Data Driven Detroit (D3) Who We Are

Presentation to

Detroit Water and Sewer Department

Gregory Parrish, Amy Grodin, and Clay Martin
October 5, 2011



What is Data Driven Detroit (D3)?

- D3 is a non-profit, founded in 2009, principally funded by The Kresge Foundation and The Skillman Foundation.
- D3 supports foundation, public, non-profit, and community partners with research, analysis, and mapping/data visualization.
- D3 is a member of the National Neighborhood Indicators Program (NNIP), founded by the Urban Institute.



Mission

Data Driven Detroit (D3)

provides accessible high-quality information and analysis to drive informed decision-making that strengthens communities in Southeast Michigan



Data Driven Detroit's Roles

Work with Data

- Collect and Evaluate
- Enhance
- Analyze/Synthesize
- Visualize
- Democratize

Support Partners

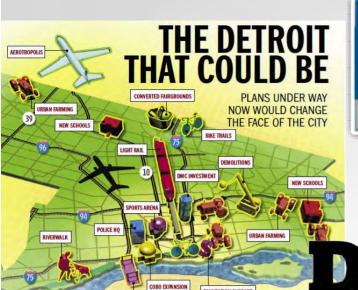
- Share Augmented Data
- Illustrate Macro Trends
- Provide Neighborhood Analyses
- Inform Strategy and Prioritization (Targeting)
- Provide Project Technical Assistance
- Promote Synergy and Convergence



(Some) Neighborhood Indicators

- Population Characteristics and Trends
- Health, Education, Employment
- Housing Occupancy and Quality
- Mortgage Lending and Housing Market Activity
- Crime and Public Safety Information
- Community Capacity and Institutions
- Vacant Land Inventory and Land Use
- Environmental Assessments
- Economic Activity and Trends





SECOND BRIDGE





DATA IIII DRIVEN DETROIT



COMMUNITY NEEDS ASSESSMENT: WESTERN WAYNE COUNTY

www.DataDrivenDetroit.org





"The United States must remake its economy if it is to achieve sustainable prosperity in a world that continues to transform at a dizzying pace. Americans must move from an economy driven by domestic consumption, debt, and financial engineering to one that is driven by exports, powered by cleaner energy, fueled by innovation, and rich in opportunity. Movement toward such an economy must be led by metropolitan areas."

Bruce Katz and Jennifer Bradley
Brookings Institution
The Metropolitan Moment



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2010 One D Regional Scorecard

The 2010 One D Scorecard is now available! The regional Scorecard tracks over 100 indicators in five key priority areas: Economic Prosperity, Educational Preparedness, Quality of Life, Social Equity, and Regional Transit. Learn more about the 2010 One D Scorecard.



2010 One D Regional Scorecard

Latest Report on Wayne County Families

The Skillman Foundation

Detroit Residential Parcel Survey

Strength Through Numbers



"THE DATA THAT DRIVE DETROIT"

February, 2011

Check out Delta Sky magazine's profile of Detroit: Motor City Momentum.

January 11, 2011

The Skillman Foundation's 2009 Annual Report <u>Tough Boys</u> was recently released. For links and other information about The Skillman Foundation, click <u>here</u>.

January 4, 2011

NUMBER OF THE WEEK:

81

% of Detroit 3rd graders meeting/exceeding MEAP reading standards in '09.



HOME

EDUCATIONAL PREPAREDNESS

ECONOMIC PROSPERITY

QUALITY OF LIFE

SOCIAL EQUITY

REGIONAL TRANSIT



Belle Isle Casino

SOCIAL EQUITY INDICATORS

- 6 YR COLLEGE GRAD RATE BLACK
- 6 YR COLLEGE GRAD RATE HISPANIC
- 6 YR COLLEGE GRAD RATE MINORITY
- 6 YR COLLEGE GRAD RATE WHITE
- BUSINESS OWNERSHIP BLACK
- BUSINESS OWNERSHIP FEMALE
- BUSINESS OWNERSHIP HISPANIC
- BUSINESS OWNERSHIP MINORITY
- BUSINESS OWNERSHIP WHITE
- DOMESTIC VIOLENCE
- FOREIGN BORN POPULATION
- GINI INDEX (INEQUALITY MEASURE)
- HATE CRIMES
- HOMEOWNERSHIP RATE BLACK
- HOMEOWNERSHIP RATE HISPANIC
- HOMEOWNERSHIP RATE WHITE
- IMMIGRATION POP VS FOREIGN BORN
- INCOME LEVEL BY QUINTILE
- INFANT MORTALITY: BLACK
- INFANT MORTALITY: WHITE
- INSURANCE COVERAGE
- . MEDIAN HH INCOME BLACK
- MEDIAN HH INCOME HISPANIC
- MEDIAN HH INCOME- WHITE
- PER CAPITA INCOME BLACK
- PER CAPITA INCOME- HISPANIC
- PER CAPITA INCOME WHITE
- SEGREGATION: BLACK EXPOSURE TO WHITE POP



Our Home // Business Ownership - Female

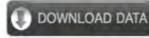
Percent of Firms that were Female-Owned

In 2007, Michigan ranked 7th of 51 states (incl. D.C.) for highest percent of firms that were female-owned.

Source: U.S. Census Bureau, 2007 Survey of Business Owners







- BUSINESS TAX CLIMATE INDEX
- CREATIVE INDUSTRIES ESTABLISHMENTS
- CREATIVE INDUSTRY EMPLOYEES
- DIVERSITY OF INDUSTRY SHIFT-SHARE
- EXPORTS-TOTAL EXPORT VALUE (DOLLARS)
- . GMP GROSS METRO PRODUCT
- · GROWTH IN ALL EMPLOYMENT
- . GROWTH IN ALL BUSINESS ESTABLISHMENTS
- GROWTH IN HIGH TECH EMPLOYMENT
- · GROWTH IN HIGH TECH BUS. ESTABLISHMENTS
- GROWTH IN KNOWLEDGE INDUSTRY EMPLOYMENT
- . GROWTH IN KNOWLEDGE IND-REL BUS EST.
- HIGH-SPEED INTERNET LINES
- INTERNET USAGE AT HOME
- LOCATION QUOTIENT
- MEDIAN HOUSEHOLD INCOME
- NUMBER OF NEW PATENTS
- . PER CAPITA INCOME
- PER CAPITA PERSONAL INCOME
- POPULATION AGED 25-34
- POVERTY RATE
- . R & D AS A SHARE OF GDP
- . TECH IN SCHOOLS (COMPUTER/STUDENT RATIO)
- UNEMPLOYMENT RATE
- VENTURE CAPITAL DOLLARS PER CAPITA

LOCATION QUOTIENT

Location quotient compares the regional share of economic activity in a particular industry to the national share of economic activity in the same industry. The result reveals the degree of regional specialization in each industry. If the location quotient for a particular industry is between zero and one, the region is less specialized than the nation, while location quotients greater than one reveal greater specialization of the industry in the local economy than in the national economy. Also, observing location quotients over time show if an industry is becoming more or less specialized in the region.

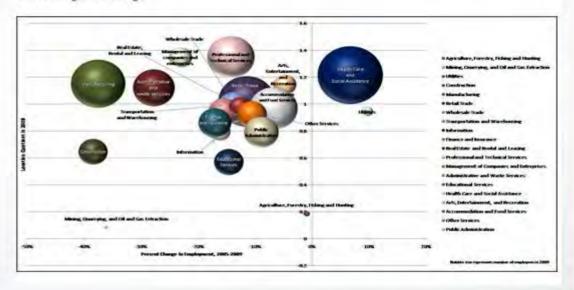
In the location quotient graphic, each bubble represents one NAICS sector (2-digit NAICS codes). The placement of each bubble along the horizontal access indicates percent change in employment from 2005 to 2009; the placement along the vertical access indicates the location quotient; and the size of each bubble represents the number of employees.

Original Source: Bureau of Labor Statistics, Quarterly Census of Employment and Wages

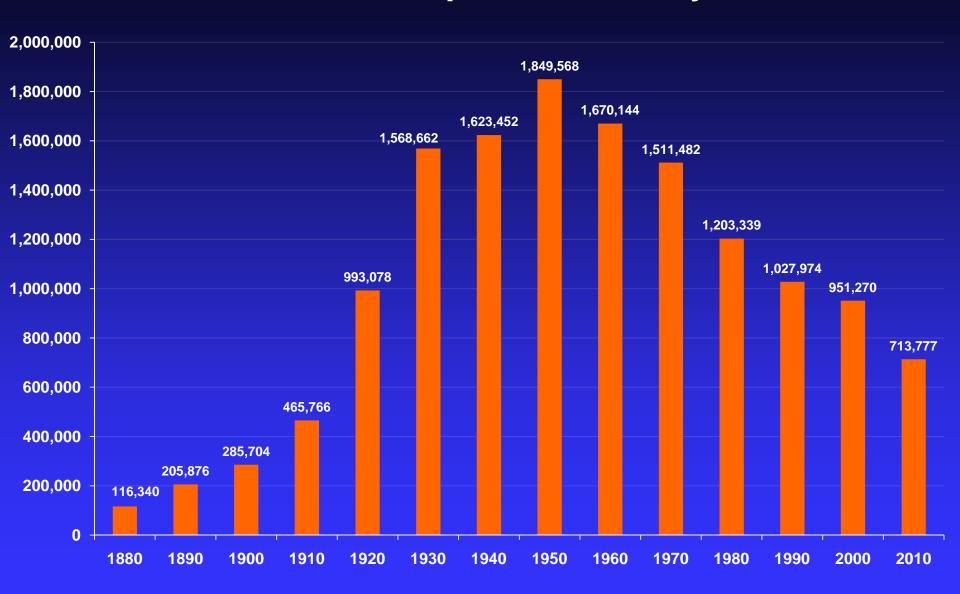
Estimates are generated using county-level flat files; includes data on public (federal, state, and local government) and private establishments.

Notes: Location quotient calculations for two-digit NAICS codes may not account for all industries in the metro area due to missing information deemed not disclosable or calculable by QCEW. Location quotient analysis contains several assumptions, including: equal productivity, equal consumption, no net national exports, and no cross-hauling.

Click image to enlarge



Detroit's Population History

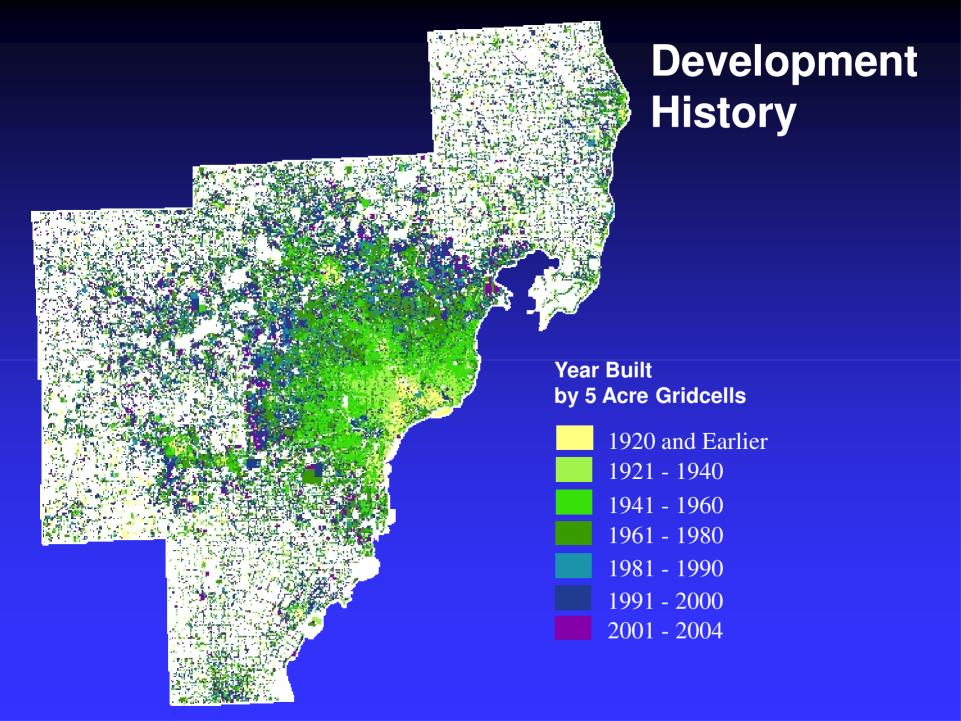


Source: Census Bureau

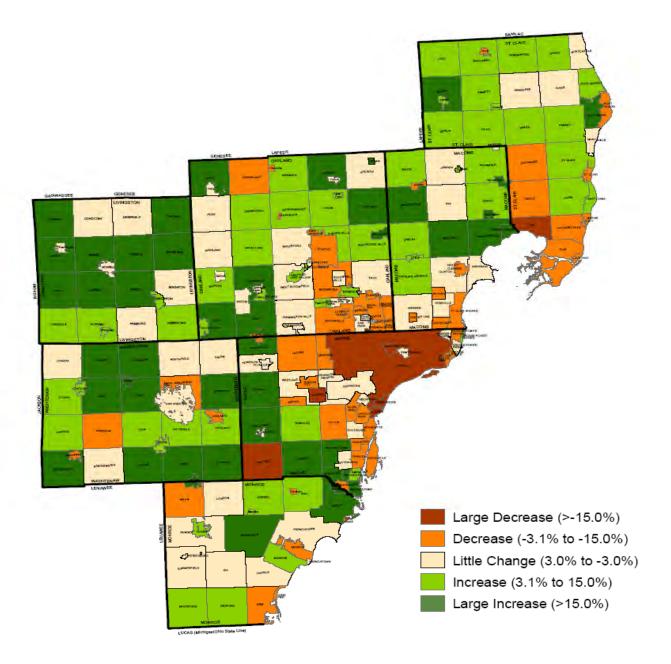
Metropolitan Detroit MCD's Census 2000 Bruce Twp ₹ Macomb Oakland Lake St. Clair Wayne Canada **Detroit-Ann Arbor-**Flint CMSA Sumpter Twp Lake Wayne State Univesity/Center for Urban Studies

Growth of Detroit Suburbs Post-World War II



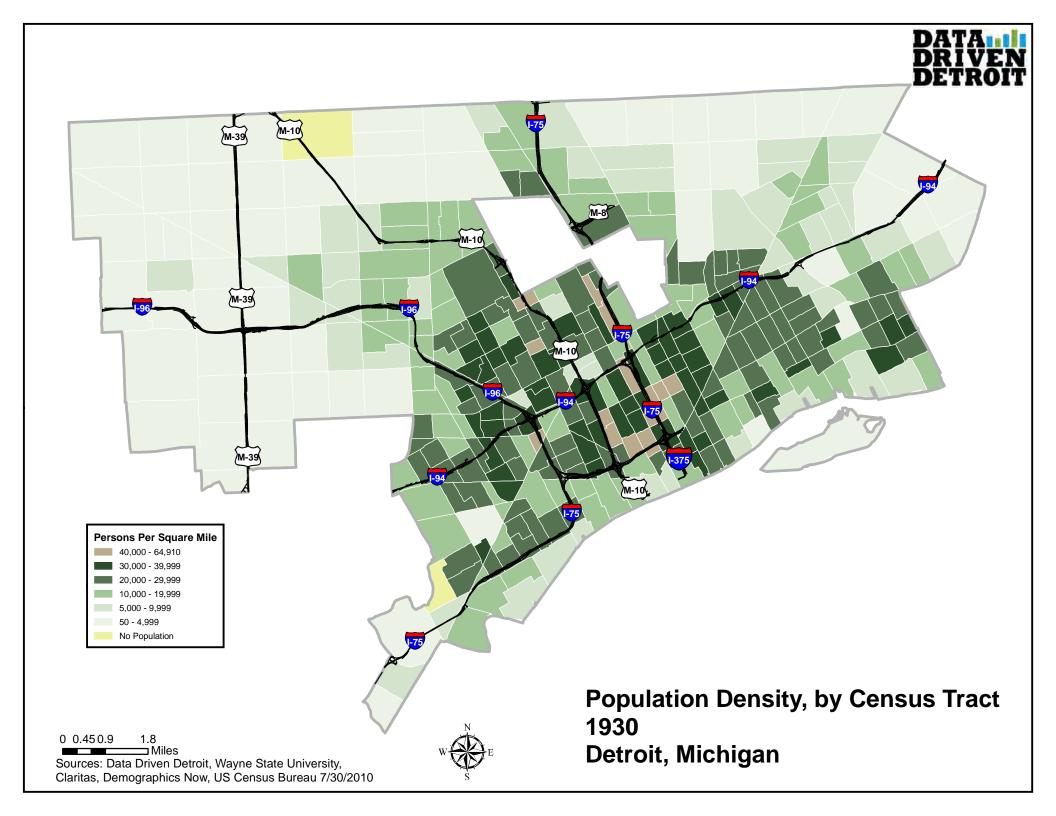


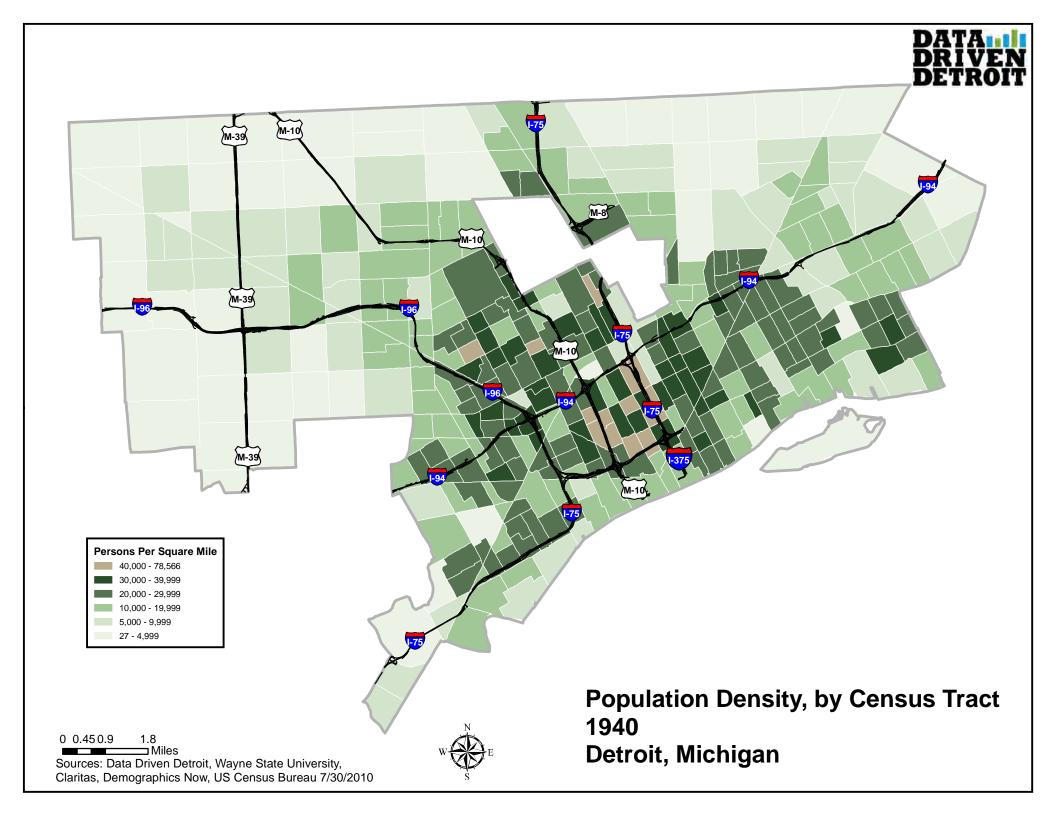
Percent Population Change by Community, 2000-2010 Southeast Michigan

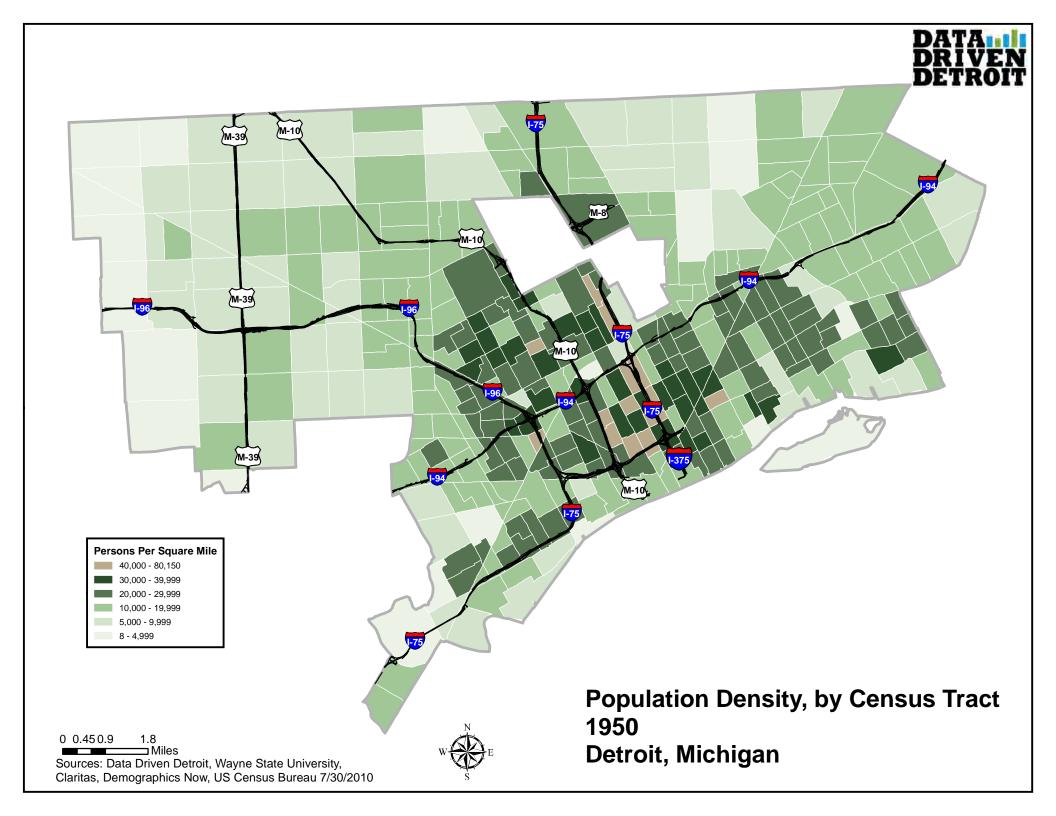


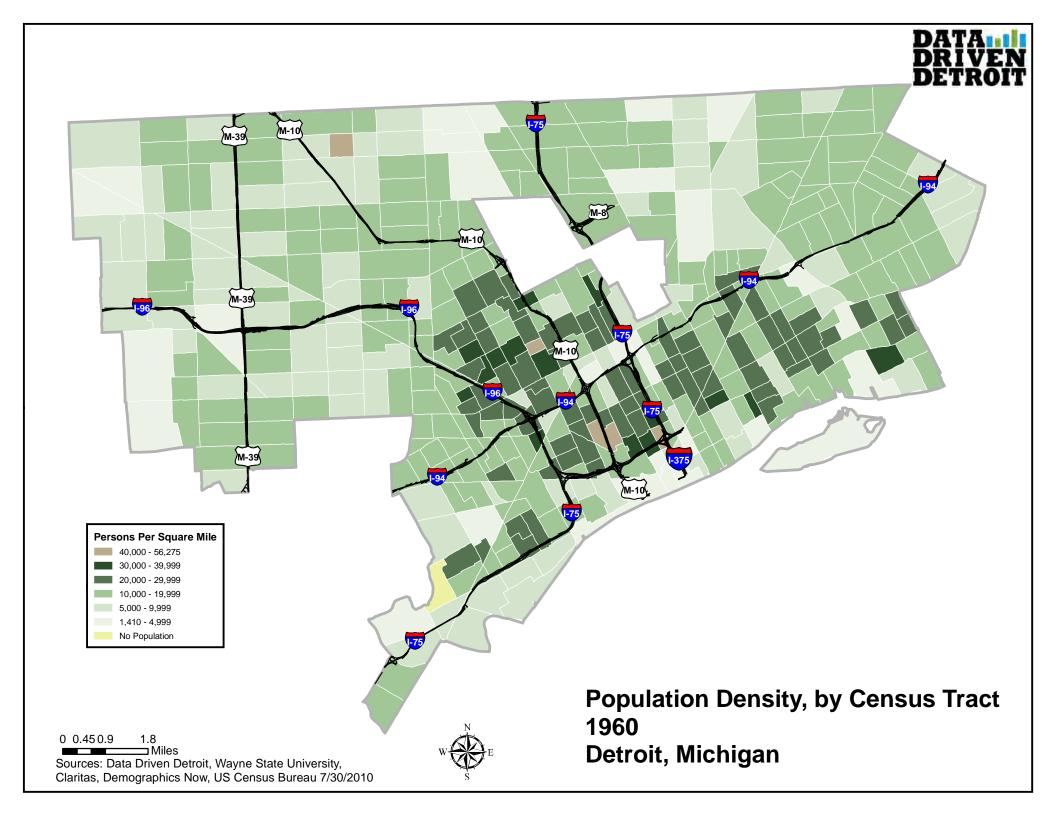
Source: Census 2000, 2010

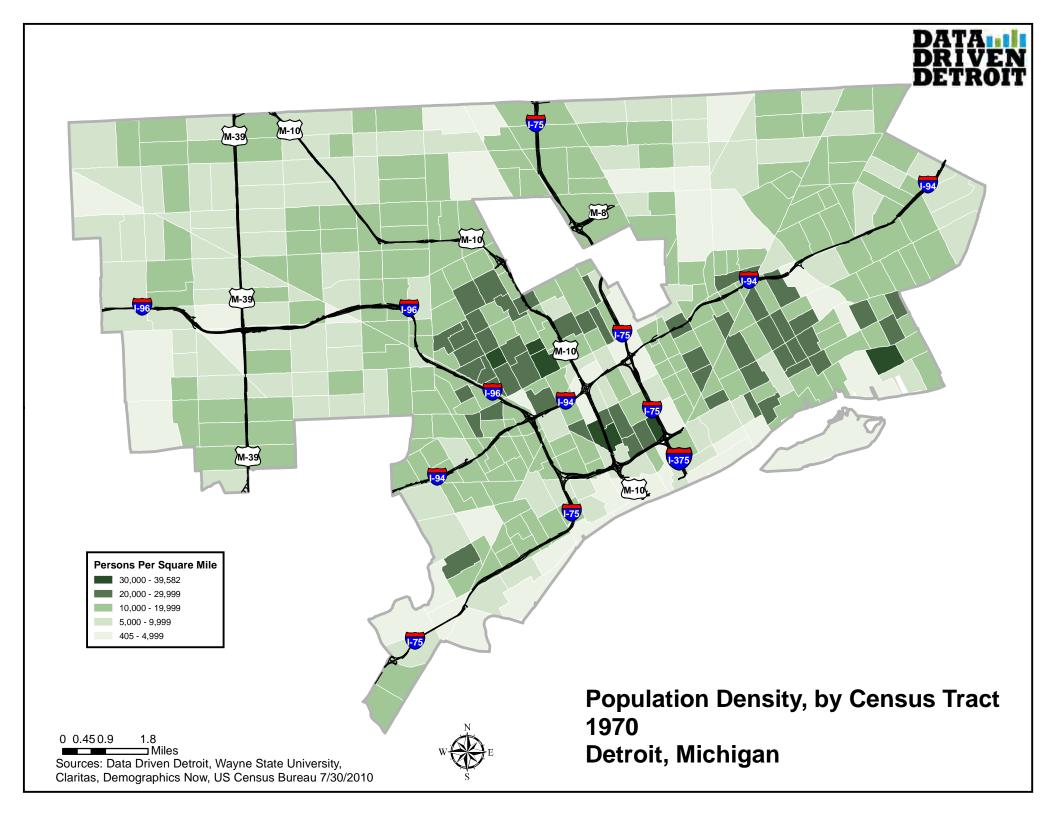


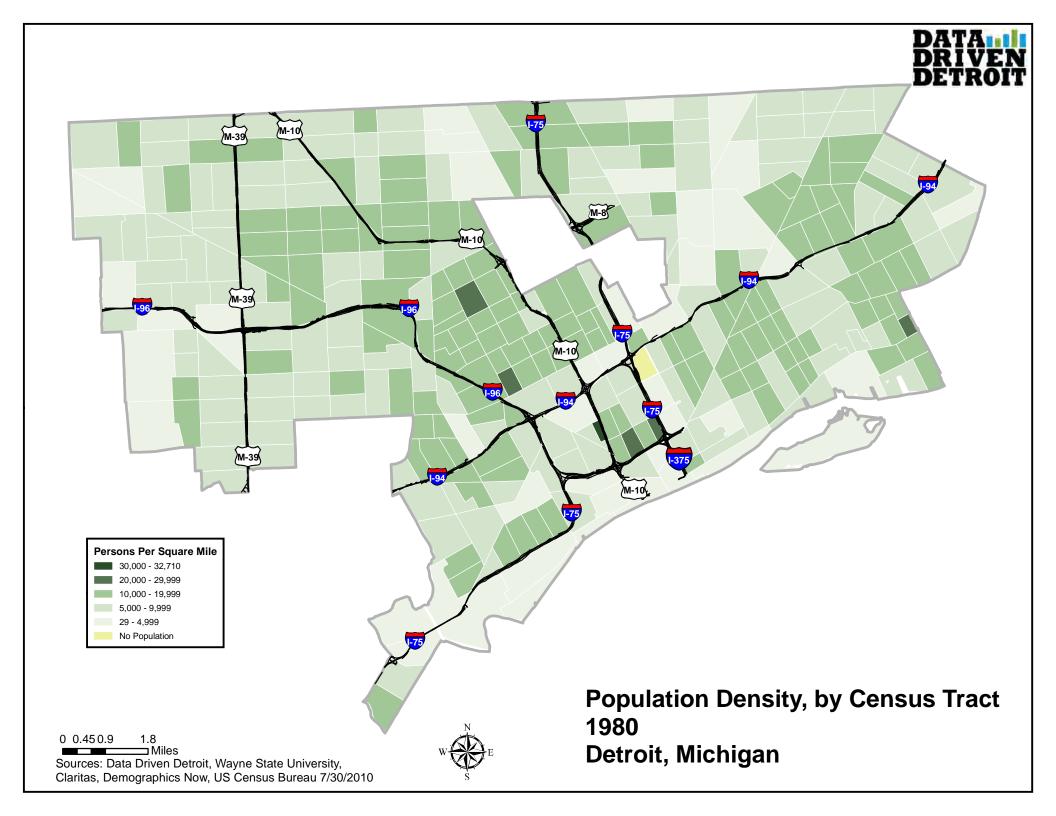


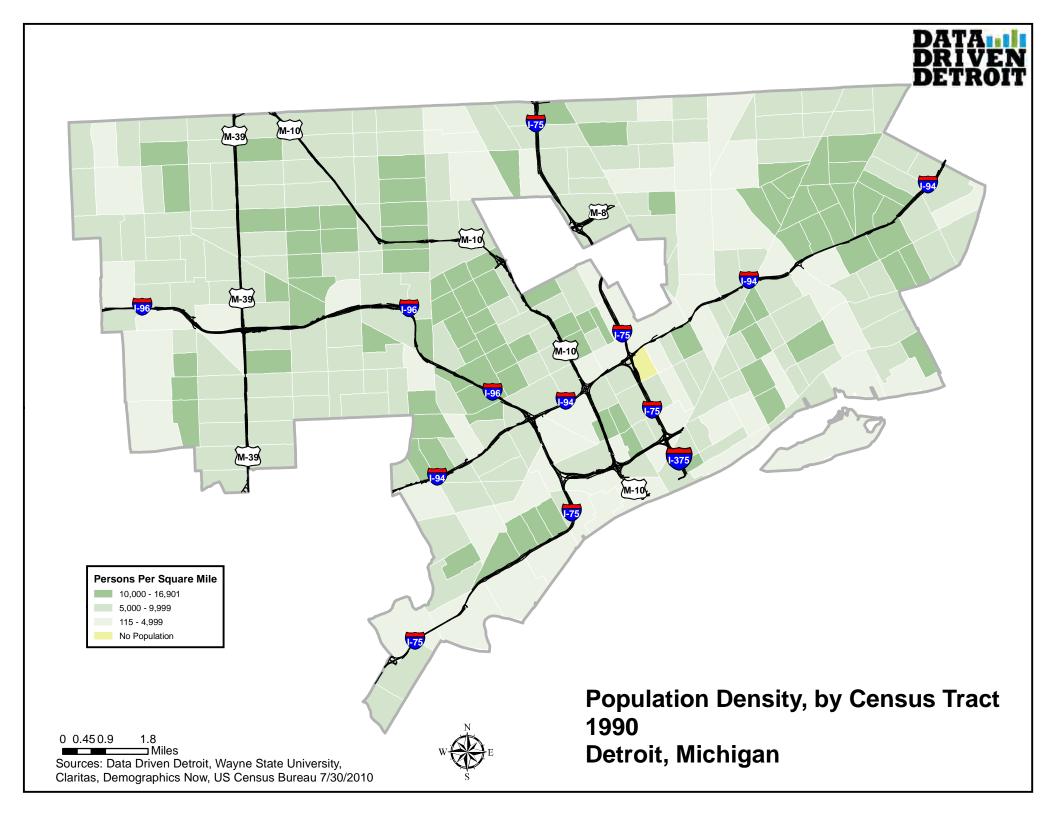


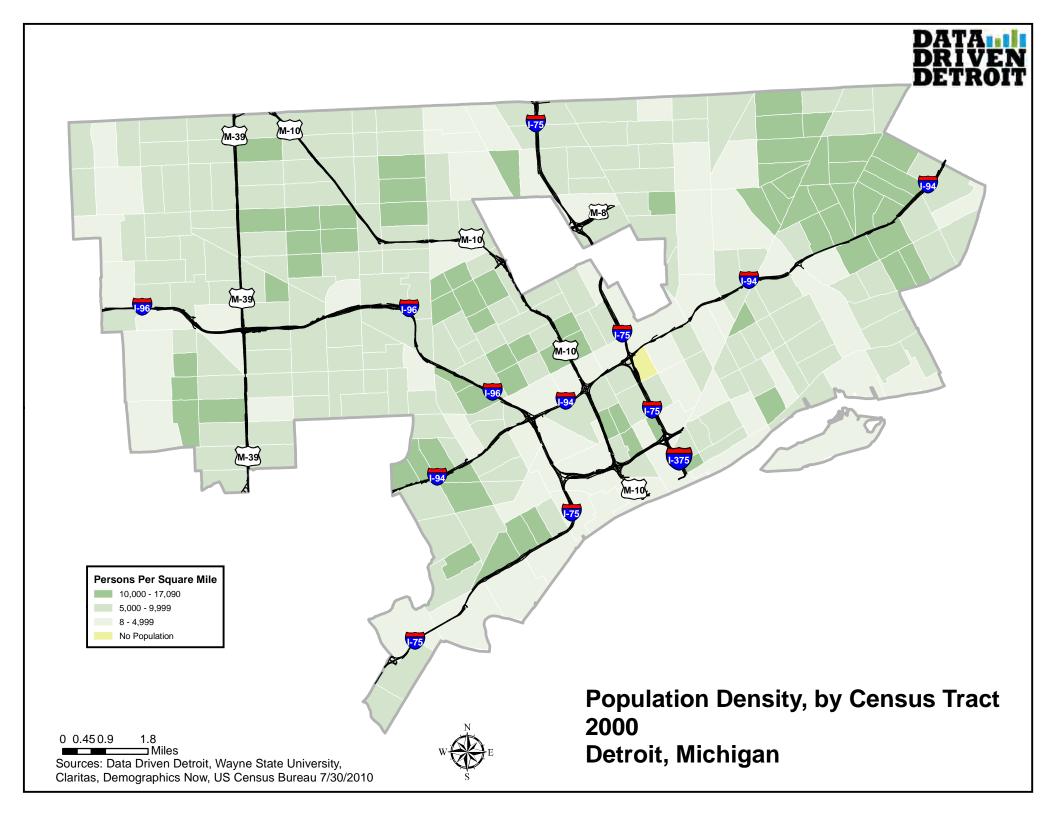


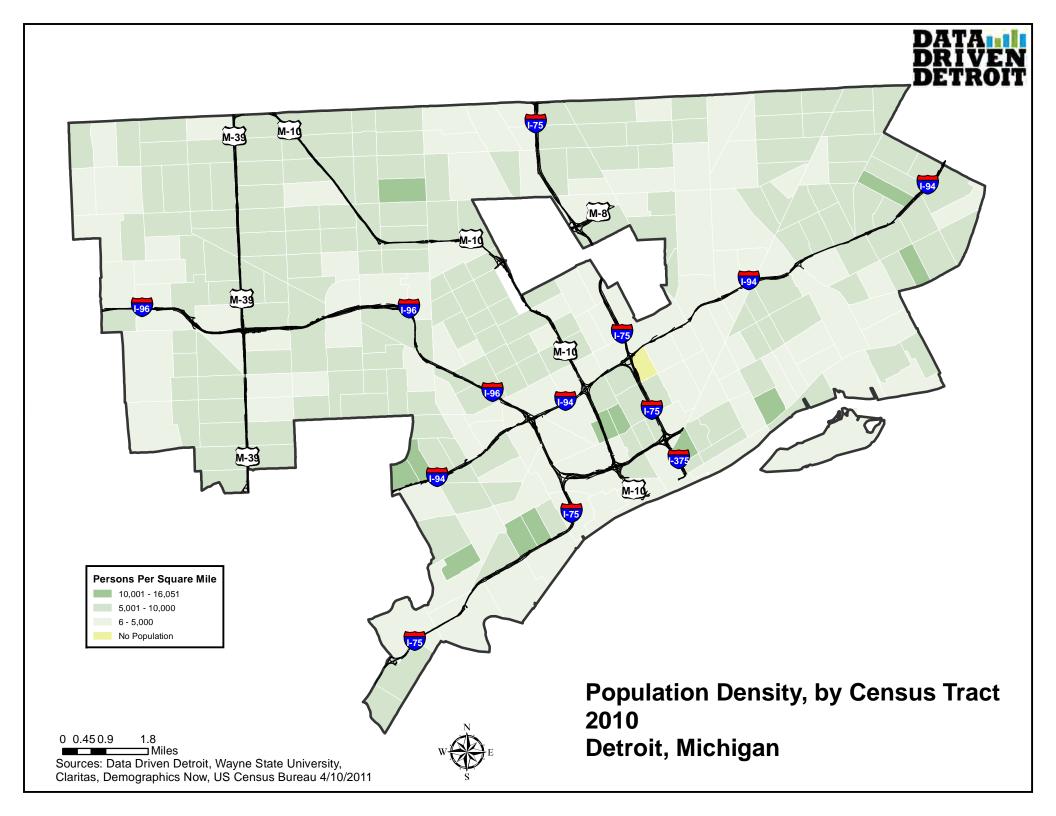












Who will live here?



Direct Impacts of Population Change 1950



Historic Density

185 Homes540 People23 Persons per acre

\$151,673 tax revenue

2010



Current Density

40 Homes 116 People 5 Persons per acre

\$32,794 tax revenue



Developing New Data

A joint project of









With the support of



- Why was it necessary?
 - Partners needed more granular, current, and robust information
 - Condition and Vacancy data was of particular importance
 - Vacant Land survey necessary because of the rapid changes that are not captured within administrative datasets



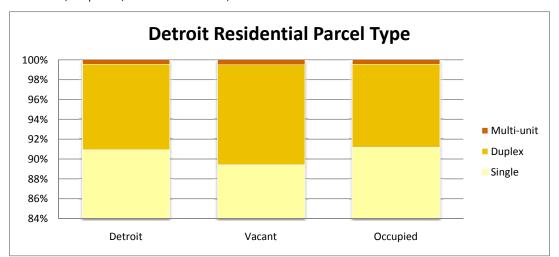
Detroit Residential Parcel Survey

Citywide Report for Vacant and Non-Vacant Housing

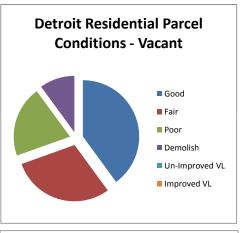


	Detroit			Vacant Housing		Occupied Housing	
Housing Type	Parcels	% of Parcels	% of Housing	Housing	% of Housing	Housing	% of Housing
Single	229,634	67%	91%	29,964	89%	199,670	91%
Duplex	21,793	6%	9%	3,395	10%	18,398	8%
Multi-unit	1,168	0%	0%	168	1%	1,000	0%
Condition							
Good	216,059	63%	86%	13,389	40%	202,665	93%
Fair	24,448	7%	10%	9,926	30%	14,522	7%
Poor	8,519	2%	3%	6,845	20%	1,674	1%
Demolish	3,480	1%	1%	3,365	10%	115	0%
<u>Vacancy</u>							
Vacant	30,806	9%	12%	30,806	92%	0	0%
Possible	2,721	1%	1%	2,721	8%	0	0%
<u>VOD</u>							
Vacant , Open							
and Dangerous	10,413	3%	4%	10,390	31%	23	0%
<u>Fire</u>							
Fire	2,953	1%	1%	2,875	9%	77	0%
Vacant Lot (VL)			% of VL		% of VL		% of VL
Un-Improved	67,843	20%	74%	1	50%	276	62%
Improved	23,645	7%	26%	1	50%	167	38%
		-					
TOTAL*	343,849			33,529		219,511	

^{*} Detroit has ~387,000 parcels, inclusive of Industrial, Commercial and Residential.



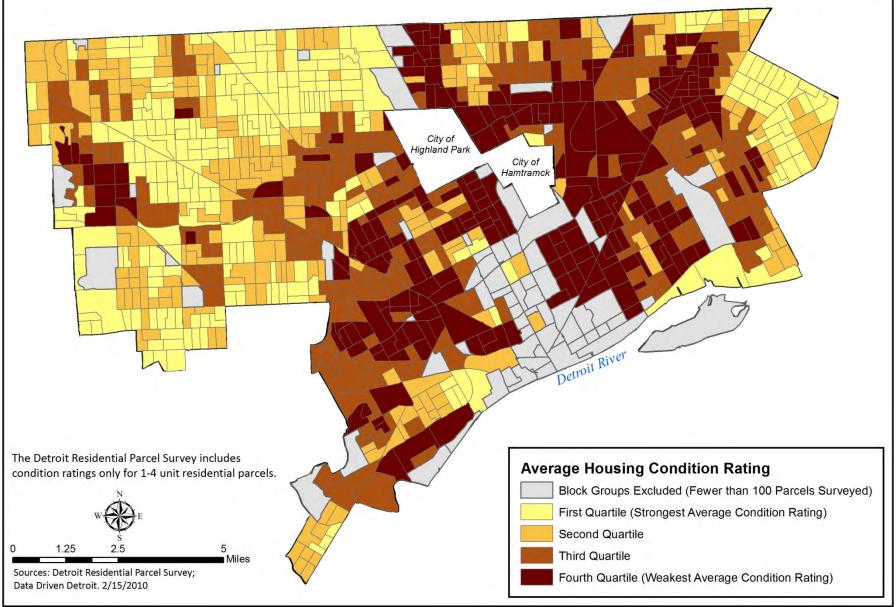






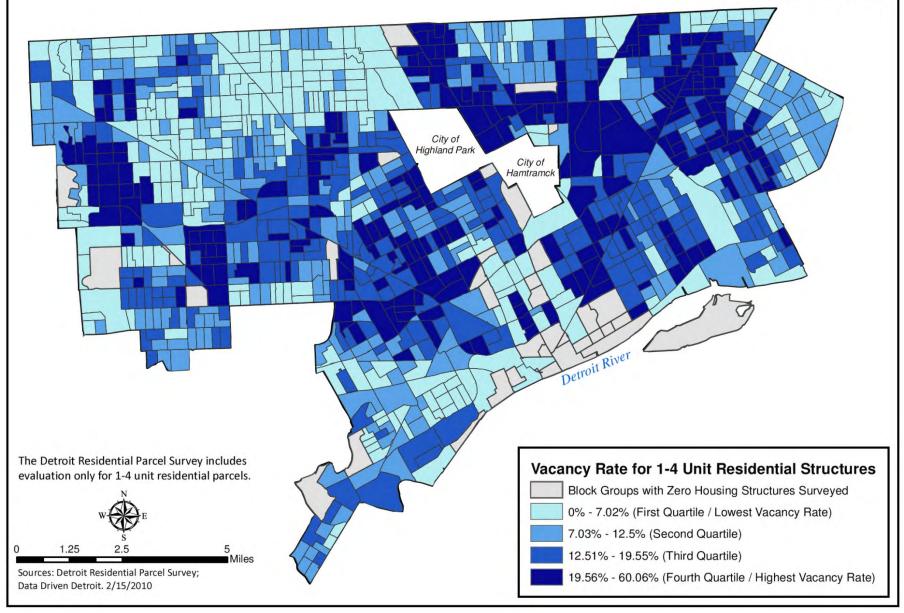
Average Housing Condition, by Census Block Group Detroit, Michigan





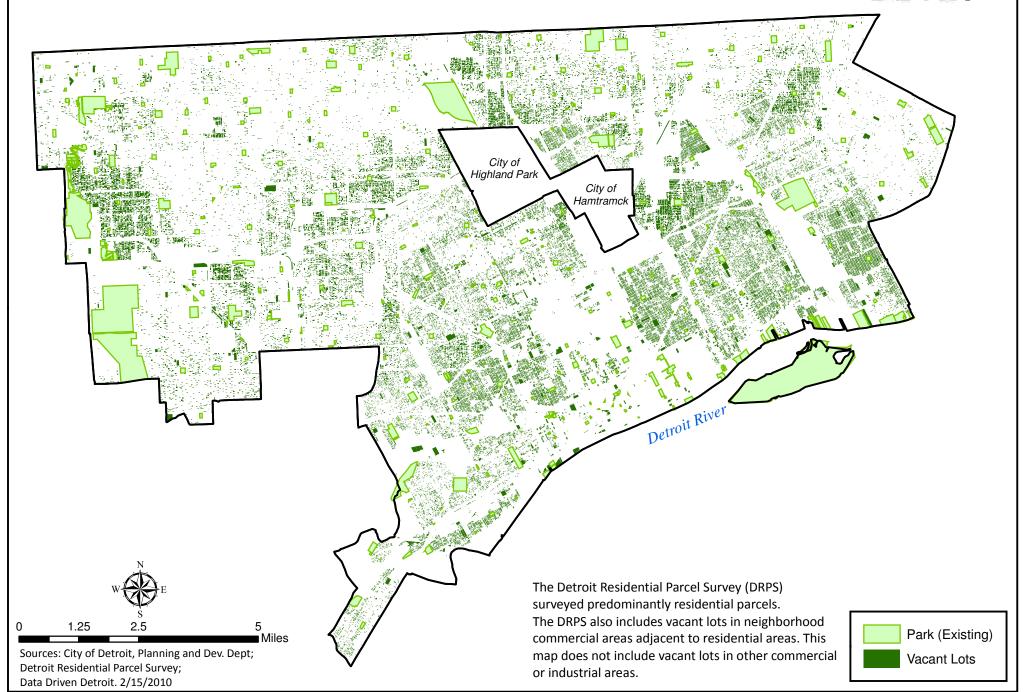
Housing Vacancy Rate, by Census Block Group Detroit, Michigan





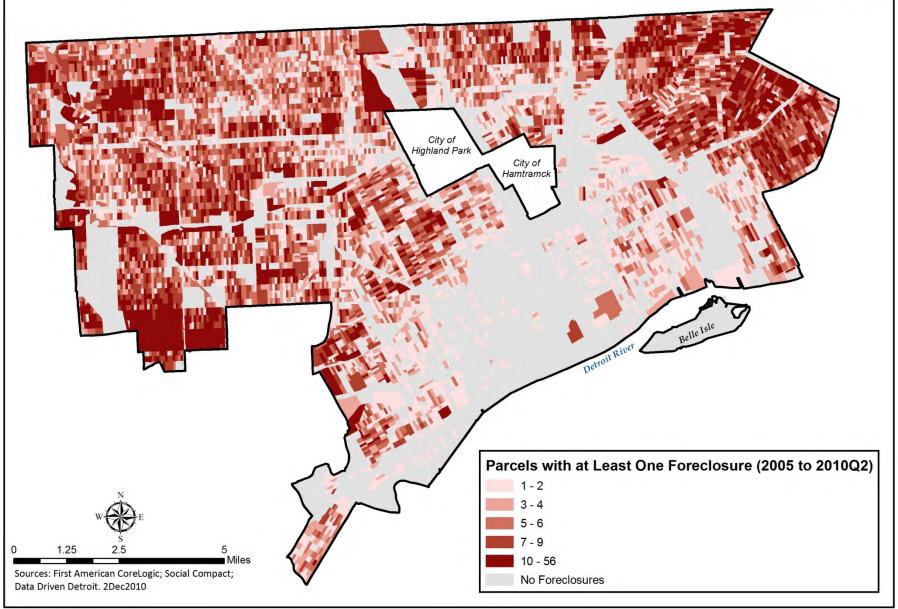
Vacant Lots with Overlay of City of Detroit Parks Detroit, Michigan

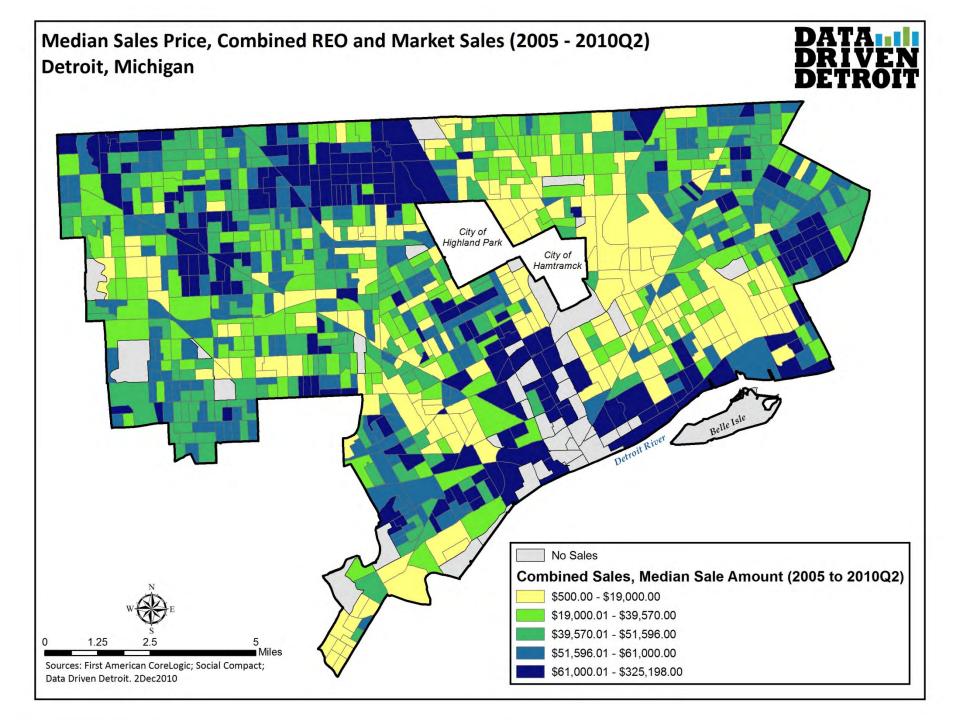


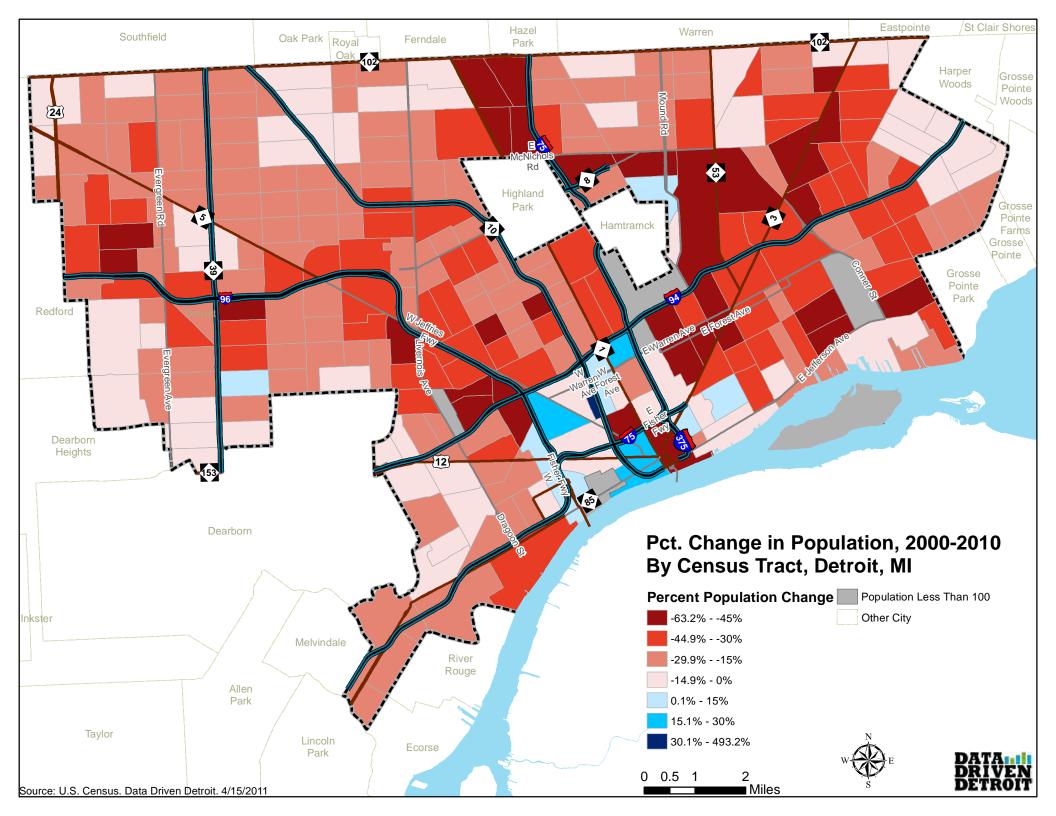


Parcels with at Least One Mortgage Foreclosure, by Census Block (2005 - 2010Q2) Detroit, Michigan









Detroit Tax Foreclosure Data



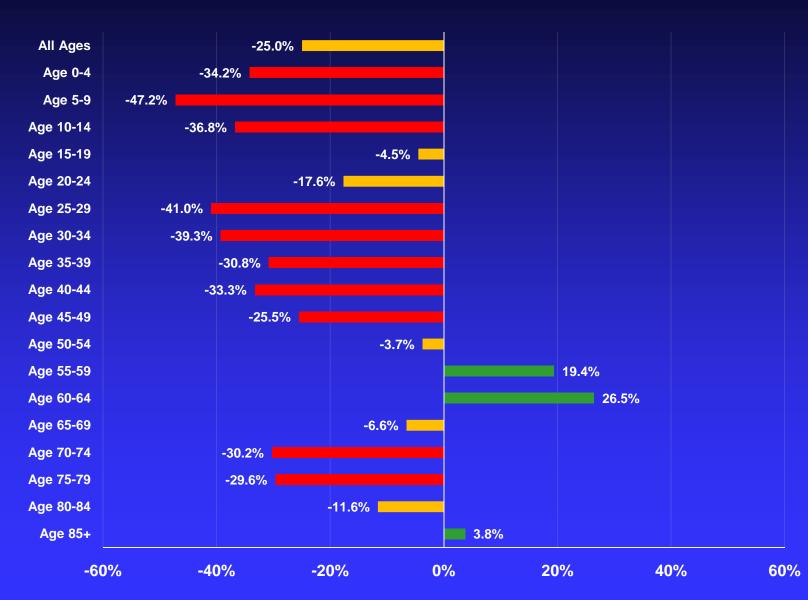


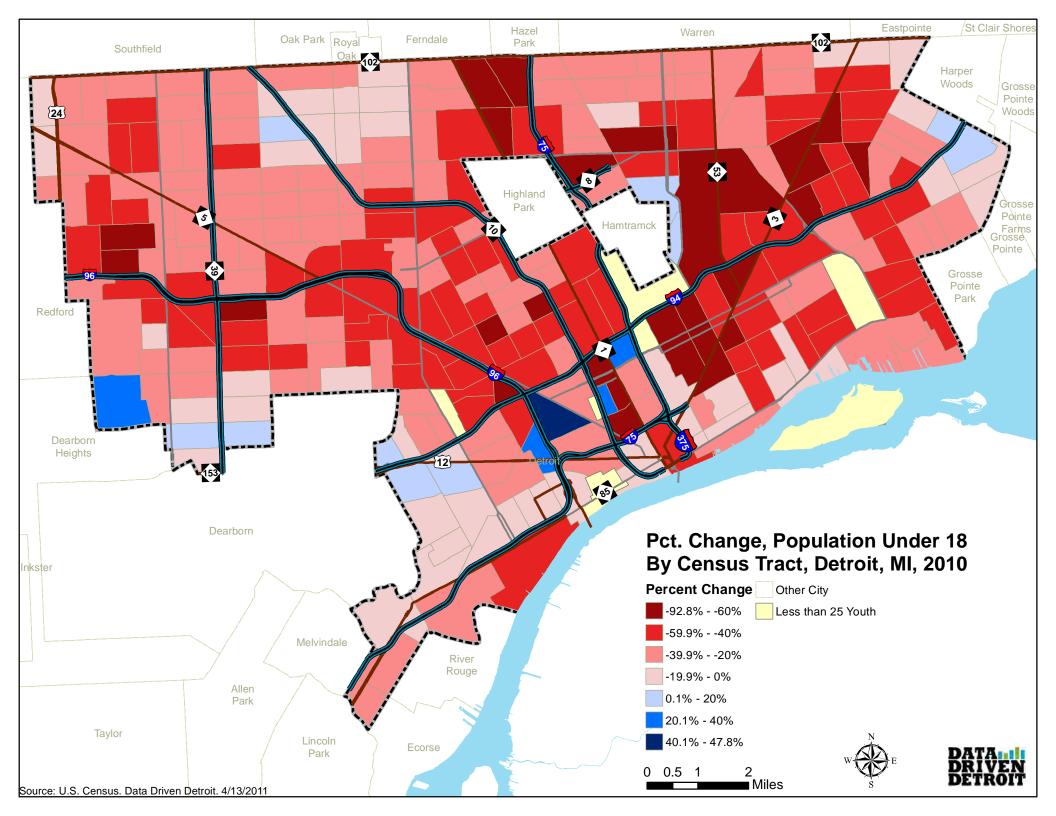
GLOBAL DETROIT

Four Strategic Outcomes

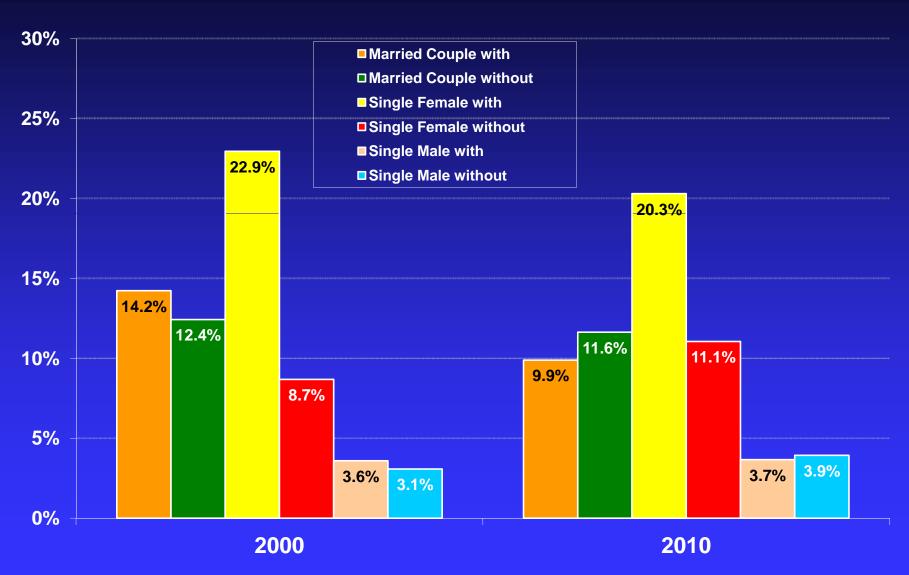
- Make the region welcoming to the international community and immigrants.
- 2. Attract international investment and businesses that create jobs.
- 3. Strengthen, grow, and revitalize neighborhoods in the city of Detroit and in the region's core communities.
- 4. Attract and retain international talent in the region.

2000 – 2010 Population Change by Age Group DETROIT



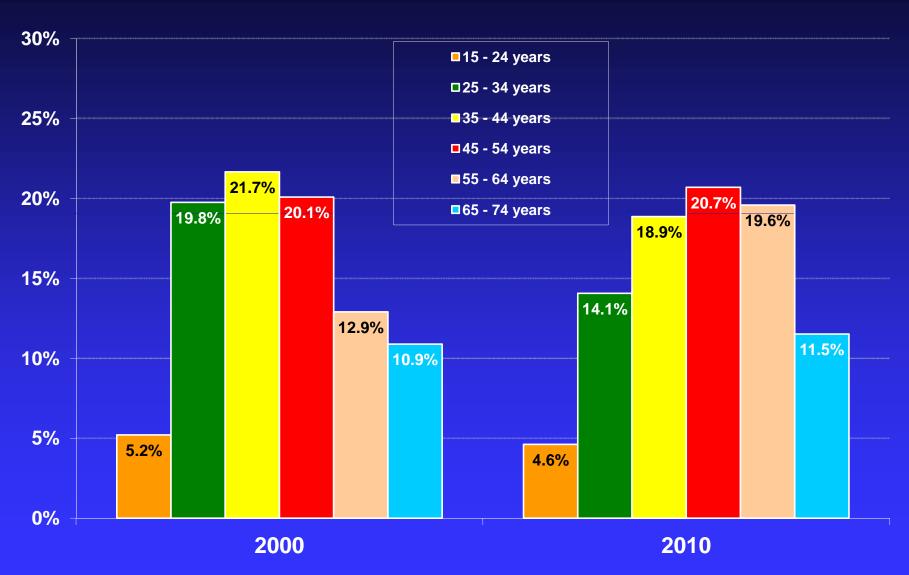


Composition of Detroit Households, 2000 - 2010



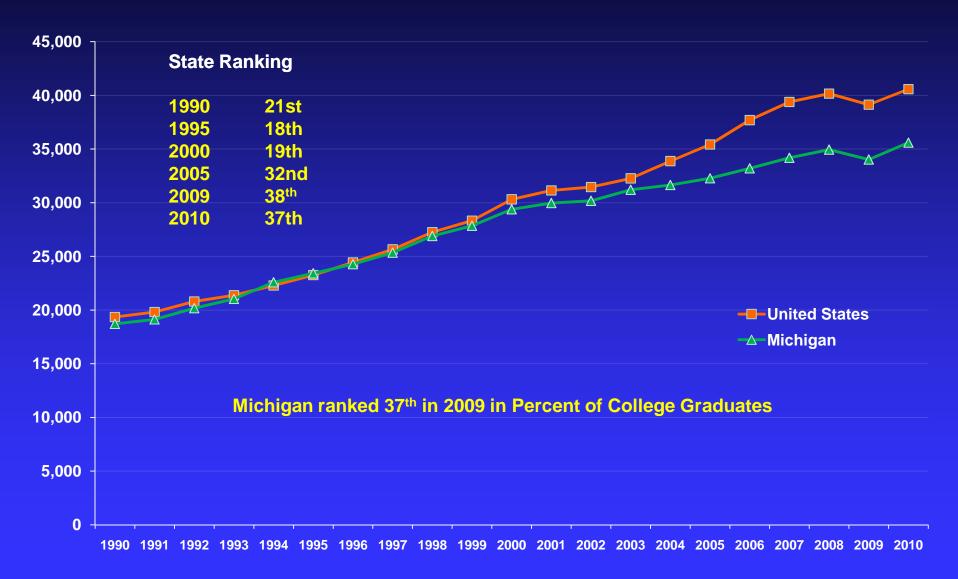
Source: Census Bureau

Age Structure of Detroit Householders, 2000 - 2010



Source: Census Bureau

The Economic Downturn Faced by Michigan This Decade is Reflected in Per Capita Personal Income



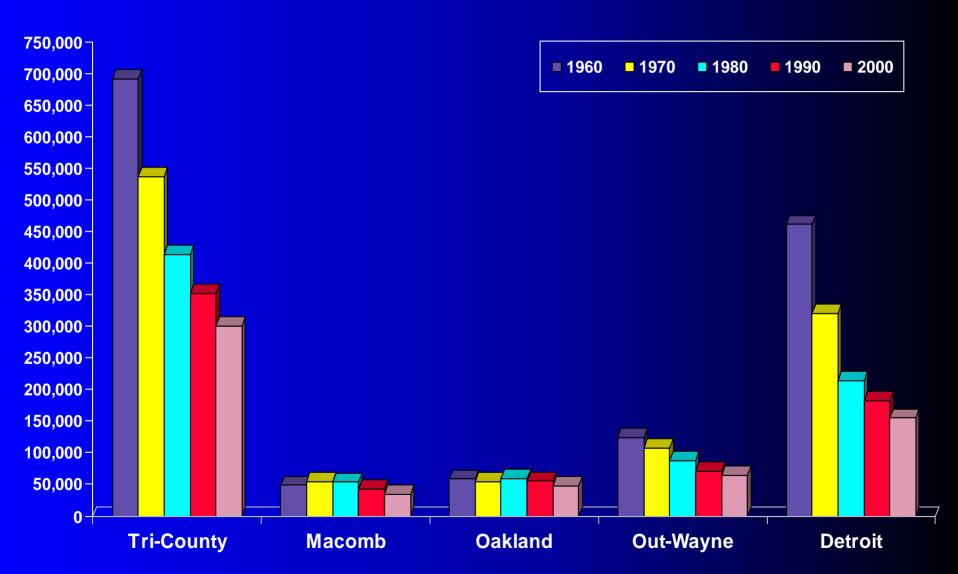
Source: Bureau of Economic Analysis and Census Bureau

Income* 2000, 2009

	2000*	2009	Change	%Change
Median Household Income				
City of Detroit	38,089	26,098	-11,991	-31.3%
Southeast Michigan	63,303	48,535	-14,768	-23.3%
Macomb County	67,070	50,553	-16,517	-24.6%
Oakland County	79,692	62,308	-17,384	-21.8%
Wayne County	52,491	38,192	-14,299	-27.2%
Michigan	57,499	45,255	-12,244	-21.3%
United States	54,058	50,221	-3,837	-7.1%

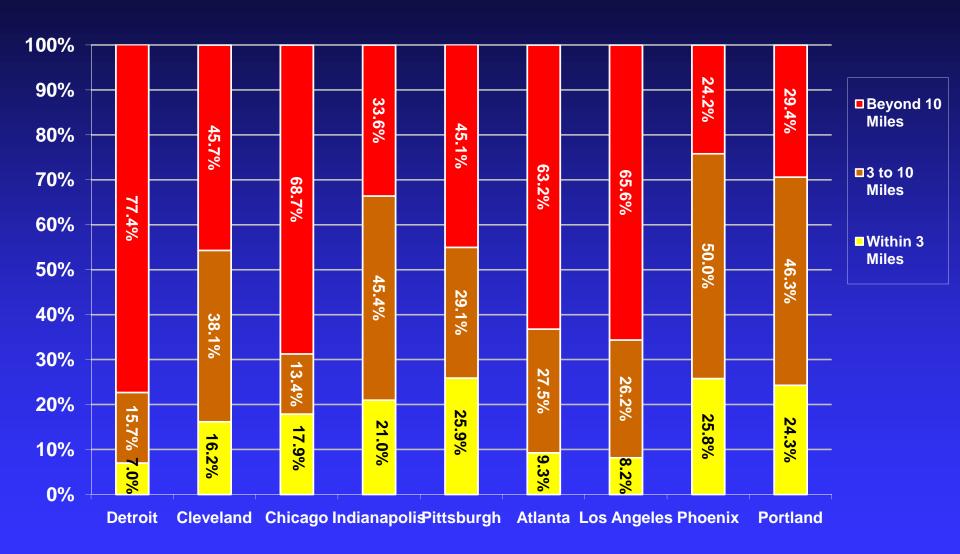
^{*} Note: All 2000 monetary values are adjusted to 2009 dollars using U.S. Consumer Price Research Series Index for All Urban Consumers (CPI-U-RS) from 1999 to 2009. Source: U.S. Department of Labor

The Number of Tri-County Residents Reporting Working in Detroit Has Dropped by 391,000 (57%) Over Last 40 Years

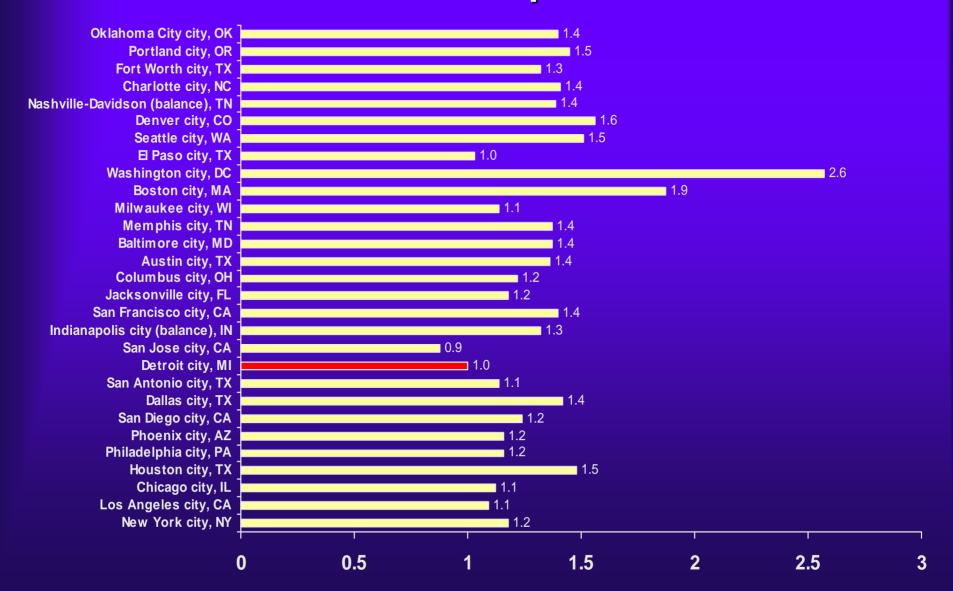


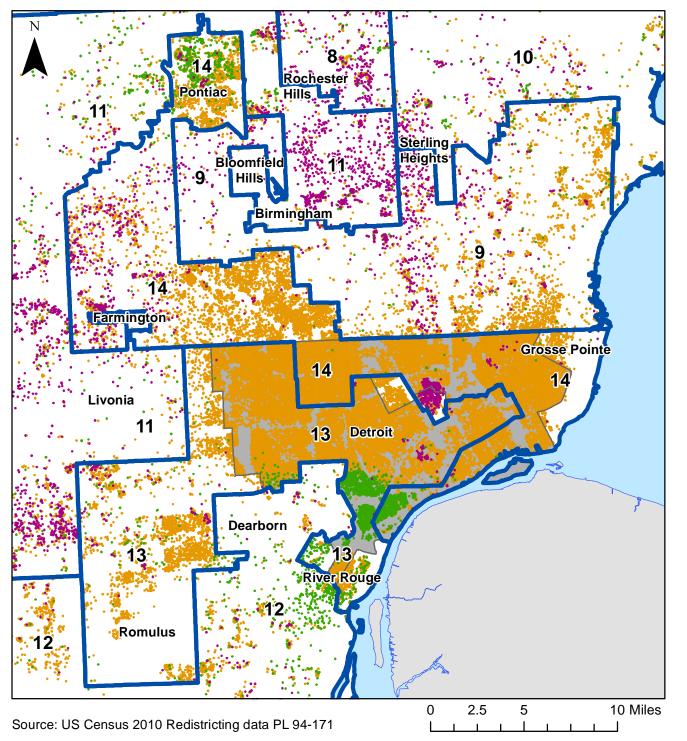
Source: Census Bureau - 1960-2000

Detroit is the Most Decentralized (Sprawled) Employment Metro in the U.S.



Detroit's Daytime Population is Slightly Less than Its Residential Population

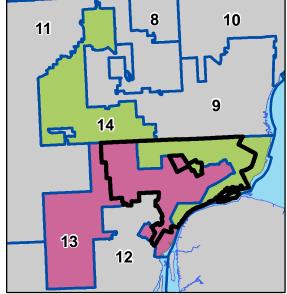




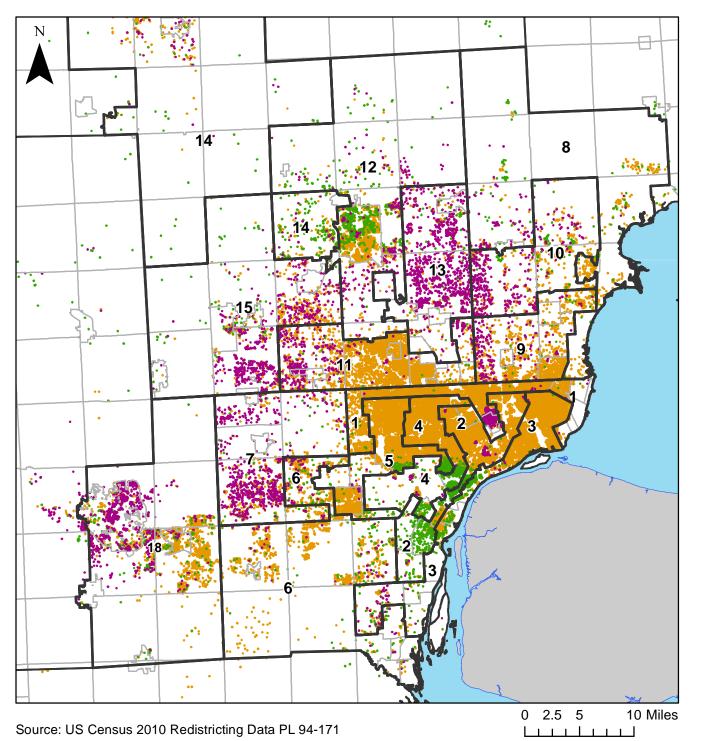
2011 State Apportionment Of Congressional Districts By Racial Distribution In Detroit

1 Dot = 25 People

- Hispanic
- Black (non-Hispanic)
- Asian (non-Hispanic)
- District Lines
- Water
- Detroit
- Neighboring Areas



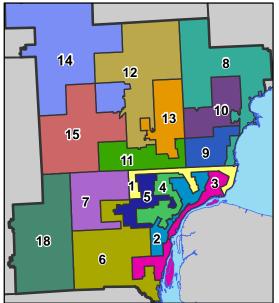




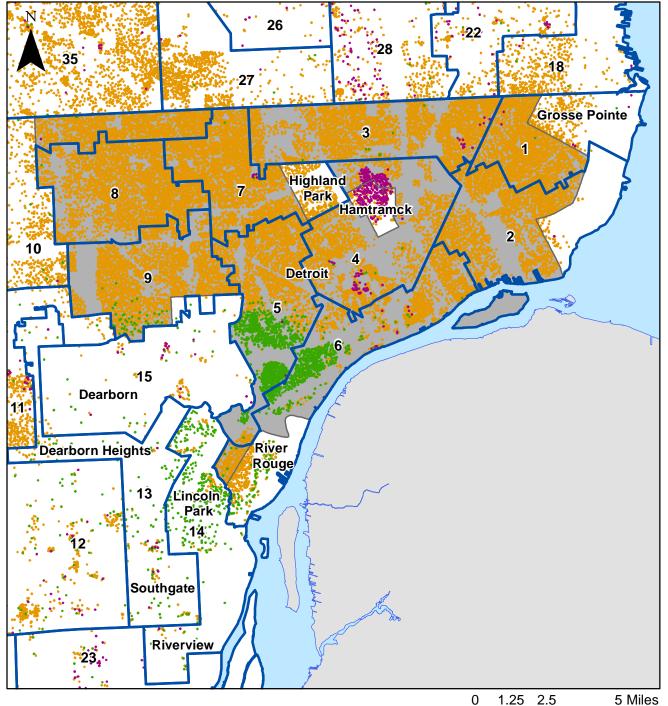
2011 State Apportionment Of Senate Districts By Racial Distribution In Southeast Michigan

1 Dot = 25 People

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- Asian (non-Hispanic)
- District Lines
- Water
- Neighboring Areas



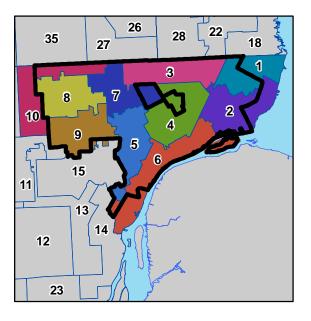




2011 State Apportionment Of House Districts By Racial Distribution In Detroit

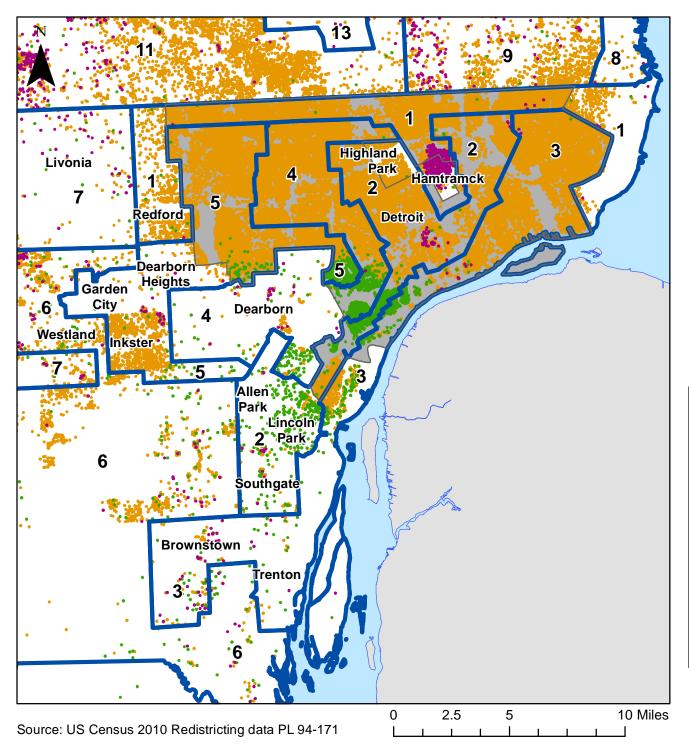
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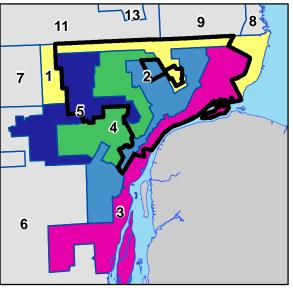
Source: US Census 2010 Redistricting data PL 94-171



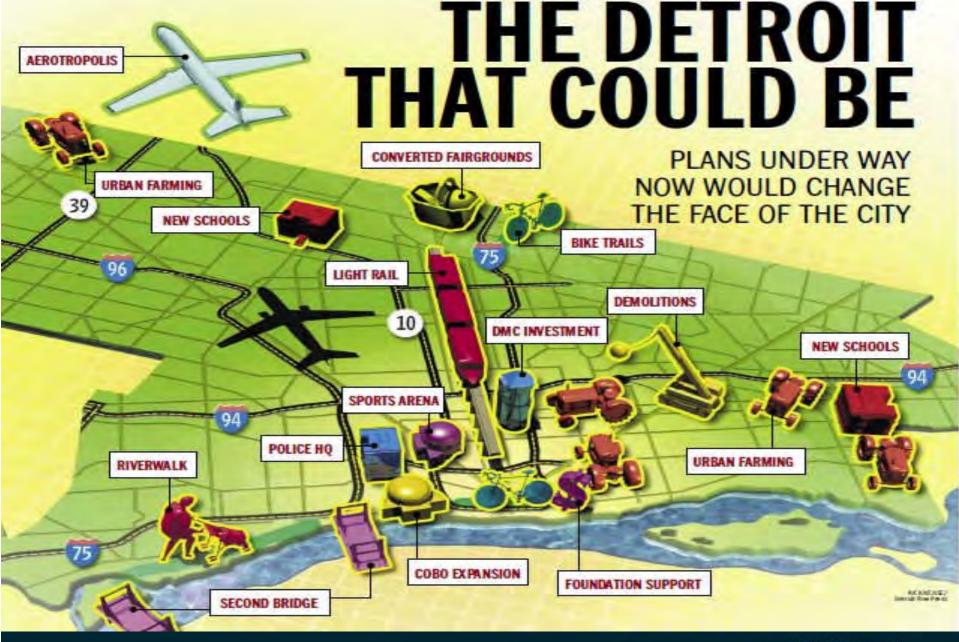
2011 State Apportionment Of Senate Districts By Racial Distribution In Detroit

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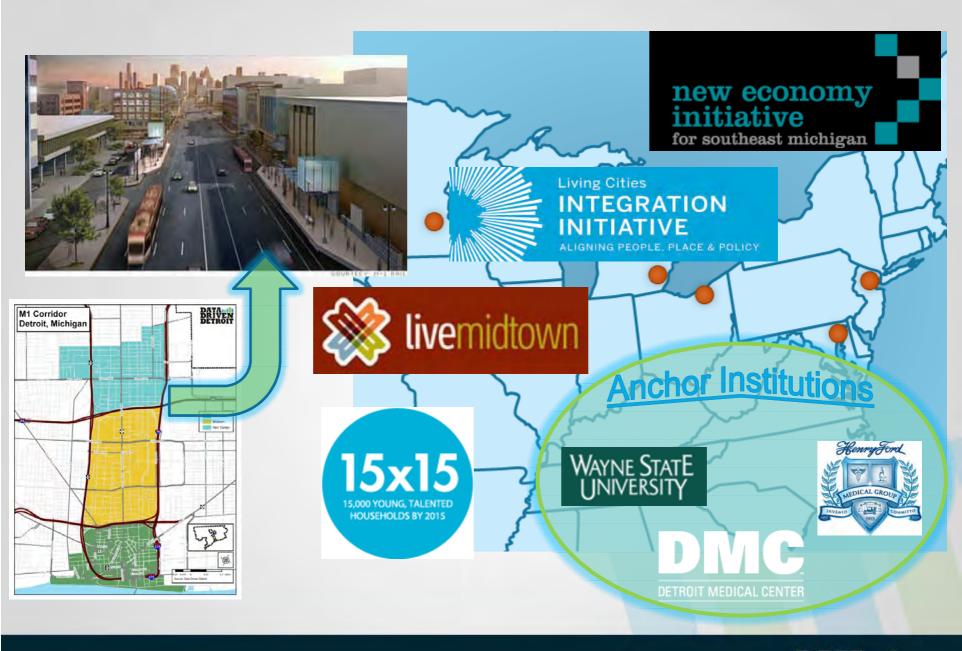
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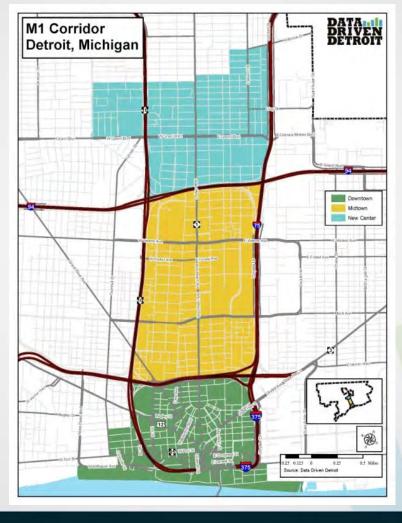




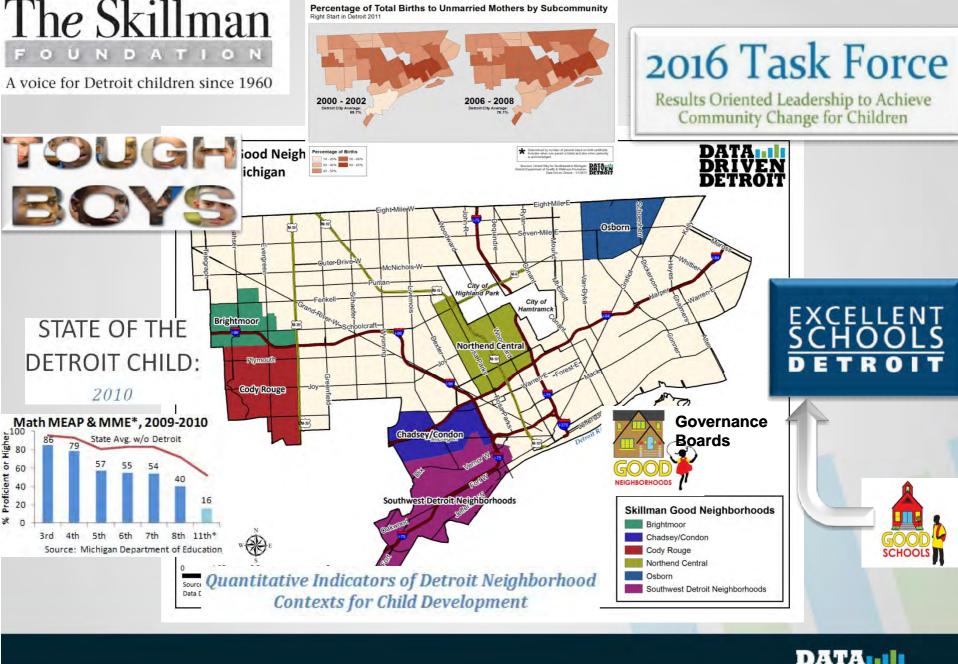




M1-Rail Neighborhood Indicators Benchmarks





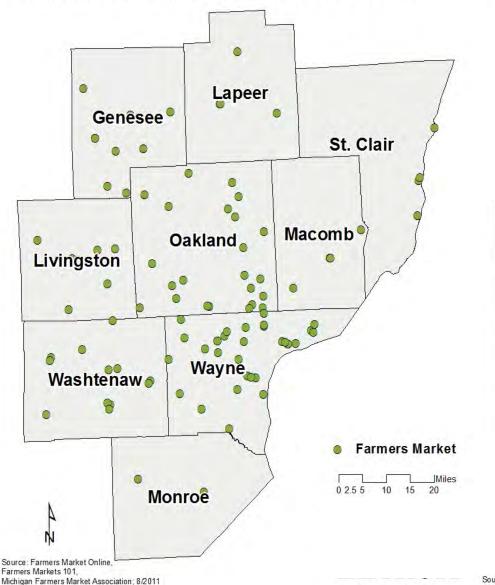


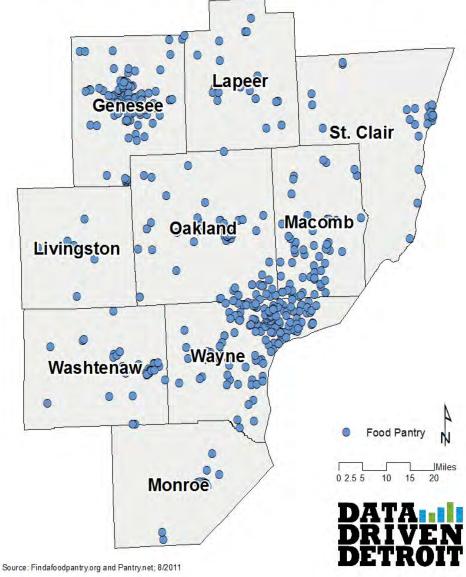


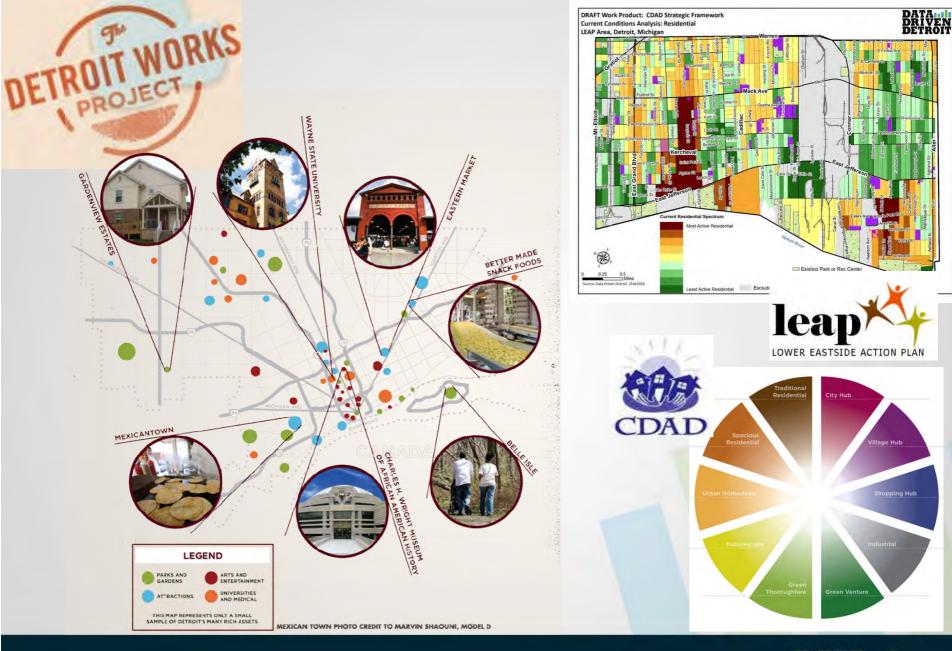
Community Asset Mapping

Farmers Market Locations
Detroit-Ann Arbor-Flint Combined Statistical Area

Food Pantry Locations
Detroit-Ann Arbor-Flint Combined Statistical Area









Community Development

Advocates
Strategic
Framework

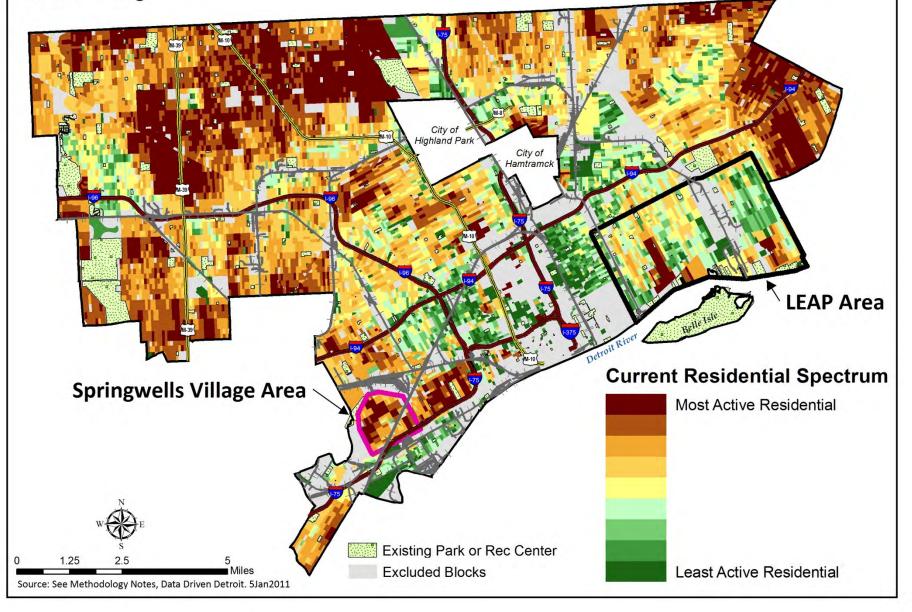


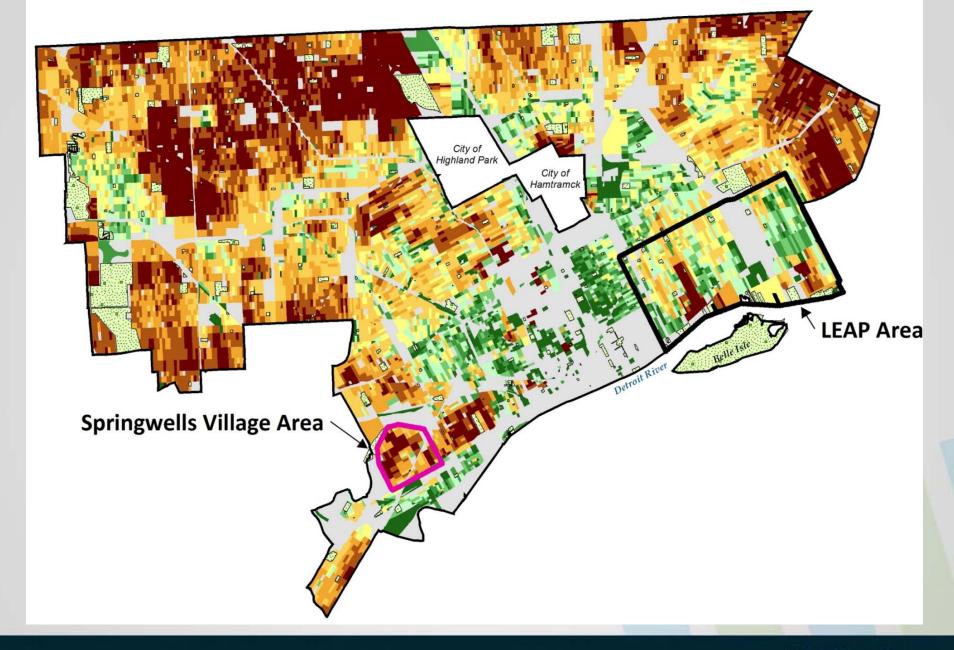
DRAFT Work Product: CDAD Strategic Framework

Current Conditions Analysis: Residential

Detroit, Michigan

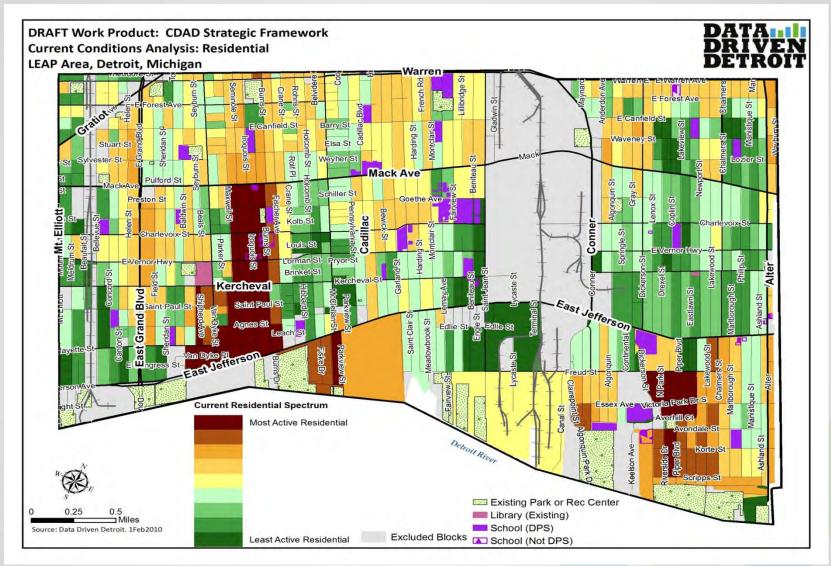




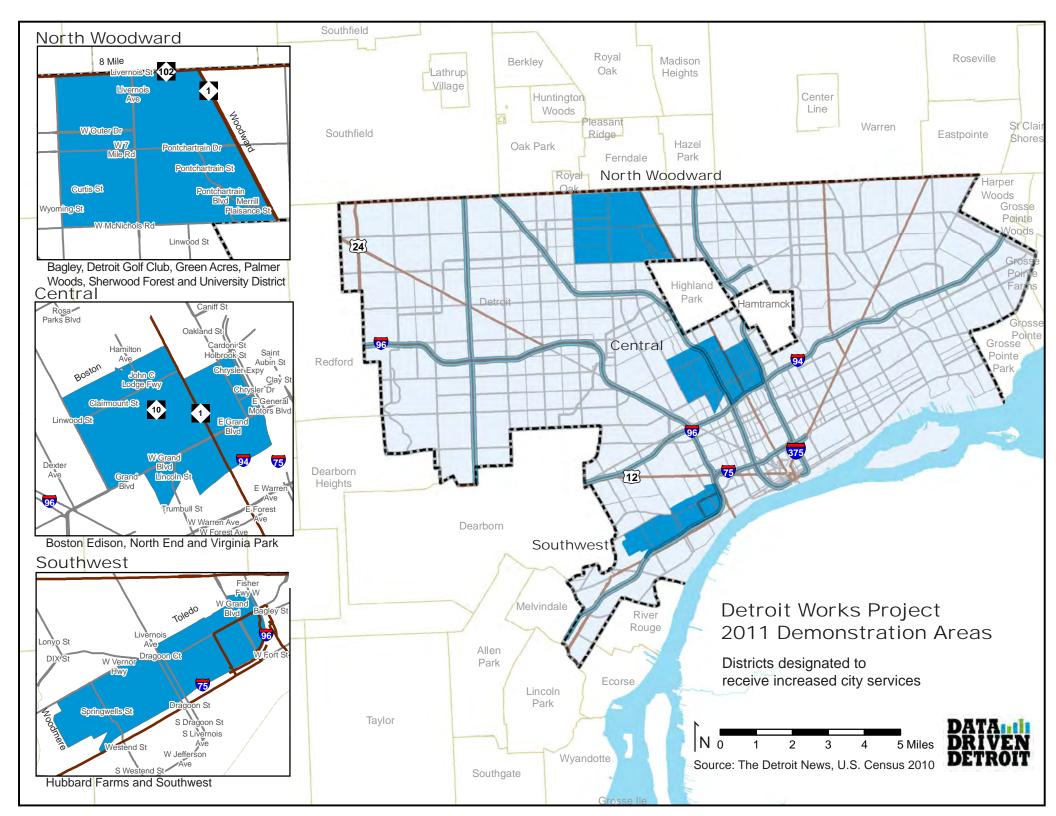


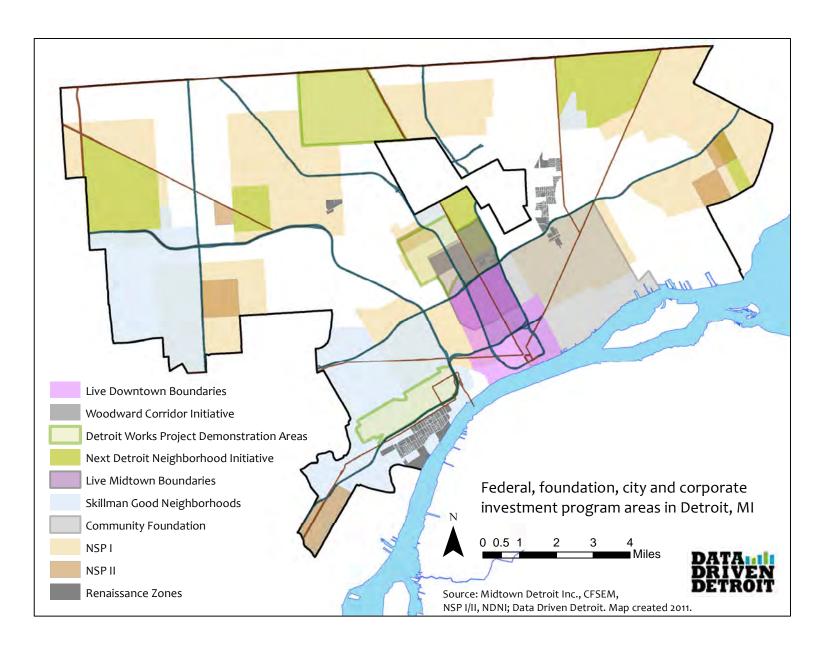


Lower Eastside Action Plan

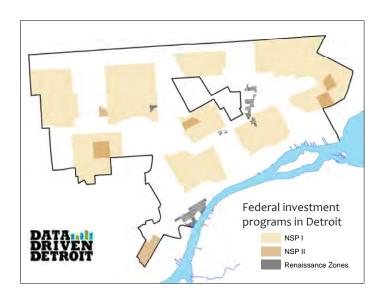


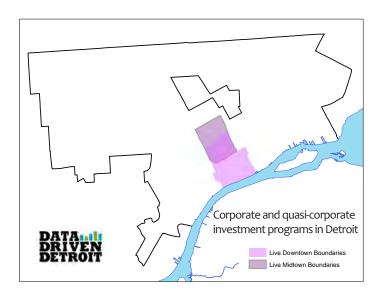


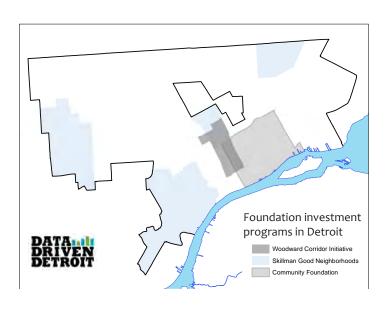














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DATA & MAPPING

NEW BETA! Community Data Profiles and Interactive Mapping Tool

Southeast Michigan Community Profiles by Neighborhoods, Planning Areas, Cities and Towns, and 9 Counties. Data & Maps include lots of demographics, economics, education, housing, land use, and more.





Census Bureau Interactive Maps

Population and Apportionment Data



D3 THOUGHTS

Metro Detroit Real Estate -Great Deals In A Great Areal

August 4, 2011

While the local housing market is a bargain for those looking to get in, the drop in value has many current owners "singing the blues." The signs are clear. Michigan ranks high among states in the pe [...Click title to read on]

Elk Grove Sets An Example for All Our Communities to Follow. How About Our Own Pledge to Diversity? August 1, 2011

Today, August 1, the city of Elk Grove, California launches a diversity campaign that recognizes Elk Grove's demographics and offers an online pledge. The campaign comes on the heels of the U.S. Censu [...Click title to read on]

However You Feel About Brussel Sprouts, Make Sure You Hype Them for Your Kids! July 29, 2011

While this may not be your typical data column, it does feature a Top 10 list and it is certainly related to the declining health status and increasing obesity of our children. Men's Fitness Magazine [...Click title to read on]

It May Come From Troy, But Let's Support It In Detroit! July 27, 2011

Beginning tomorrow, Thursday the 28th, Somerset CityLoft, inside Merchants Row at 1441 Woodward in Detroit, between Campus Martius and Grand Circus Park, will



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Community Profiles

Planning Areas of Detroit

Master Planning Neighborhoods
Community Foundation of Southeast Michigan
Local Initiatives Support Corporation - Strategic Investment Areas
Neighborhood Stabilization Program 1
Neighborhood Stabilization Program 2
Next Detroit Neighborhood Initiative
Planning Clusters
Skillman Good Neighborhoods
United Way Subcommunity

Cities & Townships in

Genesee County Lapeer County Livingston County Macomb County Monroe County Oakland County St. Clair County Washtenaw County Wayne County

Counties of Southeast Michigan

Genesee County Lapeer County Livingston County Macomb County Monroe County Oakland County St. Clair County Washtenaw County

Wayne County

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Data Driven Detroit has partnered with the Community Research Institute to bring you this website. D3's work is supported by the Skillman Foundation and the Kresge Foundation.

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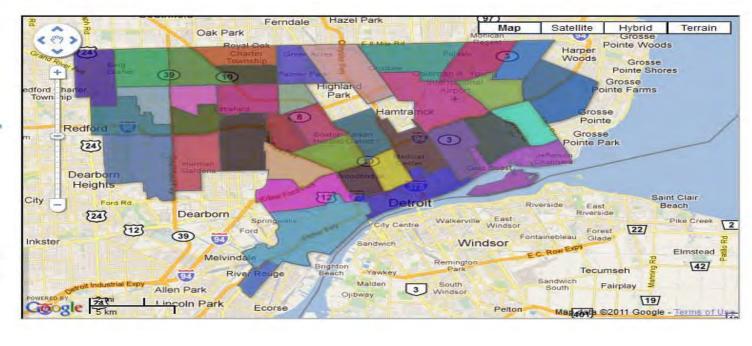
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United Way Subcommunity

Airport Bagley Belle Isle Boynton Brightmoor Brooks Burbank Central Cerveny Chadsey/Condon Chene Cody/Rouge Connor Denby Downtown Durfee Evergreen Finney Grandmont Greenfield Harmony Village Jefferies Kettering/Butzel Mack Mackenzie McNichols Osborn

Palmer Park Pembroke Pershing Redford Rosa Parks Rosedale Park St. Fair/Nolan St. Jean Tireman University Vernor





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University

Geographic Type: Detroit United Way Subcommunity



Demographics Economics & Education	Housing Value	Parcel Survey				
Population		Average*	Lowest*	Highest*		
** Total Population (2000) map	16,877	24,392	6,968	44,894		2
Population Density (per sq mile) (2000) map	8,080.0	7,228.9	2,921.3	10,827.4	_	?
Race	Value	Average*	Lowest*	Highest*		
% White (2000) ¹ map	18.6 %	9.4 %	0.7 %	30.3 %	-	?
% Black or African American (2000) map	69.4 %	84.0 %	9.4 %	97.4 %	- 100	2
% American Indian or Alaska Native (2000) map	0.5 %	0.3 %	0.1 %	0.8 %	1	?
% Asian or Pacific Islander (2000) map	7.6 %	0.9 %	0.1 %	7.6 %	-	2
% Other Race (2000) ¹	0.2 %	0.2 %	0.1 %	0.3 %	1	2
% Two or more races (2000) ¹	1.9 %	1.8 %	0.9 %	5,1 %	1	?
% Hispanic or Latino (2000) map	1.9 %	3.4 %	0.4 %	57.7 %	4	?
Gender	Value	Average*	Lowest*	Highest*		
% Females (2000) 1 map	48.1 %	53.0 %	46.9 %	55.8 %		2
% Males (2000) ¹ map	51.9 %	47.0 %	44.2 %	53.1 %		?
Age	Value	Average*	Lowest*	Highest*		
% Population under 5 years old (2000) map	5.5 %	7.7 %	3.8 %	10.3 %	-1	?
% Population 5 to 17 years old (2000) map	13.1 %	22.4 %	10.2 %	30.6 %	-	?
% Population 18 to 19 years old (2000) map	3.7 %	2.8 %	2.1 %	4.9 %	4	?
% Population 20 to 24 years old (2000) map	10.4 %	6.8 %	5.2 %	10.4 %	+	?
% Population 25 to 34 years old (2000) map	19.7 %	14.9 %	11.6 %	19.7 %	-	?
% Population 35 to 44 years old (2000) map	15.0 %	14.4 %	12.8 %	17.2 %	-	?



a project of the Community Research Institute SELECT A GEOGRAPHY+ **ENTER A LOCATION** 2000 Percent under 5 [explain] @ DRAW A RADIUS AROUND A POINT OF DRAW A CUSTOM GEOGRAPHY Mode: Basic | Advanced Select Topic: Population/Demographics Please select a topic to see some questions related to that topic. Housing Vital Records/Health Winterhalter Middle Woodward Education Employment and Income Voting Mackenzië O Crime III Transportation 2010 US Census Hard to Count Rosa Parks East Riverside Select Points: Middle East Central ■ Nonprofit Organizations Tireman Public Schools Congregations Woodward or AND ■ Food Pantries ■ Vita Site Locations Lower East Central Belle Isle Golf Course Percent of population under 5 years old Belle Isle Park 0.00 - 4.86 Condon 4.87 - 5.76 5.77 - 6.50 Chadsey Wyandotte St.E. Detroit 12 Michigan Ave 6.51 - 7.35 Riverside Dr E. 7.36 - 8.64 Wyandotte St E 8.65 plus Shaded by: Block Group ▼ Source: US Census Bureau Year: 2000 | 2010 Windsor FordFord Motor Company Of Canada-Plant West Riverfront Daimlerchrysler Canada-Plant



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