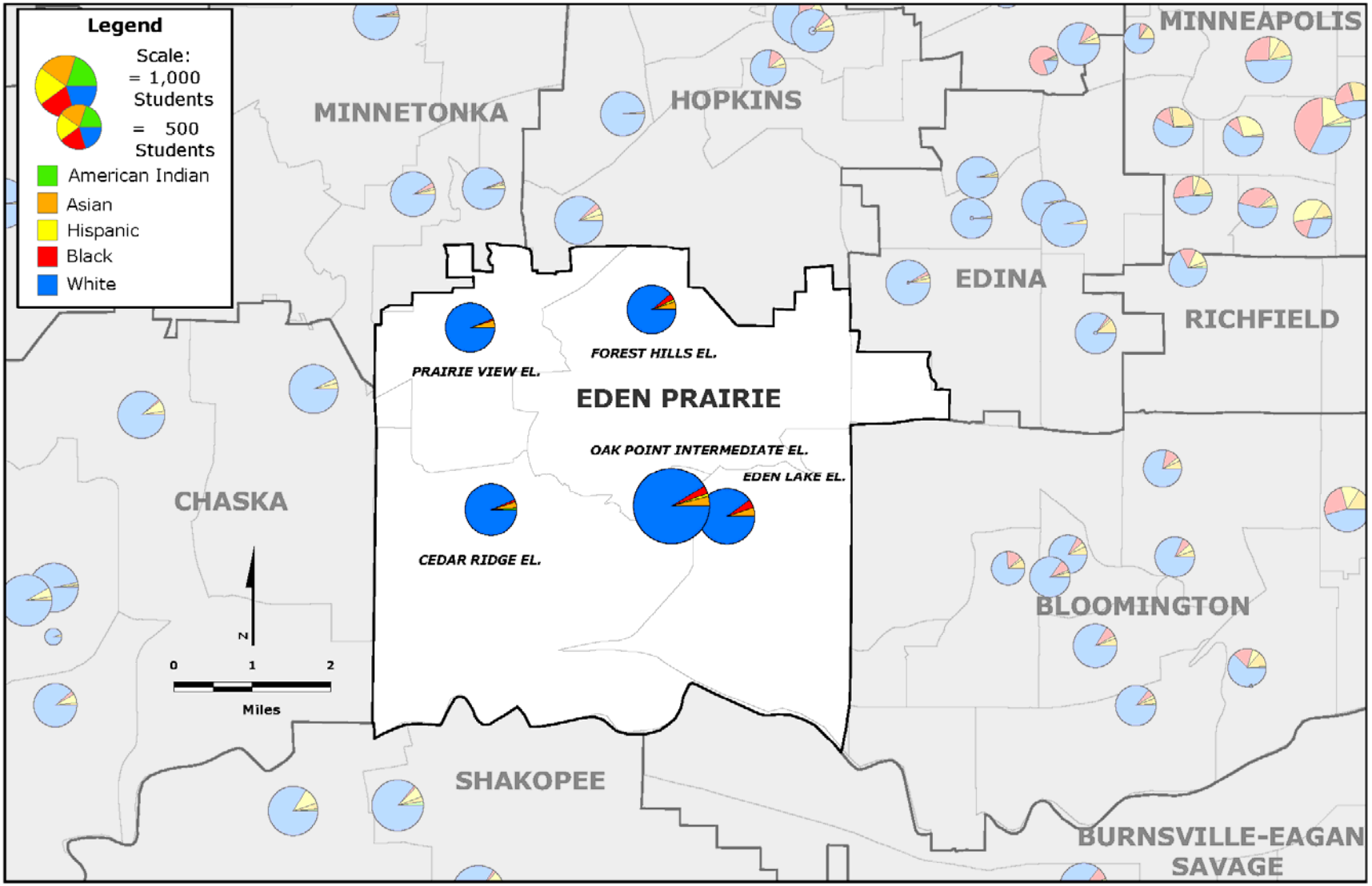
Eden Prairie School District and Surrounding Area
Race and Ethnicity
in Public Elementary Schools, 1999



Data Source: MN Department of Education

institute on race and poverty
Research, Education and Advocacy

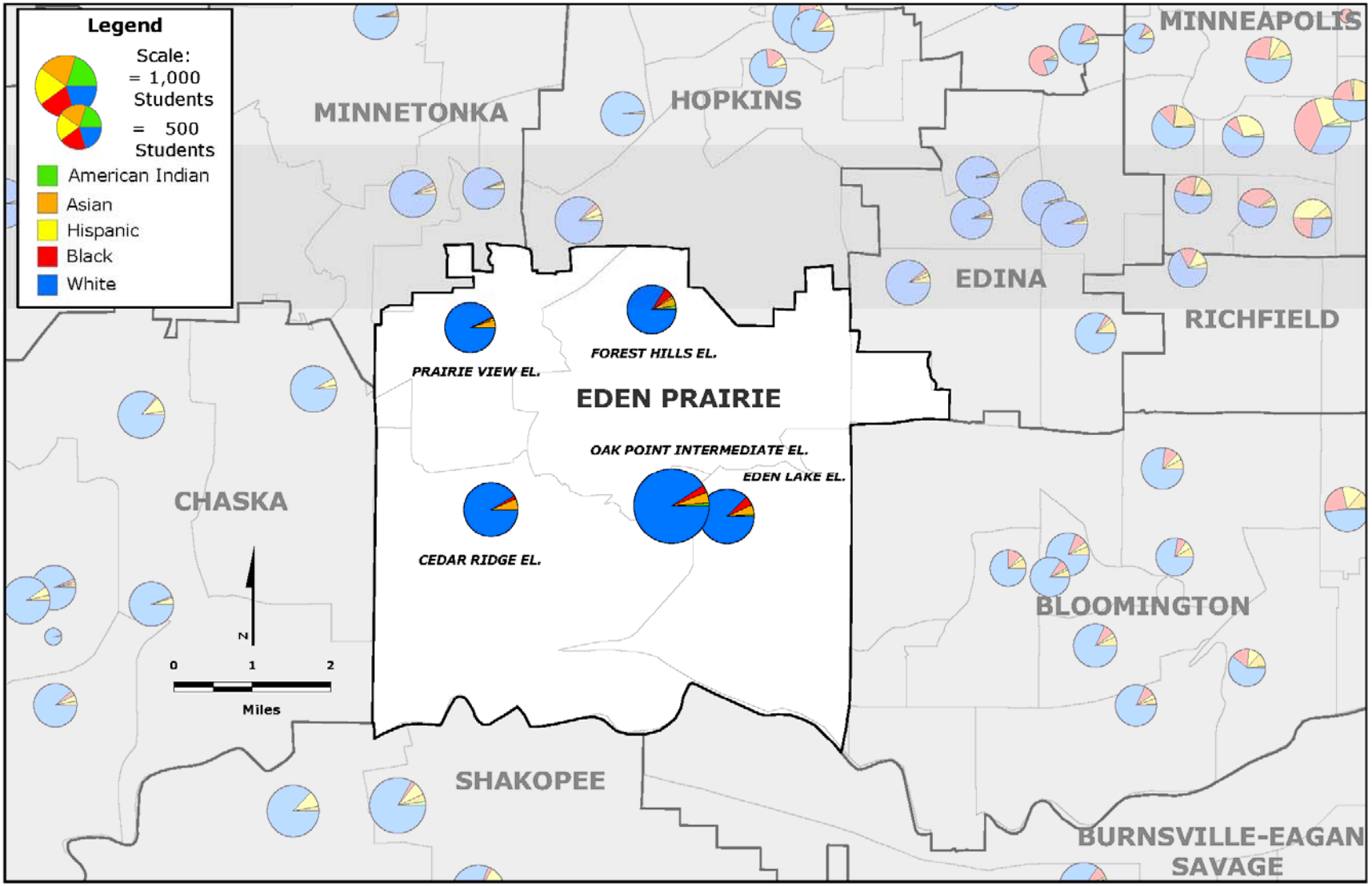
Eden Prairie School District and Surrounding Area
Race and Ethnicity
in Public Elementary Schools, 2000



Data Source: MN Department of Education

institute on race and poverty
Research, Education and Advocacy

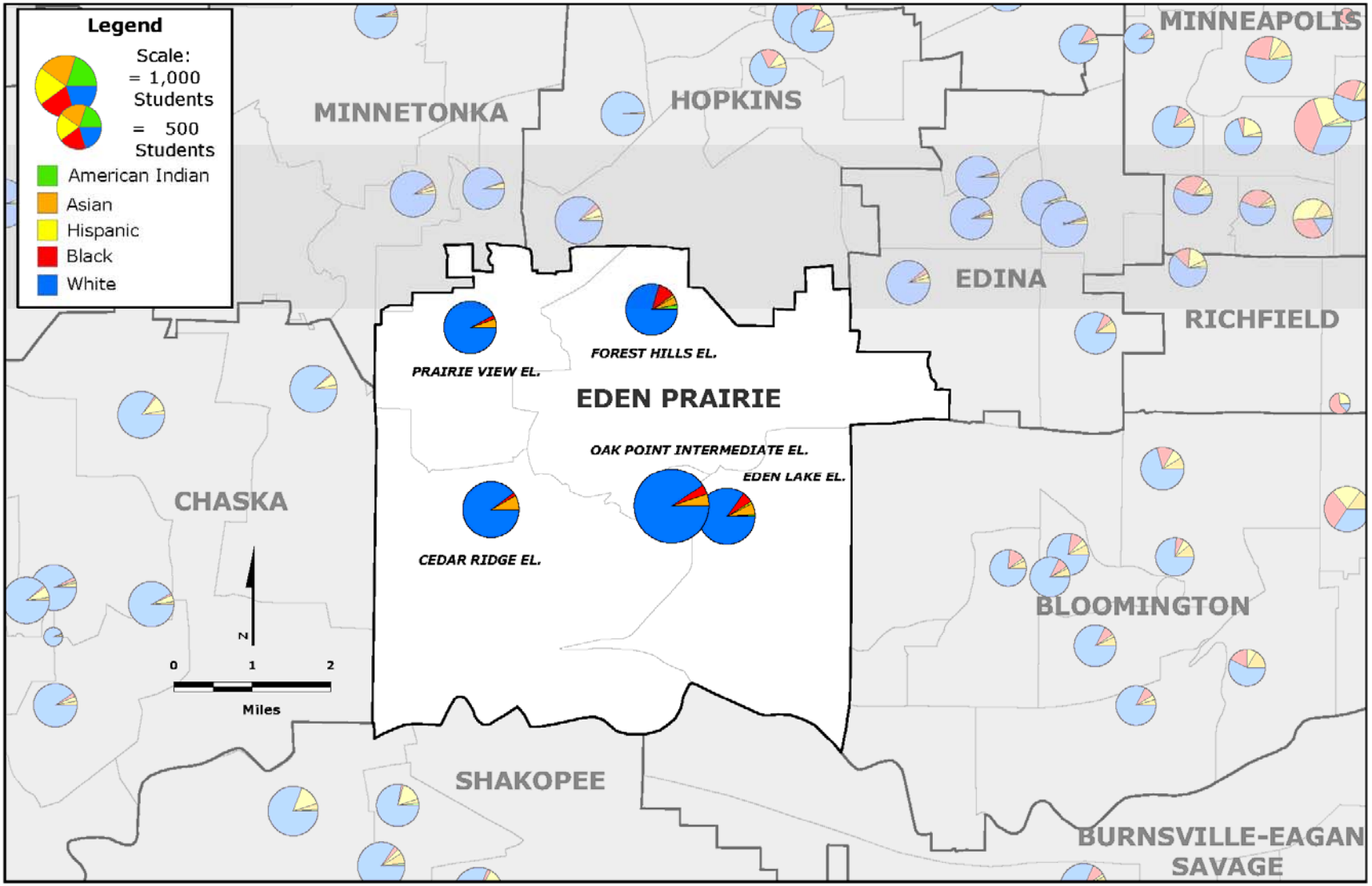
Eden Prairie School District and Surrounding Area
Race and Ethnicity
in Public Elementary Schools, 2001



Data Source: MN Department of Education

institute on race and poverty
Research, Education and Advocacy

Eden Prairie School District and Surrounding Area
Race and Ethnicity
in Public Elementary Schools, 2002



Data Source: MN Department of Education

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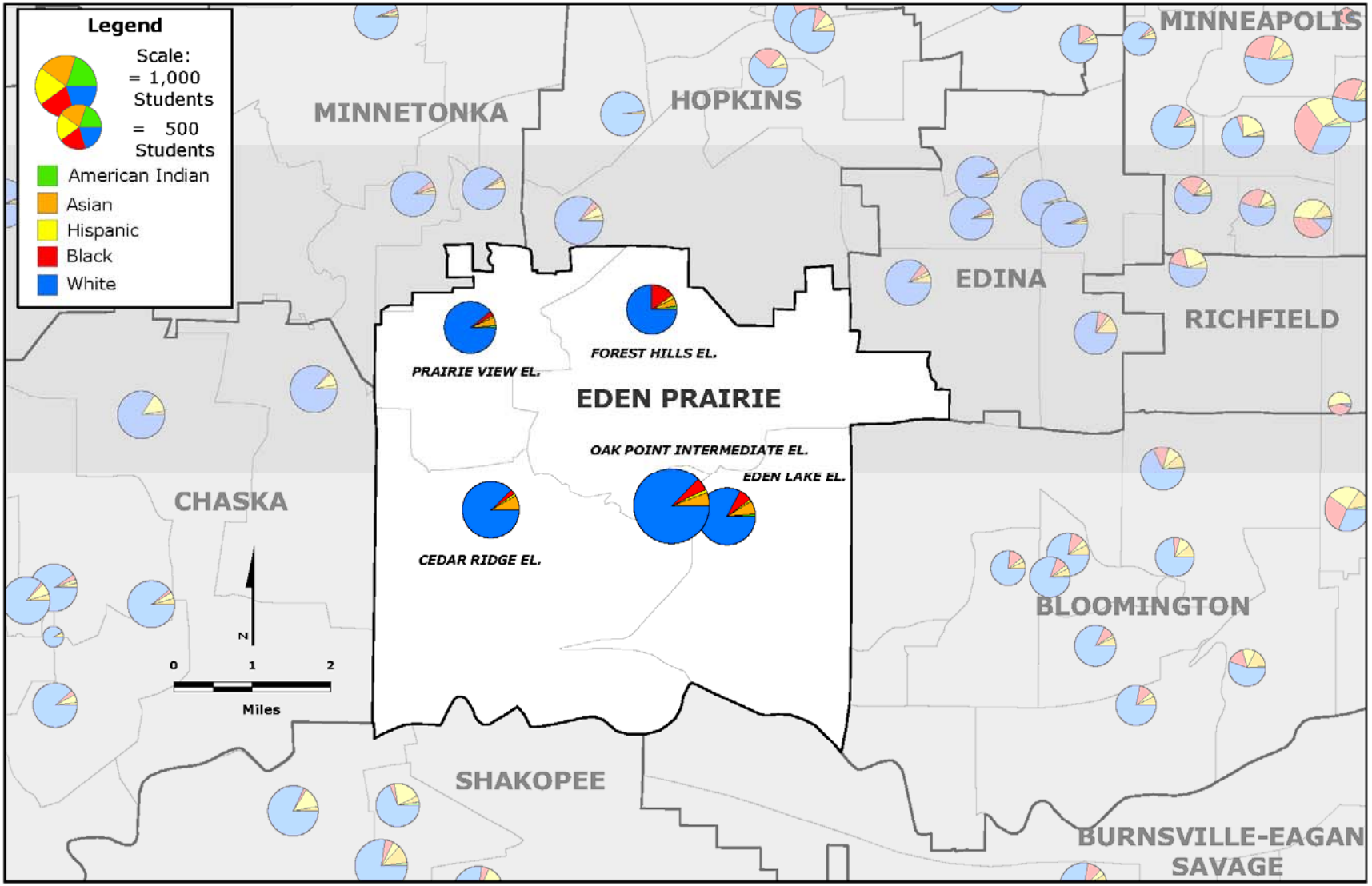

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Eden Prairie School District and Surrounding Area
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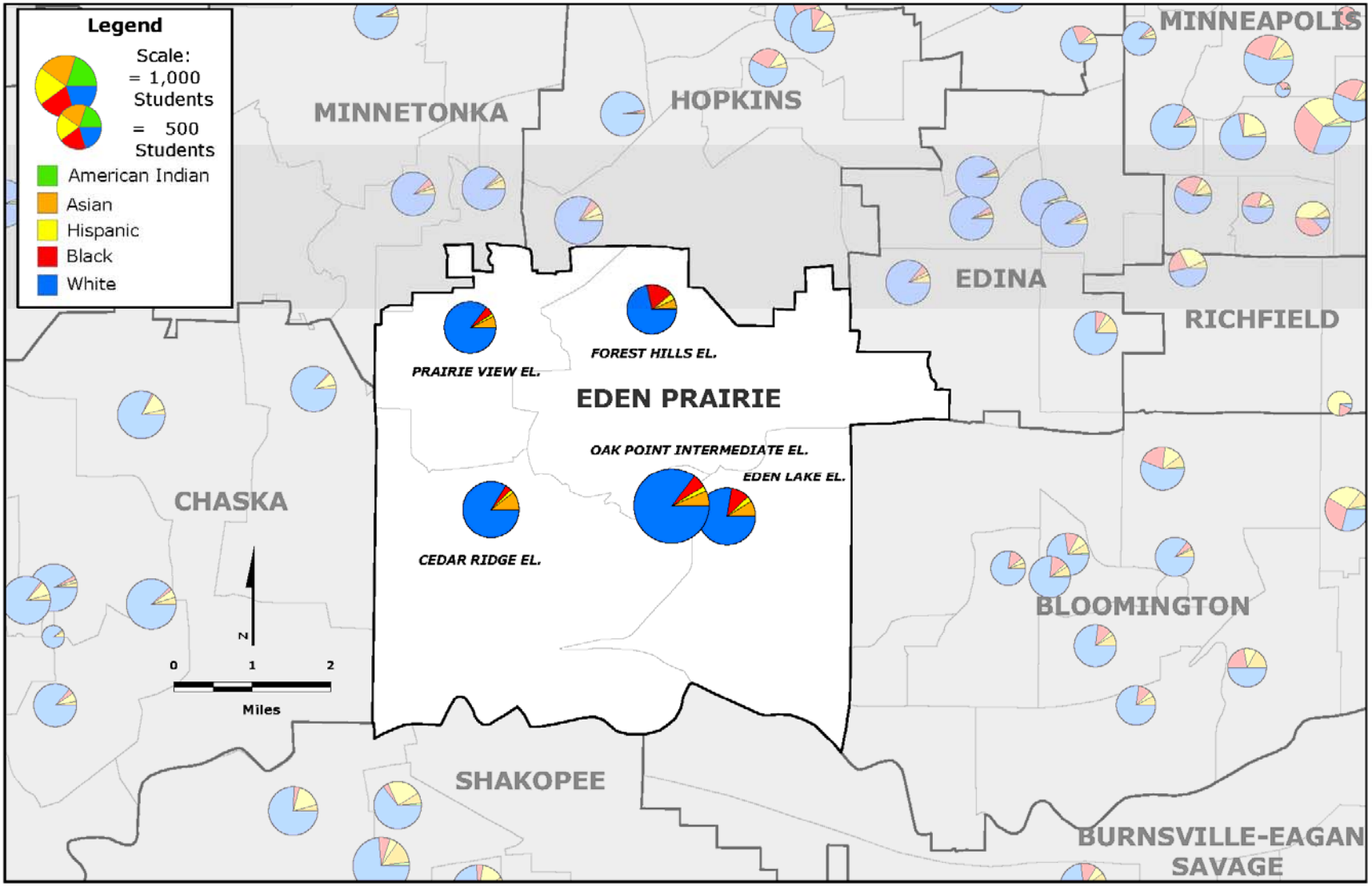

Data Source: MN Department of Education

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Eden Prairie School District and Surrounding Area
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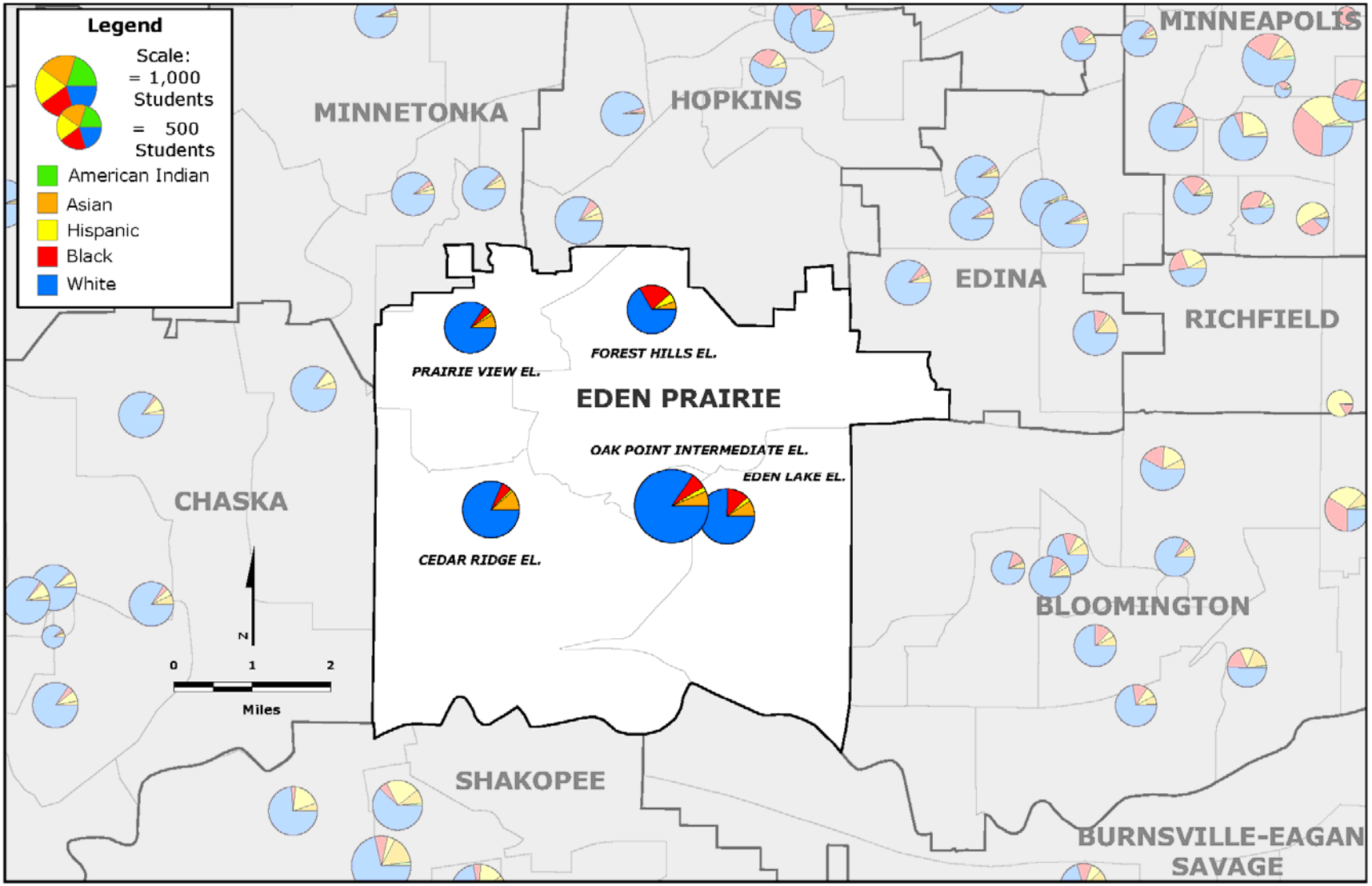

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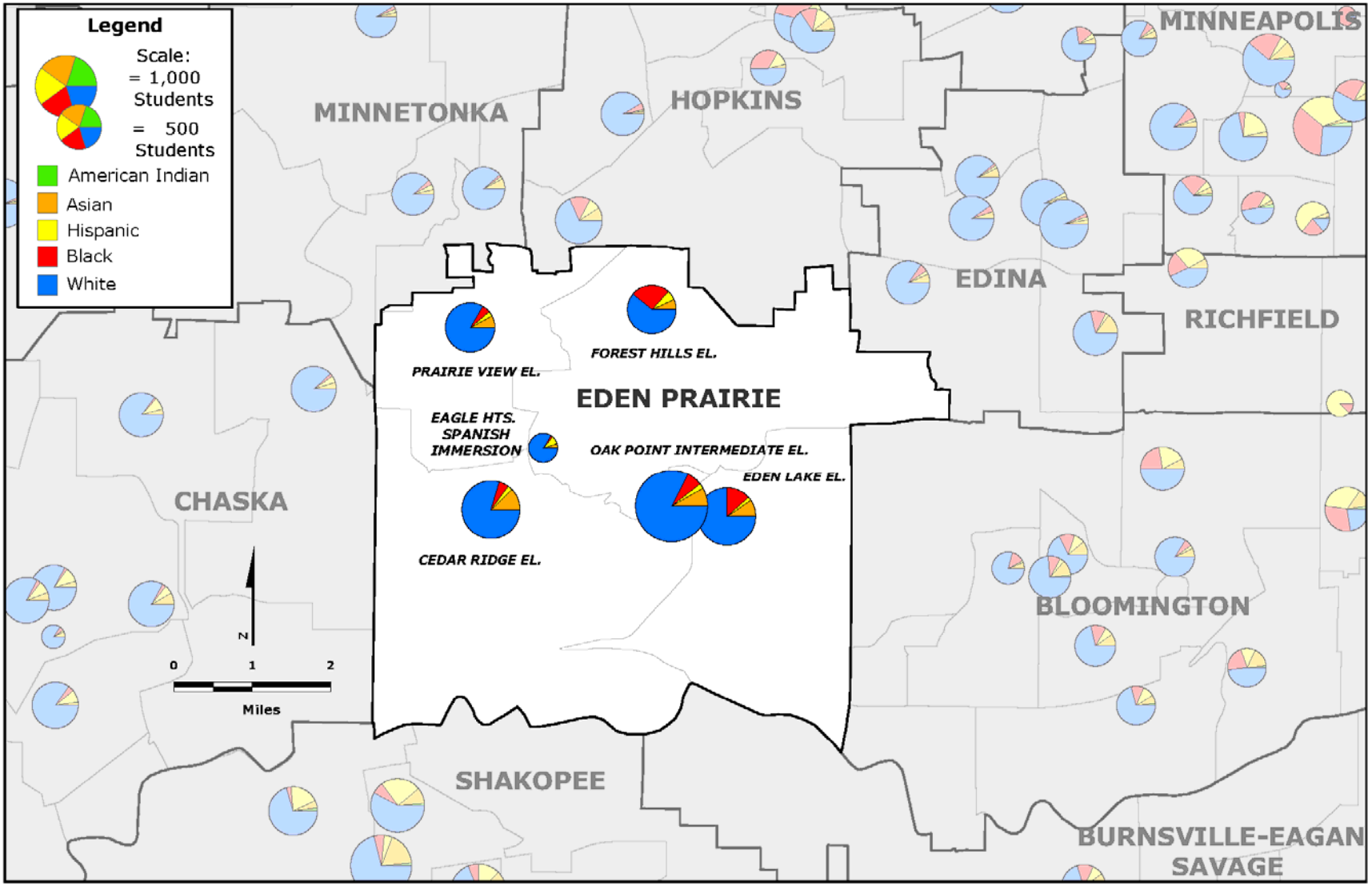

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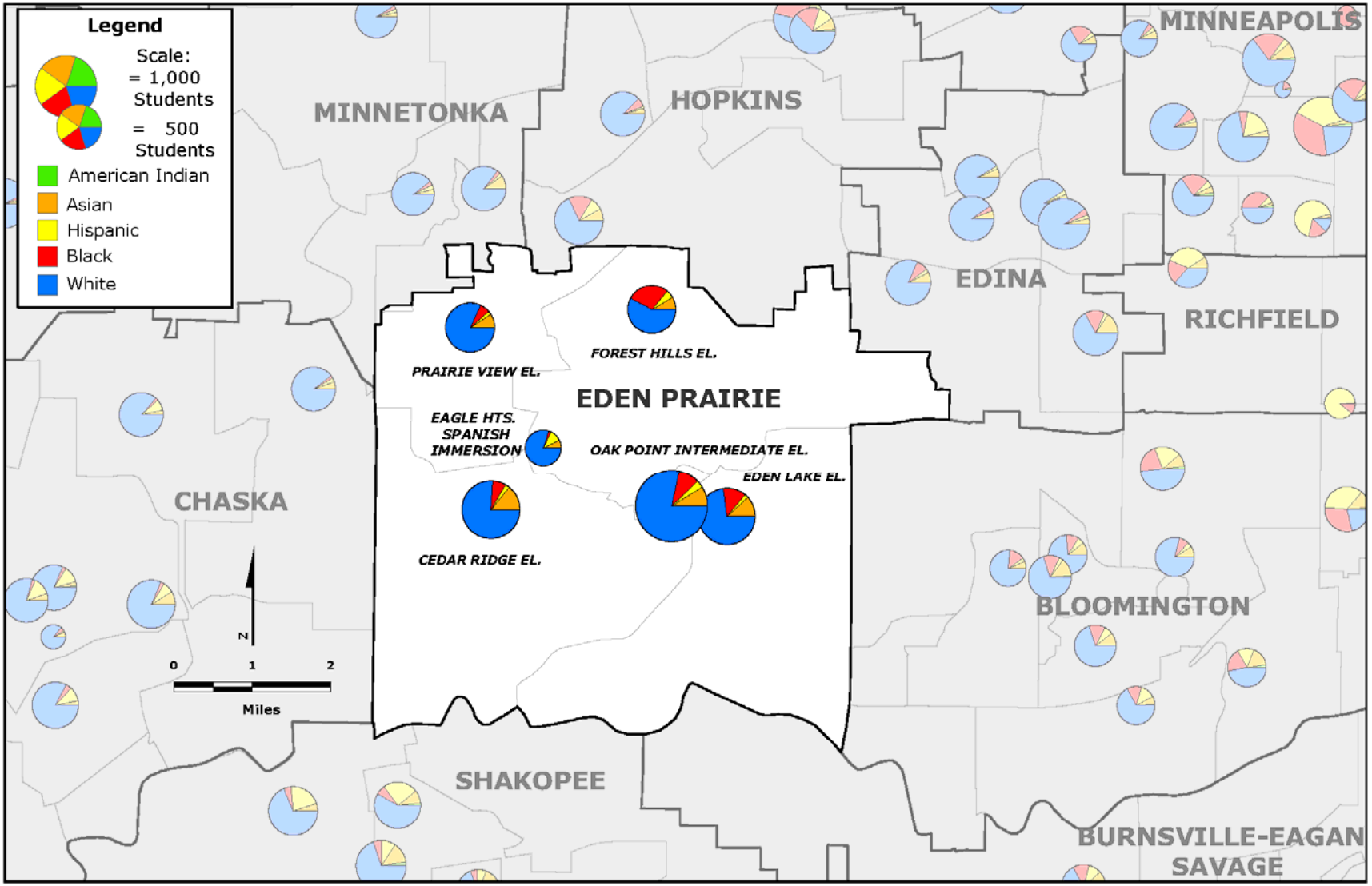

Data Source: MN Department of Education

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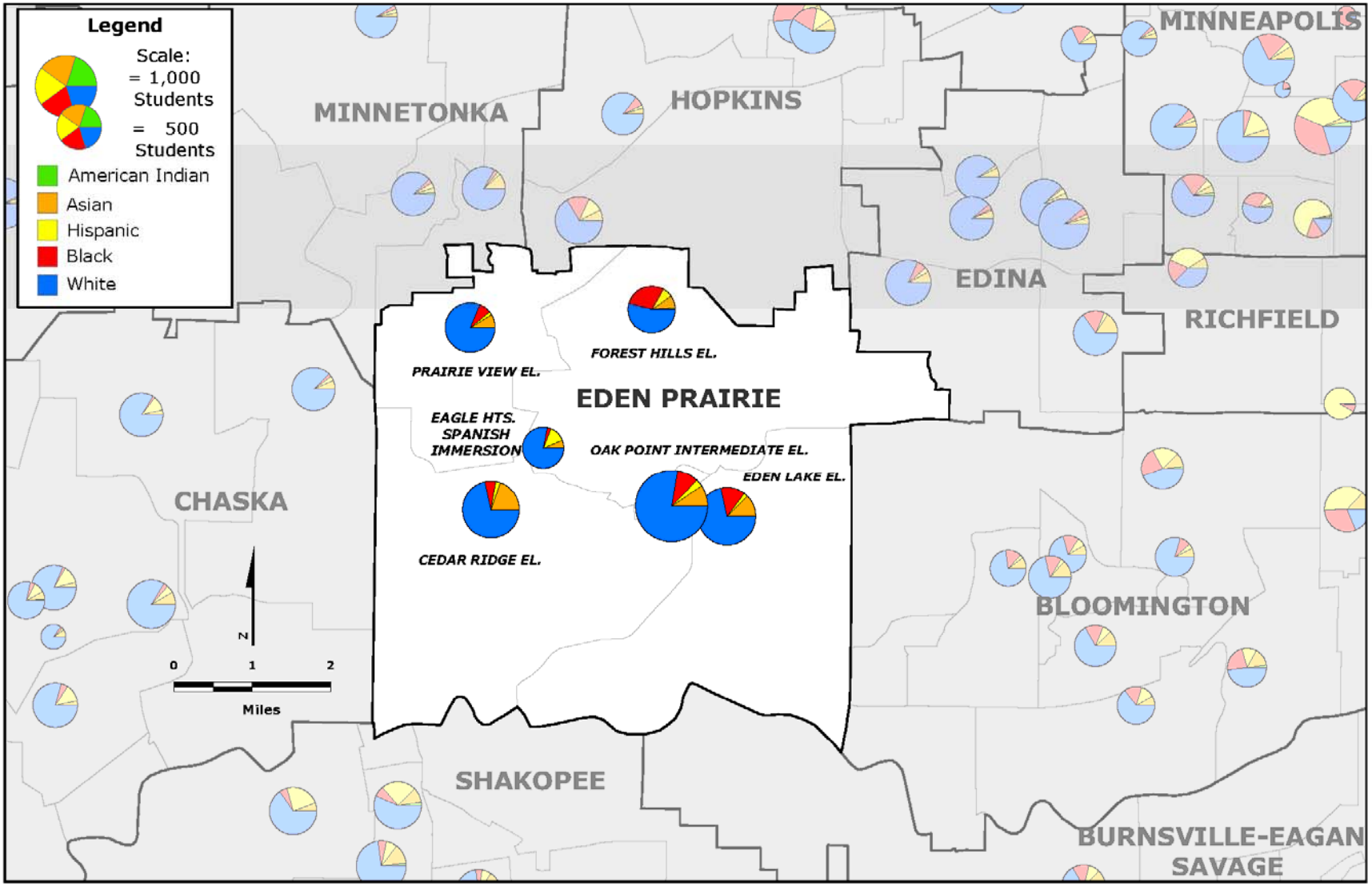
Eden Prairie School District and Surrounding Area
Race and Ethnicity
in Public Elementary Schools, 2008



Data Source: MN Department of Education

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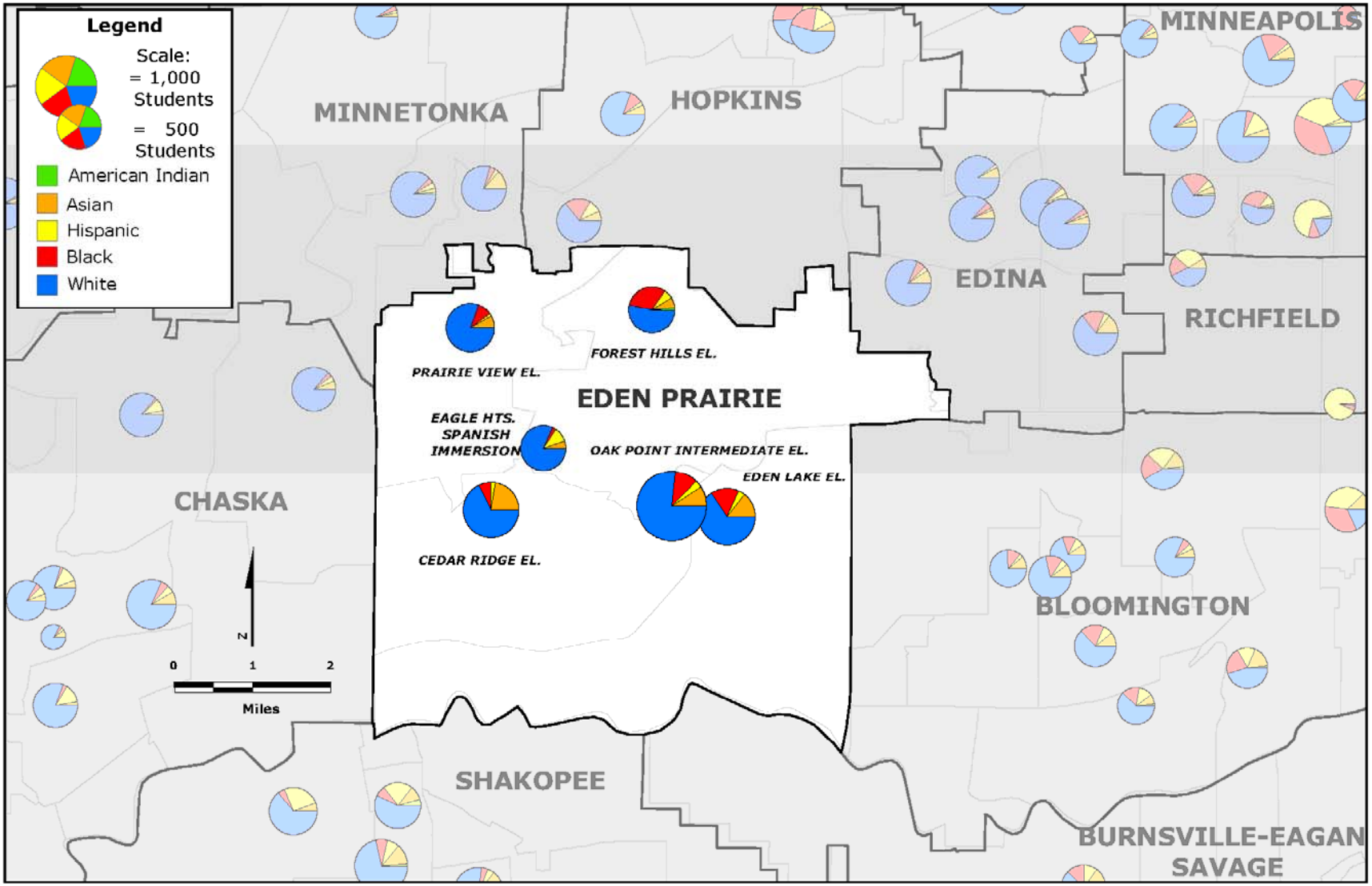
Research, Education and Advocacy

Eden Prairie School District and Surrounding Area
Race and Ethnicity
in Public Elementary Schools, 2009



Data Source: MN Department of Education

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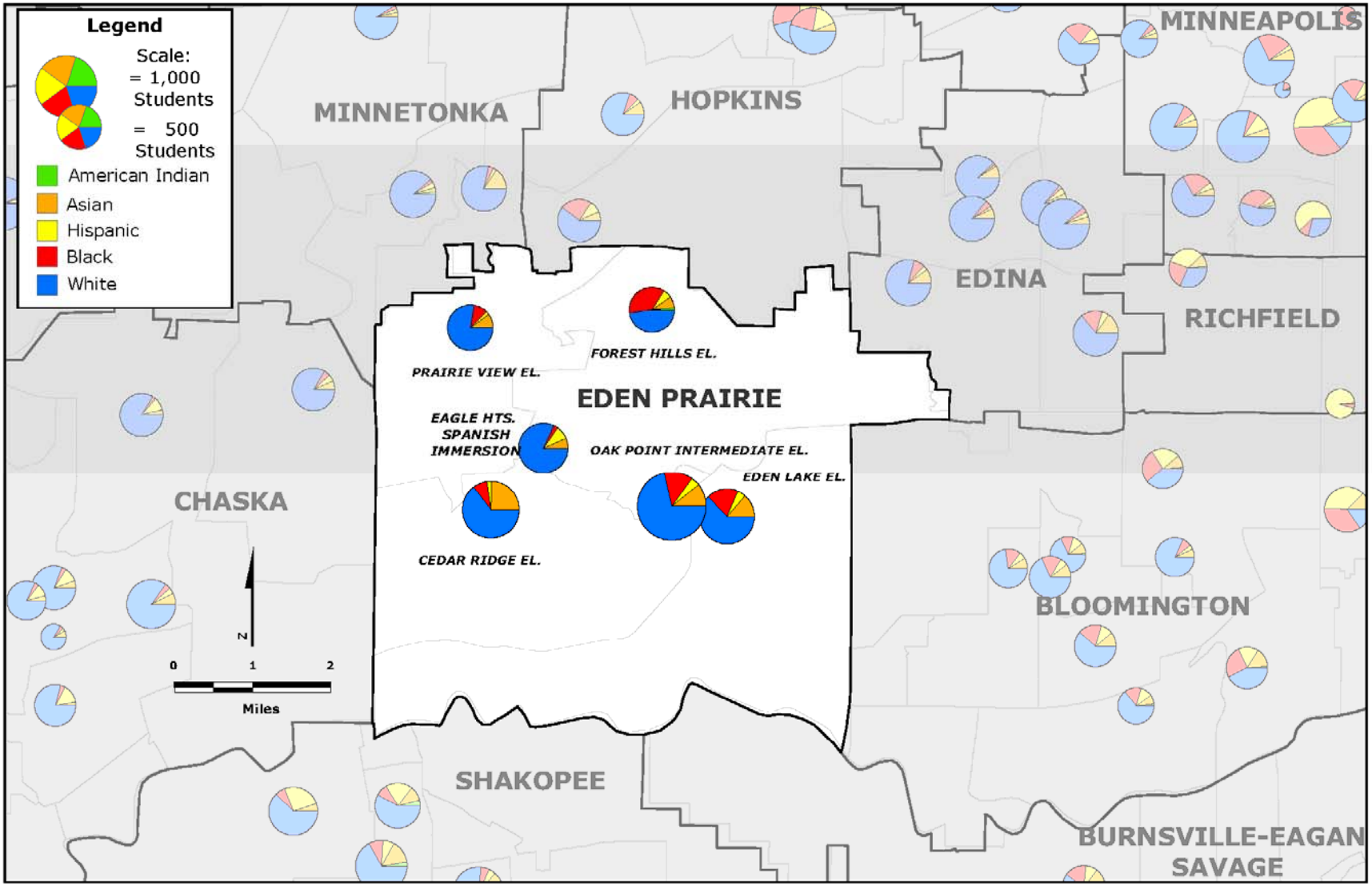
Eden Prairie School District and Surrounding Area
Race and Ethnicity
in Public Elementary Schools, 2010

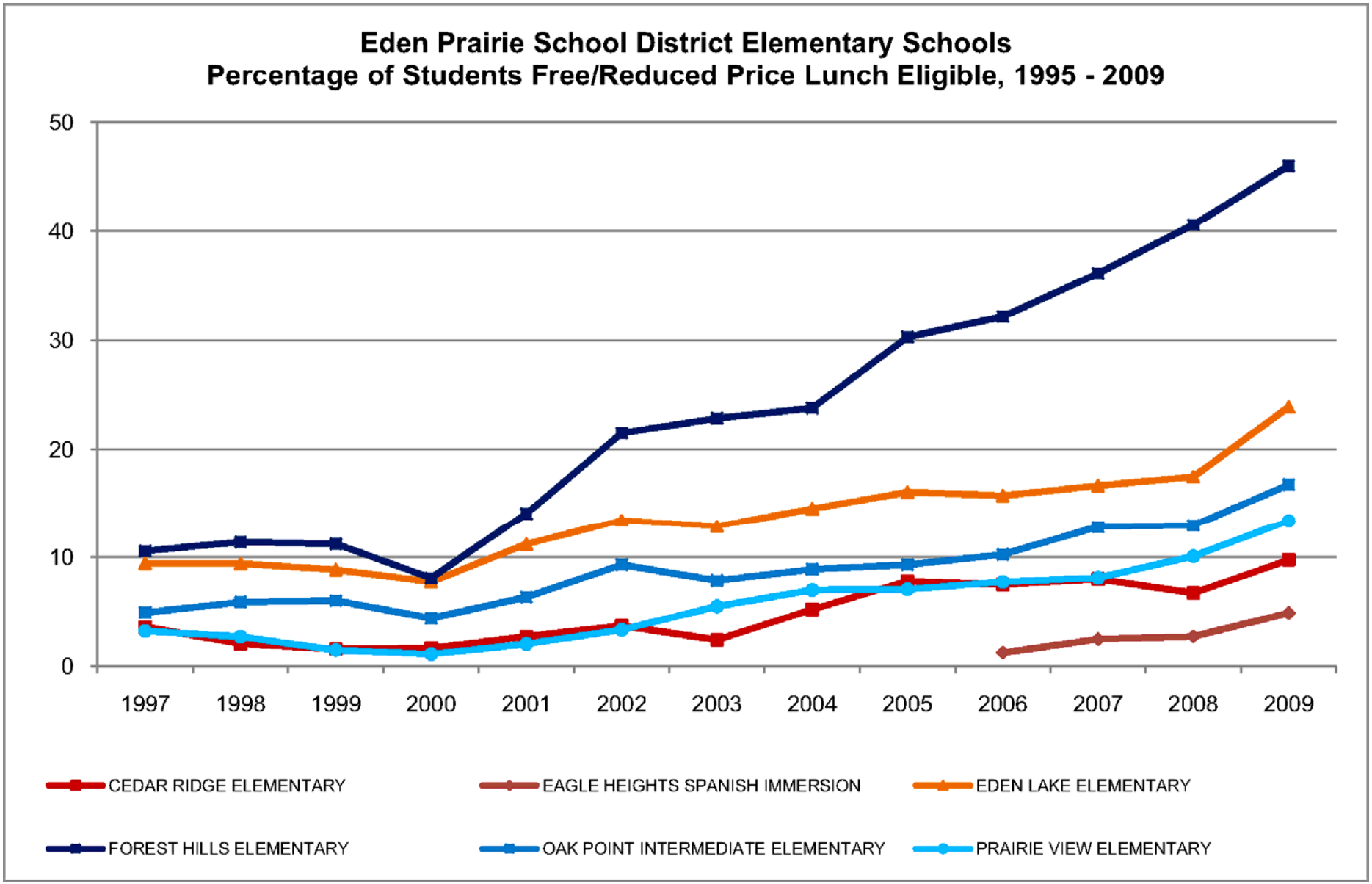


Data Source: MN Department of Education

Eden Prairie and Surrounding Area

Lunch (Economic) Status

1997-2010


Eden Prairie School District Elementary Schools
Percentage of Students Free/Reduced Price Lunch Eligible, 1995 - 2009
50
40
30
20
10
0
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
CEDAR RIDGE ELEMENTARY
EAGLE HEIGHTS SPANISH IMMERSION
EDEN LAKE ELEMENTARY
FOREST HILLS ELEMENTARY
OAK POINT INTERMEDIATE ELEMENTARY
PRAIRIE VIEW ELEMENTARY

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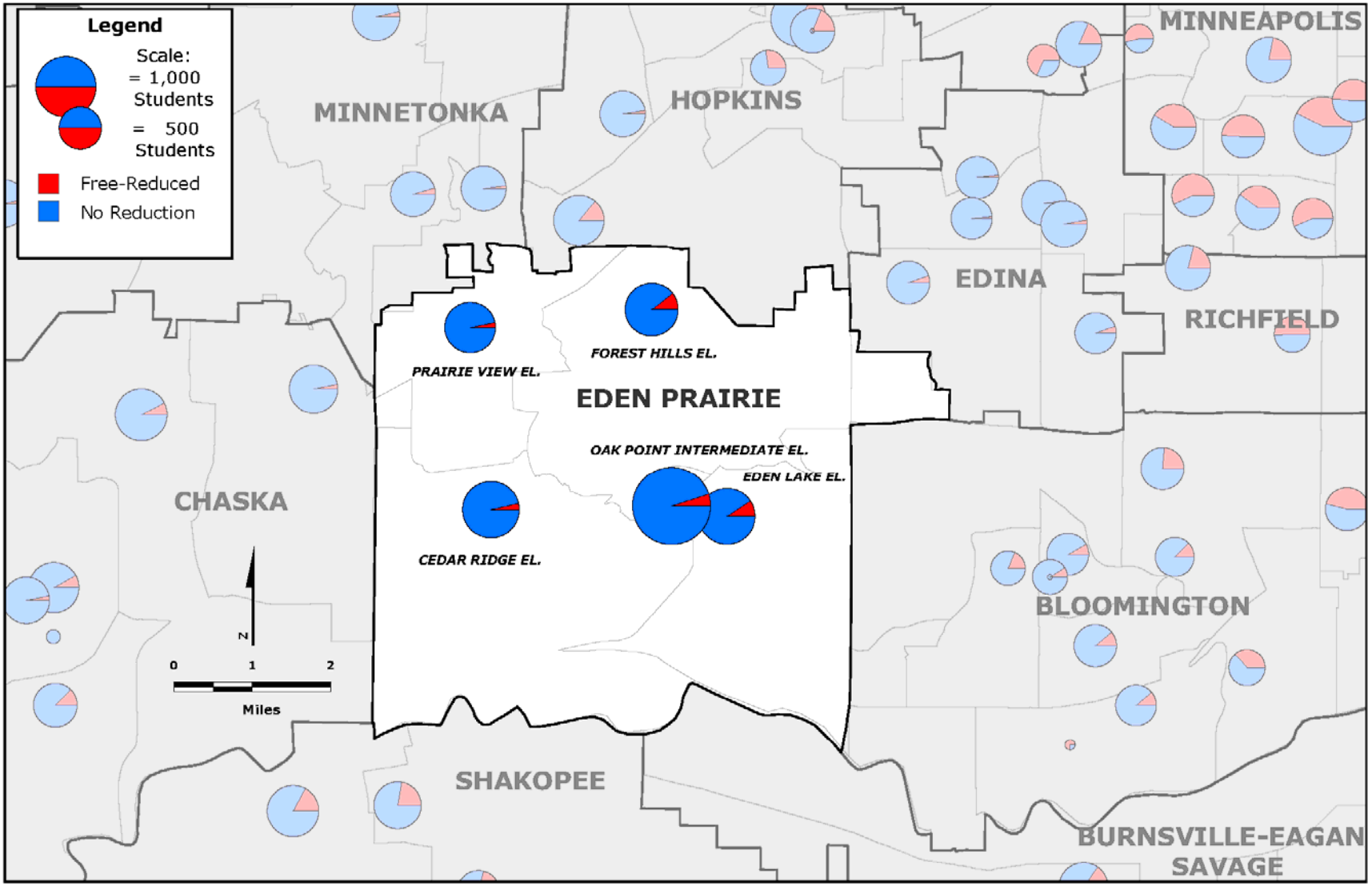
Eden Prairie School District and Surrounding Area
Free and Reduced Lunch Status
in Public Elementary Schools, 1997



Data Source: MN Department of Education

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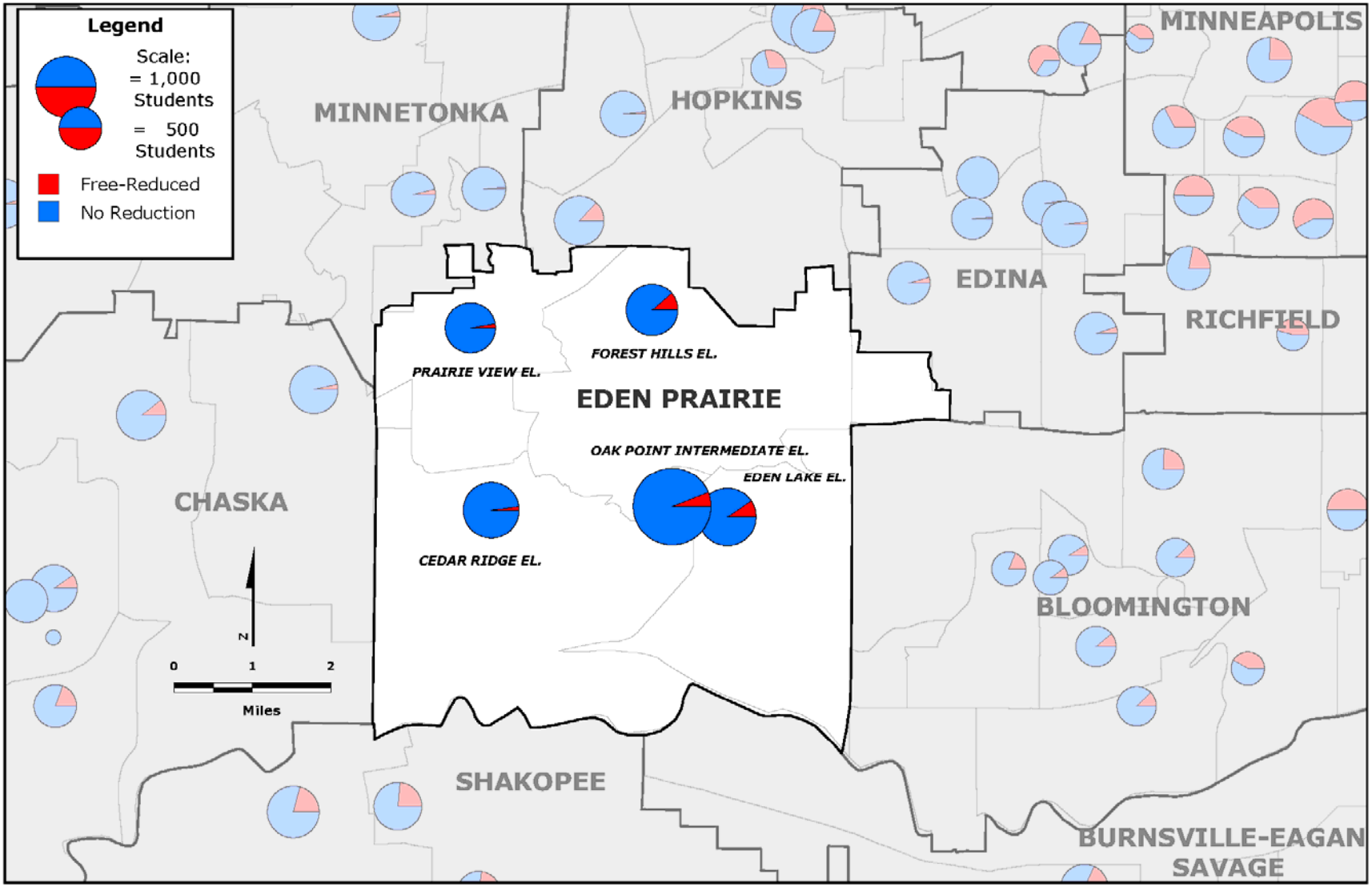
Eden Prairie School District and Surrounding Area
Free and Reduced Lunch Status
in Public Elementary Schools, 1998



Data Source: MN Department of Education

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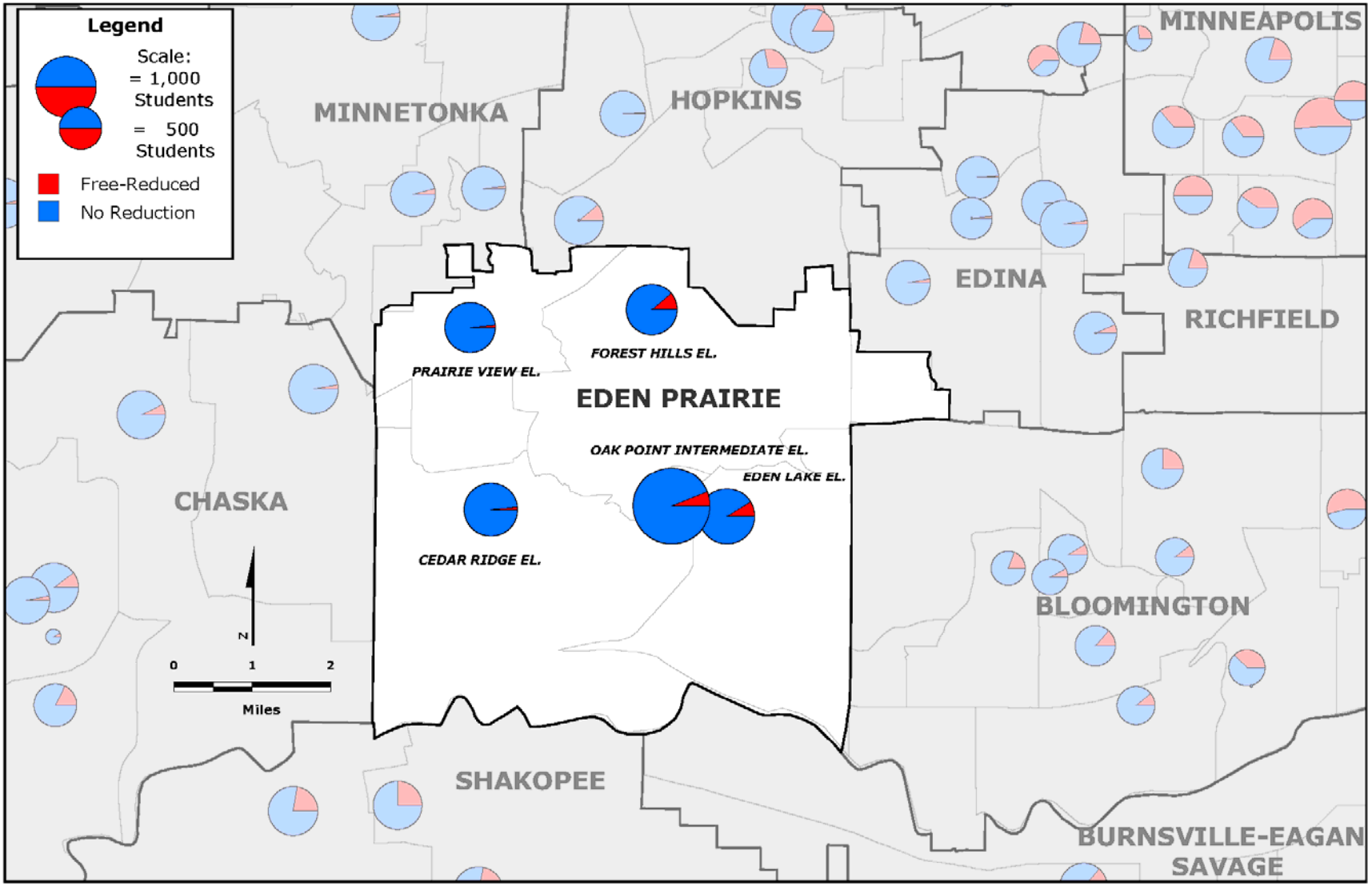
Research, Education and Advocacy

Eden Prairie School District and Surrounding Area
Free and Reduced Lunch Status
in Public Elementary Schools, 1999



Data Source: MN Department of Education

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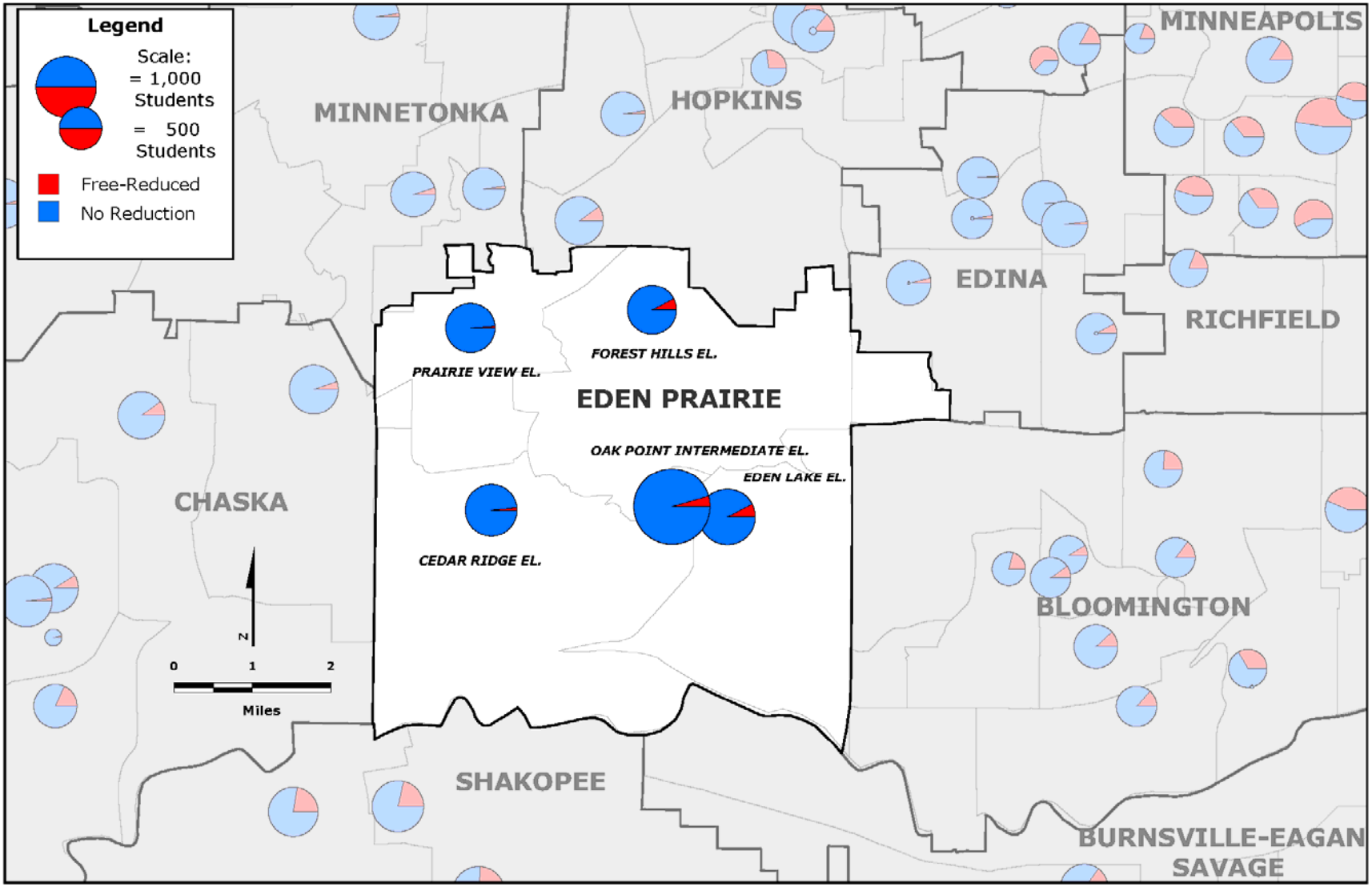
Eden Prairie School District and Surrounding Area
Free and Reduced Lunch Status
in Public Elementary Schools, 2000



Data Source: MN Department of Education

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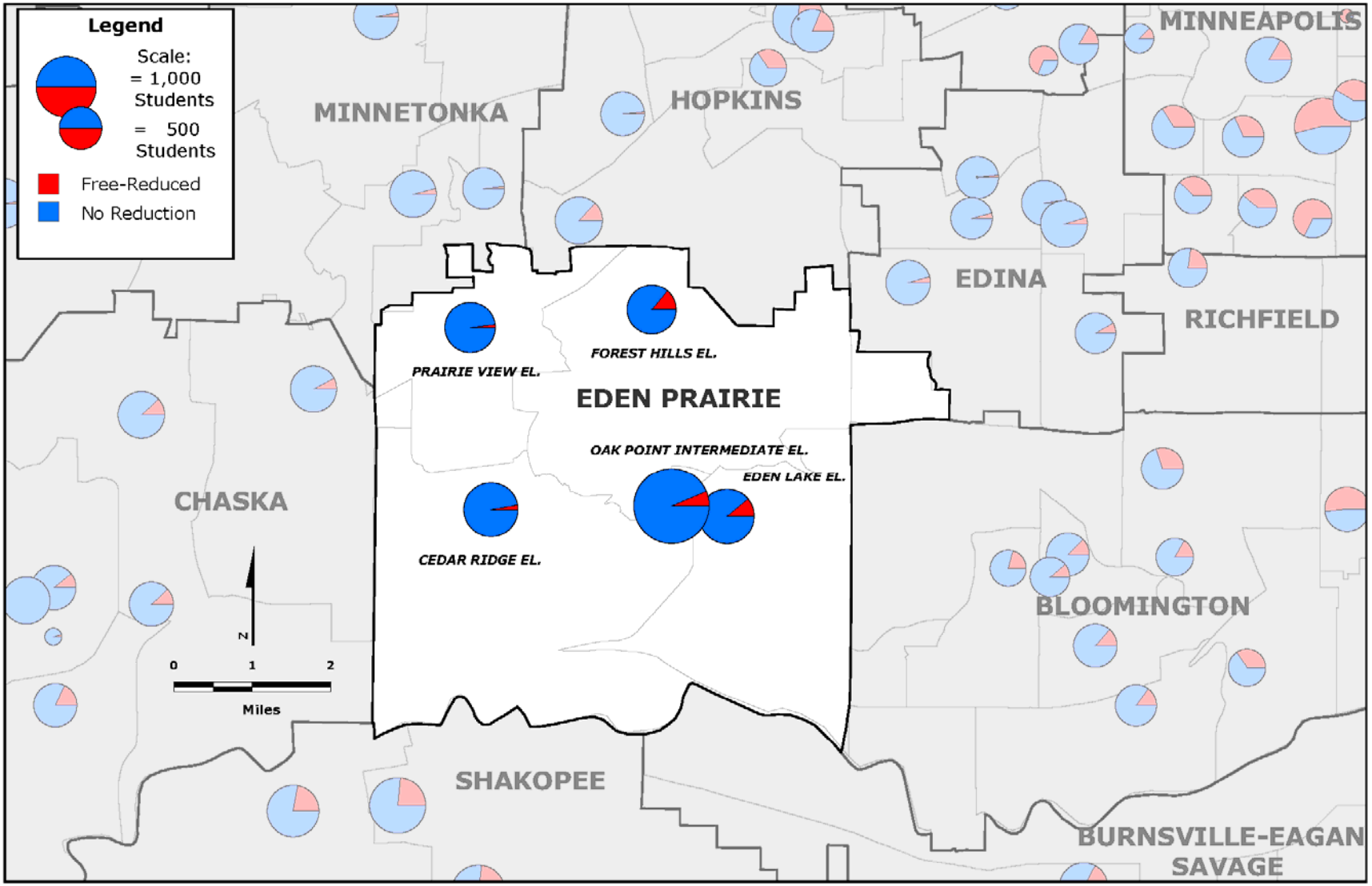
Eden Prairie School District and Surrounding Area
Free and Reduced Lunch Status
in Public Elementary Schools, 2001



Data Source: MN Department of Education

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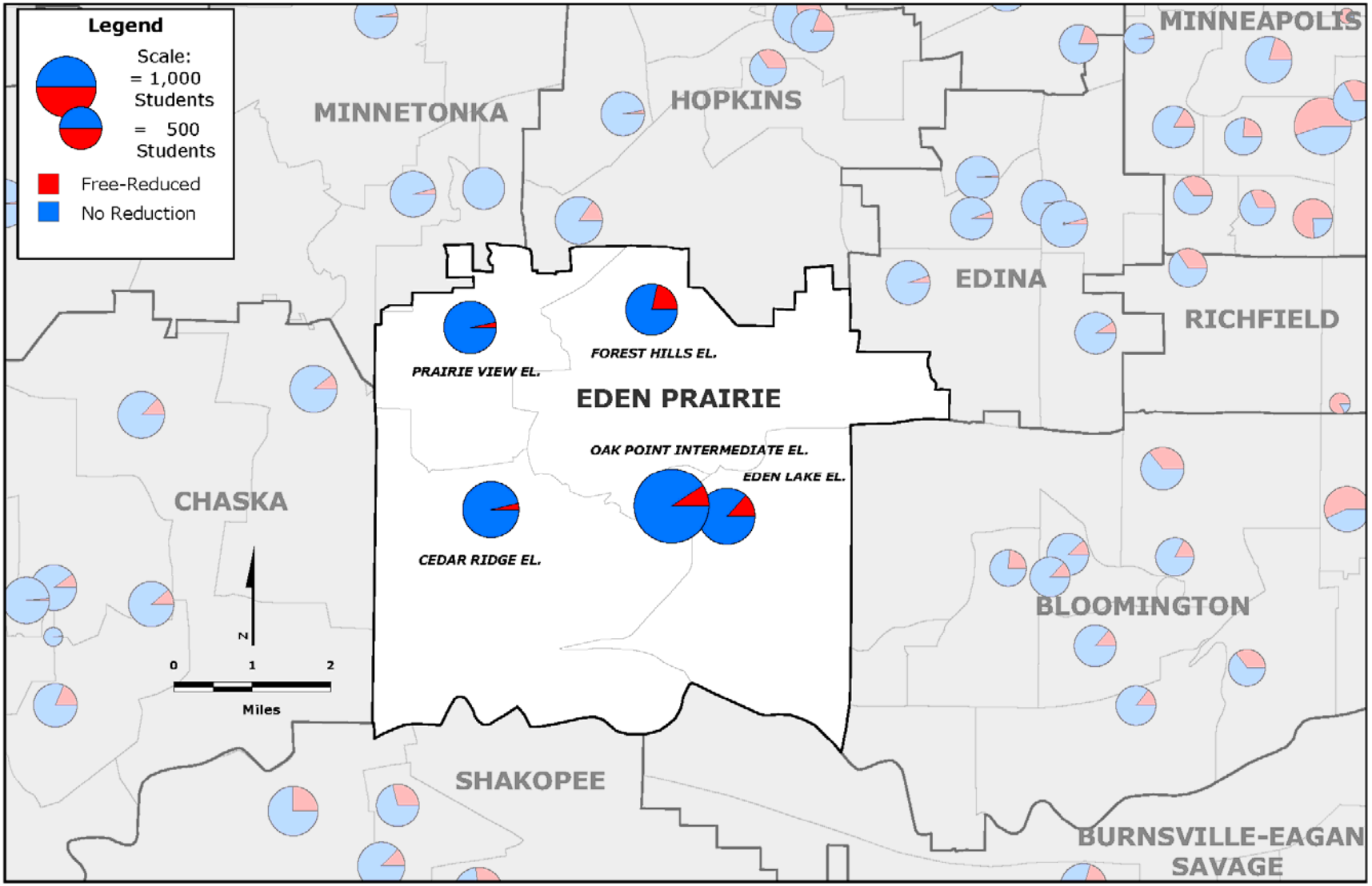
Eden Prairie School District and Surrounding Area
Free and Reduced Lunch Status
in Public Elementary Schools, 2002



Data Source: MN Department of Education

institute on race and poverty
Research, Education and Advocacy

Eden Prairie School District and Surrounding Area
Free and Reduced Lunch Status
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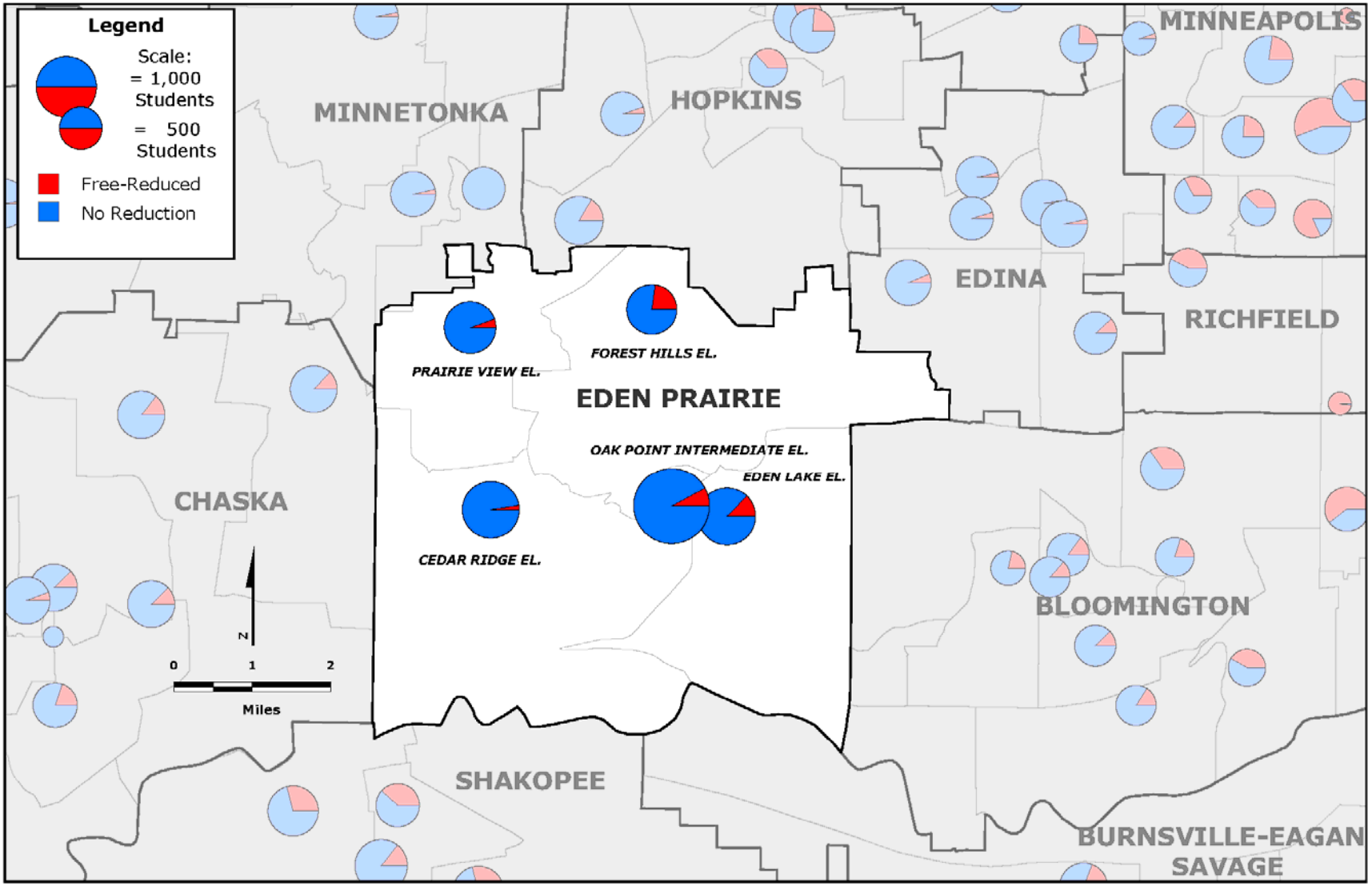

Data Source: MN Department of Education

institute on race and poverty
Research, Education and Advocacy

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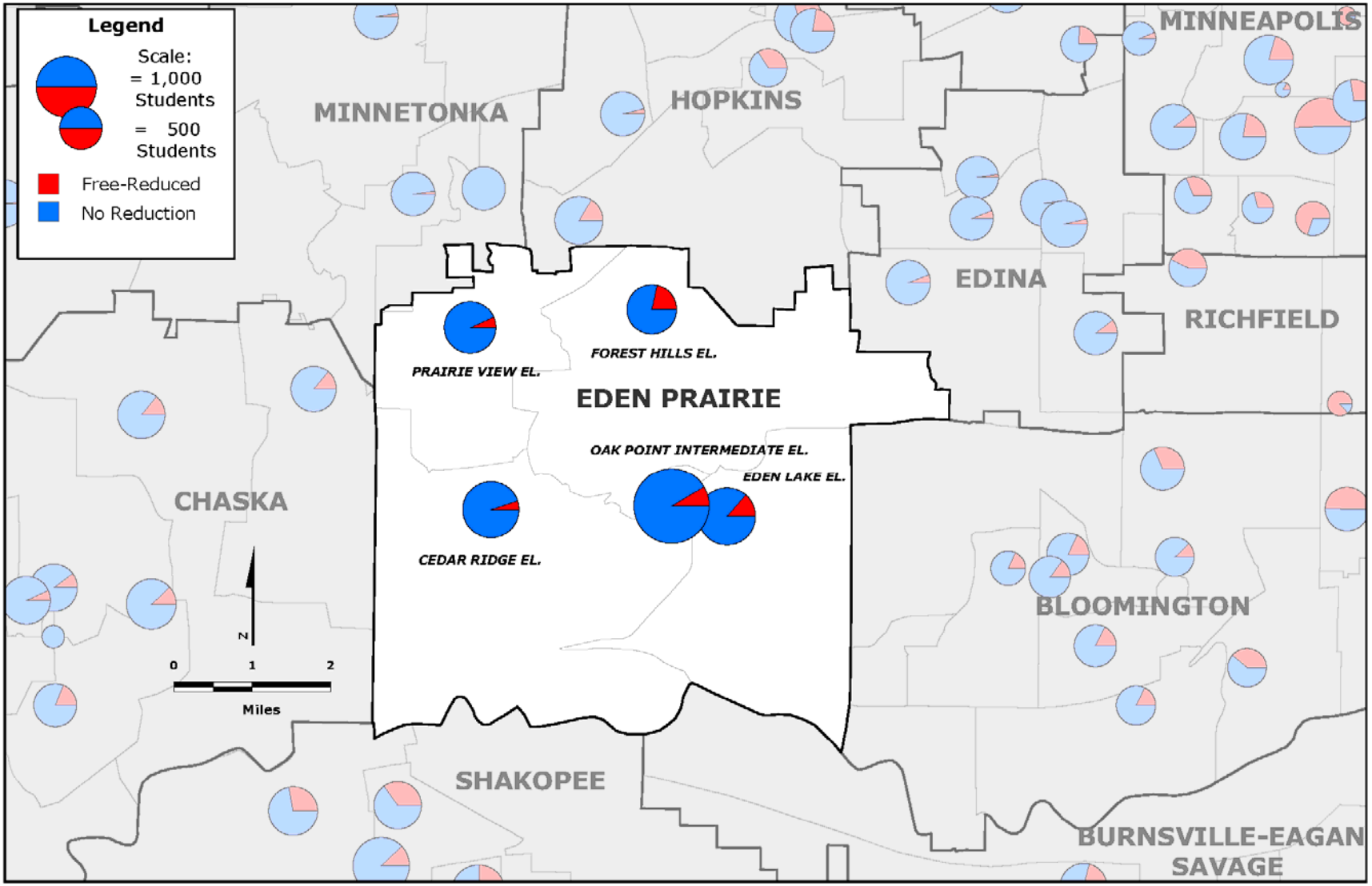

Data Source: MN Department of Education

institute on race and poverty
Research, Education and Advocacy

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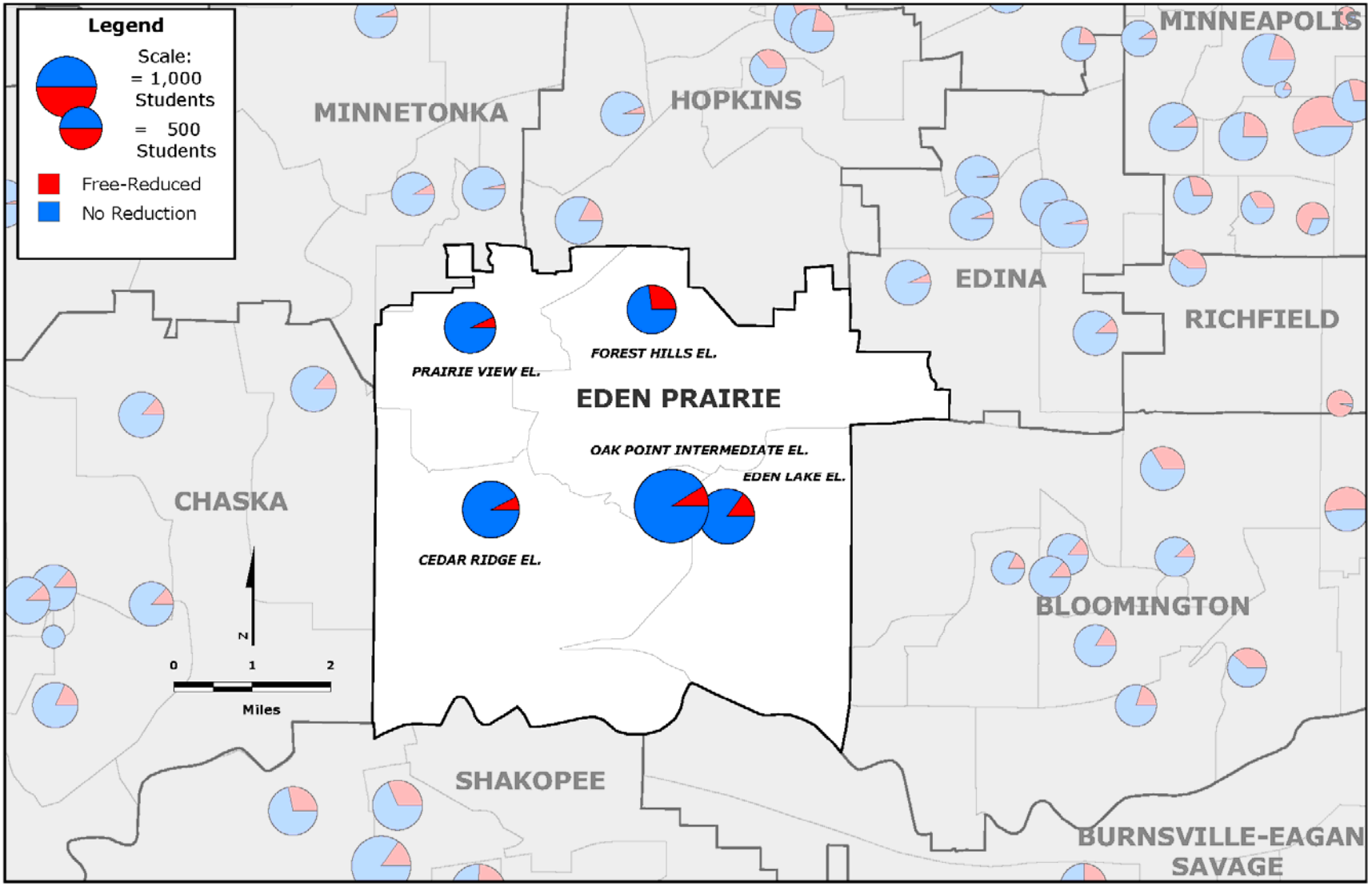

Data Source: MN Department of Education

institute on race and poverty
Research, Education and Advocacy

Eden Prairie School District and Surrounding Area
Free and Reduced Lunch Status
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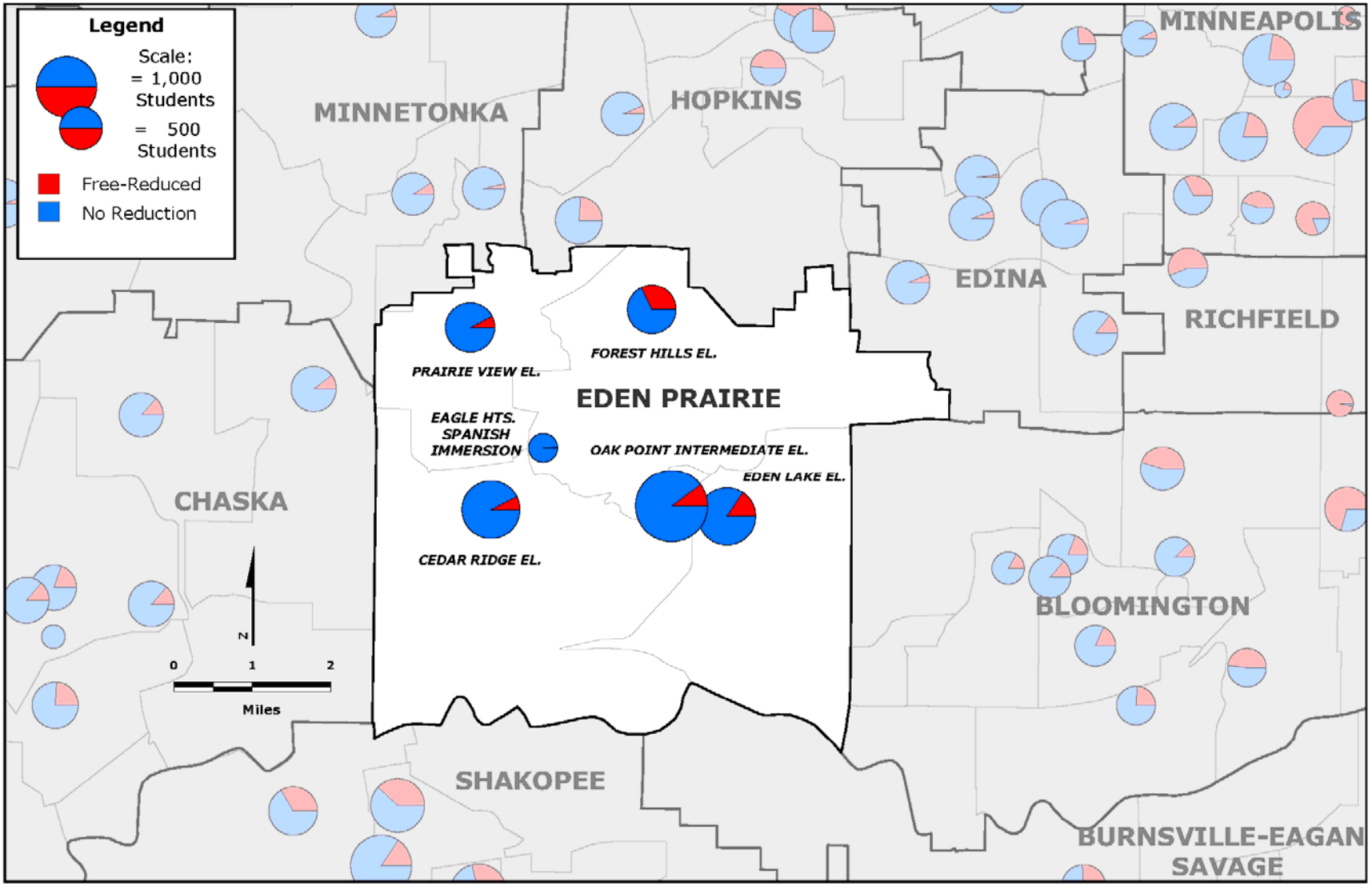

Data Source: MN Department of Education

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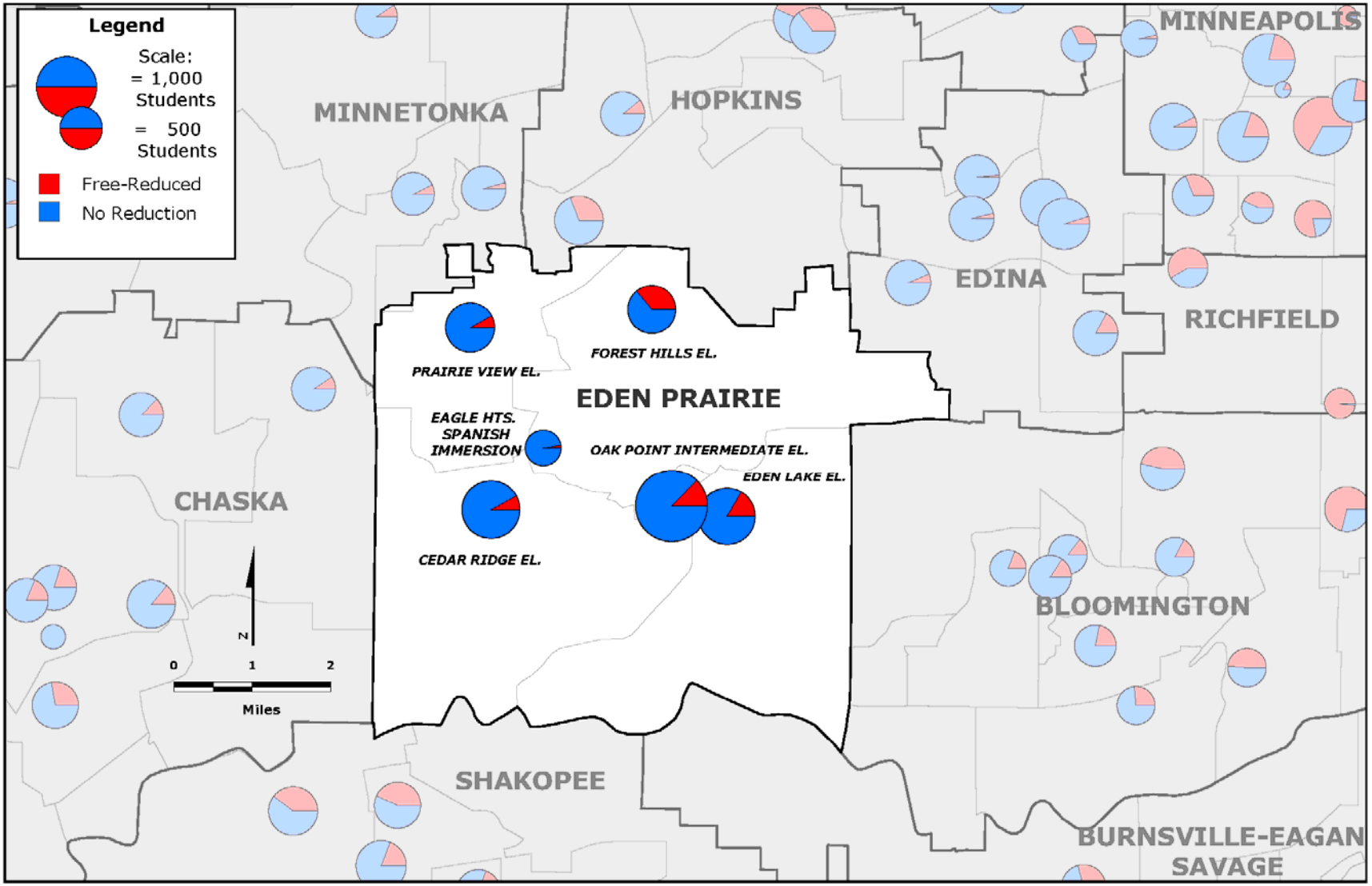
Eden Prairie School District and Surrounding Area
Free and Reduced Lunch Status
in Public Elementary Schools, 2007



Data Source: MN Department of Education

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Eden Prairie School District and Surrounding Area
Free and Reduced Lunch Status
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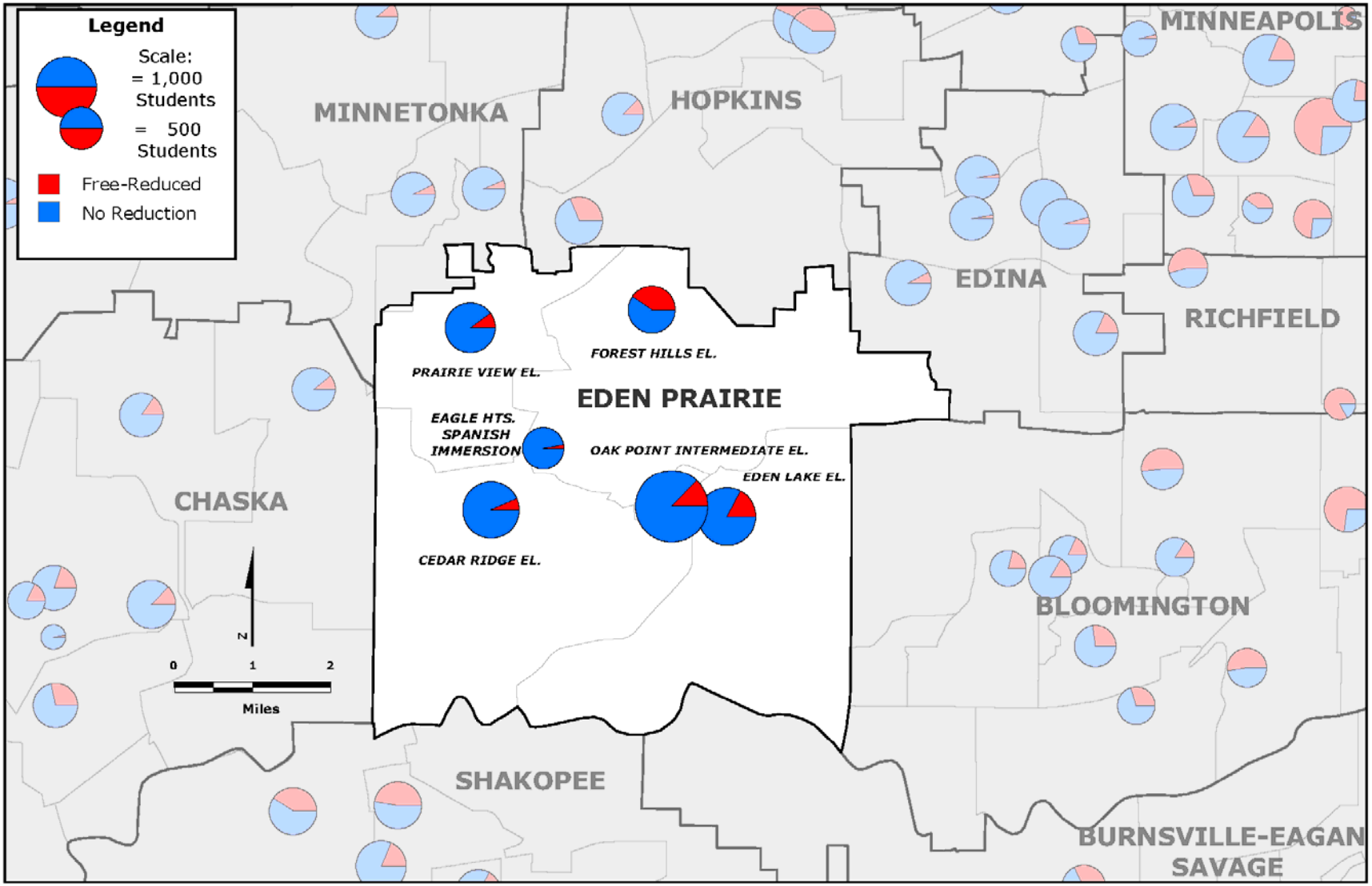

Data Source: MN Department of Education

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Eden Prairie School District and Surrounding Area
Free and Reduced Lunch Status
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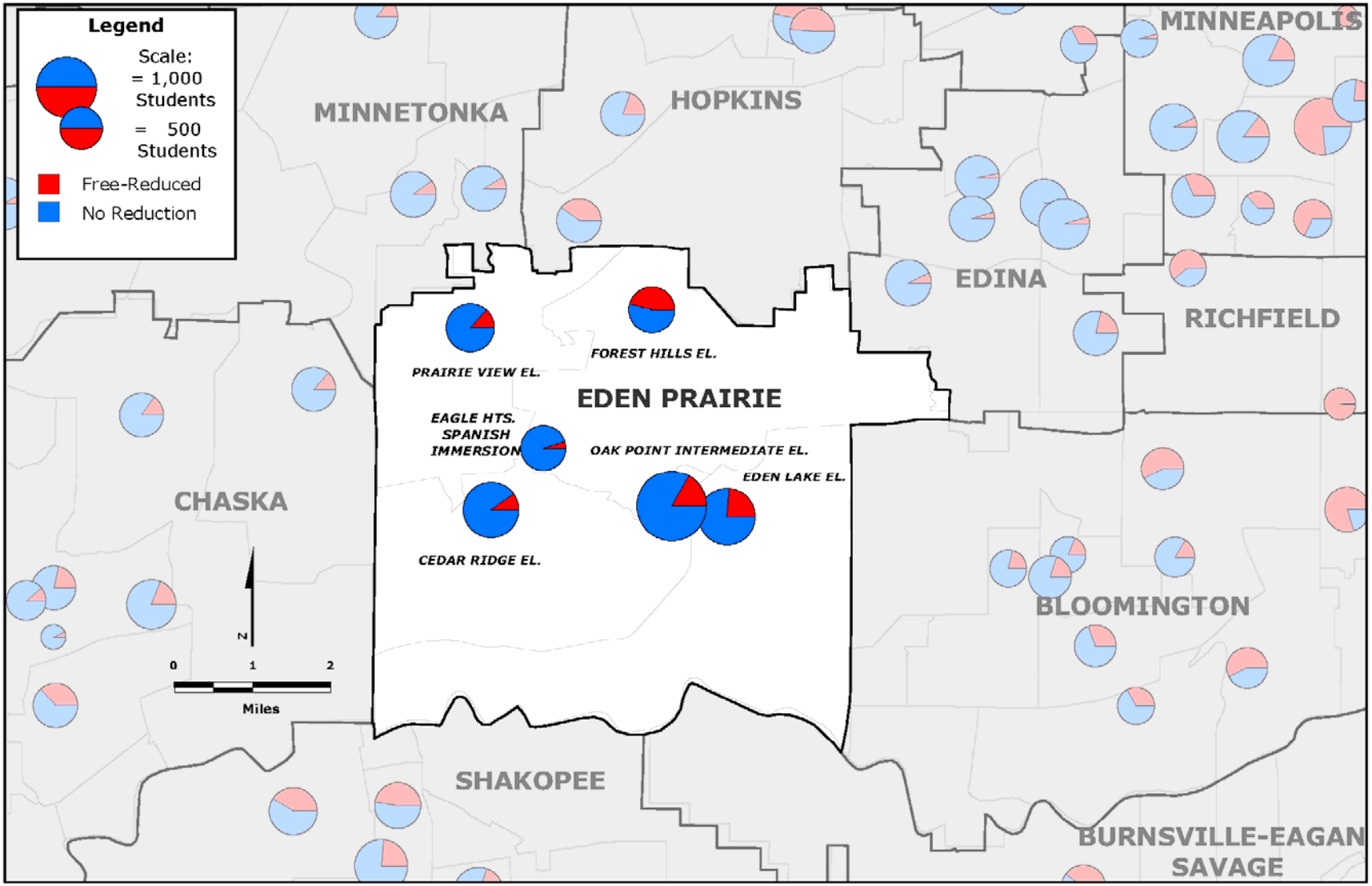

Data Source: MN Department of Education

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Eden Prairie School District and Surrounding Area
Free and Reduced Lunch Status
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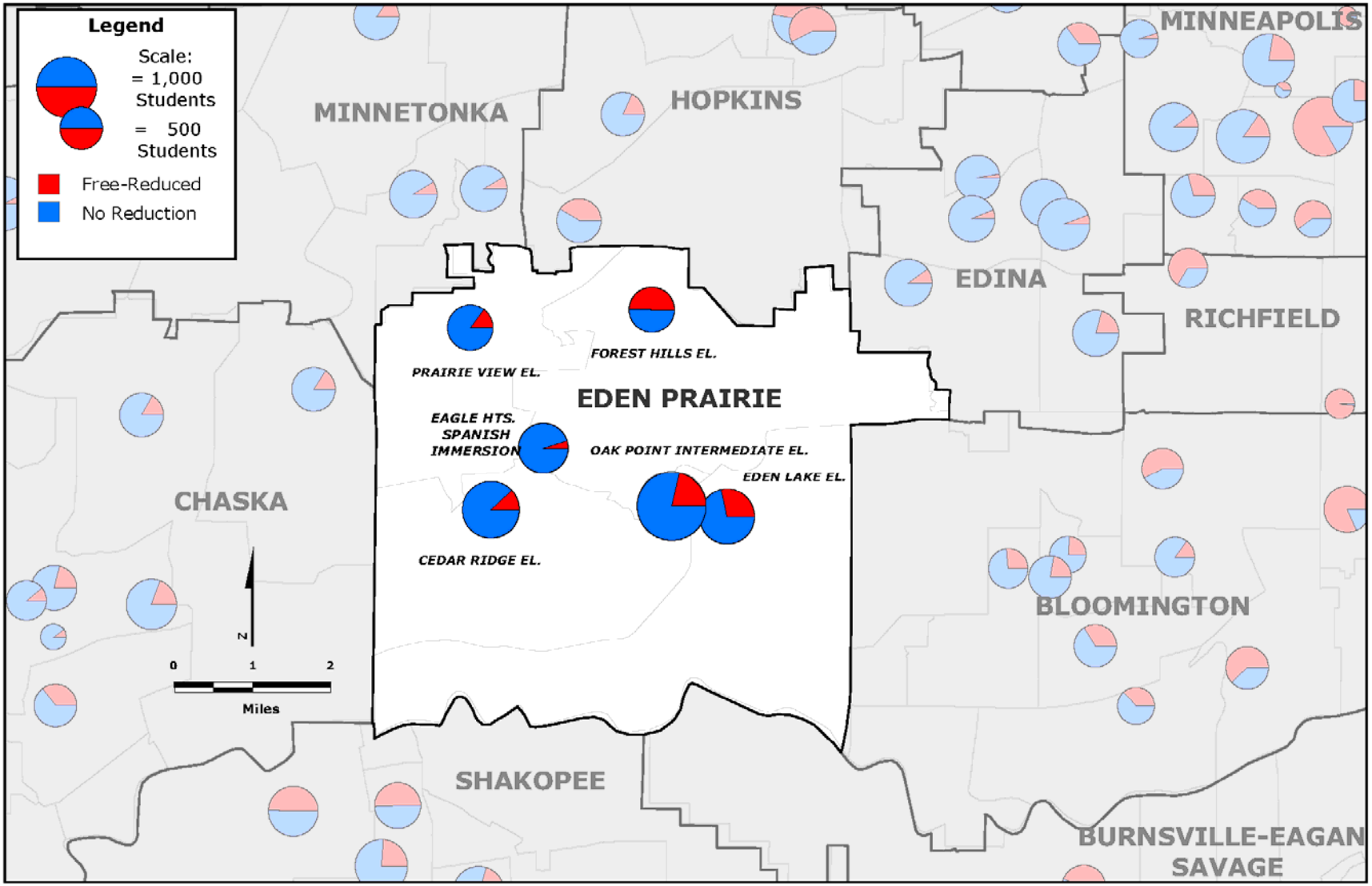

Data Source: MN Department of Education

Eden Prairie Boundaries

Current and Proposed Attendance Boundaries

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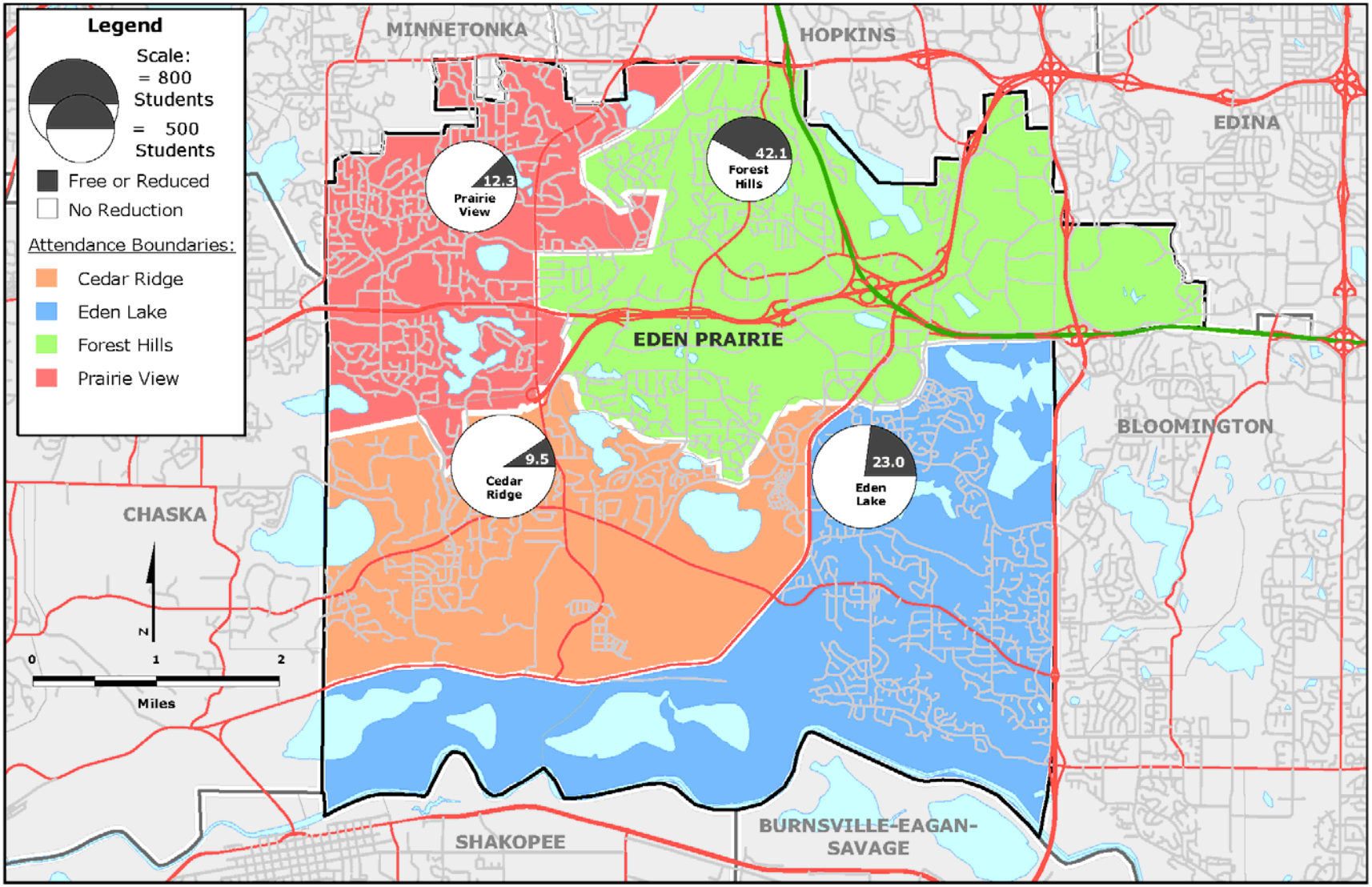
EDEN PRAIRIE SCHOOL DISTRICT
Free and Reduced Lunch in Current Configuration of Public Elementary Schools, 2010



Data Source: Eden Prairie Schools, NCompass, IRP

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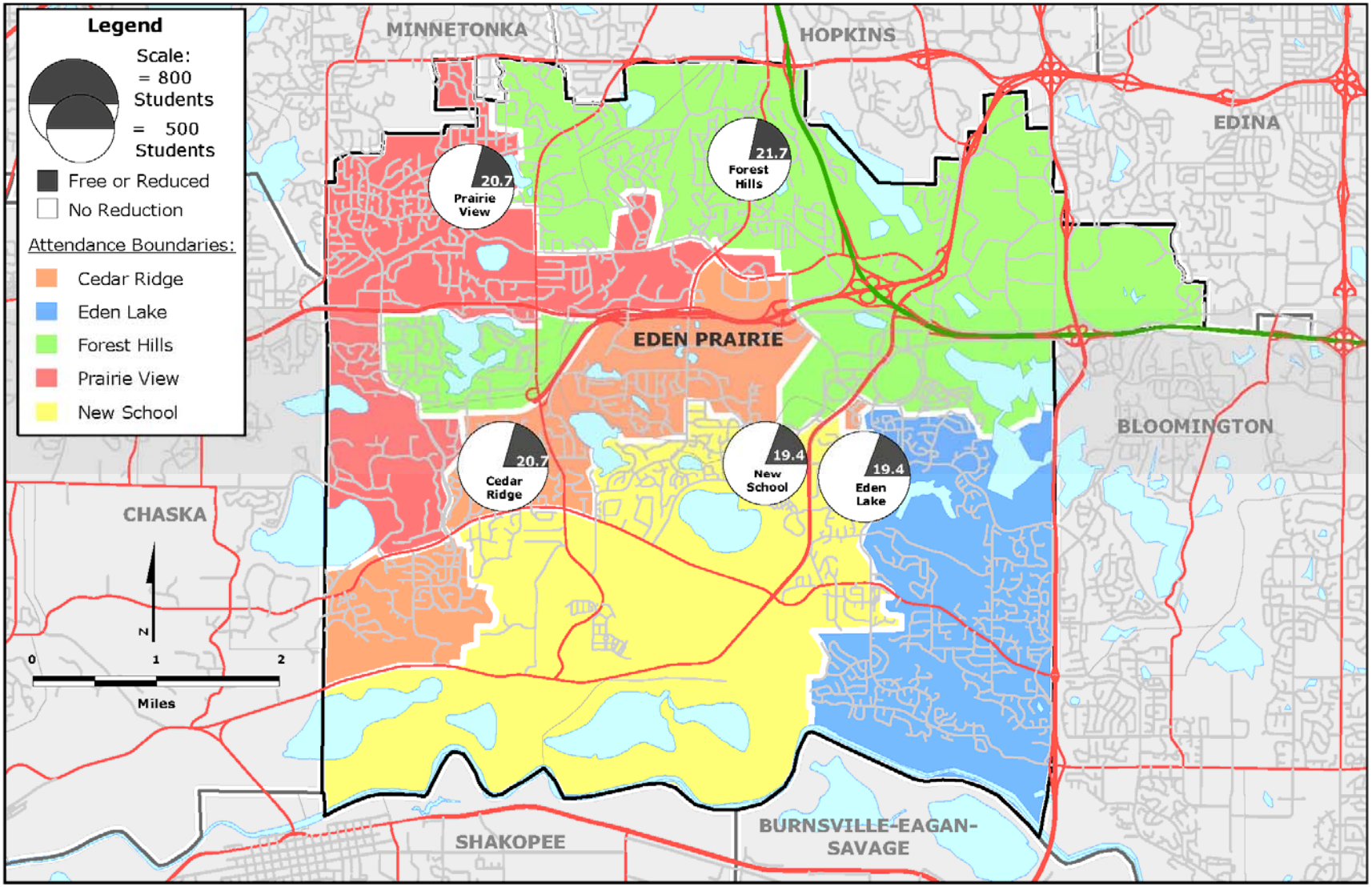
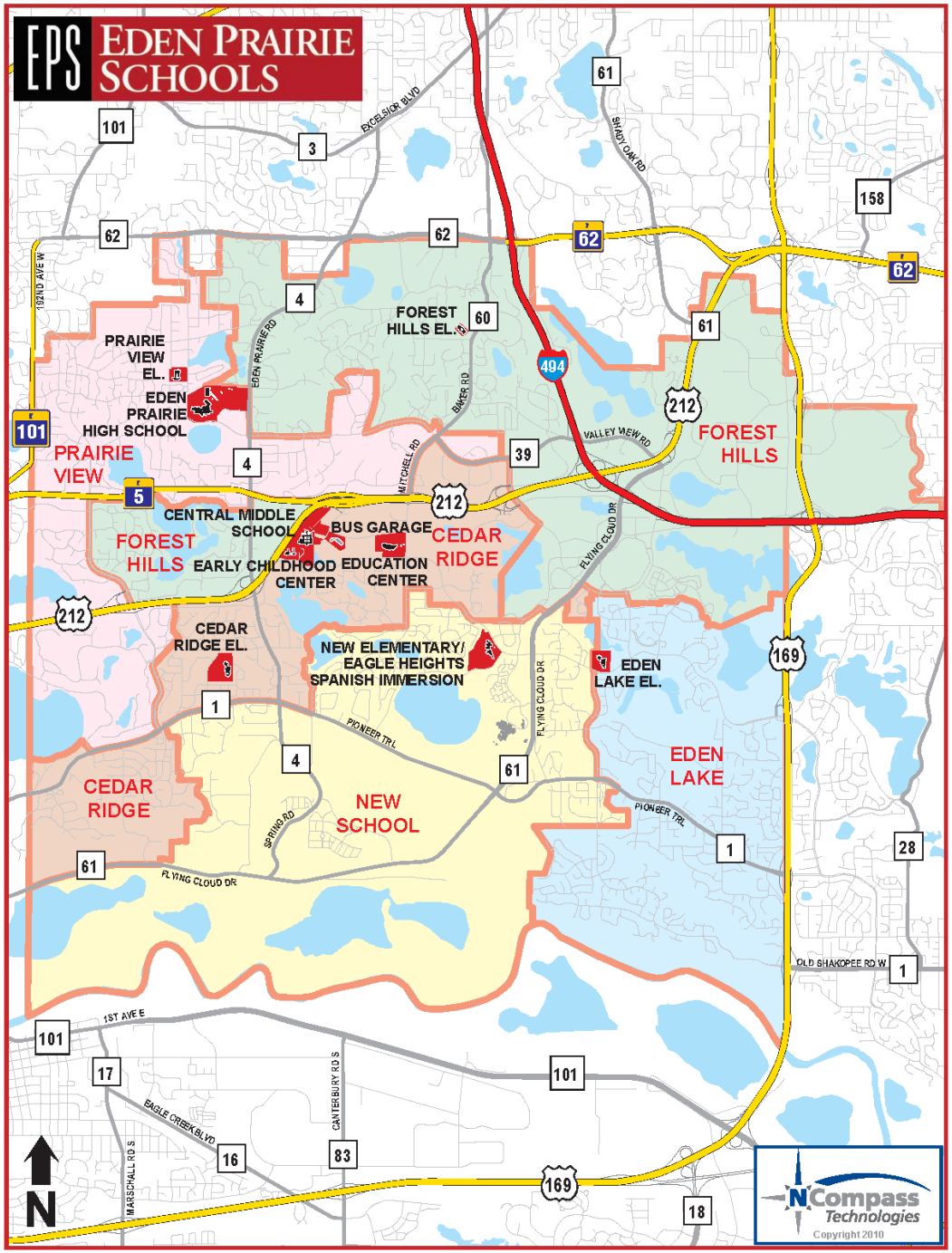
Research, Education and Advocacy

EDEN PRAIRIE SCHOOL DISTRICT
Free and Reduced Lunch in Proposed Configuration of Public Elementary Schools, 2011



Data Source: Eden Prairie Schools, NCompass, IRP


EPS EDEN PRAIRIE SCHOOLS
PRAIRIE VIEW EL.
EDEN PRAIRIE HIGH SCHOOL
PRAIRIE VIEW
FOREST HILLS EL.
FOREST HILLS
CENTRAL MIDDLE SCHOOL
BUS GARAGE
EARLY CHILDHOOD EDUCATION CENTER
CEDAR RIDGE
CEDAR RIDGE EL.
NEW ELEMENTARY/ EAGLE HEIGHTS SPANISH IMMERSION
EDEN LAKE EL.
EDEN LAKE
NEW SCHOOL
EXCELSIOR BLVD
SHADY OAK RD
EDEN PRAIRIE RD
BAKER RD
MITCHELL RD
VALLEY VIEW RD
FLYING CLOUD DR
PIONEER TRL
SPRING RD
OLD SHAKOPEE RD W
1ST AVE E
EAGLE CREEK BLVD
CANTERBURY RD S
MARSCHALL RD S
N
NCompass Technologies
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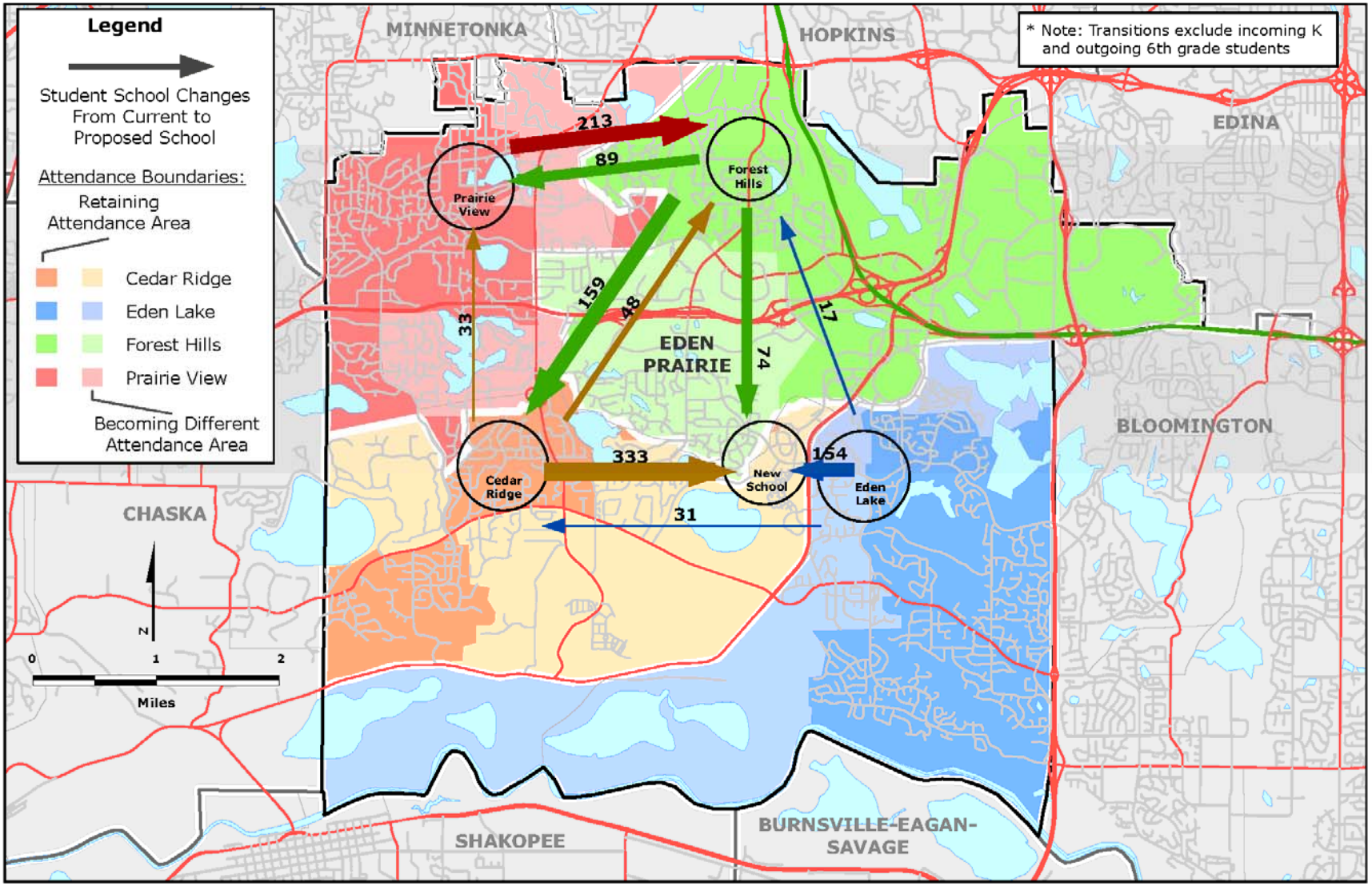
EDEN PRAIRIE SCHOOL DISTRICT
Flows of the Potential Number of Students Experiencing a Transition* from the Current to Proposed Public Elementary Schools.



Data Source: Eden Prairie Schools, NCompass, IRP

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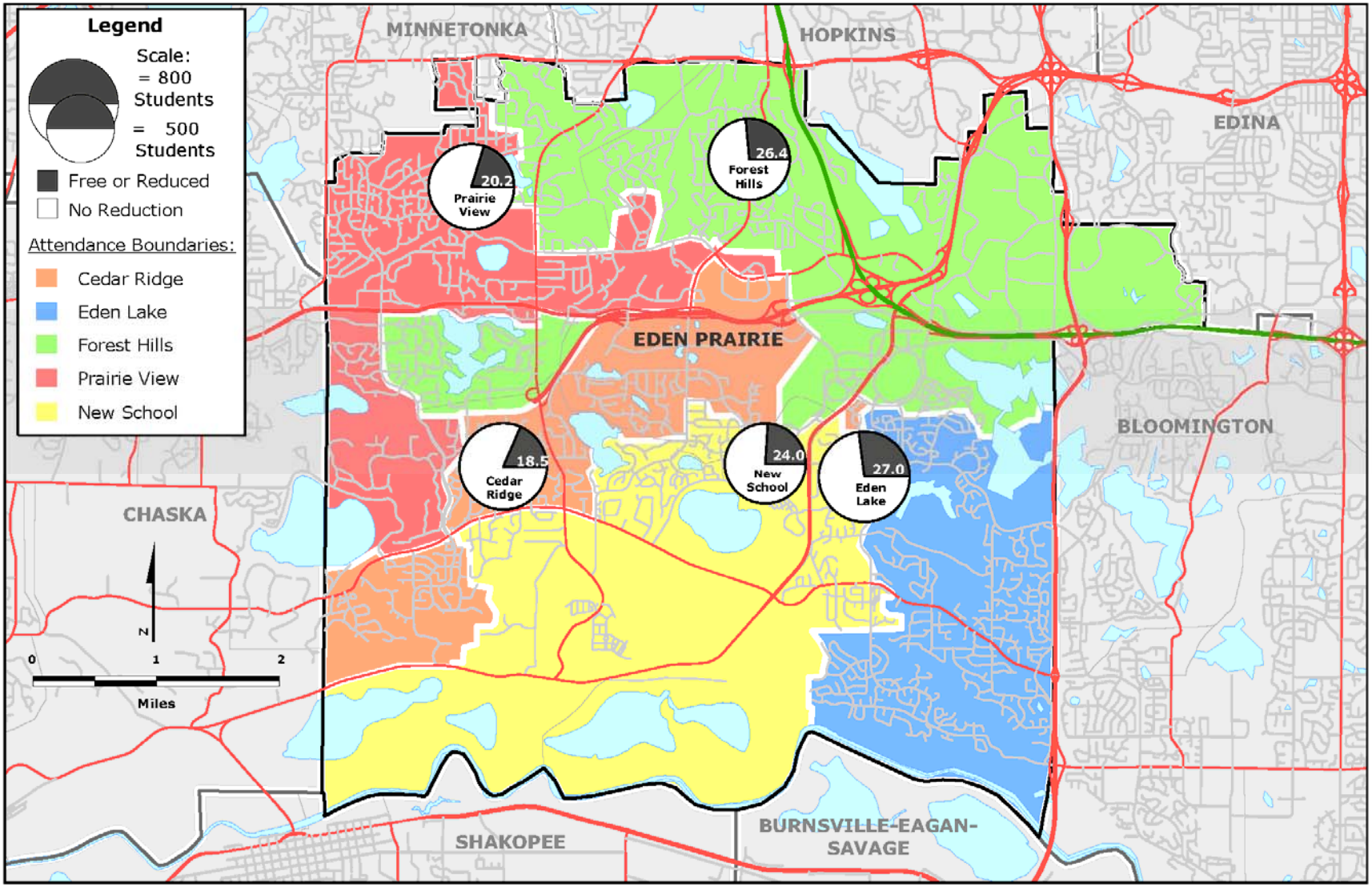
EDEN PRAIRIE SCHOOL DISTRICT
Free and Reduced Lunch in New Proposed Configuration of Public Elementary Schools, 2011



Data Source: Eden Prairie Schools (from January 2011 report and map), NCompass, IRP

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Research, Education and Advocacy

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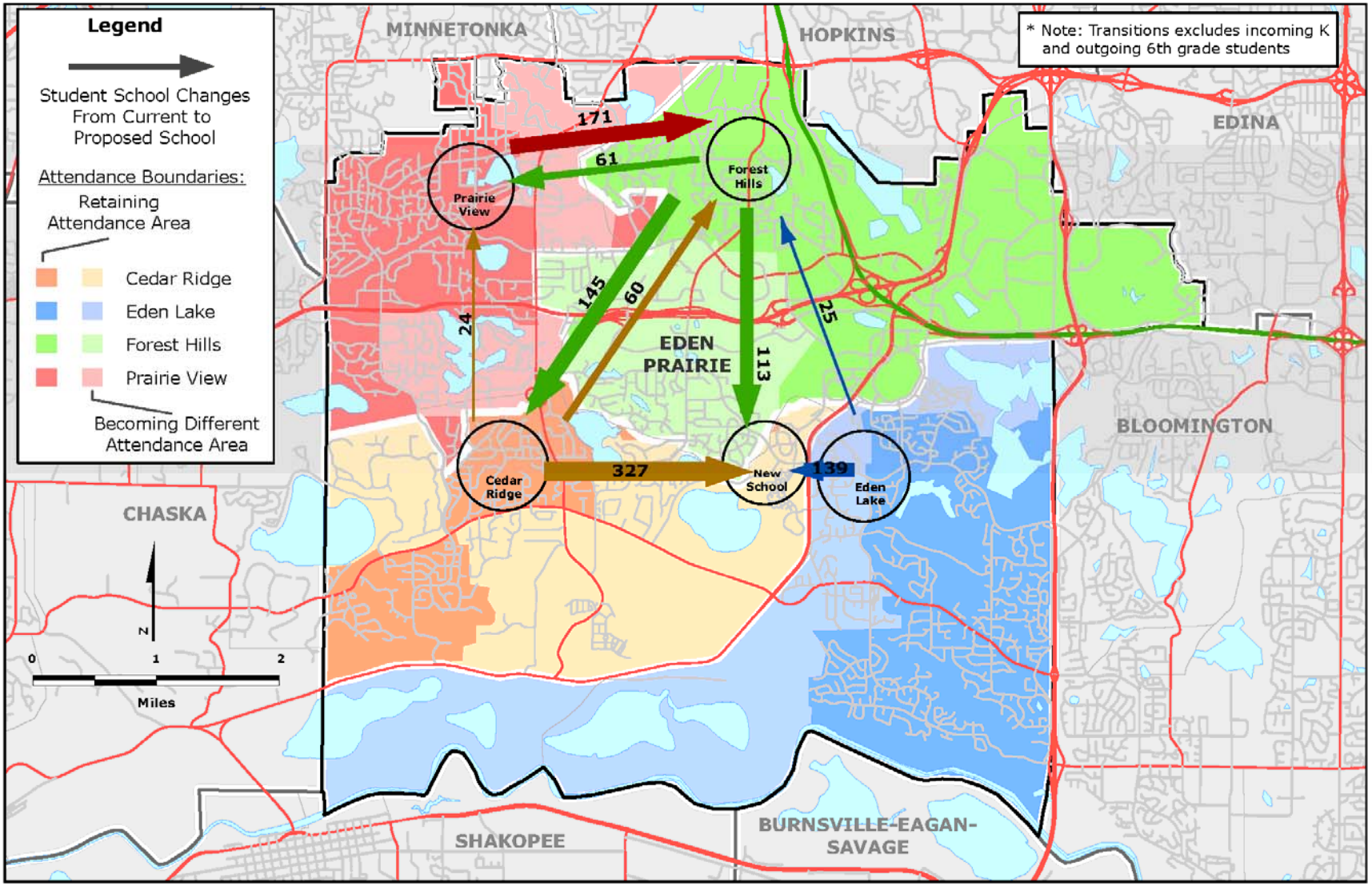
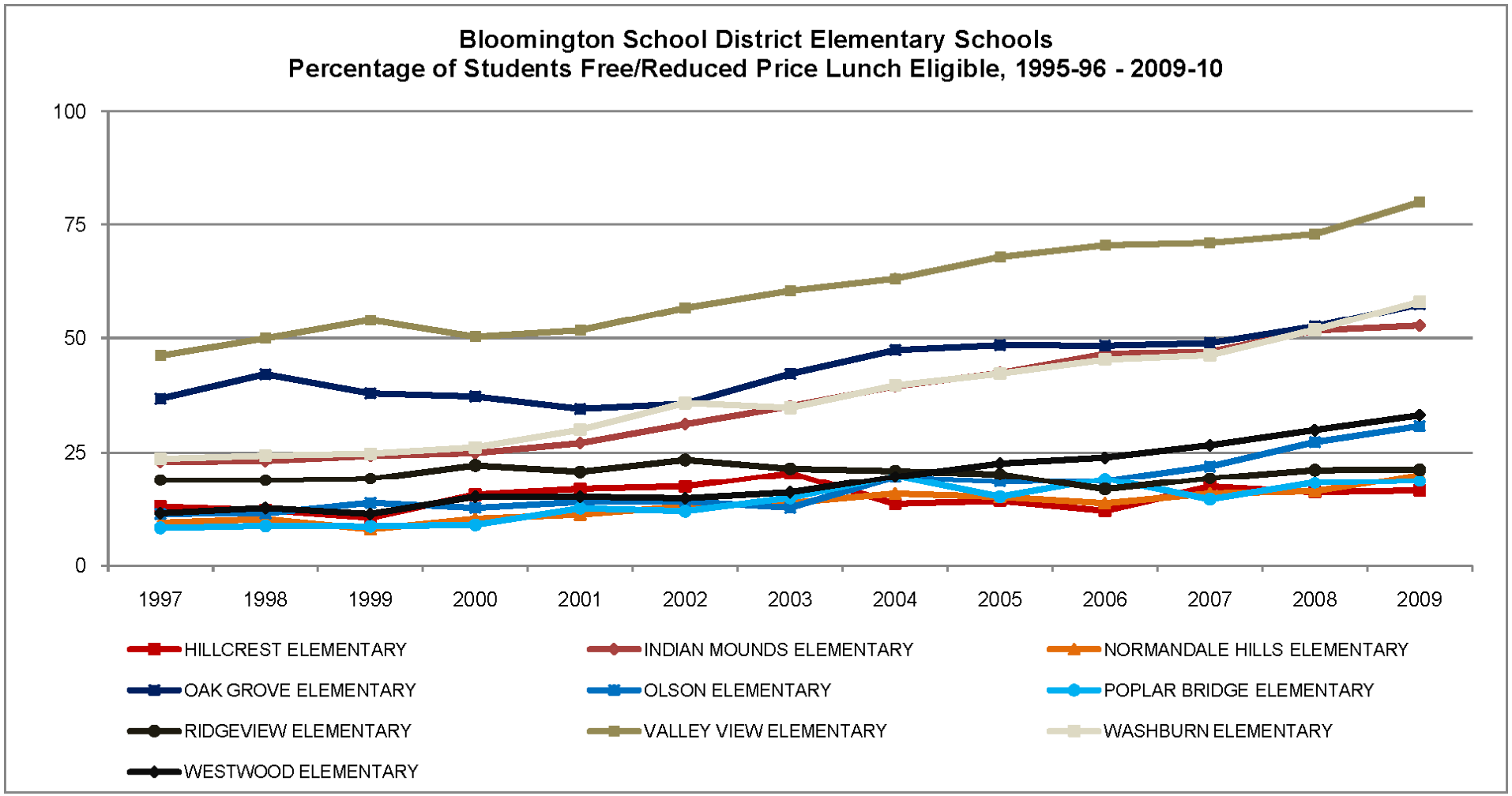
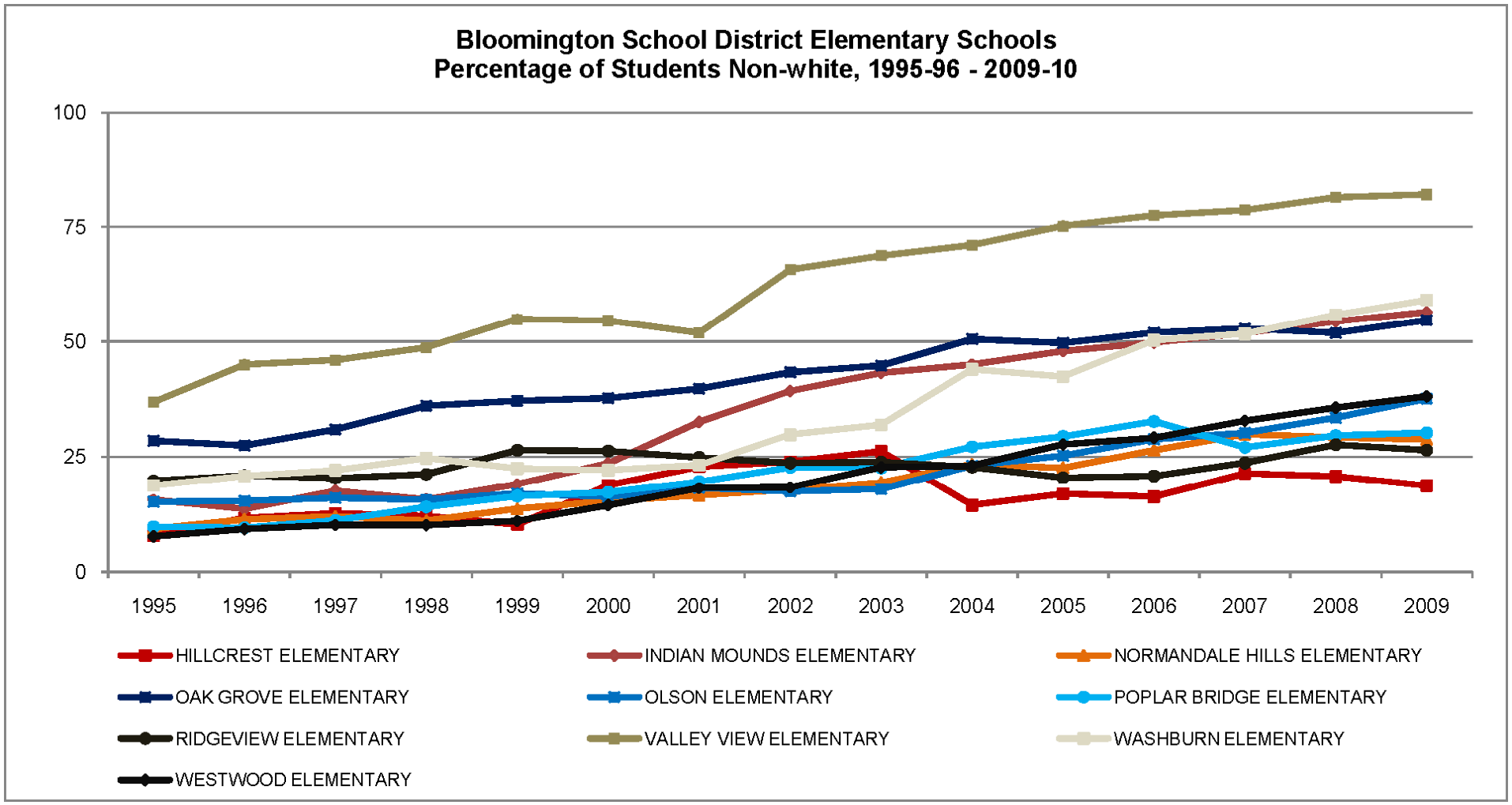
Flows of the Number of Students Experiencing a Transition* from the Current to Proposed Public Elementary Schools.



Data Source: Eden Prairie Schools (from January 2011 report and map), NCompass, IRP

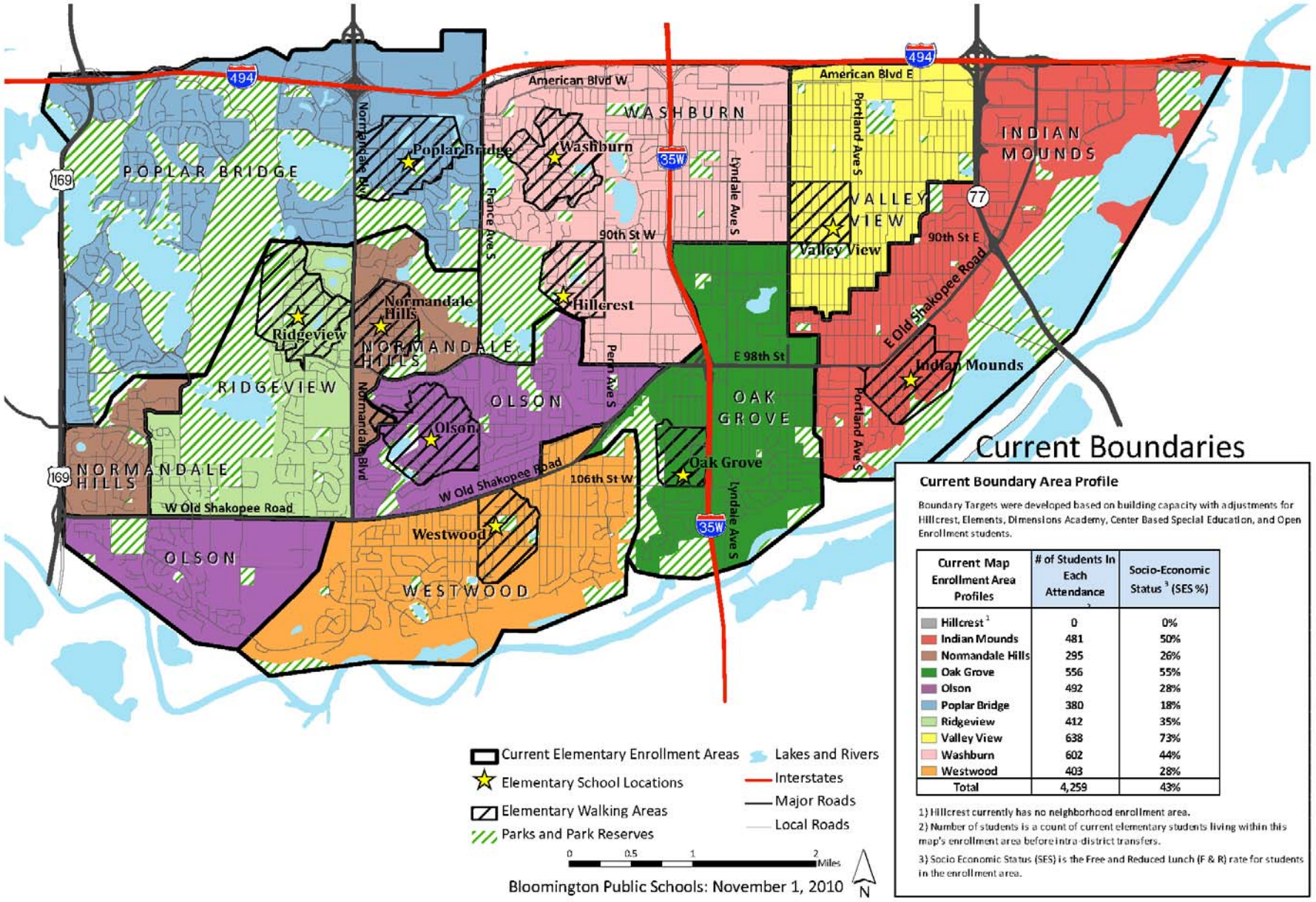
Bloomington Elementary School Demographics


Bloomington School District Elementary Schools
Percentage of Students Free/Reduced Price Lunch Eligible, 1995-96 - 2009-10
100
75
50
25
0
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
HILLCREST ELEMENTARY
INDIAN MOUNDS ELEMENTARY
NORMANDALE HILLS ELEMENTARY
OAK GROVE ELEMENTARY
OLSON ELEMENTARY
POPLAR BRIDGE ELEMENTARY
RIDGEVIEW ELEMENTARY
VALLEY VIEW ELEMENTARY
WASHBURN ELEMENTARY
WESTWOOD ELEMENTARY


Bloomington School District Elementary Schools
Percentage of Students Non-white, 1995-96 - 2009-10
100
75
50
25
0
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
HILLCREST ELEMENTARY
INDIAN MOUNDS ELEMENTARY
NORMANDALE HILLS ELEMENTARY
OAK GROVE ELEMENTARY
OLSON ELEMENTARY
POPLAR BRIDGE ELEMENTARY
RIDGEVIEW ELEMENTARY
VALLEY VIEW ELEMENTARY
WASHBURN ELEMENTARY
WESTWOOD ELEMENTARY

Bloomington Elementary School Boundary Proposals

Current 2010-11 Boundary Area Map



Bloomington Public Schools: November 1, 2010

Current Boundaries

Current Boundary Area Profile

Boundary Targets were developed based on building capacity with adjustments for Hillcrest, Elements, Dimensions Academy, Center Based Special Education, and Open Enrollment students.

Current Map Enrollment Area Profiles	# of Students In Each Attendance [2]	Socio-Economic Status [3] (SES %)
Hillcrest [1]	0	0%
Indian Mounds	481	50%
Normandale Hills	295	26%
Oak Grove	556	55%
Olson	492	28%
Poplar Bridge	380	18%
Ridgeview	412	35%
Valley View	638	73%
Washburn	602	44%
Westwood	403	28%
Total	4,259	43%

1) Hillcrest currently has no neighborhood enrollment area.

2) Number of students is a count of current elementary students living within this map's enrollment area before intra-district transfers.

3) Socio Economic Status (SES) is the Free and Reduced lunch (F & R) rate for students in the enrollment area.

Bloomington Elementary School Boundary Proposals: Summary of SES (Free and Reduced Price Lunch Eligibility) Disparities

	Current	Map A		Map B		Map C		Map D		Map E		Map F1		Map F2	
	%	%	Chg	%	Chg	%	Chg	%	Chg	%	Chg	%	Chg	%	Chg
Hillcrest	n.a.	n.a.		35		31		37		37				32	
Indian Mounds	50	51	1	53	3	51	1	48	-2	53	3	51	1	51	1
Normandale Hills	26	33	7	41	15	35	9	34	8	41	15	33	7	33	7
Oak Grove	55	59	4	57	2	61	6	52	-3	46	-9	44	-11	44	-11
Olson	28	36	8	28	0	35	7	32	4	30	2	30	2	30	2
Poplar Bridge	18	28	10	28	10	29	11	49	31	47	29	28	10	25	7
Ridgeview	35	35	0	28	-7	35	0	26	-9	24	-11	32	-3	32	-3
Valley View	73	72	-1	72	-1	73	0	61	-12	61	-12	75	2	75	2
Washburn	44	56	12	56	12	56	12	46	2	46	2	42	-2	46	2
Westwood	28	28	0	28	0	26	-2	35	7	36	8	34	6	34	6
Max - Min	55	44	-11	44	-11	47	-8	35	-20	37	-18	47	-8	50	-5

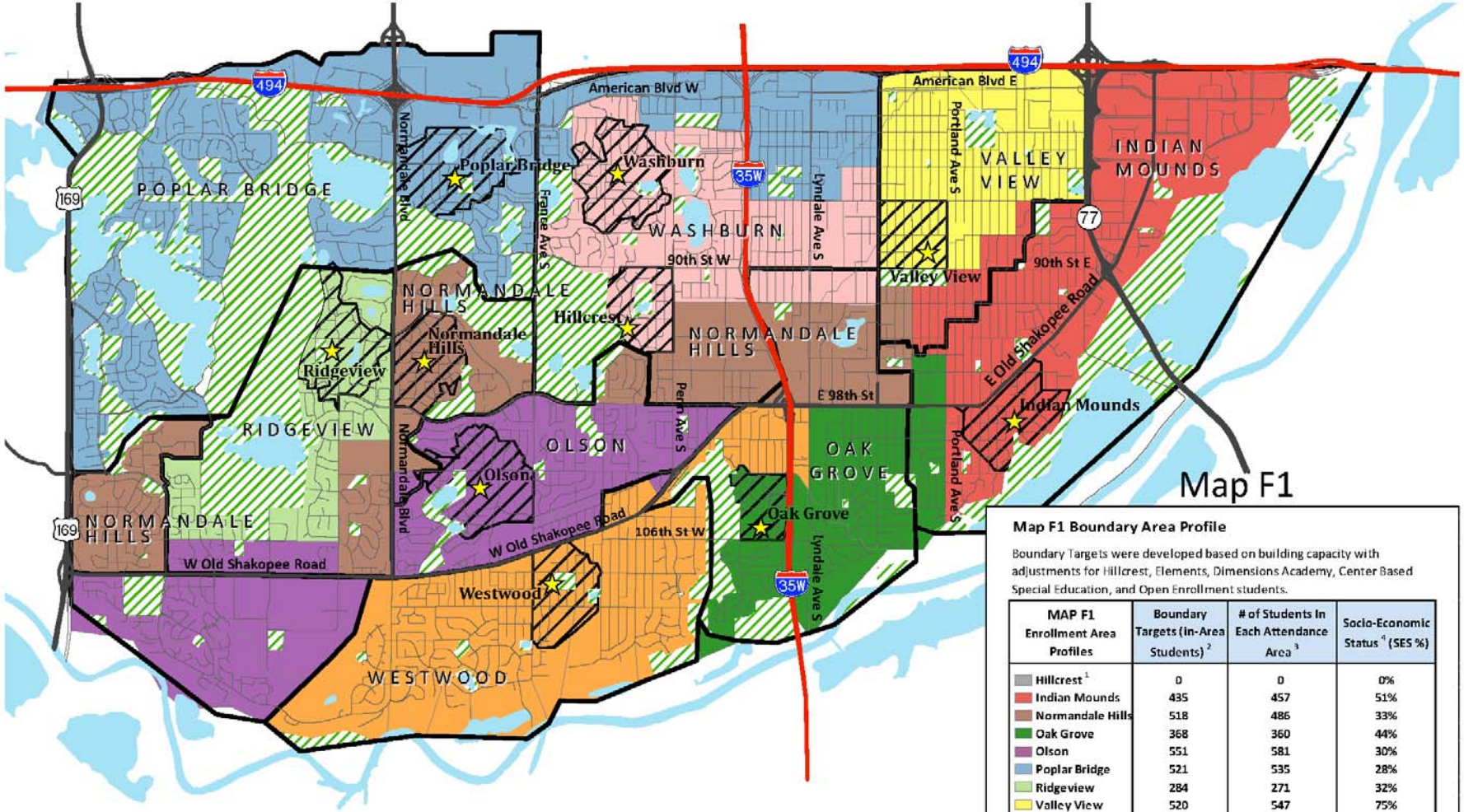
Maps A - E were used during the comment period. Maps F1 and F2 were developed after comments for presentation to the Board for the final selection.

Prepared by Institute on Race and Poverty from Bloomington School District data reported on maps.

Characteristics of the Proposals

- Maps A, B and C – variations which minimized changes from current map.
- Maps D and E – variations which attempted some balancing by race and poverty.
- Maps F and G – variations which resulted from community input sessions. Most similar to A-C, but with less equalizing than A-C.
- Final selection was F2 (with minor changes)—the least equalizing option among all of the considered maps.

ENSRP Preliminary Boundary Area Maps



Current Elementary Enrollment Areas
Elementary School Locations
Parks and Park Reserves
Lakes and Rivers
Interstates
Major Roads
Local Roads

0 0.5 1 2 Miles

N

Bloomington Public Schools: December 2, 2010

Map F1

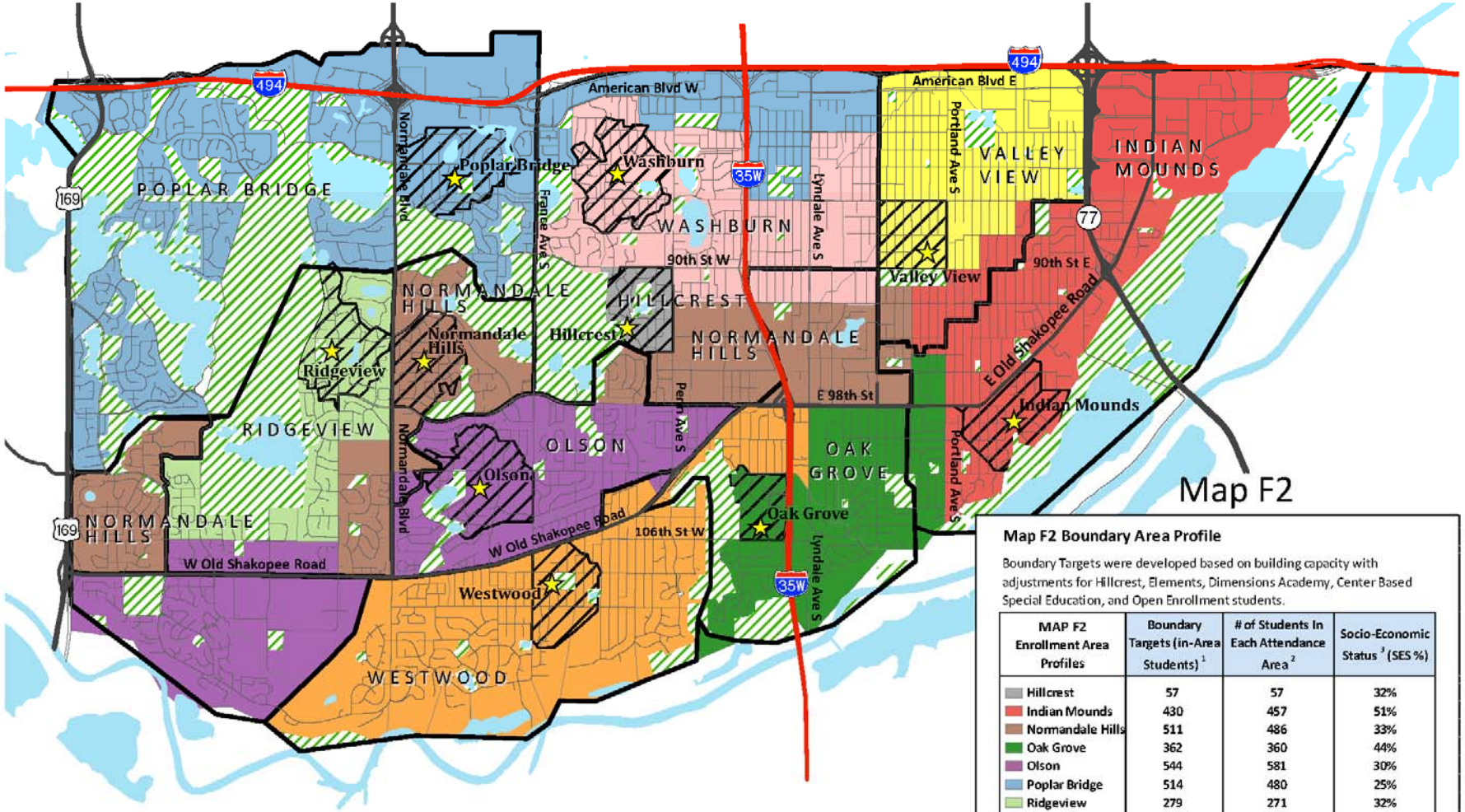
Map F1 Boundary Area Profile

Boundary Targets were developed based on building capacity with adjustments for Hillcrest, Elements, Dimensions Academy, Center Based Special Education, and Open Enrollment students.

MAP F1 Enrollment Area Profiles	Boundary Targets (In-Area Students) [2]	# of Students In Each Attendance Area [3]	Socio-Economic Status [4] (SES %)
Hillcrest [1]	0	0	0%
Indian Mounds	435	457	51%
Normandale Hills	518	486	33%
Oak Grove	368	360	44%
Olson	551	581	30%
Poplar Bridge	521	535	28%
Ridgeview	284	271	32%
Valley View	520	547	75%
Washburn	518	511	42%
Westwood	502	510	34%
Total	4,217	4,258	41%

1) This map assumes that Hillcrest has no neighborhood enrollment area.
2) Boundary targets may be larger or smaller than capacity to account for net transfers in and out of attendance areas.
3) Number of students is a count of current elementary students living within this map's enrollment area before intra-district transfers.
4) Socio Economic Status (SES) is the Free and Reduced Lunch (F & R) rate for students in the enrollment area.

ENSRP Preliminary Boundary Area Maps



Map F2

Current Elementary Enrollment Areas
Elementary School Locations
Parks and Park Reserves
Lakes and Rivers
Interstates
Major Roads
Local Roads

0 0.5 1 2 Miles

N

Bloomington Public Schools: December 2, 2010

Map F2 Boundary Area Profile

Boundary Targets were developed based on building capacity with adjustments for Hillcrest, Elements, Dimensions Academy, Center Based Special Education, and Open Enrollment students.

MAP F2 Enrollment Area Profiles	Boundary Targets (in-Area Students) [1]	# of Students In Each Attendance Area [2]	Socio-Economic Status [3] (SES %)
Hillcrest	57	57	32%
Indian Mounds	430	457	51%
Normandale Hills	511	486	33%
Oak Grove	362	360	44%
Olson	544	581	30%
Poplar Bridge	514	480	25%
Ridgeview	279	271	32%
Valley View	514	547	75%
Washburn	511	509	45%
Westwood	495	510	34%
Total	4,217	4,258	41%

1) Boundary targets may be larger or smaller than capacity to account for net transfers in and out of attendance areas.

2) Number of students is a count of current elementary students living within this map's enrollment area before intra-district transfers.

3) Socio Economic Status (SES) is the Free and Reduced Lunch (F & R) rate for students in the enrollment area.

Boston Metropolitan Area Maps

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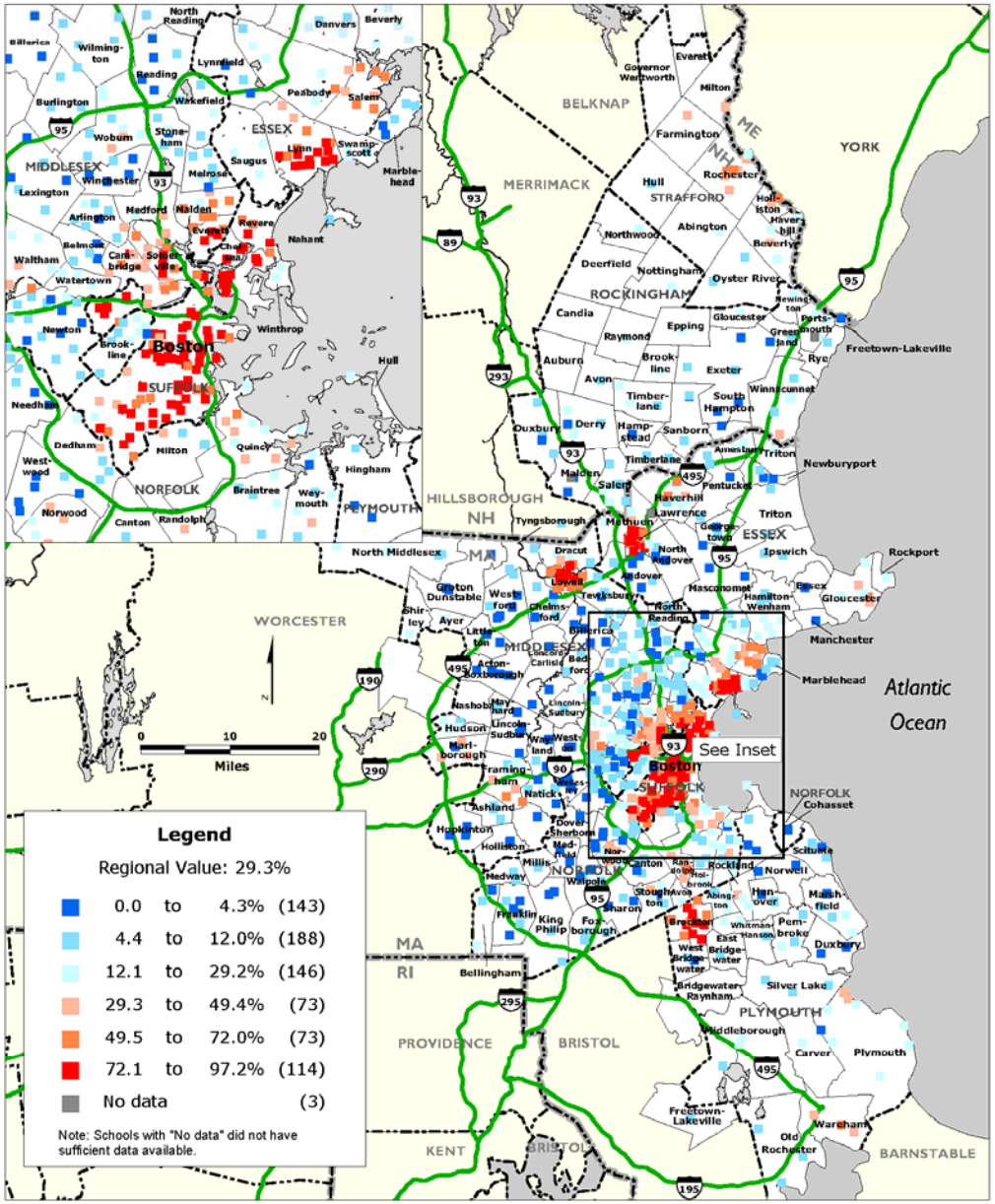
BOSTON REGION
Percentage of Elementary Students Eligible for Free or Reduced Lunch by School, 2009



Data Source: National Center for Education Statistics

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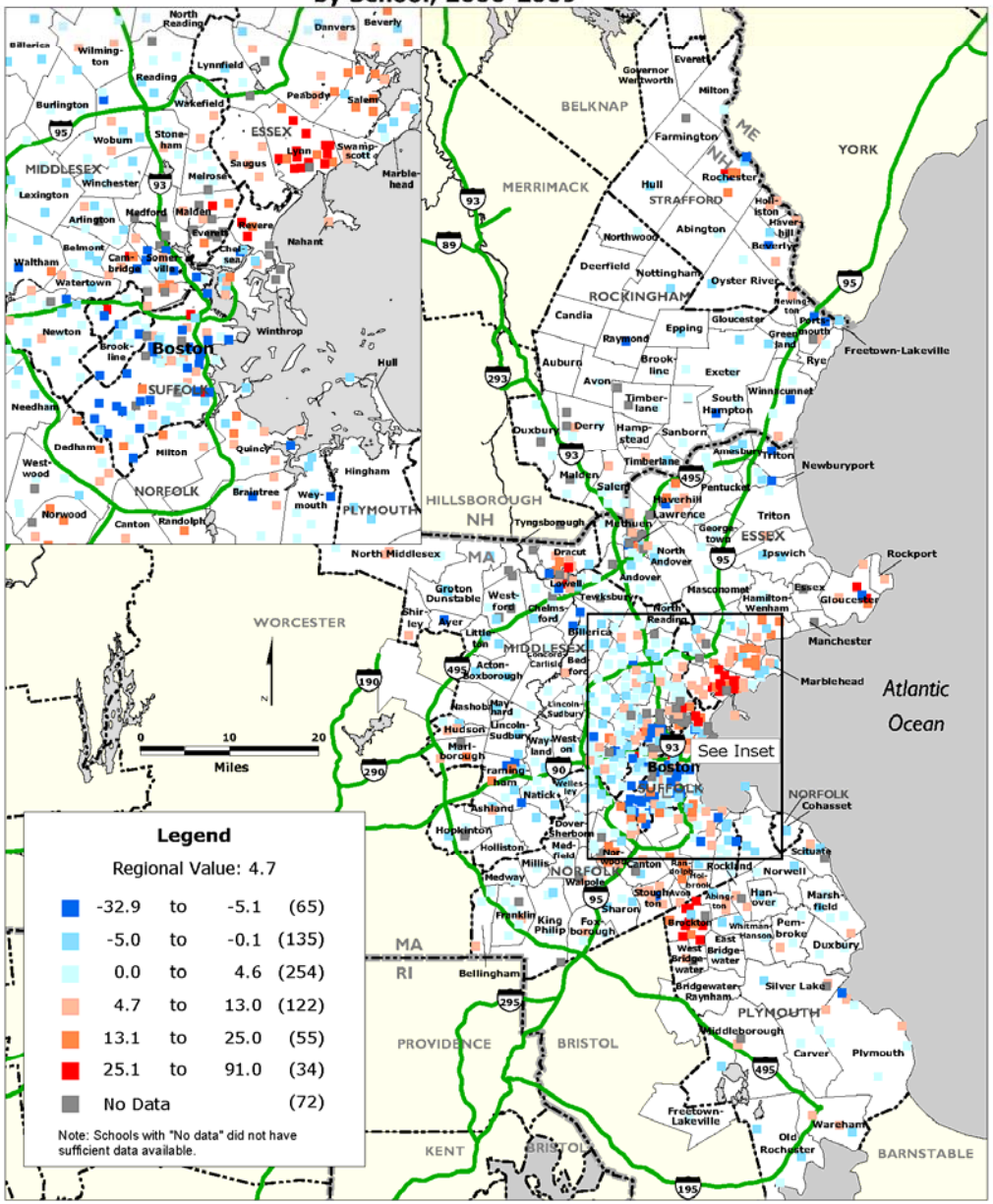
BOSTON REGION
Percentage Point Change in the Share of Elementary Students Eligible for Free or Reduced Lunch by School, 2000-2009



Data Source: National Center for Education Statistics

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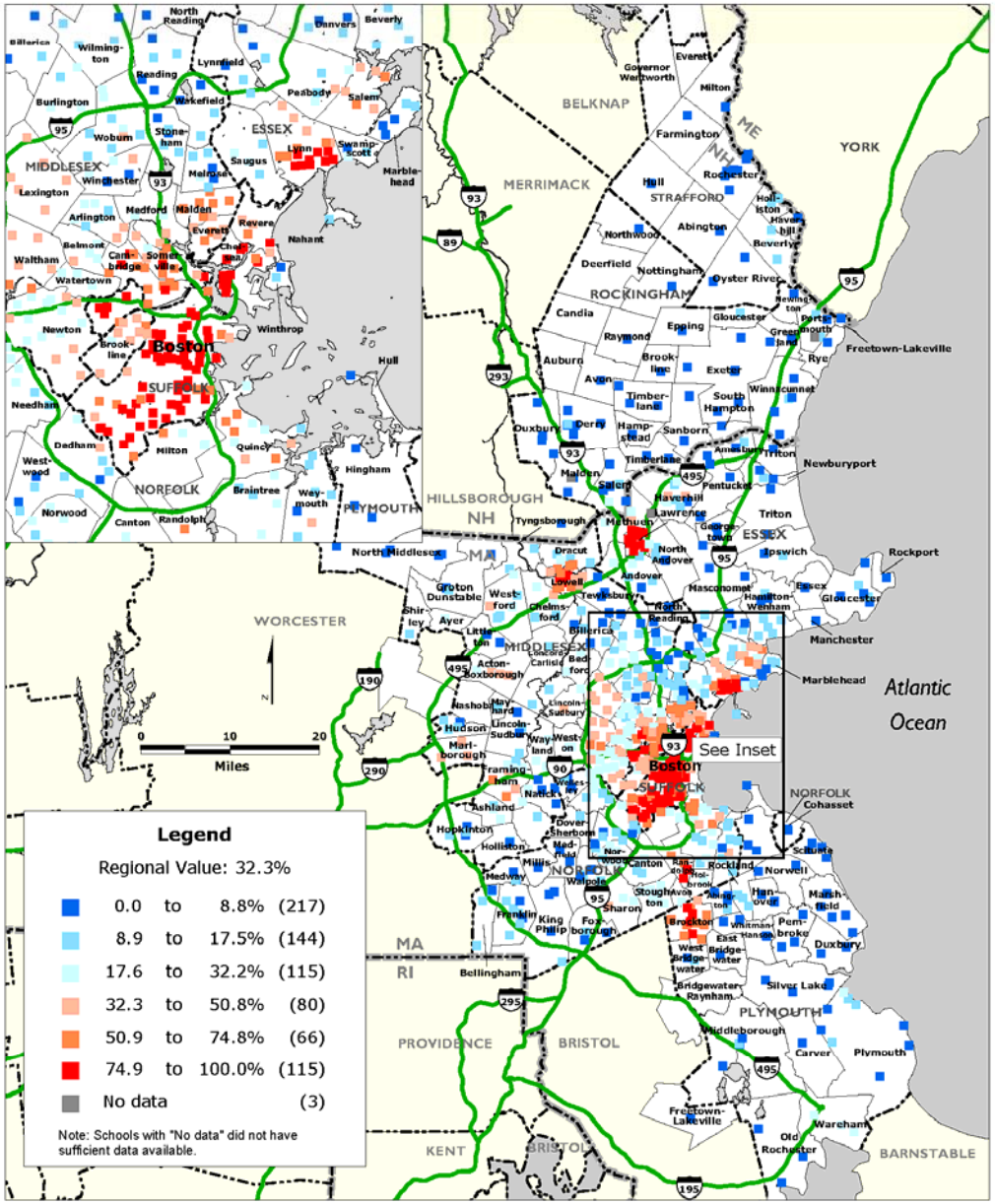
BOSTON REGION
Percentage Minority Elementary Students by School, 2009



Data Source: National Center for Education Statistics

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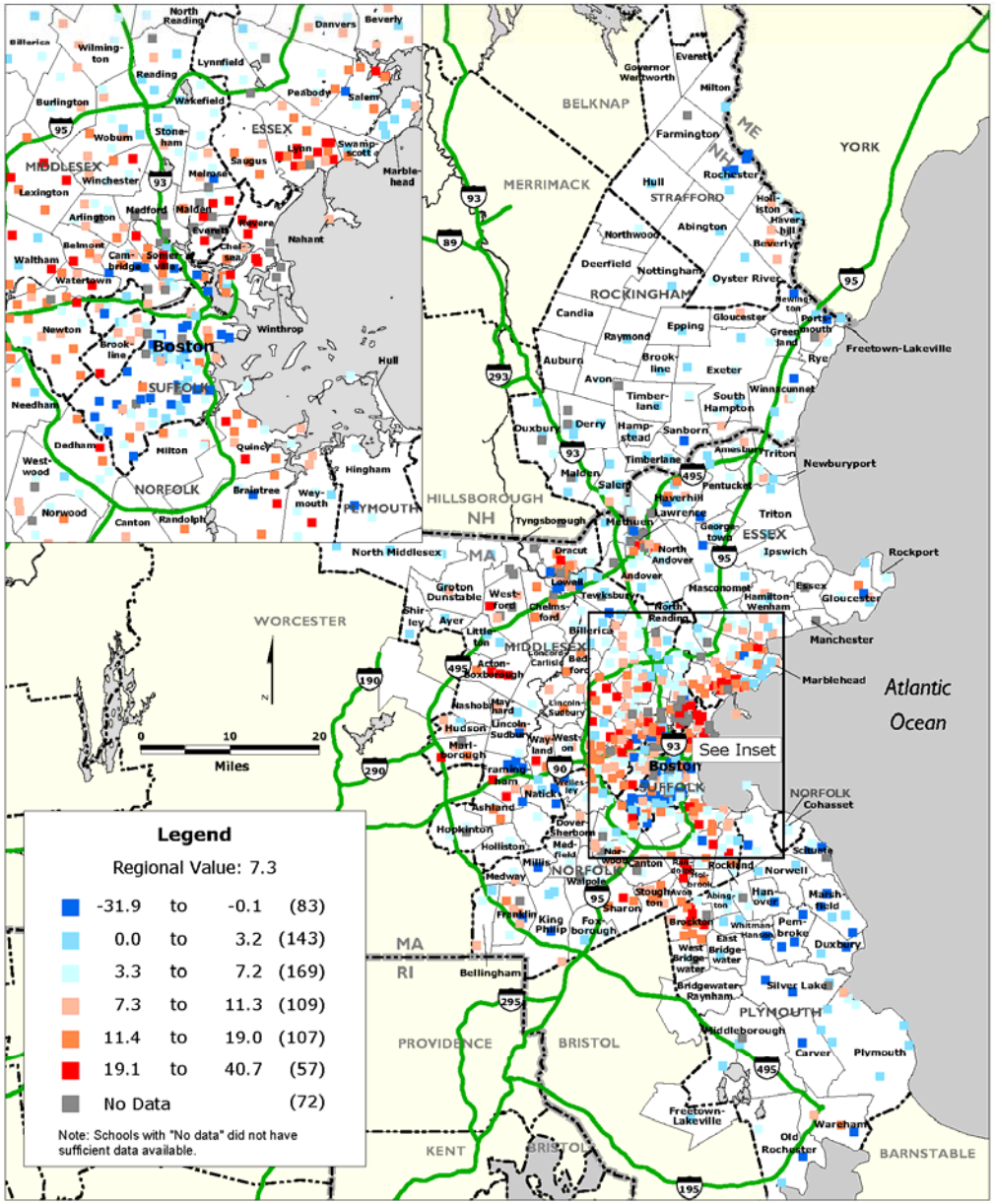
BOSTON REGION
Percentage Point Change in the Share of Minority Elementary Students by School, 2000-2009



Data Source: National Center for Education Statistics

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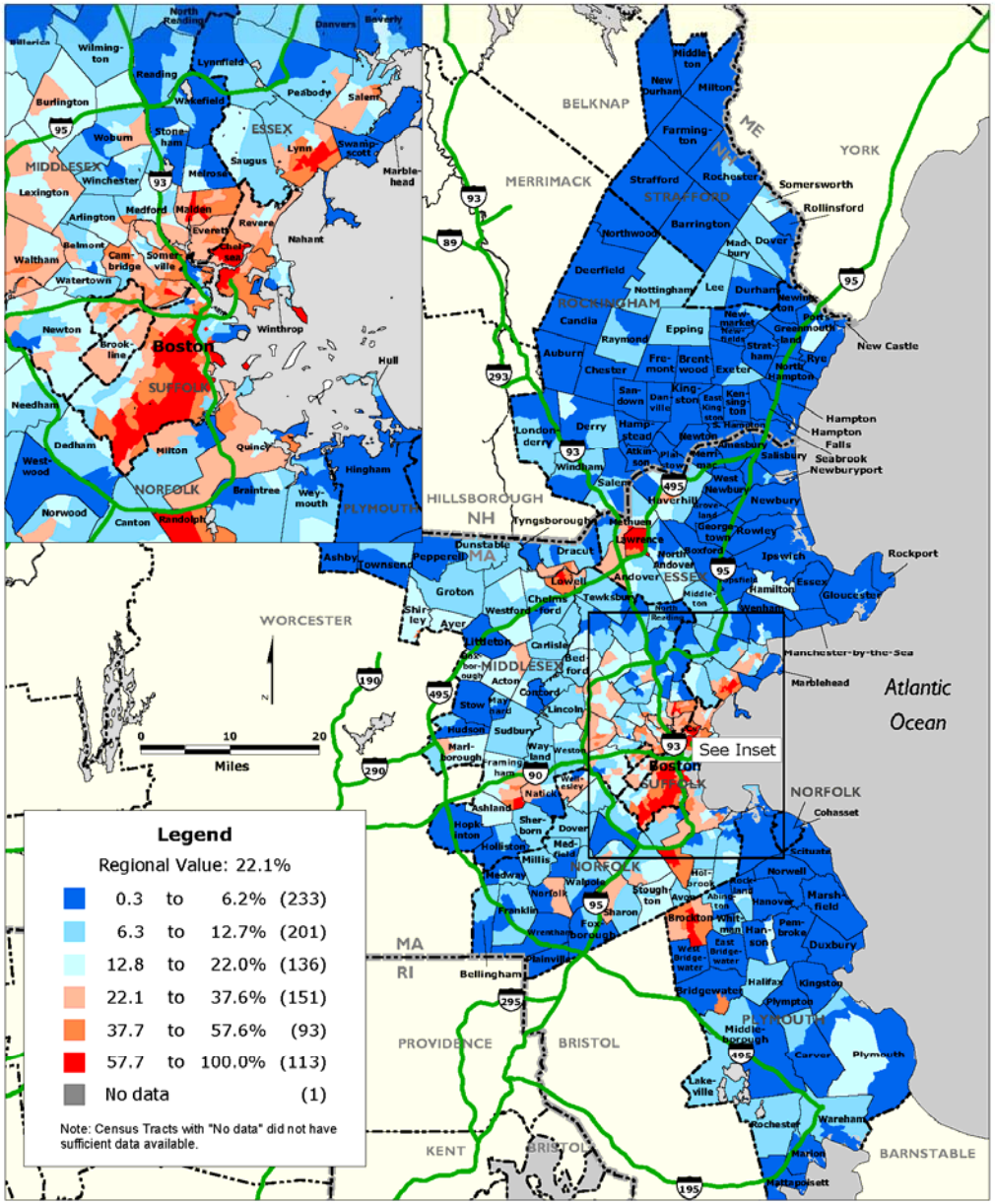
BOSTON REGION: Percentage Minority Population by Census Tract, 2005-2009



Data Source: U.S. Census Bureau.

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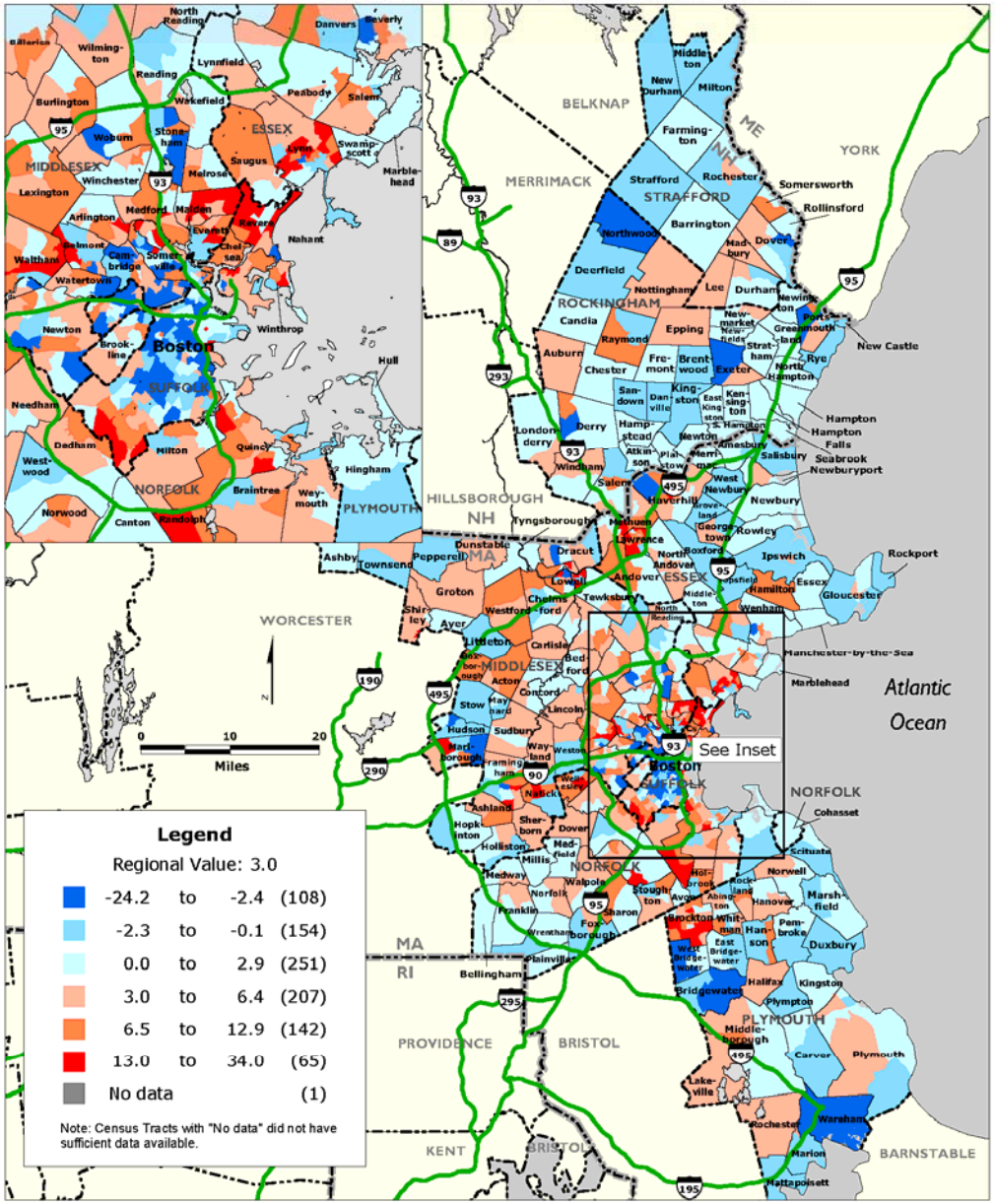
BOSTON REGION:
Percentage Change in the Share of Minority Population by Census Tract, 2000-2007*

*2005-2009 American Community Survey data denotes the end year 2007.



Data Source: U.S. Census Bureau.

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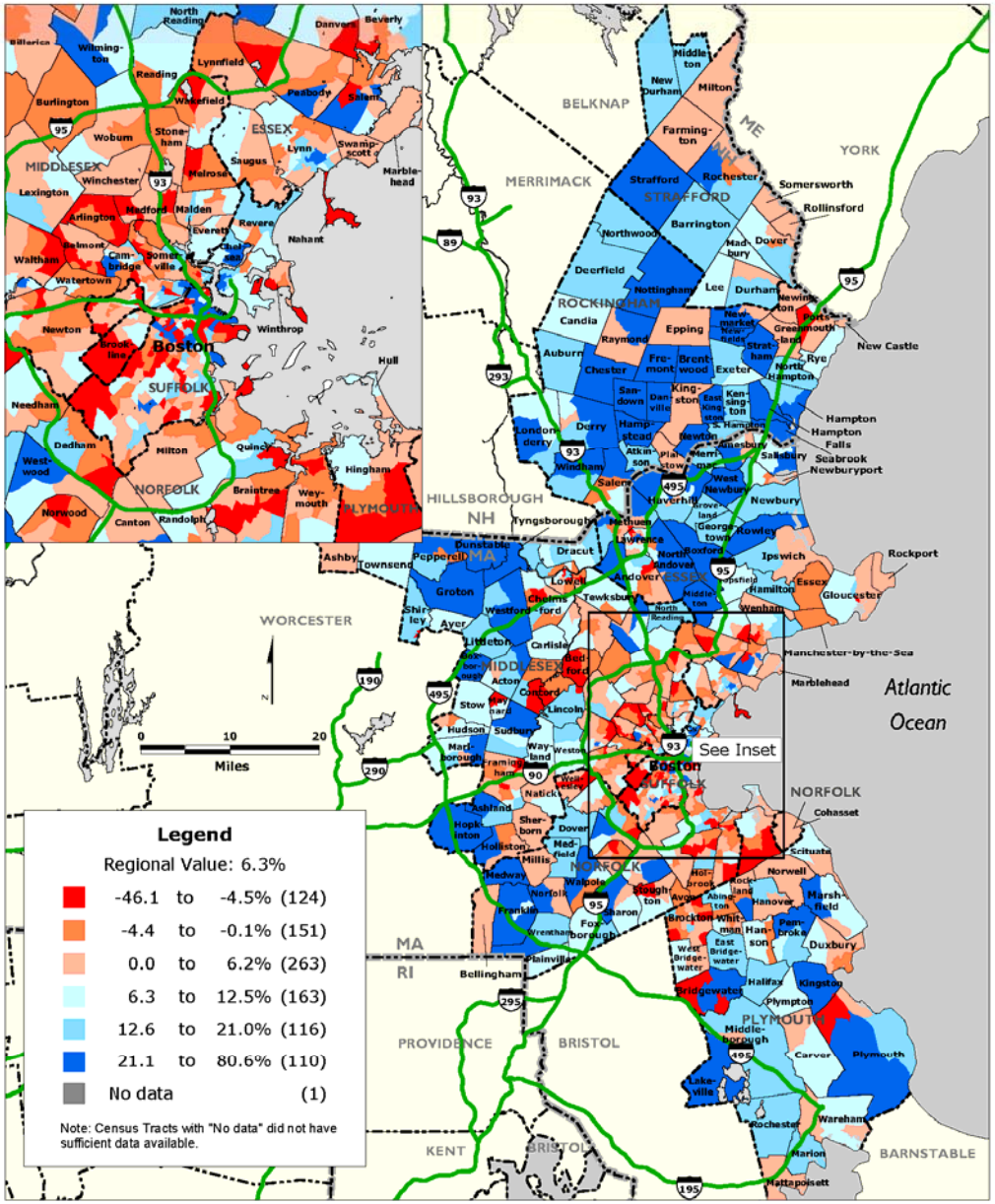
BOSTON REGION:
Percentage Change in Population by Census Tract, 1990-2000



Data Source: U.S. Census Bureau.

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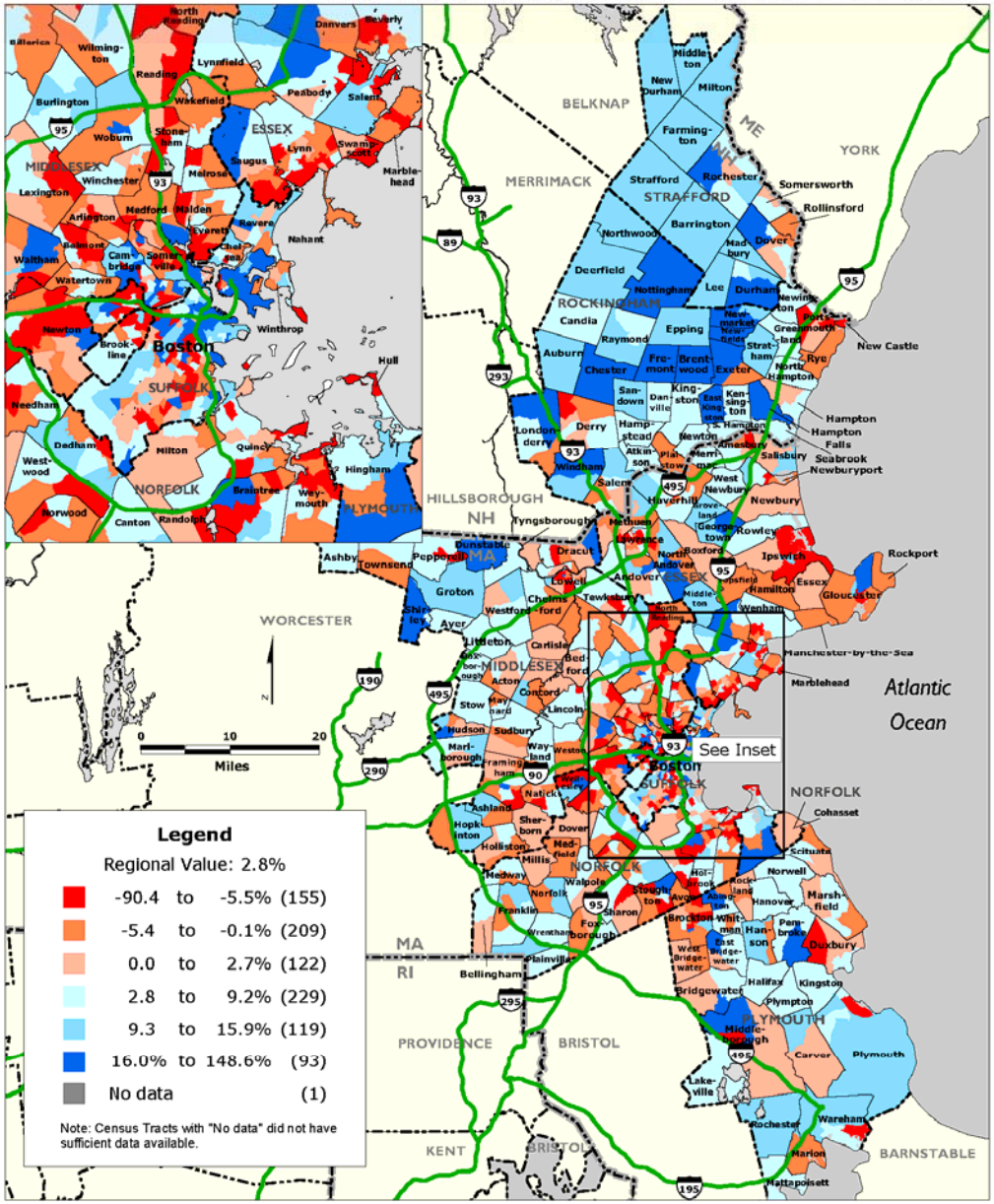
BOSTON REGION:
Percentage Change in Population by Census Tract, 2000-2007*

*2005-2009 American Community Survey data denotes the end year 2007 for population change maps.



Data Source: U.S. Census Bureau.

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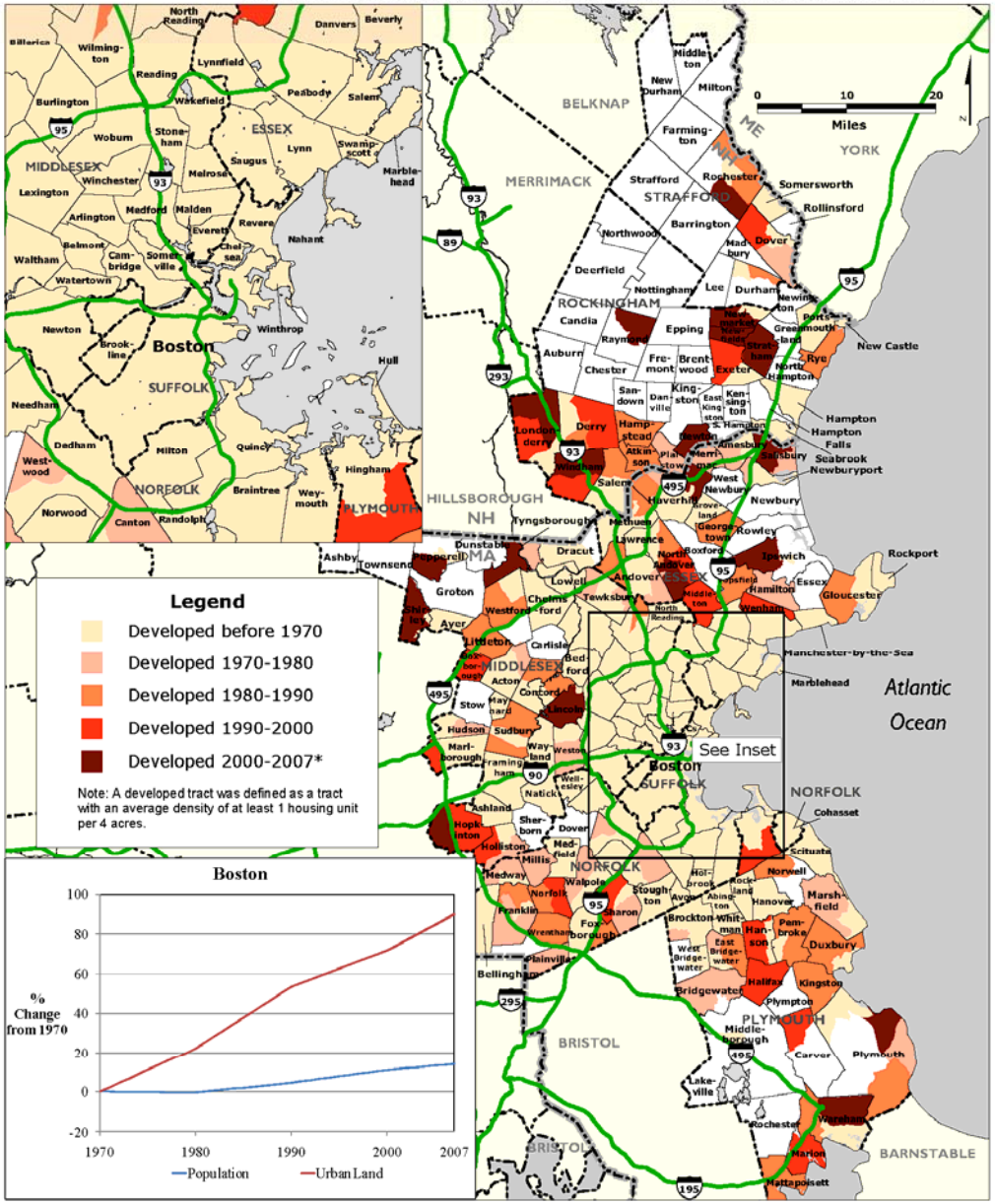
BOSTON REGION: Urban Land by Census Tract, 1970 to 2007*

*2005-2009 American Community Survey data denotes the end year 2007 for housing development map.



Data Source: U.S. Census Bureau.

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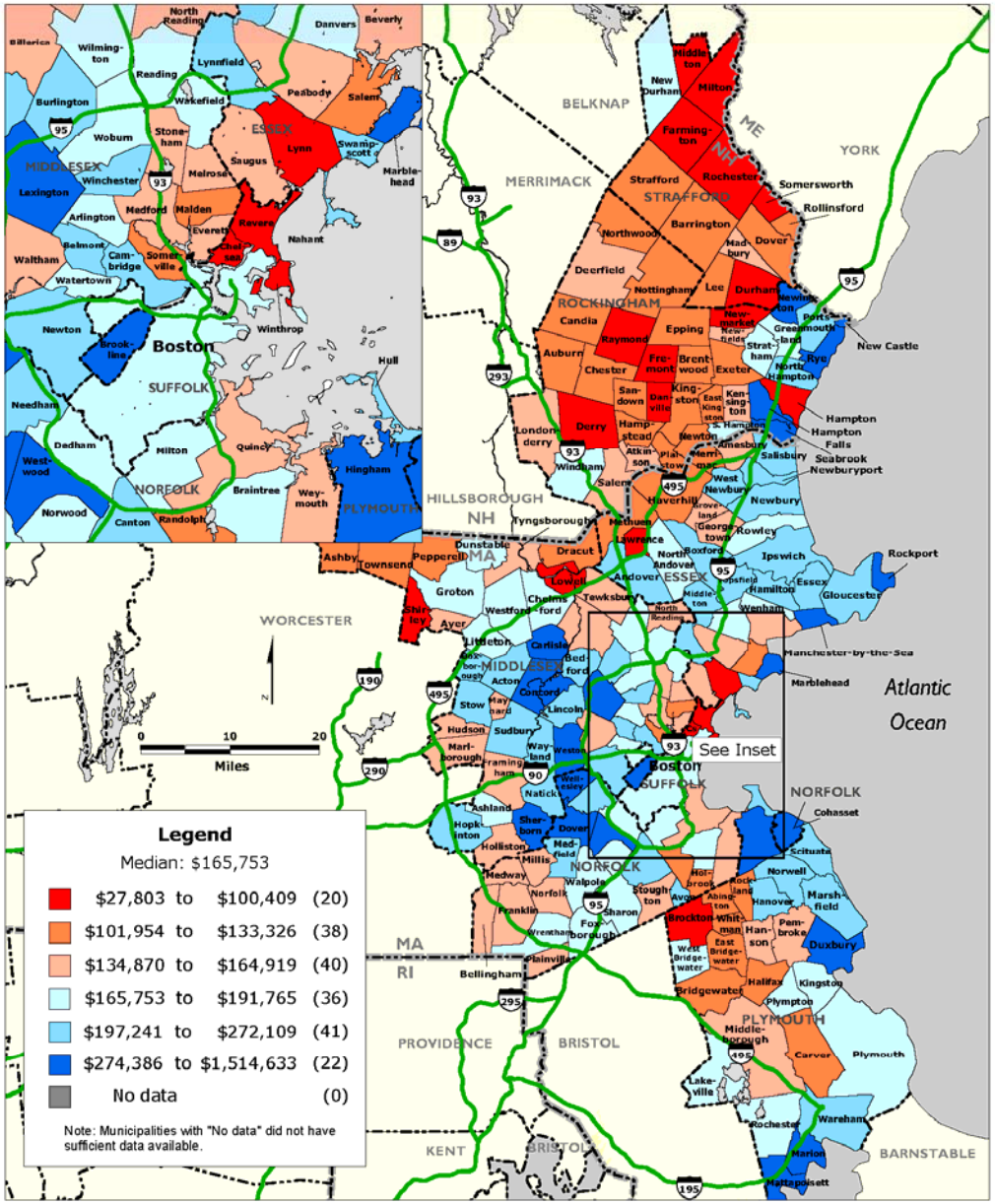
BOSTON REGION
Market Value of Property Per Capita by Municipality, 2008



Data Source: Massachusetts Department of Revenue; New Hampshire Department of Revenue Administration.

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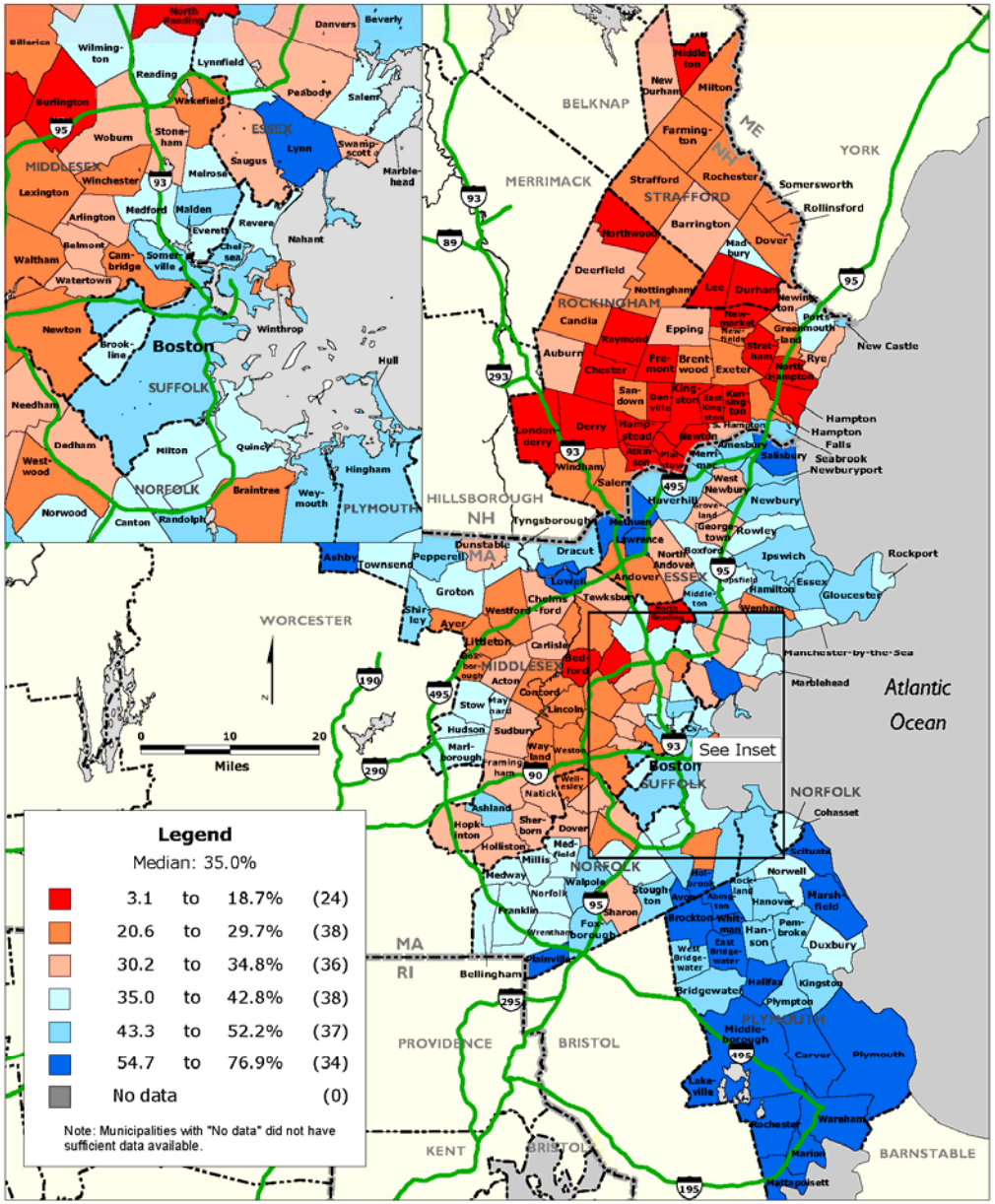
BOSTON REGION
Percentage Change in Market Value of Property Per Capita by Municipality, 2003-2008



Data Source: Massachusetts Department of Revenue; New Hampshire Department of Revenue Administration.

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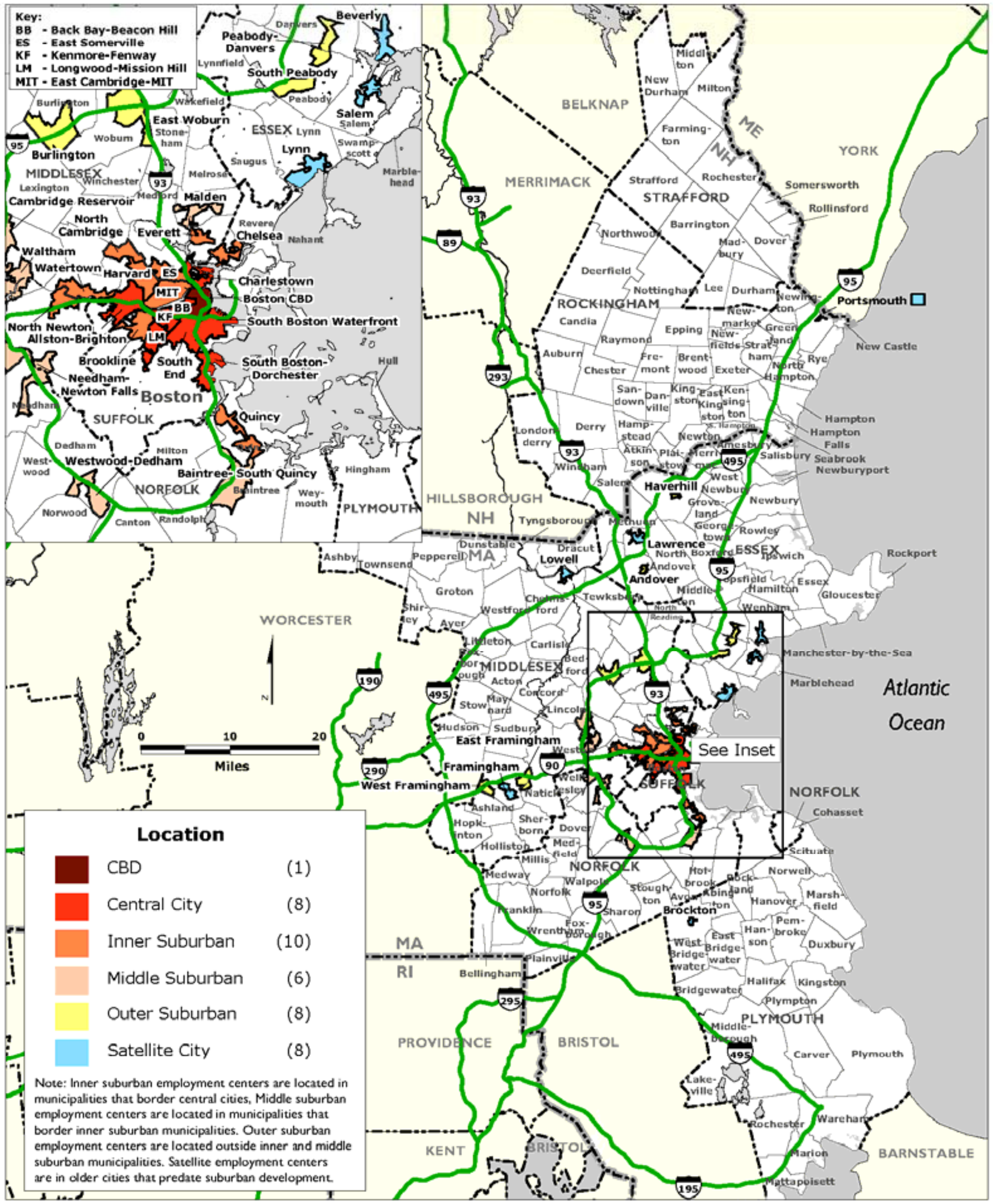
BOSTON REGION
Employment Centers by Location Type



Data Sources: U.S. Census Bureau, Census Transportation Planning Package.

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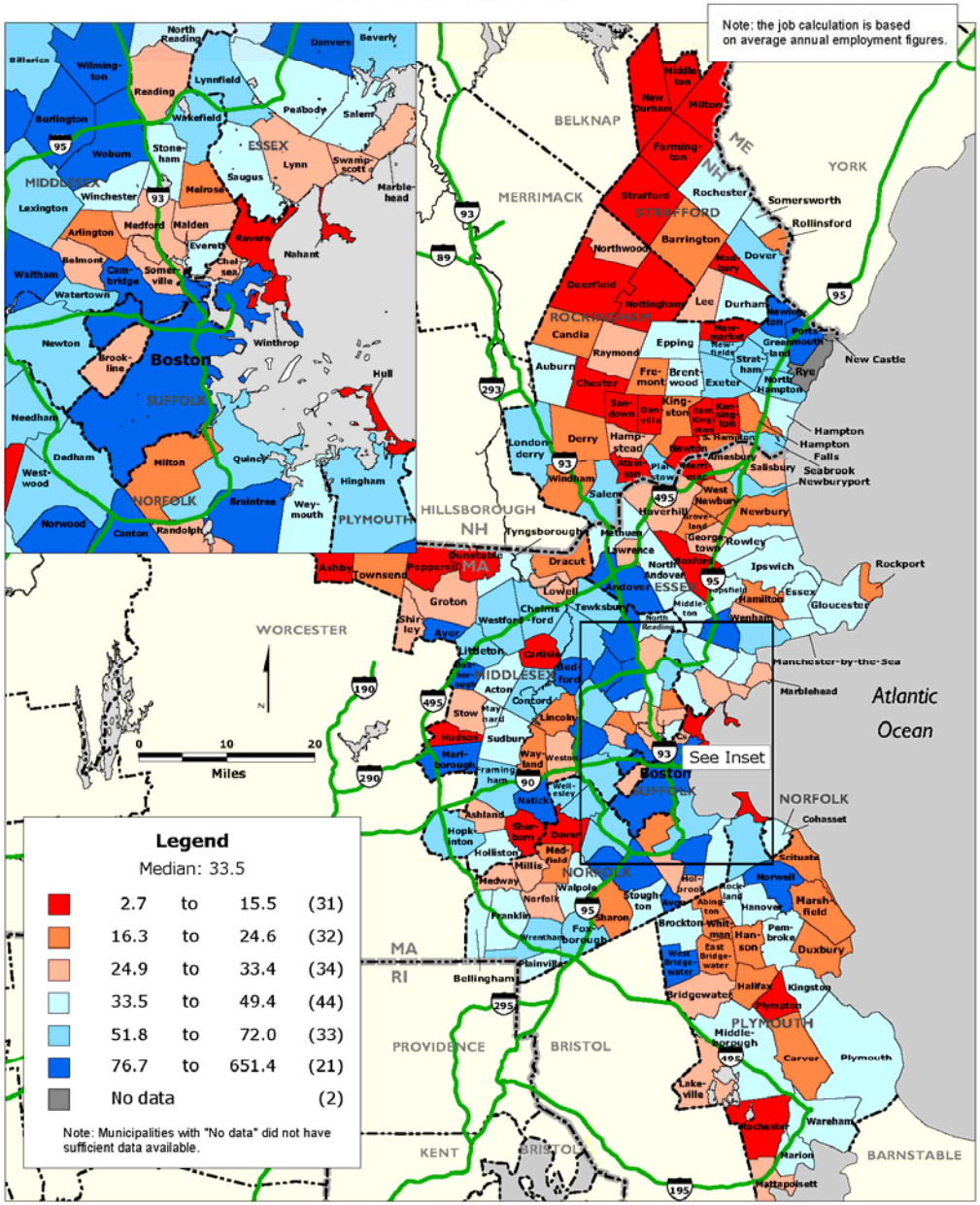
BOSTON REGION
Jobs per 100 Residents by Municipality, 2008



Data Sources: Massachusettes Executive Office of Labor and Workforce Development, New Hampshire Economic Labor Market Information Bureau, U.S. Census Bureau.

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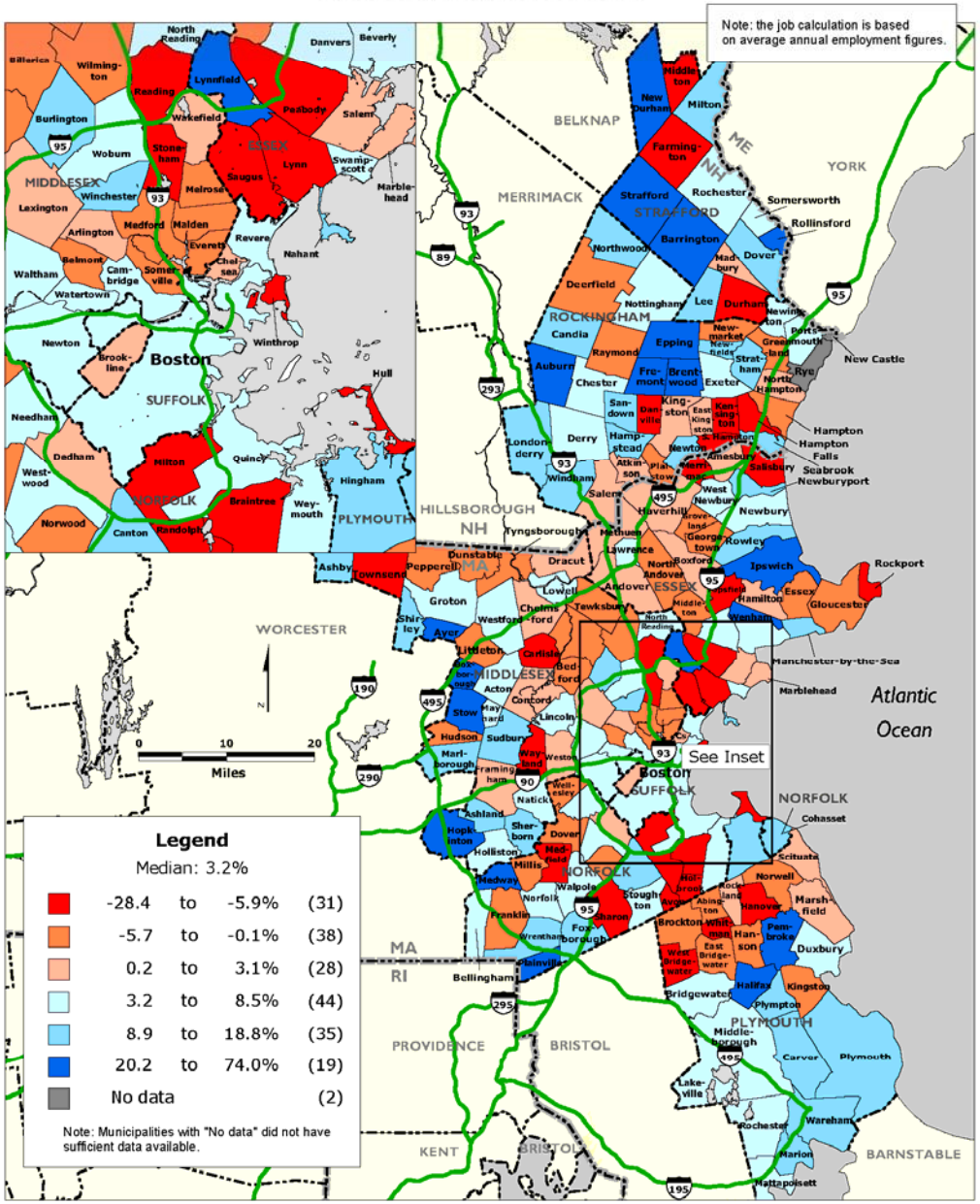
BOSTON REGION
Percentage Change in Jobs by Municipality, 2003-2008



Data Sources: Massachusettes Executive Office of Labor and Workforce Development, New Hampshire Economic Labor Market Information Bureau, U.S. Census Bureau.

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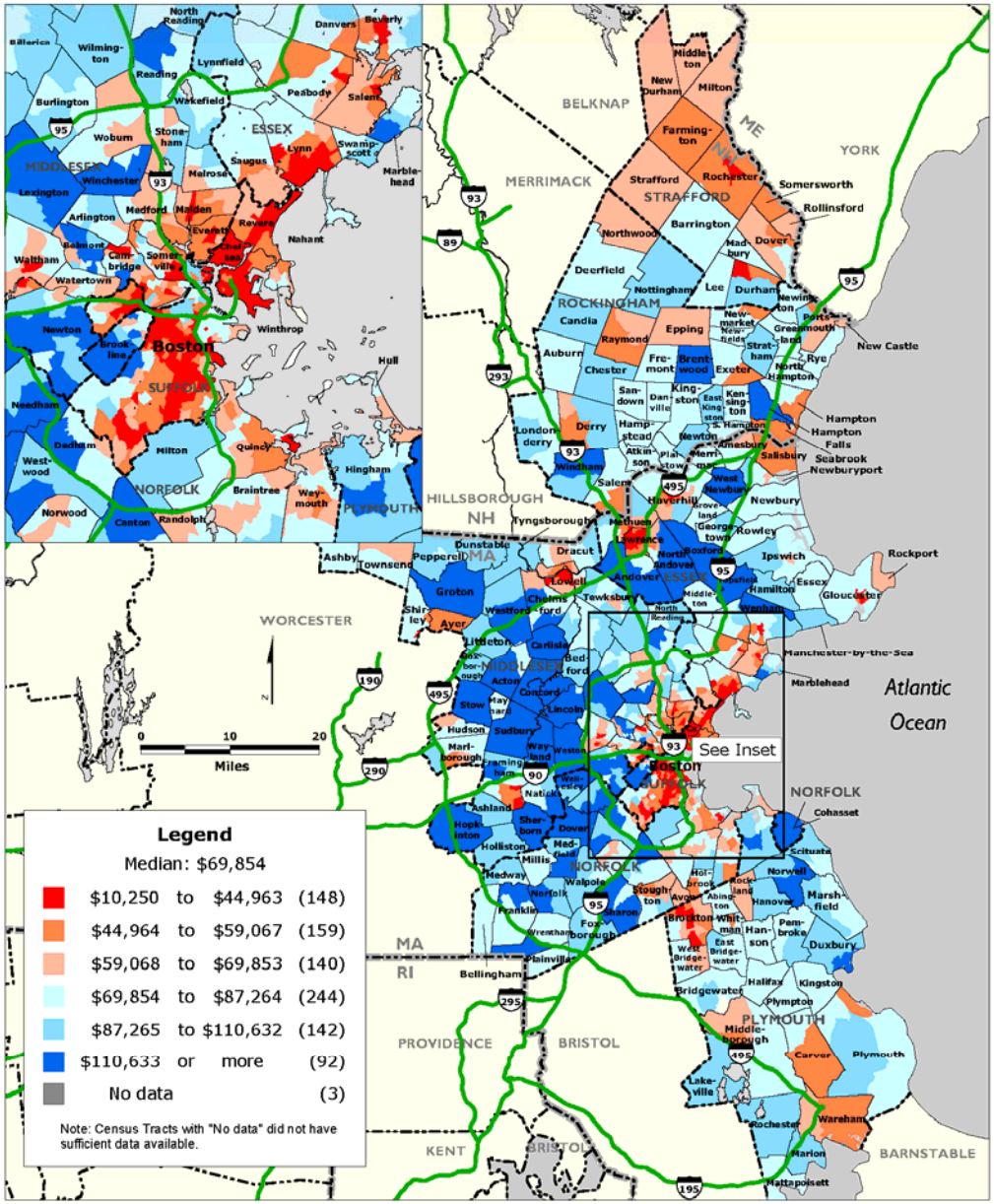
BOSTON REGION: Median Household Income by Census Tract, 2005-2009



Data Source: U.S. Census Bureau.

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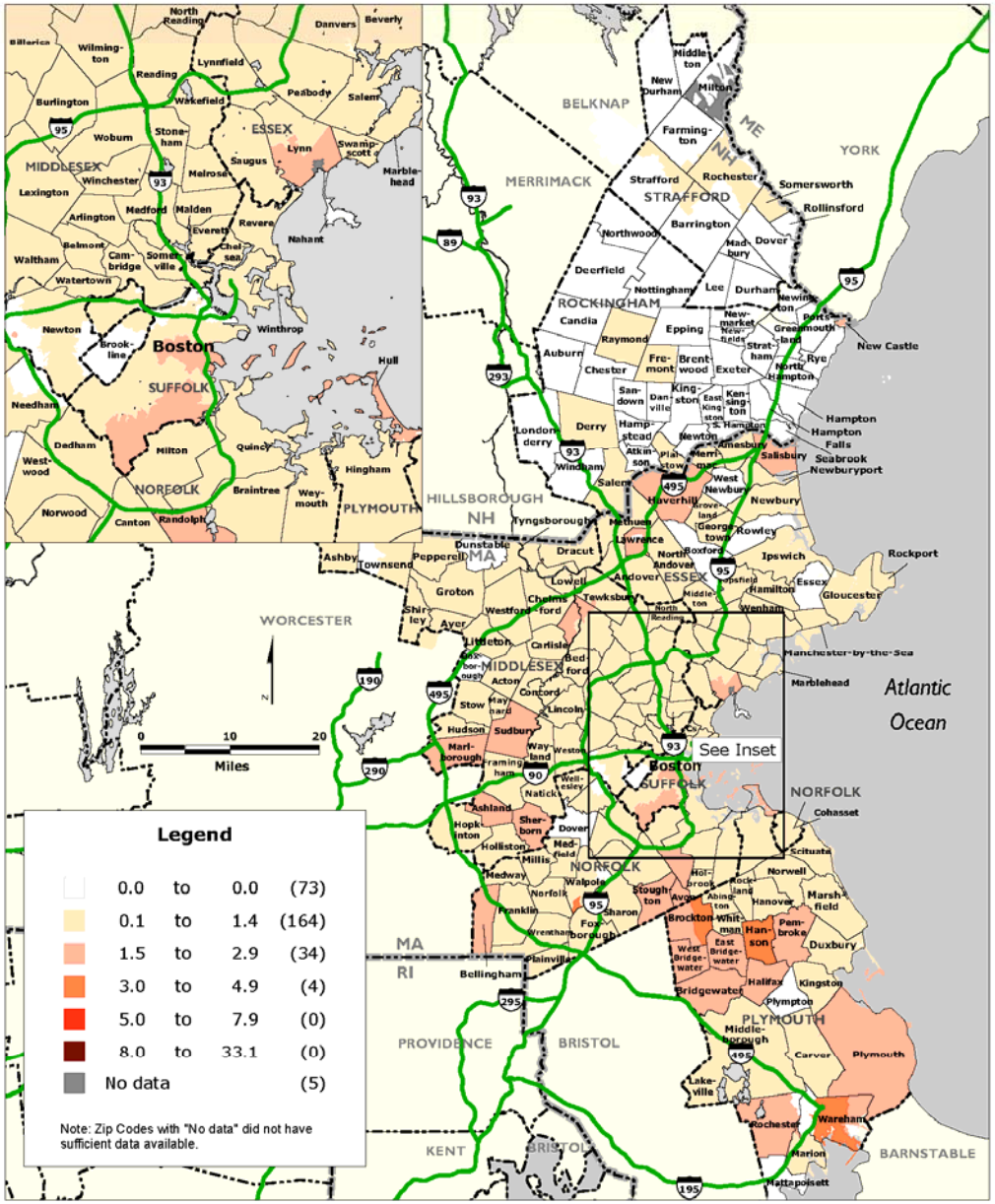
BOSTON REGION:
Foreclosure Activity per 1,000 Households by Zip Code, 2nd Quarter 2005



Data Source: RealtyTrac.

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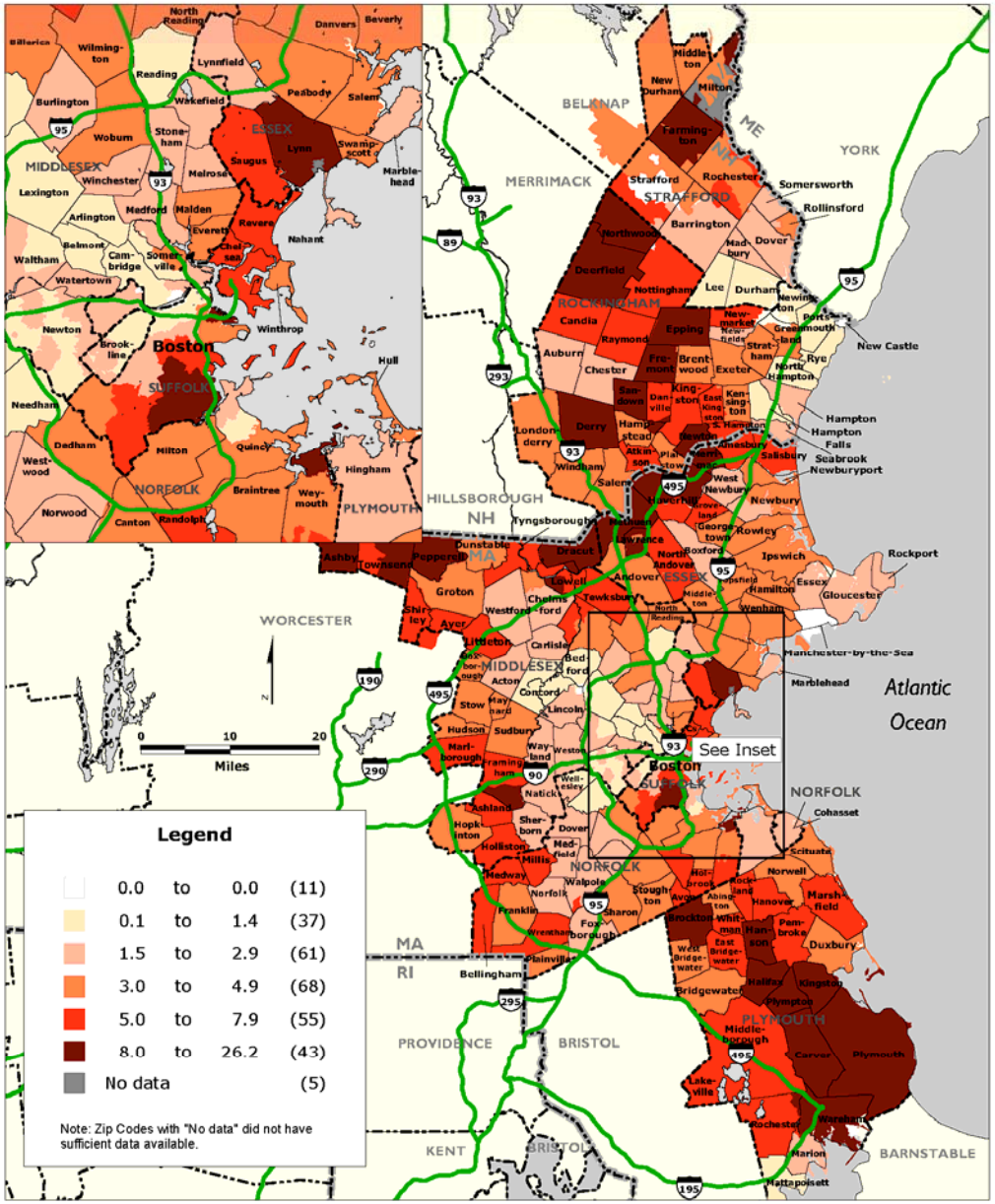
BOSTON REGION:
Foreclosure Activity per 1,000 Households by Zip Code, 2nd Quarter 2010



Data Source: RealtyTrac.

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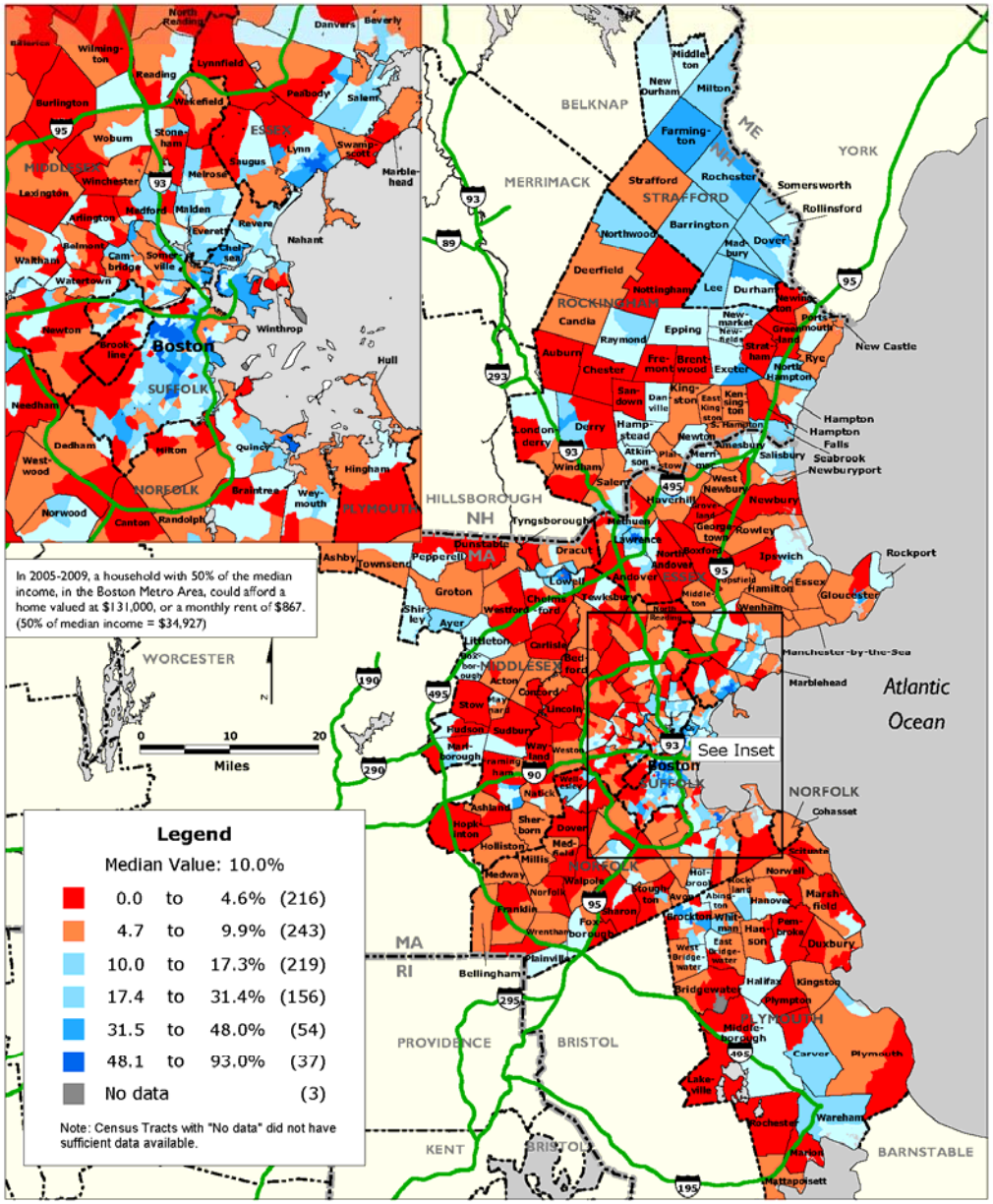
BOSTON REGION:
Percentage of Housing Units Affordable at 50% of Regional Median Income by Census Tract, 2005-2009



Data Source: U.S. Census Bureau; Massachusetts Department of Revenue; New Hampshire Department of Revenue Administration.

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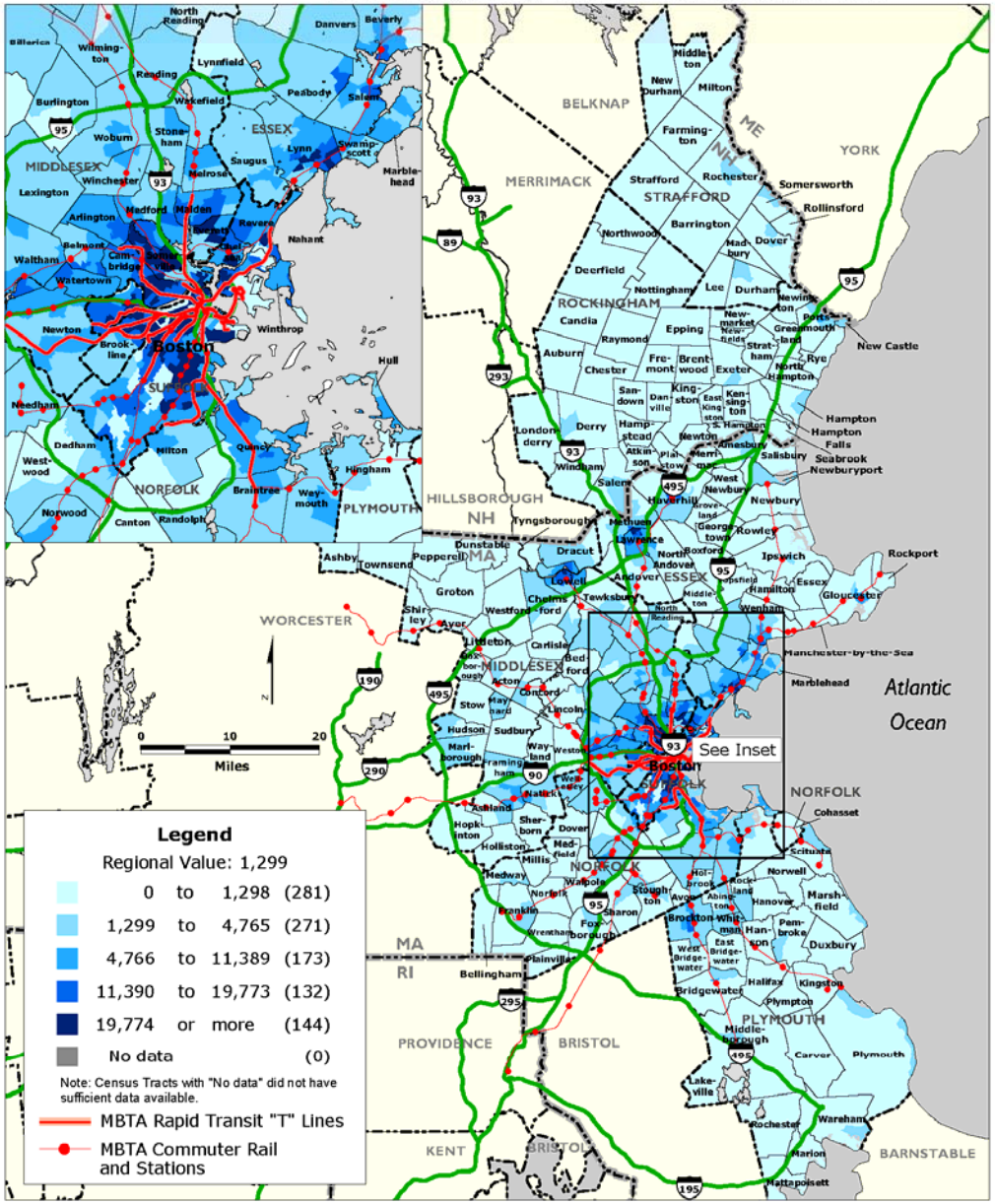
BOSTON REGION:
Population per Square Mile of Land by Census Tract, 2005-2009 and Massachusetts Bay Transportation Authority (MBTA) Transit and Commuter Rail



Data Source: U.S. Census Bureau; Massachusetts Bay Transportation Authority; MassGIS Central Transportation Planning Staff.