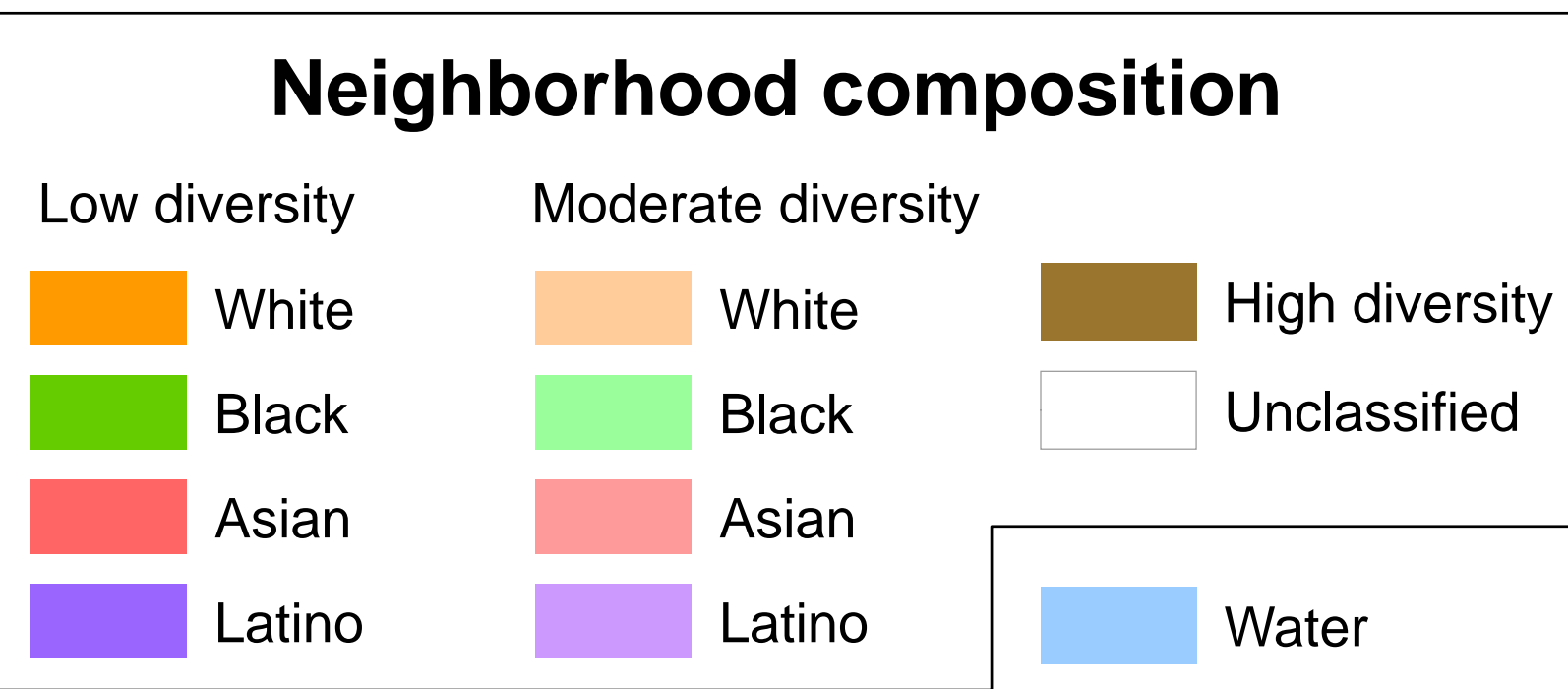# MAPPING THE EVOLUTION OF RACIALLY MIXED AND SEGREGATED NEIGHBORHOODS IN CHICAGO

Jonathan Chipman [1], Richard Wright [1], Mark Ellis [2], and Steven R. Holloway [3]
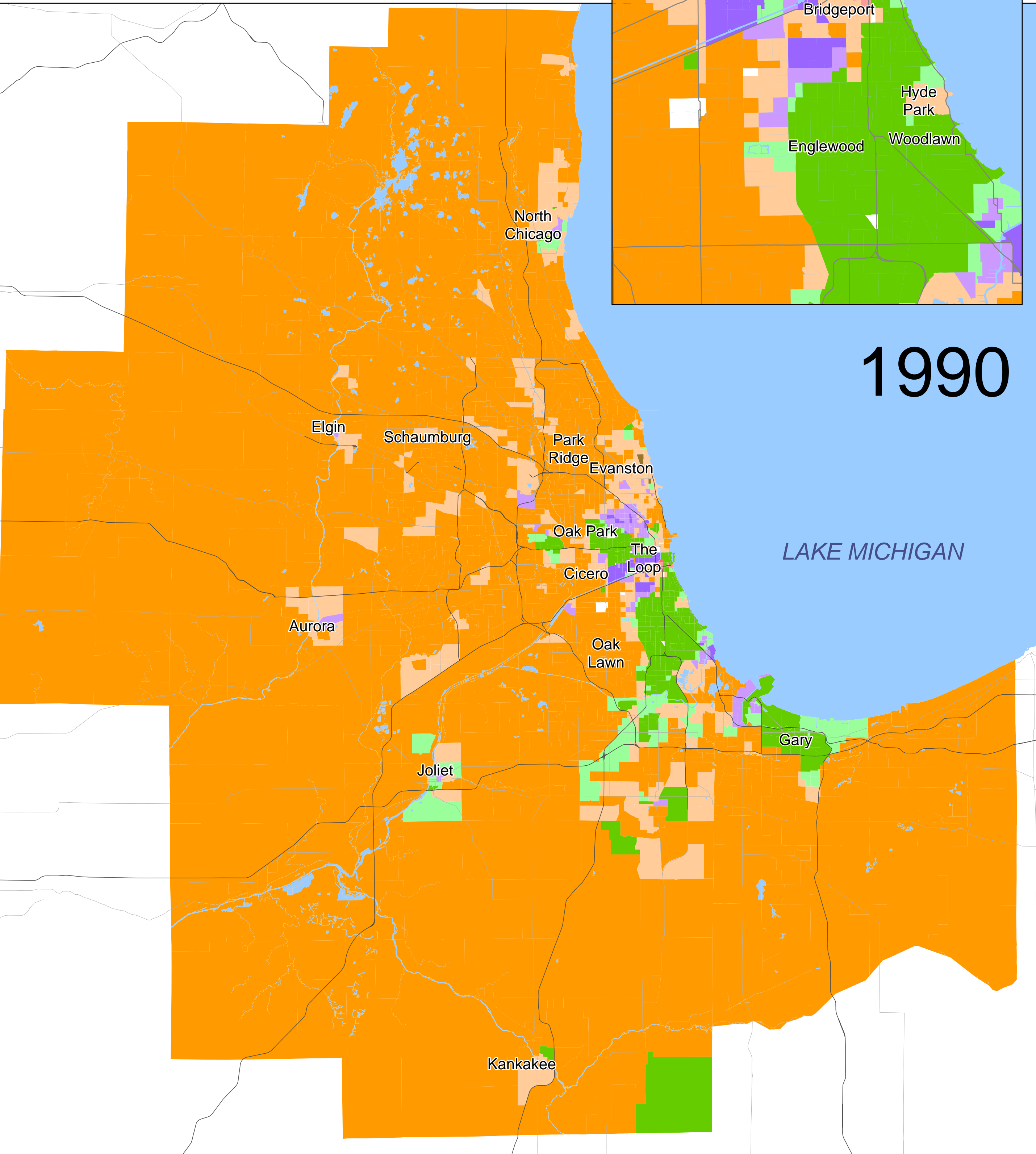[1] Department of Geography, Dartmouth College, Hanover NH 03755 USA
[2] Department of Geography, University of Washington, Seattle WA 98195 USA
[3] Department of Geography, University of Georgia, Athens GA 30602 USA

Neighborhood composition

Low diversity
- White
- Black
- Asian
- Latino

Moderate diversity
- White
- Black
- Asian
- Latino
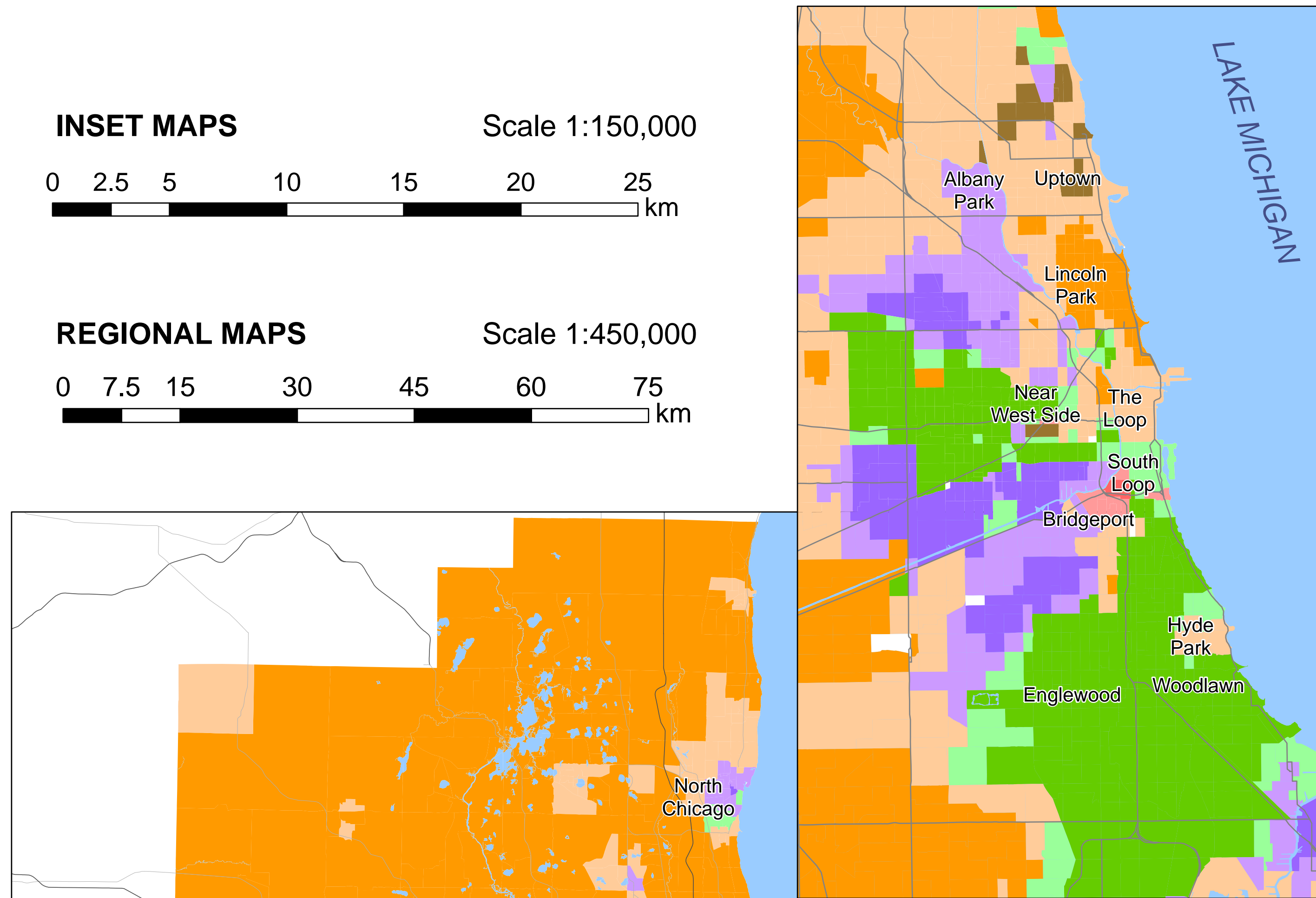
- High diversity
- Unclassified
- Water

Based on US census data. For details on the classification method, see:

Holloway, S., R. Wright, and M. Ellis 2012. The racially fragmented city? Neighborhood racial segregation and diversity jointly considered. Professional Geographer, 64: 63-82.
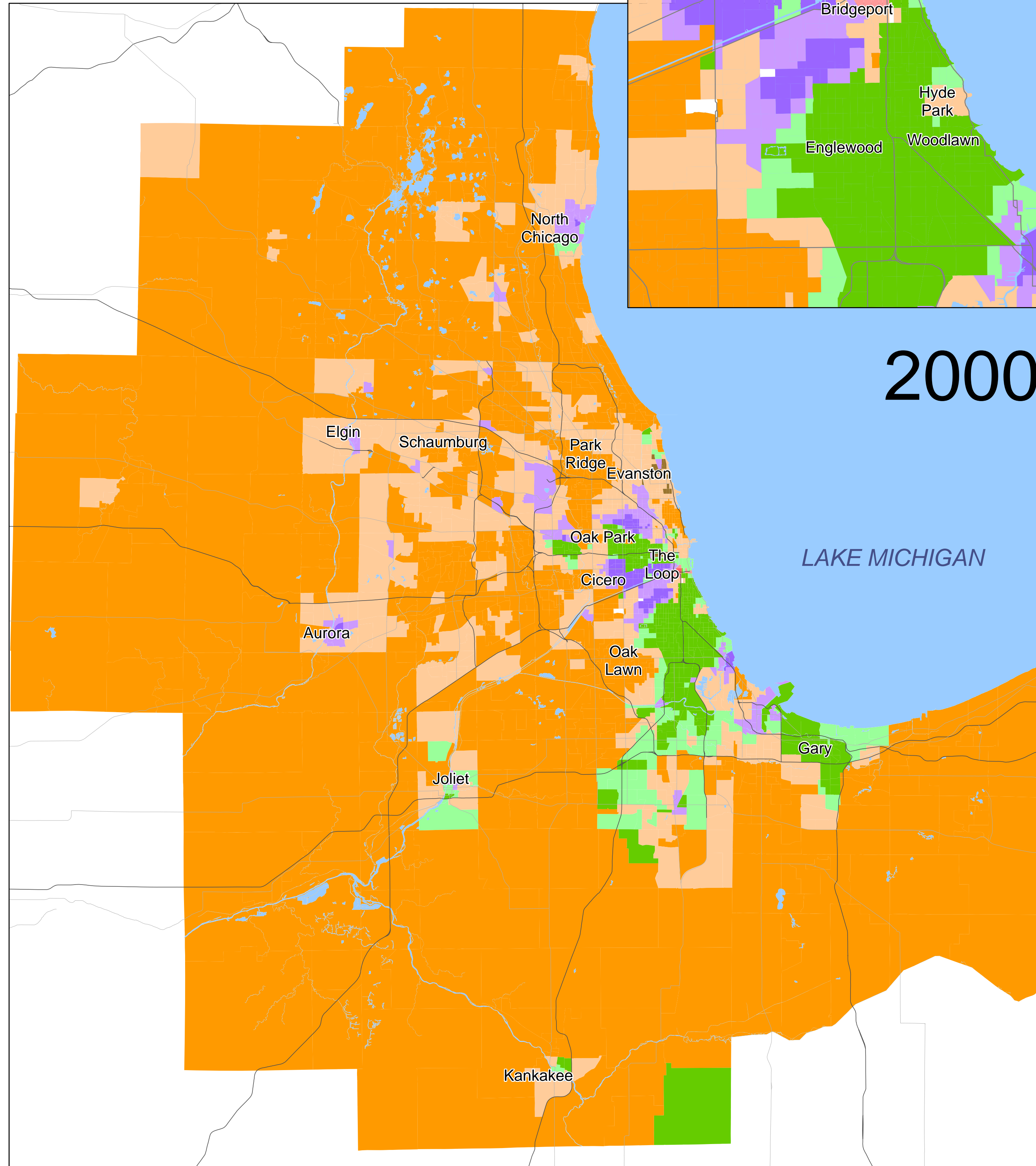
INSET MAPS — Scale 1:150,000
0 2.5 5 10 15 20 25 km

REGIONAL MAPS — Scale 1:450,000
0 7.5 15 30 45 60 75 km

1990

2000

2010

Dartmouth
UNIVERSITY of WASHINGTON
The University of Georgia

Please visit our interactive digital atlas of segretation and diversity in US states and metropolitan areas online at http://mixedmetro.com
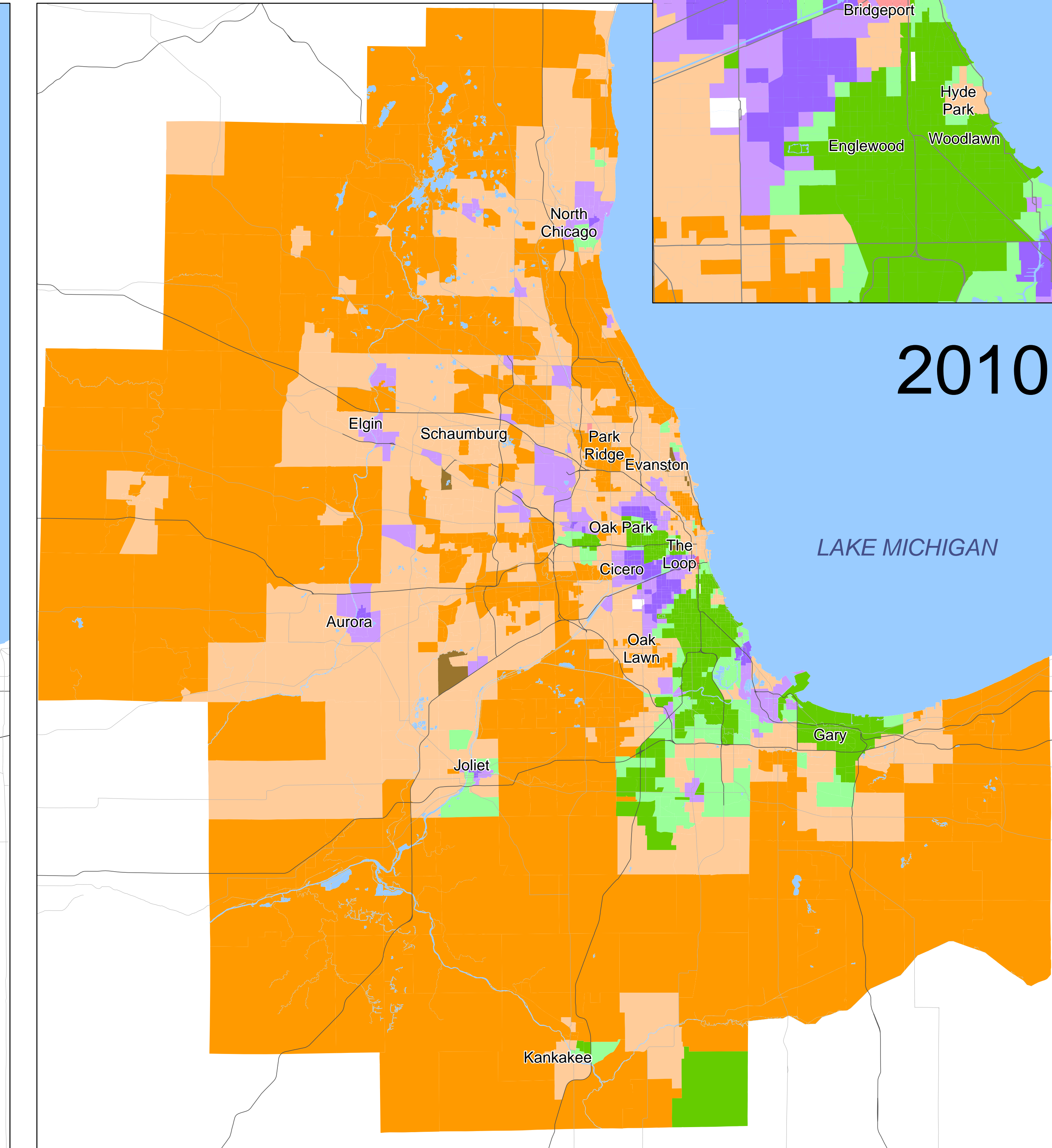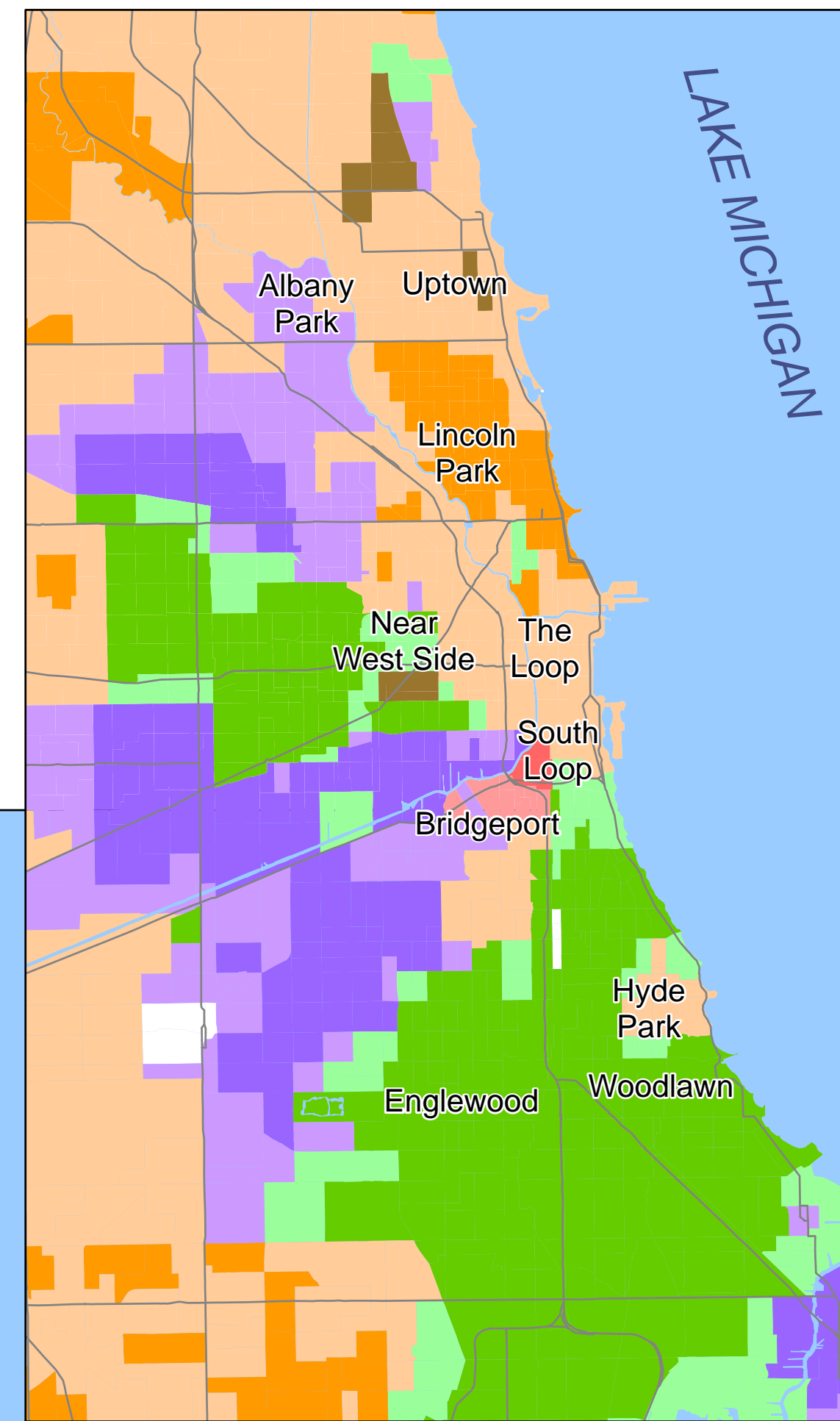
MAP PROJECTION: Universal Transverse Mercator (UTM) Zone 16

DATUM: World Geodetic Survey 1984 (WGS-84)

DATA SOURCES:
Census Bureau, United States Department of Commerce and US Geological Survey, United States Department of Interior.

POSITIONAL ACCURACY:
Detailed specifications for the positional accuracy of these data are available from the Federal Geographic Data Committee (FGDC), and the Census Bureau and US Geological Survey. In general, positions are shown within 90 meters of their true locations.

ACKNOWLEDGMENTS:
Sandy Wong, Minal Caron, Kevin Mwenda, and Michael Wellman contributed to this work. Grant support from the National Science Foundation, the Russell Sage Foundation, and the Neukom Institute at Dartmouth College made the development of these maps possible.

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ABOUT THE TRANSITION MATRICES

These matrices show the number of census tracts that changed from one class to another, or that remained unchanged, between census years. Similar matrices for the 53 largest US metropolitan areas, and for all 50 US states, are available at www.mixedmetro.com.

TRANSITION MATRIX: 1990 TO 2000

1990 \ 2000	Low diversity				Moderate diversity				High diversity	Total
	White	Black	Asian	Latino	White	Black	Asian	Latino		
Low diversity — White	726				309	8		22		1065
Low diversity — Black		348				11		1		360
Low diversity — Asian										
Low diversity — Latino				36		1		11		48
Moderate diversity — White	17	6		15	207	28	3	74	12	362
Moderate diversity — Black	1	16			4	54		1	2	78
Moderate diversity — Asian			1				6	1		8
Moderate diversity — Latino				24	18	2		72		116
High diversity								2	1	3
Total	744	370	1	75	538	104	9	184	15	2040

TRANSITION MATRIX: 2000 TO 2010

2000 \ 2010	Low diversity				Moderate diversity				High diversity	Total
	White	Black	Asian	Latino	White	Black	Asian	Latino		
Low diversity — White	498				244			2		744
Low diversity — Black		334			1	35				370
Low diversity — Asian			1							
Low diversity — Latino				63	2	1		9		75
Moderate diversity — White	21			2	395	31	2	84	3	538
Moderate diversity — Black		16		1	12	70		4	1	104
Moderate diversity — Asian						2	7			9
Moderate diversity — Latino				36	18	10		119	1	184
High diversity					6			2	7	15
Total	519	350	1	102	678	149	9	220	12	2040

TRANSITION MATRIX: 1990 TO 2010

1990 \ 2010	Low diversity				Moderate diversity				High diversity	Total
	White	Black	Asian	Latino	White	Black	Asian	Latino		
Low diversity — White	485	2		14	474	21		69		1065
Low diversity — Black		317			4	38		1		360
Low diversity — Asian										0
Low diversity — Latino				31	5	2		10		48
Moderate diversity — White	33	12		28	151	37	5	88	8	362
Moderate diversity — Black		19			12	41		3	2	78
Moderate diversity — Asian			1			2	4	1		8
Moderate diversity — Latino	1			28	32	8		46	1	116
High diversity								2	1	3
Total	519	350	1	102	678	149	9	220	12	2040