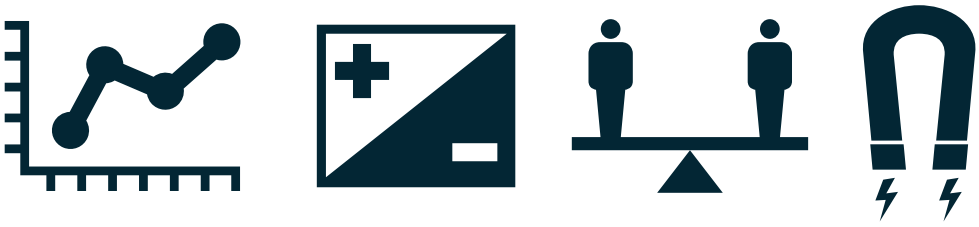

Positives & Negatives:

Finding a balanced approach through data

DATA DRIVEN DETROIT

2011 Annual Report

Kurt Metzger D3 Director

Dear Partners and Supporters,

The year following a Census is always an important one. The results of this massive survey inevitably create waves that impact every level of geography, from city block to nation. The Census is the most powerful tool the United States has to enable its residents to (1) understand the demographic and housing changes occurring in every neighborhood; (2)determine how a wide variety of public and private funds will be allocated; and, (3)review how politicians are redrawing election districts.

The results illustrated unprecedented changes in Detroit, across our region, and throughout the State. According to the new 2010 Census numbers, Michigan was the only state in the country to lose population over the decade. The City of Detroit experienced one of its largest percentage losses over the last 6 decades, dropping 25 percent as more than 185,000 African American residents moved out. Population losses and shifts throughout the Detroit region necessitate understanding followed by reflection.

These changes have resulted in increased national and international focus on Detroit. The national media views us as a laboratory for learning how to recover from the recession. We have the opportunity to become a role model for post-industrial 21st century cities. Other regions are looking to Southeast Michigan to understand how sustainability can be created in an area with a history of population sprawl and loss.

We at Data Driven Detroit (D3) believe that, true understanding demands the availability of accurate data. Data-driven decisions will be essential to successfully emerging from our current situation.

This is a time of significant transition for the region, and D3 is adapting accordingly. To better serve our community, we began the important task of develop-ing and implementing a new strategic plan for our organization. We have also invested significant time and resources in improving our data infrastructure - the library of data sets which we use for all our D3 work. Our data analysts are revamping and improving our frequently used data sets, enhancing our ability to use them quickly and effectively in our analyses.

In the past year, we have expanded our office, effectively doubling our square footage to make room for our expanding staff. Additionally, D3 is now a proud employer in Detroit Revitalization Fellows Program, making it possible for us to attract and retain a highly skilled analyst.

D3 is also expanding its partnerships. We are now a partner in the Living Cities Integration Initiative, a multi-city project which seeks to "advance successful models for effective urban investment and transformation. " D3 assists the Woodward Corridor Initiative (WCI), Detroit's Integration Initiative project, helping them to use data effectively at all levels of decision-making.

D3's media outreach has grown significantly in 2011. This year we assembled a communications team, making it possible to release the first three issues of our new quarterly newsletter, the Common Denominator, as well as launch our staff blog, Block by Block. The newsletter and blog provide an avenue for D3 staff to discuss their research interests, heightening D3's profile for potential partners and the general public, as well as supporting a new generation of thought leaders.

We are fortunate to be in a position to serve all segments of the community in this era of profound transformation. We would like to take this opportunity to thank those who have been willing to share data across organizational and institutional boundaries. We thank our partners who have collaborated with our staff in innumerable ways. We thank our clients, who have sought our expertise as they build their visions for the future. And most of all, we thank our principal funders, The Skillman Foundation and The Kresge Foundation, for making the democratization of data a reality in Detroit.

Sincerely,
Kurt Metzger
Director, Data Driven Detroit

About D3

DATA DRIVEN DETROIT

Data Driven Detroit (D3) provides accessible, high-quality information and analysis to drive informed decision-making that strengthens communities in Southeast Michigan.

D3 was launched in 2009 with funding from The Skillman Foundation and The Kresge Foundation. D3 incorporates features of "neighborhood data systems" that currently operate in many cities across the country. These systems encourage the direct and practical use of data, with the ultimate goal of improving the quality of life for residents in distressed urban neighborhoods. Championed by the Urban Institute, such systems are the backbone of the National Neighborhood Indicators Partnership (NNIP), a highly regarded consortium of organizations dedicated to the democratization of data, of which D3 has been a member since 2009. As a "one-stop shop" for data about the city of Detroit and the metro area, D3 promotes thoughtful community building and effective policymaking.

Data Driven Detroit is

Louis Bach
Communications

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Research Analyst

Jeffrey Bross
Associate

Danny Devries
Economic Analyst

Eleanore Eveleth
Community Development Projects Manager

Katharine Frohardt-Lane
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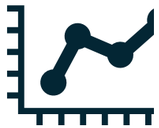
Eric Schmeling
Analyst

Melissa Smiley
Health Analyst & Detroit Revitalization Fellow

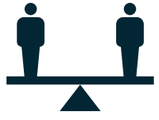
As metro Detroit moves forward, our region will be defined not only by changes that began in the twentieth century but also by new and emerging trends. Detroit simultaneously faces a legacy of significant problems and an opportunity for real innovation. The local and national dialogue about Detroit has shifted from themes of declining industry and population loss to stories of rising efforts to both rebuild and adapt, using everything from small businesses to urban agriculture.

This region must work together to develop a common narrative that respects our diverse histories, while establishing a new set of shared experiences. Our ability to do so successfully requires that we first understand our metropolis objectively and then act in agreement on that common knowledge. We believe that the most direct path to objective consensus is through data. D3 has brought together twelve months of demographic maps and visualizations, using our extensive library of data sets, to provide a common understanding of our region as we build our future together.



Losses into growth: the region must seek to strengthen its economy.

Exposure: we must be willing to exchange ideas between the suburbs and city.



Equity: decision making must include the interests of all residents.

Attraction: the region and the city must work to attract new residents, workers, and businesses.

Positives & Negatives:

Finding a balanced approach through data

DATA DRIVEN DETROIT

2011 Annual Report

State Indicators

The state of Michigan is the context for all of the communities contained within it. Understanding the state provides insight into the underlying issues facing any particular geography within the state. In 2011, Data Driven Detroit (D3) completed work on the Census Compare Tool, an online tool that allows users to examine a decade of demographic shifts for every Michigan geography, and worked with the Community Research Institute to prepare and distribute statewide data sets for One Michigan, a powerful and extensive interactive web tool.

Michigan Council for the Arts and Cultural Affairs & ArtServe Michigan
D3 is creating maps of all the Michigan Council for the Arts and Cultural Affairs grantees for 2011. The maps will assist ArtServe Michigan as they pursue their public policy campaign for the arts. D3 is also collaborating with Art Serve to create a brochure to help them convey the economic impact of the cultural community within Michigan. D3 is also analyzing the data from the Cultural Data Project for Michigan.

The Michigan Council for Arts and Cultural Affairs strengthens arts and culture in Michigan by increasing its visibility; supporting arts education; encouraging new, creative and innovative works of art; and broadening cultural understanding.

Proposal 2 Impact Evaluation
D3 collected data for the Michigan Roundtable for Diversity and Inclusion to track the impact of the 2006 ban on affirmative action in state university admissions and public hirings. As a result, D3 and the MRDI now have access to a database of state employment by race and gender from 1980 through the present.

Census 2000-2010 Comparison
D3 analyzed Census data and automated reports to develop six-page profiles of demographic change for every community in the state. The analyses covered a wide range of geographies, including Census tracts, ZIP code tabulation areas, school districts, villages, townships, cities, and counties. We also created an interactive web-based tool that allows the user to access these profiles quickly and simply.

One Michigan
D3 partnered with the Community Research Institute to expand their interactive profile and mapping tool's coverage to the entire state. One Michigan allows users to create specialized reports based on customized geographies and graphs. The project involves standardizing the formatting of various data sets collected by D3 and others. These data sets include: mortgage, land cover, and block-level voter history data for the entire state among others.

Regional Indicators

While fine-grained neighborhood-level analysis is important for understanding variation within communities, the wider lens of the region can also provide valuable insight. Data Driven Detroit's (D3) regional indicator work includes occupational and skills-gap research for Goodwill's planning process and a Senior Mobility Outreach survey to profile the mobility of seniors within the metropolitan area.

Cultural Alliance of Southeast Michigan (CASM)
D3 designed CASM's member survey and analyzed the resulting data. Part of D3's analysis included maps of cultural organizations' locations within southeast Michigan. The survey results inform CASM and its member organizations on effective engagement practices with their various audiences.

Funded by the John S. and James L. Knight Foundation, this innovative research project explores the relationship between member organizations and other community sectors such as businesses, faith-based organizations, local civic groups, government, education and others. This research studies audience relationships and the potential reach for arts and culture.

Senior Mobility Outreach
D3 designed a questionnaire used to gather data about unmet senior mobility needs, including information on their travel patterns, modes of transportation, use of available transit, attitudes toward the public bus systems in Southeast Michigan, and satisfaction with their personal mobility. D3 provided analysis of the questionnaire data throughout the eighteen months of the project. The final report to the funder, the Community Foundation of Southeast Michigan, will inform policymakers and urban planners concerned about better meeting the mobility needs of Southeast Michigan's senior population.

Goodwill Industries of Greater Detroit
D3 prepared a report for Goodwill Industries of Greater Detroit to inform and assist the organization with their program planning. The report examines four areas of research: emerging and declining industries, emerging and declining occupations, skill gaps in workers (i.e. the difference between workers' current skills and the skills that the market demands of workers), and the workforce development landscape.

Area Agency on Aging 1B (AAA-1B) Wait-List
The AAA-1B manages a wait-list for seniors who wish to receive in-home care, which is typically less expensive than care in nursing homes. D3 is performing analysis on the AAA-1B wait-list to help them effectively target resources to assist those seniors most in need, and to measure the cost-effectiveness of in-home care in order to estimate savings for both seniors and for care providers.

New Macomb
D3, through a grant from The Kresge Foundation, is providing data to the Macomb County Executive Office and Macomb County Community College to assist their plan for the "New Macomb." Since 2000, Macomb County has experienced changes, such as increasing racial diversity, and challenges, such as a protracted economic recession. D3's role is to gather data about change in the county to inform Macomb executives so that they may more effectively address the county's needs.

Harriet Tubman Center
The Harriet Tubman Center is an organization for the recruitment and development of community organizers. D3 is working with the Tubman Center to assist tenants of subsidized housing by giving them an organized voice in the changing housing market. D3 provided Tubman with federal data on the state of subsidized housing, and created maps of Wayne County showing residents who qualified for subsidized housing, actual residents of subsidized housing, and the location and age of subsidized housing stock.

One D Scorecard
In 2011, D3 completed the annual update of the One D Scorecard. The Scorecard now includes trending information, with at least three years of data for most indicators. Over the coming year, D3 will be updating the Scorecard's visuals and improving the interactivity of its website.

One D was founded by Edsel B. Ford II and the Chief Executive Officers of eight regional civic organizations to promote positive change in Southeast Michigan. With the dissolution of One D, the One D Scorecard transitioned to D3. The Scorecard includes over 100 indicators across five key priority areas that will help metro Detroiters measure their own progress and how the region stacks up against the nation's other 53 largest metropolitan areas.

Southeast Michigan Synod Acts of Common Analysis
The Southeast Michigan Synod Acts of Common Analysis embarked upon a strategic planning process to sustain its congregations and services. In our first phase of technical assistance, D3 provided a snapshot of demographic, socio-economic, and housing characteristics to the Synod to support this decision-making process. D3 also provided assistance to develop and analyze a survey of each congregation's membership, assets, programs, and challenges.

Detroit occupies a unique position in the spectrum of urban places, both historically and presently. For Detroit to find its way forward from its unprecedented position, we must understand it analytically. This year, Data Driven Detroit (D3) completed several projects contributing to this effort.

Detroit Indicators

Detroit City Council Districts
Until recently, Detroit City Council members have been elected at-large. As part of the plan to transition to a by-district election system, the Detroit Elections Commission created potential districts. D3 assisted with demographic analysis of potential districts.

Right Start Detroit Update
In October 2009, D3 collaborated with the Detroit Department of Health and Wellness Promotion. With access to the health department's sub-community birth data, D3 compiled "Right Start in Detroit 2009: Maternal and Infant Well-Being in the City of Detroit, 2000-2007." The report is a concrete example of how data can be used by the community and policymakers to drive effective decision-making. The report revealed, for example, that both the percentage of babies born with low weight and the percentage of mothers who smoked during pregnancy were significantly high in the Brightmoor, St. Jean, and Mack subcommunities. This insight allows stakeholders to target their resources to the areas of greatest need.

This year, D3 updated its 2009 report on maternal and infant wellbeing with new data and additional maps and statistical profiles of sub-communities.

State of the Child
The Skillman Foundation requested that D3 prepare a white paper on the overall well-being of Detroit's children, with a sub-analysis specific to boys of color. This report presents a broad set of indicators on the population aged 0 to 18 years in the City of Detroit. Indicators fall into the following categories: demographic overview, early childhood well-being, child health and access to health care, education, and safety and community. The research provides a basis for a deeper understanding of how best to support Detroit's children, and a benchmark to measure gains in the future.

Graham Environmental Sustainability Index
D3 is partnered with the Graham Environmental Sustainability Institute at the University of Michigan to establish the Detroit Sustainability Indicators Project, an initiative to measure the city's sustainability based on environmental, economic and social factors.

The two main goals of this project are: 1) gather and analyze data on sustainability issues and make this information available for public use and 2) create a sustainability index for Detroit that will drive informed decision-making and serve as a model for other urban areas pursuing sustainable redevelopment.

Environmental Infrastructure Building
D3, with funding from the Erb Family Foundation, undertook to collect, map, and improve community access to, and understanding of, environmental data. D3 is collaborating with several local environmental community organization to collect and manage data.

D3 is collaborating with the Sierra Club's Great Lakes Chapter to gather green water infrastructure data, with the goal of showing the effects of rain barrels, rain cisterns, and bio swales to reduce outflow pollution into Michigan's lakes and rivers. D3 collaborated with Recycle Here! to collect data on recycling drop-off locations within the city. D3 created maps showing brownfields and leaking underground storage tanks for The Kellogg Foundation. D3 worked with Detroiters Working for Environmental Justice to focus data collections where it would most benefit the city.

M1 Corridor 2010 Data Profile
D3 prepared a profile of the M1 Corridor along Woodward for the Downtown Detroit Partnership. The profile is a collection of baseline indicators intended to inform current planning efforts and support local capacity to measure future change. The profile outlines resident, workforce, business, retail, and limited housing market characteristics for the three M1 Woodward Corridor areas: the Central Business District Midtown, and the North End/New Center area.

Detroit DrillDown Report
In early 2011, Social Compact published the Detroit DrillDown Report, a result of collaboration between D3, the Detroit Economic Growth Corporation, and Social Compact. The DrillDown profiles combined Social Compact's economic and demographic methodologies into a powerful information package unique in scope, breadth and accuracy compared with conventional inner-city economic analyses. These profiles unearthed new and previously overlooked investment and development opportunities in underserved urban areas.

Tracking neighborhood data at a small scale fosters understanding of variation within communities. This information can then be used to ameliorate needs and bolster assets. In 2011, Data Driven Detroit has continued to work on gathering, analyzing, and applying neighborhood and community level data to a variety of projects, including a youth-driven community mapping project for Southwest Solutions and a profile of childhood education in Brightmoor.

Woodward Corridor Initiative
D3 is the data systems change partner to the Initiative, helping to improve data quality, access, and transparency.

The Woodward Corridor Initiative, funded by Living Cities, builds on the progress that has been made by stakeholders in the Midtown, New Center, and North End neighborhoods. Leveraging additional resources, the Initiative catalyzes already-successful projects by convening residents, community groups, and programs that are mobilizing change. The Initiative's vision is to use public and private partnerships to create a vibrant and engaged community that is connected to quality employment, housing, education and business development opportunities for the Woodward Corridor community.

Detroit Neighborhood Child Development Indicators
With a commission from The Skillman Foundation, D3 collaborated with George Galster of Wayne State University to create a report that developed and analyzed a set of quantitative indicators for Skillman's Good Neighborhoods, to create a comparative, multi-dimensional portrait of the current and evolving neighborhood context in which Detroit's children develop.

Skillman Good Neighborhoods
D3 is working with youth services providers in The Skillman Foundation's Good Neighborhoods program to determine what outside-of-school youth programs are available to young people in the six designated "Good Neighborhoods" areas, document the types of services offered, and whether there are any gaps in service.

Launched in 2006, The Skillman Foundation's Good Neighborhoods is a 10-year, $100-million program that focuses on six Detroit neighborhoods where today nearly 60,000 children live, roughly 30% of the city's child population. The program also involves a range of neighborhood development and system change strategies in concert with various public and private partners, as well as with residents and other stakeholders.

Promise Neighborhoods
D3 assisted Black Family Development, Inc. with its 2011 Promise Neighborhoods planning grant application to the Federal Department of Education. D3 will provide technical assistance to the BFDI Promise Neighborhood in Osborn and Clark Park, and the neighborhood surrounding the Focus:HOPE campus in Detroit and Highland Park.

Brightmoor Community Needs Assessment
D3 is providing a baseline profile of the Brightmoor community's needs and assets. It includes an account of current conditions in Brightmoor covering multiple dimensions; an inventory and mapping of existing assets in the Brightmoor and Cody-Rouge communities; a comprehensive review of existing programs for children ages 0 to 5 in Brightmoor; and a discussion of the gaps revealed by this study

between the needs of 0 to 5 year olds in Brightmoor and the resources available to meet the needs.

Over the past four years, the Max M. and Marjorie S. Fisher Foundation has invested heavily in a range of programs in the Brightmoor community of Detroit. The principal focus of the Foundation's work in Brightmoor has been the education of children ages 0 – 5. Looking ahead to its future work in Brightmoor, the Foundation asked D3 to provide a baseline profile of the community.

Inkster Partnership for a Healthier Community
D3 is doing program evaluation for a project through a grant from the Michigan Department of Community Health's Office of Minority Health, the National Kidney Foundation of Michigan formed the Inkster Partnership for a Healthier Community, The IPHC focuses on increasing food security in Inkster through a variety of programs ranging from community gardens, cooking classes and collaborating with other organizations in Inkster to produce a resource guide available to all residents of Inkster.

Southwest Counseling Solutions & Community Youth Mapping Program
D3 partnered with Southwest Counseling Solutions to educate youth in Southwest Detroit about the geography of their neighborhood as part of the Community Youth Mapping Program. Funded in Detroit by The Skillman Foundation, it is designed to give local youths the ability to create change within their neighborhoods while building job skills through interaction with local professionals.

D3 supplied the parcel survey methodology and survey training for the project's youths, and tutored them in GIS and Google Earth to visualize their research. This project allowed Southwest Counseling Solutions to identify resources and opportunities for youth and their families in their community, and allowed D3 to engage the community directly. It also supplied Detroit teenagers with exposure to new technology and taught them how to meet expectations in a work environment.

Southwest Detroit Community Court
D3 completed a needs assessment of the Southwest Detroit Community Justice Center for the Southwest Detroit Development Collaborative. The assessment consisted of a demographic analysis of Southwest Detroit and its police sectors, as well as a survey of perceptions of public safety, analyzed qualitatively and quantitatively.

The mission of the Southwest Detroit Development Collaborative (SDDC) is to enhance the growth of Southwest Detroit as an ethnically and economically diverse community and promote it as an exciting place to live, work, shop and play. SDDC seeks to strengthen neighborhoods by supporting safe and healthy environments, expanding investment in housing, increasing family income, stimulating economic development, and improving access to quality education.

North End Neighborhood Strategic Investment Plan
D3 has summarized key neighborhood indicators for Detroit's North End Neighborhood and adjacent areas as part of the Woodward Corridor Initiative. This neighborhood snapshot includes three general sections: 1) demographic and socio-economic characteristics; 2) housing characteristics and market overview; and 3) an inventory of schools in and around the North End Neighborhood.

The Woodward Corridor Initiative has begun its work to develop a comprehensive, collaborative, and innovative approach to develop and revitalize neighborhoods along the corridor from the North End to the Detroit River. One important component of this work is the North End Neighborhood Strategic Investment Plan. This plan will provide a framework for revitalization and future planning.

Creekside Short-Term Revitalization Planning
D3 assisted Creekside residents with a short-term neighborhood revitalization proposal. We provided technical assistance and facilitation support as residents made decisions and prioritized multiple needs. The resulting proposal strategically targets intervention in two neighborhood areas.

Community Development Advocates of Detroit (CDAD) Neighborhood Revitalization Strategic Framework
In 2010, D3 developed a composite analysis of indicators to illustrate the land use category of each Census Block in the city. This typology analysis is based upon current conditions, not solely zoning or land use, and also illustrates the relative strengths and challenges between different blocks. In 2011, D3 served as a technical partner as CDAD and community groups piloted the framework process in Southwest Detroit with Urban Neighborhood Initiatives and on the Eastside with the Lower Eastside Action Plan. Residents in both pilots used the framework to develop plans that are both realistic and visionary.

The Community Development Advocates of Detroit (CDAD) Neighborhood Revitalization Strategic Framework is a community-based process that empowers residents to develop a future vision for their neighborhoods. The process emphasizes resident empowerment by using accurate, relevant, and accessible information.

2011 has seen a significant expansion in Data Driven Detroit's (D3) effort to enhance our public outreach and profile. This ongoing effort generates several benefits: it furthers our mission of democratizing data by making it available and useful to all audiences; it enhances the national and local dialogue about Detroit by engaging in fact-checking; and it strengthens our organization by increasing our visibility with potential partners and clients.

The Common Denominator – The D3 Newsletter
D3 has published three editions of its quarterly online newsletter. Every newsletter issue features four articles summarizing D3's projects or describing original research that D3 analysts have performed. In particular, our newsletter article "Food for Thought: Addressing Detroit's Food Desert Myth," challenged the popular perception of Detroit as a region without access to food, prompting an ongoing conversation (on the newsletter webpage and elsewhere) about the quantity and quality of fresh food in the city of Detroit.

Block by Block – The D3 Staff Blog
In the fall, D3 launched its web log, Block by Block. Multiple times per week, staff members contribute short articles commenting on data-related news in Detroit, existing research, or new analysis of regional data. Notable posts include a reflection on research describing the loss of block frontage in downtown Detroit, and a debunking of a commonly quoted statistic on literacy rates in Detroit.

D3 Toolbox – Interactive Web Tools
This year, D3 has assembled a "toolbox" of the online interactive tools that have resulted from different projects. The compilation of these tools reflects D3's commitment to the democratization and accessibility of data.

The toolbox is available on the D3 website, under the Data & Mapping Tab.

2000-2010 Census Compare Tool
The 2000-2010 Census Compare tool allows users to zoom in on an area of Michigan, then click to retrieve a PDF report that compares 2000 and 2010 Census data for their geography of interest. Files include information on total population, gender and age distribution, race and ethnicity, family and non-family households, children, owner and rental occupancy, vacancy rates, and much more.

Tax Foreclosure Tool
To encourage residents to participate in the countytax foreclosure auction and to make neighborhood-specific plans, D3 launched a free online tool. It is designed to provide an easier way to preview Detroit properties listed by combining maps and street-level images with local data from various sources including distance to nearest park, grocery store, and bus stop.

Communications

One Michigan - Statewide Community Mapping & Profiling Tool
D3, in partnership with the Community Research Institute at Grand Valley State University (CRI), is pleased to announce an interactive community profile and interactive mapping tool for Southeast Michigan. This mapping and neighborhood profile tool allows a user to access and compare multiple data sets, including the Census, as well as download reports and profiles.

As members of the National Neighborhood Indicators Partnership (NNIP), D3 and CRI share a commitment to empowering communities by making data accessible to residents and community groups. We believe the community profile and mapping tool represents a major step towards fulfilling that commitment.

Wayne County Votes Tool
In anticipation of the 2012 presidential elections, and the vote on Detroit's new proposed charter and city council districts, D3 created an online voter engagement visualization tool to promote and facilitate the discussion of citizen engagement in local politics. By searching for particular locations or selecting census tracts from an interactive map, users may compare voter and general-population demographics for any tract as well as Detroit and Wayne County. The tool also provides visualizations of voter turnout levels for elections from 2004-2010.

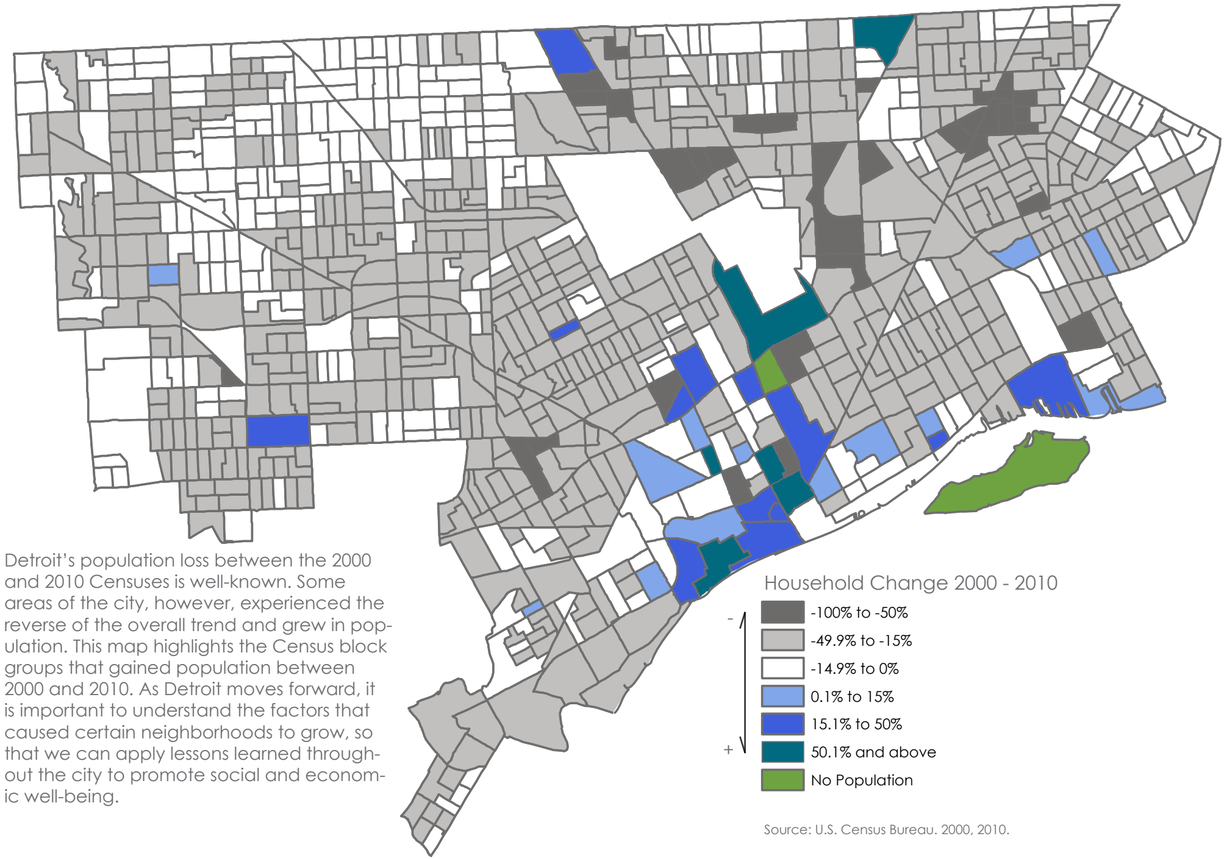
Media Coverage – Highlights
In 2011, Data Driven Detroit staff were quoted or cited in a number of features by several news media. Here are a few highlights:

Model D Highlight
Model D profiled D3 highlighting the features and staff that sets it apart and makes it a valuable resource in the evolving landscape of Detroit. Among them: D3's independence from universities or other large organizations allows it to operate outside the constraints of pre-existing rivalries between organizations; D3's community development staff allows it to interact effectively with neighborhood-oriented groups like the Community Development Advocates of Detroit; D3's extensive research analysis expertise makes it possible to integrate disparate data and data sources into a meaningful and actionable urban planning and development framework; and D3's size and technical savvy allows for the democratization of data through interactive tools and visualizations available online, giving individuals and nonprofits the information that they need to take action more nimbly than is possible within a governmental framework.

Crain's Detroit Business Highlight
Crain's Detroit Business featured D3 in its coverage of the dissolution of One D, and the dispersion of the collaboration's projects. D3 inherited the One D Scorecard from the now-defunct One D collaboration, taking over the management and updating of The Scorecard, which tracks economic, educational, and quality-of-life indicators in Detroit. The One D project was created in the spirit of regional collaboration, and made it possible to merge several redundant projects, such as Detroit Renaissance's "Road to Renaissance" and the Detroit Regional Chamber's "Design Regional Detroit."

Detroit Regional News Hub Highlight
In October, Forbes published a ranking of America's Top 10 Most Dangerous Cities, claiming that Detroit was the most dangerous city in the country. Within seventy-two hours, D3 staff drafted and published a response to Forbes' piece, critiquing its methodology and reporting. The coordination of a rapid response was an important accomplishment for D3 and the Detroit community at large, demonstrating the ability to address, in a timely fashion, news pieces that unfairly play into negative stereotypes of Detroit. The D3 response was the inaugural post that kicked off Block by Block, the D3 staff blog; it was also picked up and published by the Detroit Regional News Hub.

Change in Households



Detroit's population loss between the 2000 and 2010 Censuses is well-known. Some areas of the city, however, experienced the reverse of the overall trend and grew in population. This map highlights the Census block groups that gained population between 2000 and 2010. As Detroit moves forward, it is important to understand the factors that caused certain neighborhoods to grow, so that we can apply lessons learned throughout the city to promote social and economic well-being.

Source: U.S. Census Bureau. 2000, 2010.

January

DATA DRIVEN DETROIT

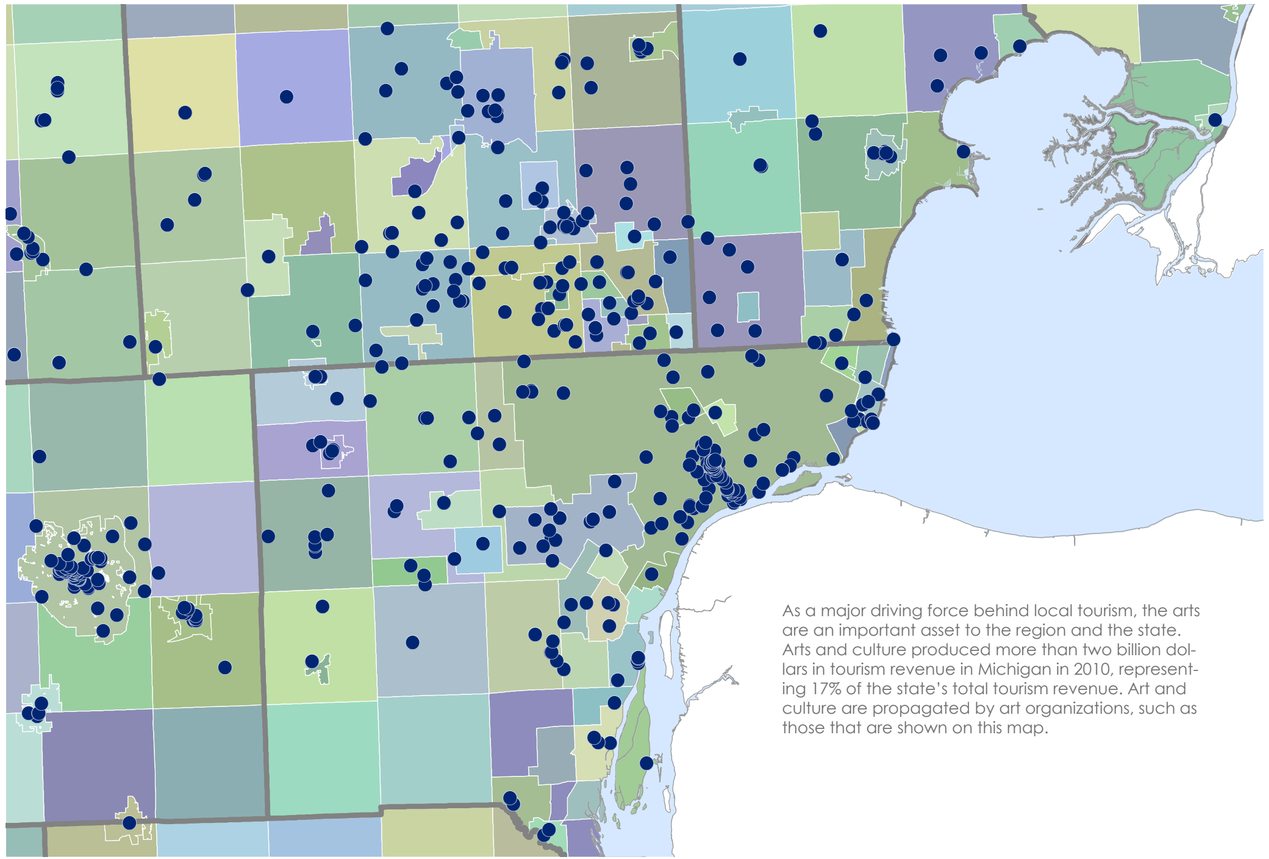
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
FIRST 1 New Year's Day	2	3	4	5	6	7
8	FULL 9	10	11	12	13	14
15	LAST 16 Martin Luther King, Jr. Day	17	18	19	20	21
22	NEW 23	24	25	26	27	28
29	30	FIRST 31				

December 2011

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

February 2012

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			



Arts Organizations

As a major driving force behind local tourism, the arts are an important asset to the region and the state. Arts and culture produced more than two billion dollars in tourism revenue in Michigan in 2010, representing 17% of the state's total tourism revenue. Art and culture are propagated by art organizations, such as those that are shown on this map.

Source: Cultural Alliance of Southeastern Michigan, Data Driven Detroit. 2011.

February

DATA DRIVEN DETROIT

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2 Groundhog Day	3	4
5	6	NEW 7	8	9	10	11
12	13	LAST 14 Valentine's Day	15 Mardi Gras	16	17	18
19	20 Presidents Day	FULL 21	22	23	24	25
26	27	28	29 Leap Day			

January 2012

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

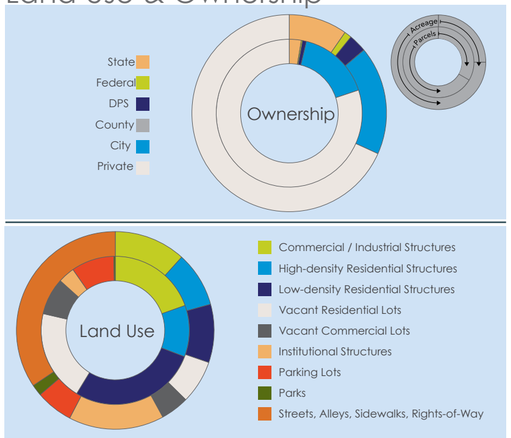
March 2012

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

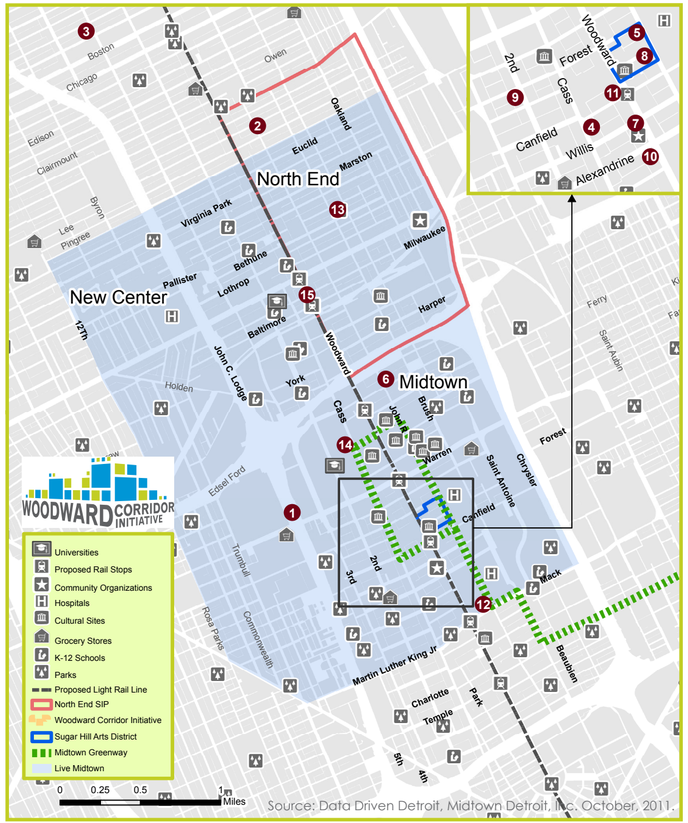
Woodward Corridor

Data Driven Detroit works with the Woodward Corridor Initiative in its mission to empower and improve the quality of life for Woodward Corridor residents. Through the Living Cities Integration Initiative, Detroit received $22 million in grants, commercial loans and program-related investments to support its efforts around eight key strategy areas. Funding supports the Initiative's work to stabilize Midtown, North End, and New Center neighborhoods adjacent to the Corridor through blight reduction and productive re-use of land and buildings.

Land Use & Ownership



Source: Detroit Residential Parcel Survey, Data Driven Detroit, 2009.

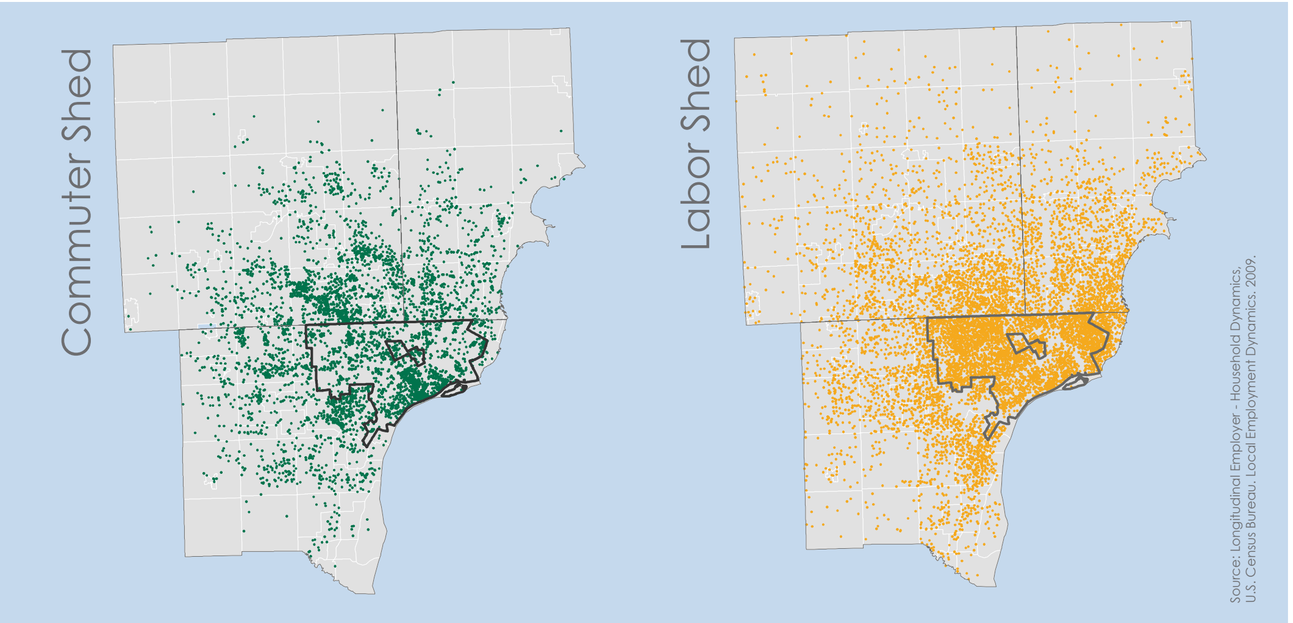


March

DATA DRIVEN DETROIT

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
February 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	April 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			FIRST 1	2	3
4	5	6	7	FULL 8	9	10
11 Daylight Saving Time begins	12	13	14	LAST 15 St. Patrick's Day	16	17
18 First Day of Spring	19	20	21	NEW 22	23	24
25	26	27	28	29	FIRST 30	31

Regional Economy



The economies of Southeast Michigan communities are highly integrated. Many of Metro Detroit's workers cross municipal boundaries on their daily commute. These maps show that many suburbanites work in the city of Detroit, and many city residents work in the suburbs. As a metropolitan area with limited regional transit options, Metro Detroit's commuters do not often have the choice between mass transit and private automobiles. The impact of this is felt most acutely among low-income households for whom private transportation may be prohibitively expensive; 9.6% of Detroit households do not have access to a car. All residents, however, face the congested roads and long commutes that result from inadequate regional transit.

Where Detroit Residents Work

Where Detroit Workers Live

1 Dot = 25 People

April

DATA DRIVEN DETROIT

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 April Fool's Day	2	3	4	5	FULL 6 Good Friday	7 Passover Begins
8 Easter Sunday	9	10	11	12	LAST 13	14
15	16	17	18	19	20	NEW 21
22 Earth Day	23	24	25	26	27	28
FIRST 29 Arbor Day	30					

March 2012

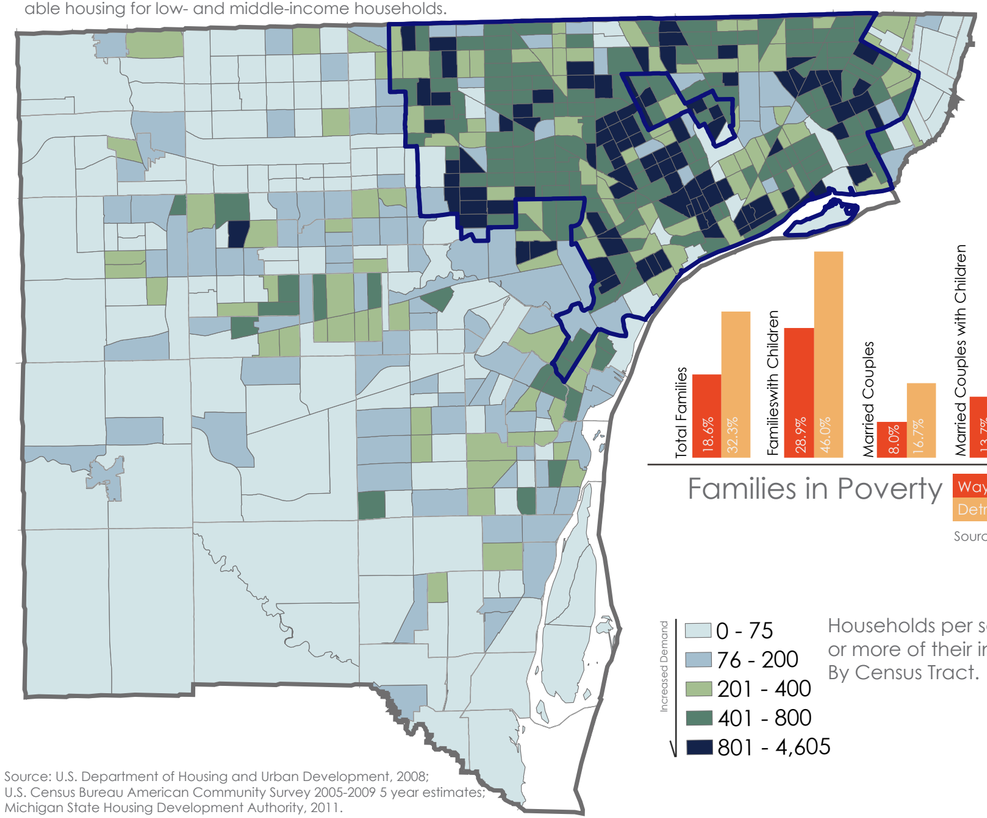
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

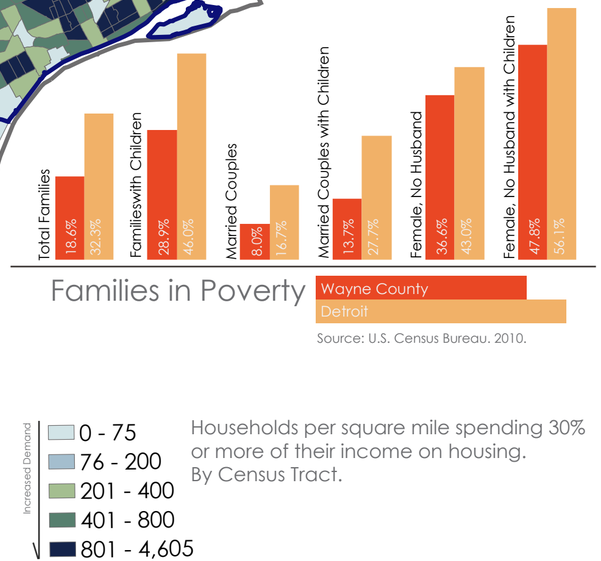
May 2012

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Affordable Housing

In much of Wayne County, there is a need for affordable housing that goes unmet by the market alone. As a result, many households may either spend more than 30% of their income on housing or make use of subsidized housing. As Detroit's demographics continue to change, the Detroit community must seek to create equitable development that provides mixed-income neghborhoods by creating affordable housing for low- and middle-income households.





Source: U.S. Census Bureau. 2010.

Households per square mile spending 30% or more of their income on housing. By Census Tract.

Source: U.S. Department of Housing and Urban Development, 2008; U.S. Census Bureau American Community Survey 2005-2009 5 year estimates; Michigan State Housing Development Authority, 2011.

May

DATA DRIVEN DETROIT

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 May Day	2	3	4	5 Cinco de Mayo
FULL 6	7	8	9	10	11	LAST 12
13 Mother's Day	14	15	16	17	18	19 Armed Forces Day
NEW 20	21	22	23	24	25	26
27	FIRST 28 Memorial Day	29	30	31		

April 2012

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

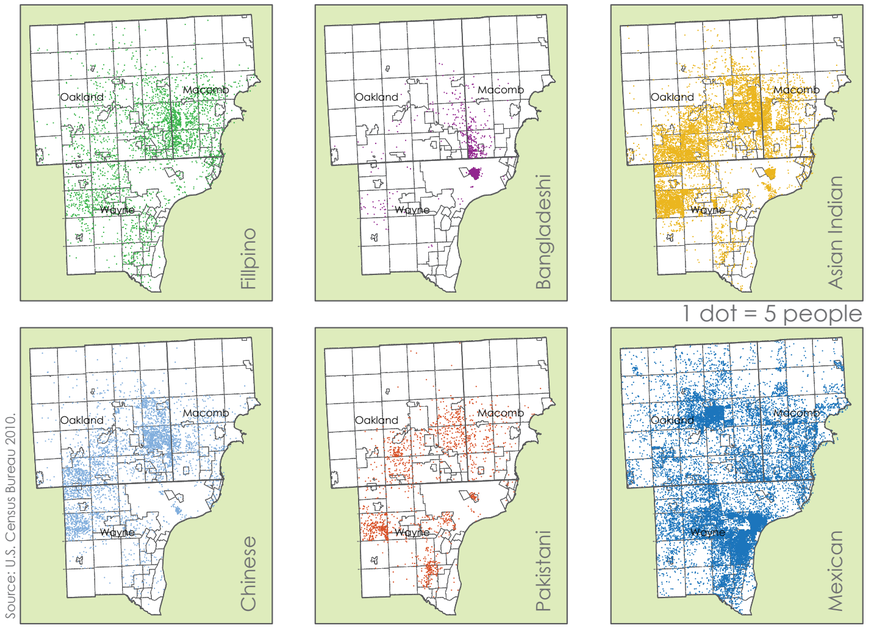
June 2012

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Immigration

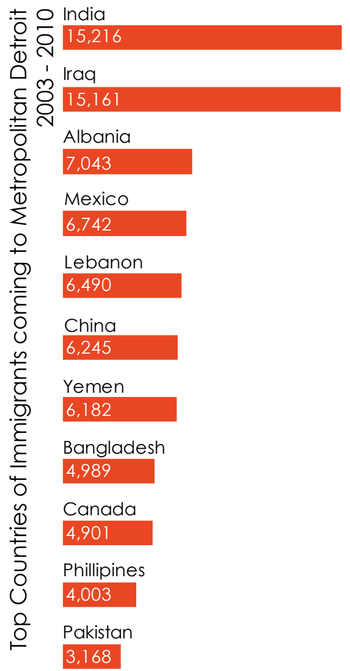
These maps show the distribution of residents of a particular ancestry, highlighting examples of diversity within Southeast Michigan. The graph shows the countries-of-origin from which the greatest number of immigrants have come to Metro Detroit, contributing the region's ongoing cultural evolution.

Distribution of Communities of Interest in 2010*



Source: U.S. Census Bureau 2010.

*The Census does not count recent immigrants, it only counts current residents. Communities of Interest, a term taken from the Voting Rights Act, may include people of a common foreign-born ancestry, but many will likely be U.S. citizens as 2nd or 3rd generation immigrants. The Census also does not have a relevant race or origin category for most Arab Americans, who are usually counted by the Census as white. As a result we were not able to include them in the maps.



Source: US Department of Homeland Security. 2003-2010

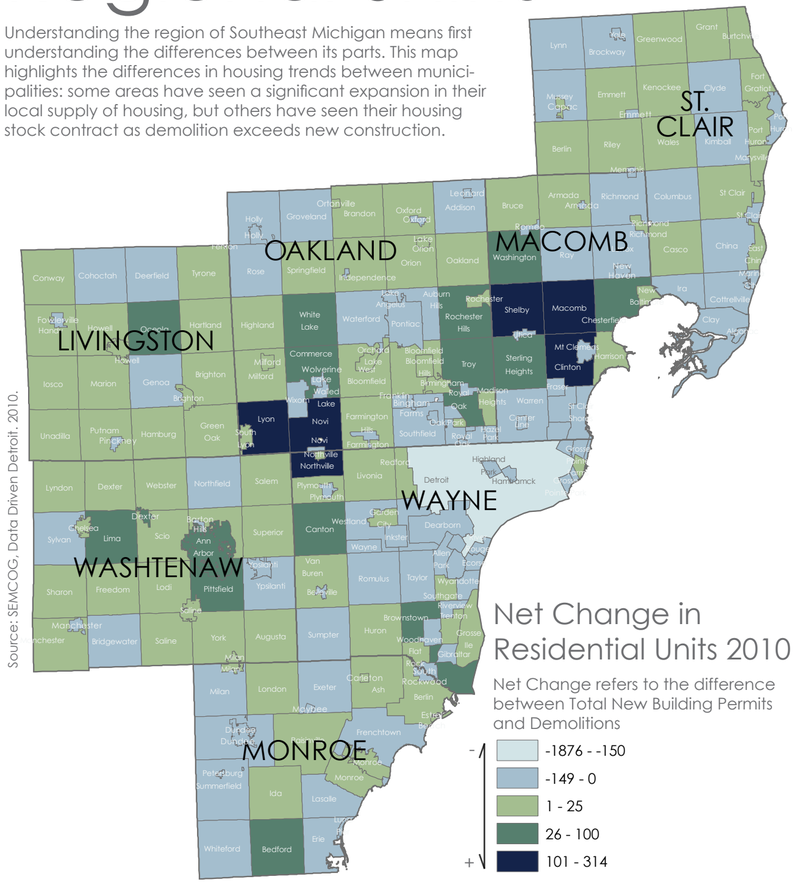
June

DATA DRIVEN DETROIT

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
May 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	July 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31				1	2
3	4 FULL	5	6	7	8	9
10	11 LAST	12	13	14 Flag Day	15	16
17 Father's Day	18	19 NEW	20 Summer Solstice	21	22	23
24	25	26	27 FIRST	28	29	30

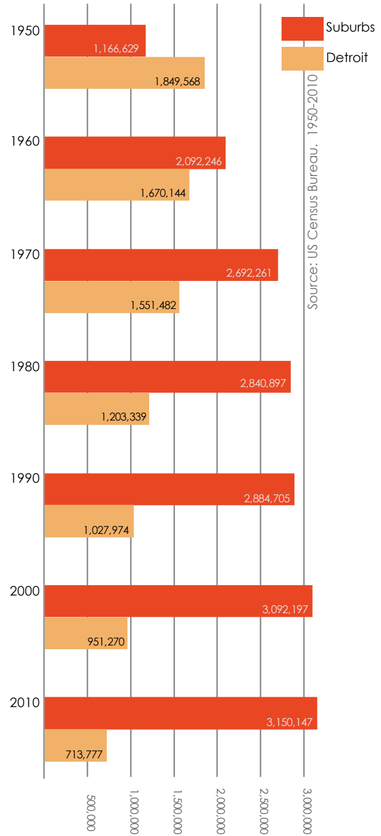
Regional Shifts

Understanding the region of Southeast Michigan means first understanding the differences between its parts. This map highlights the differences in housing trends between municipalities: some areas have seen a significant expansion in their local supply of housing, but others have seen their housing stock contract as demolition exceeds new construction.



Source: SEMCOG, Data Driven Detroit, 2010.

Growth of Detroit Suburbs Post-World War II



Source: US Census Bureau, 1950-2010

Suburbs here are defined as the remainder of the tri-county area: Oakland, Macomb & Wayne. Includes both Hamtramck & Highland Park, but not Detroit.

July

DATA DRIVEN DETROIT

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	FULL 3	4 Independence Day	5	6	7
8	9	10	LAST 11	12	13	14
15	16	17	18	NEW 19	20 Ramadan begins	21
22	23	24 Detroit's 311th Anniversary	25	FIRST 26	27	28
29	30	31				

June 2012

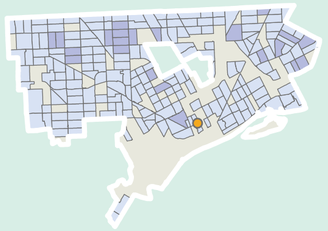
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

August 2012

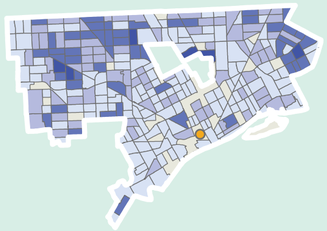
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Student Dispersion

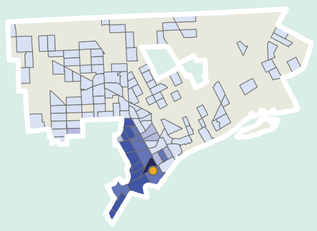
Where Detroit students live and where they go to school.



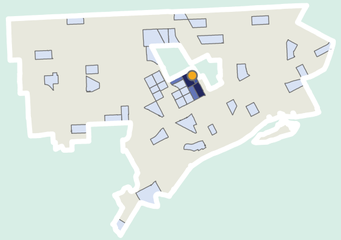
Detroit School for the Arts High School



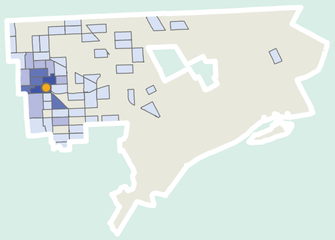
Cass Tech High School



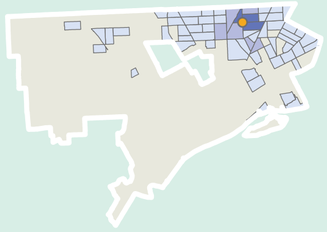
Southwestern High School



Loving Elementary School



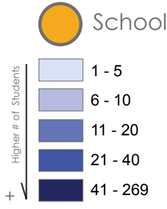
Gompers Elementary School



Osborn Academy of Mathematics High School

With numerous yearly school closings, widespread household financial difficulties, ever-changing school policy initiatives, and inconsistent transportation options, students in Detroit Public Schools can often find themselves attending schools that are far from where they live. This hardship has been cited as a major problem for students in the DPS System. Data Driven Detroit obtained student location information from the Detroit Public School System through the Black Family Development Corporation and The Skillman Foundation with an aim of examining the extent of the dispersion.

Source: Skillman Foundation and Detroit Public Schools. 2010



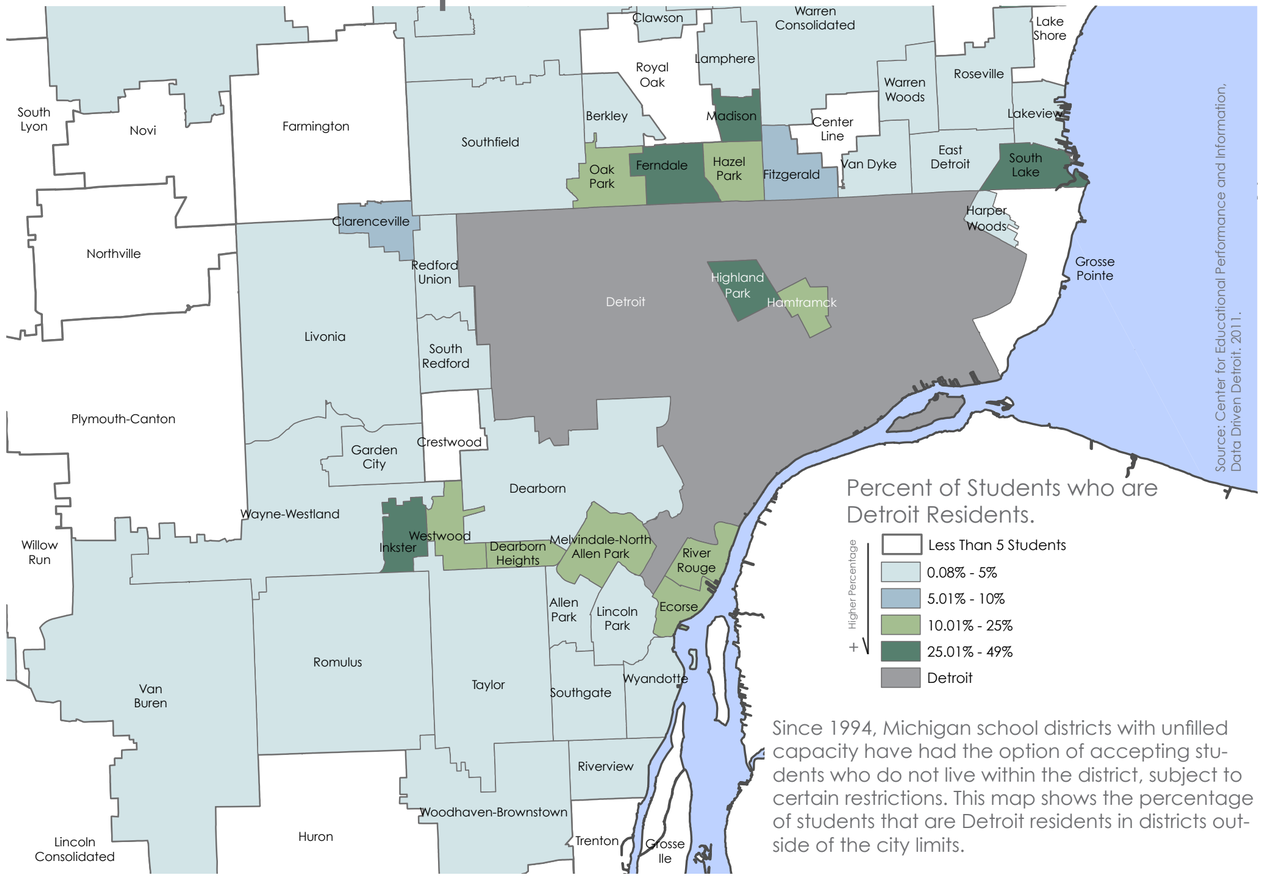
August

DATA DRIVEN DETROIT

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
July 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	September 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		1	FULL 2	3	4
5	6	7	8	LAST 9	10	11
12	13	14	15	16	NEW 17	18
19	20	21	22	23	FIRST 24	25
26	27	28	29	30	FULL 31	

Student Dispersion

Where Detroit students go to school.



Since 1994, Michigan school districts with unfilled capacity have had the option of accepting students who do not live within the district, subject to certain restrictions. This map shows the percentage of students that are Detroit residents in districts outside of the city limits.

September

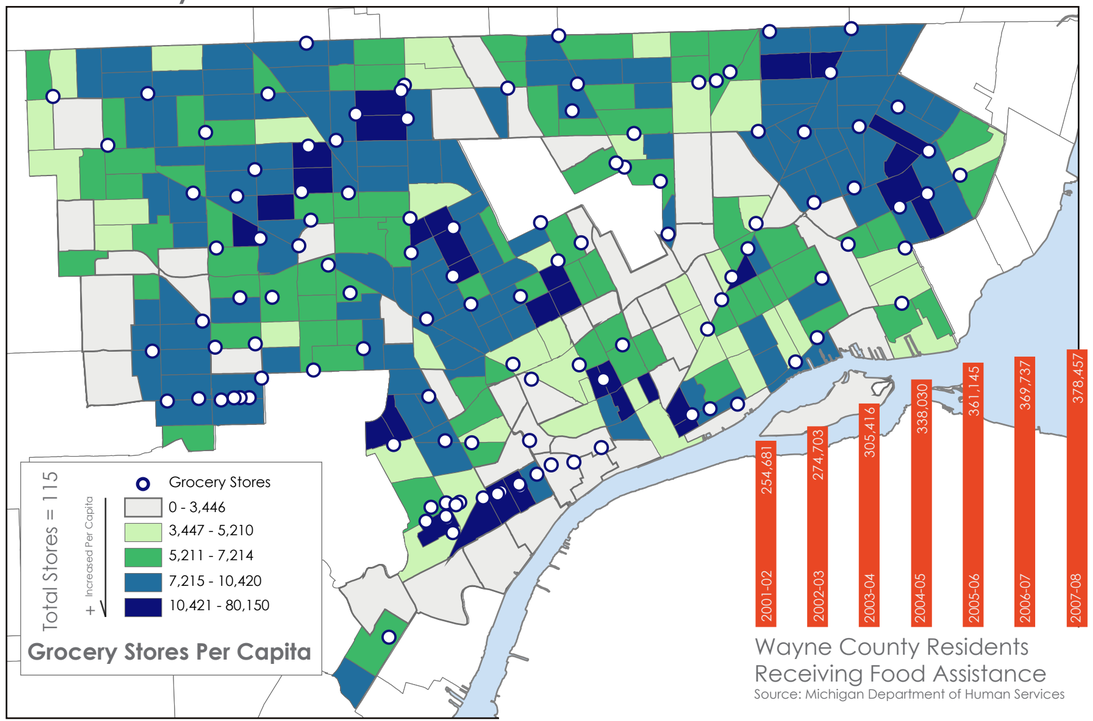
DATA DRIVEN DETROIT

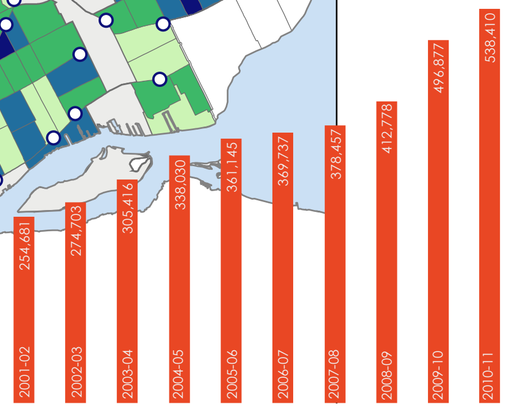
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
August 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	October 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31					1
2	3 Labor Day	4	5	6	7	LAST 8
9 Grandparents Day	10	11 Patriot Day	12	13	14	15
NEW 16 Rosh Hashanah Begins	17	18	19	20	21	FIRST 22 First Day of Autumn
23	24	25 Yom Kippur	26	27	28	29
FULL 30						

Food Access

Over the last several years, Detroit has acquired a reputation as a "food desert," an area where healthy food is unavailable or prohibitively expensive. D3's research reveals that, contrary to popular claims that no grocery stores remain in Detroit, there are 115 full-service grocery stores within the city limits. However, there is no formal research yet available describing the quality or price of meat and produce in these particular stores. D3's analysis has shown that Detroiters tend to spend a greater-than-average proportion of their EBT credit outside of their own city. That trend suggests that low-income Detroiters may face a shortage of locally available fresh meat and produce.

Grocery Stores in Detroit





Wayne County Residents Receiving Food Assistance

Source: Michigan Department of Human Services

October

DATA DRIVEN DETROIT

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	LAST 8 Columbus Day	9	10	11	12	13
14	NEW 15	16	17	18	19	20
21	FIRST 22	23	24	25	26 Eid-ul-Adha	27
28	FULL 29	30	31 Halloween			

September 2012

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

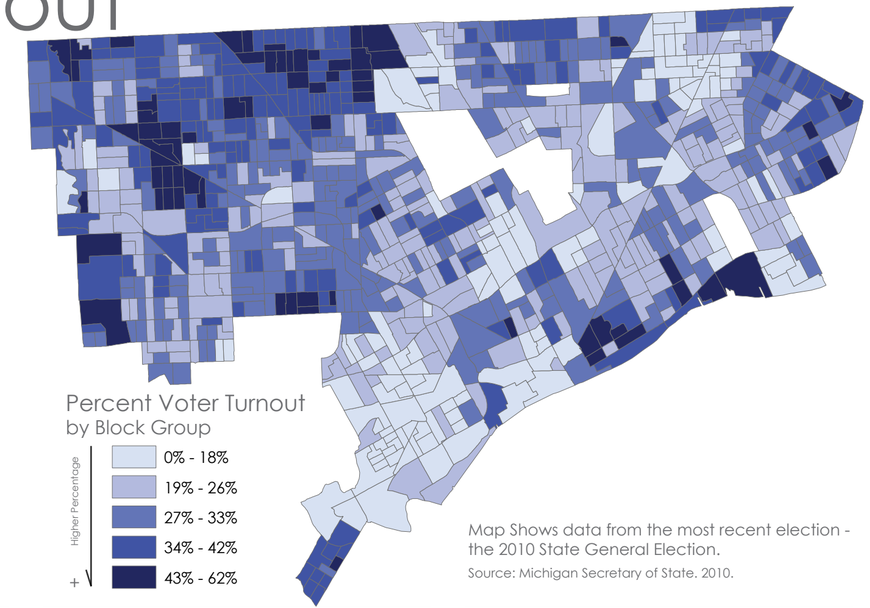
November 2012

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Voter Turnout

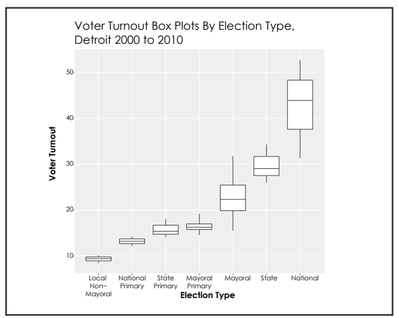
D3 analysis reveals that voter turnout in Detroit is influenced by a number of variables, including election type, gender, age, and neighborhood characteristics. National elections produce a higher voter turnout in Detroit than state or local; women turn out more than men; older voters turn out in greater numbers than younger voters. Neighborhood analysis reveals several more factors that correlate with voting: owner occupancy and education are positively associated with voter turnout, while migration and poverty are negatively associated with voter turnout.

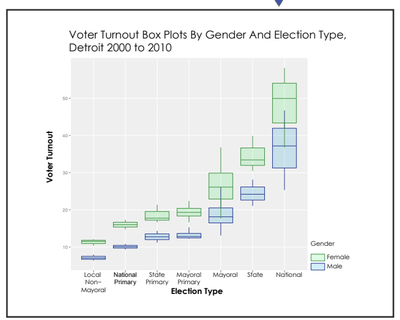
A quick explanation of the box plots: The horizontal line in each box tells you the average value for each group. The top and bottom of each box tell you the upper and lower quartiles for each group. Finally, the ends of the "whiskers" on each box-plot correspond to the highest and lowest values for each group. For example, that turnout in local, non-mayoral elections averages about 9%, with a high of just over 10%, a low of around 7%, and upper and lower quartiles at just under 10% and 8%, respectively.

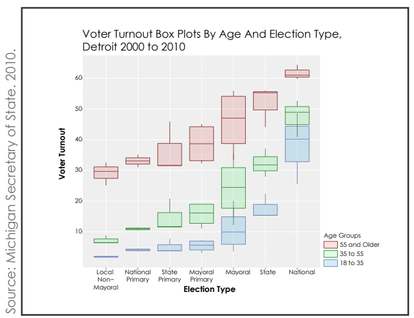


Map Shows data from the most recent election - the 2010 State General Election.

Source: Michigan Secretary of State. 2010.







Source: Michigan Secretary of State. 2010.

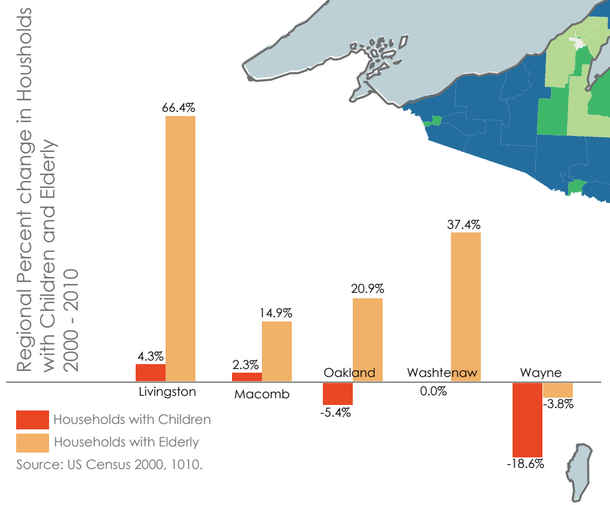
November

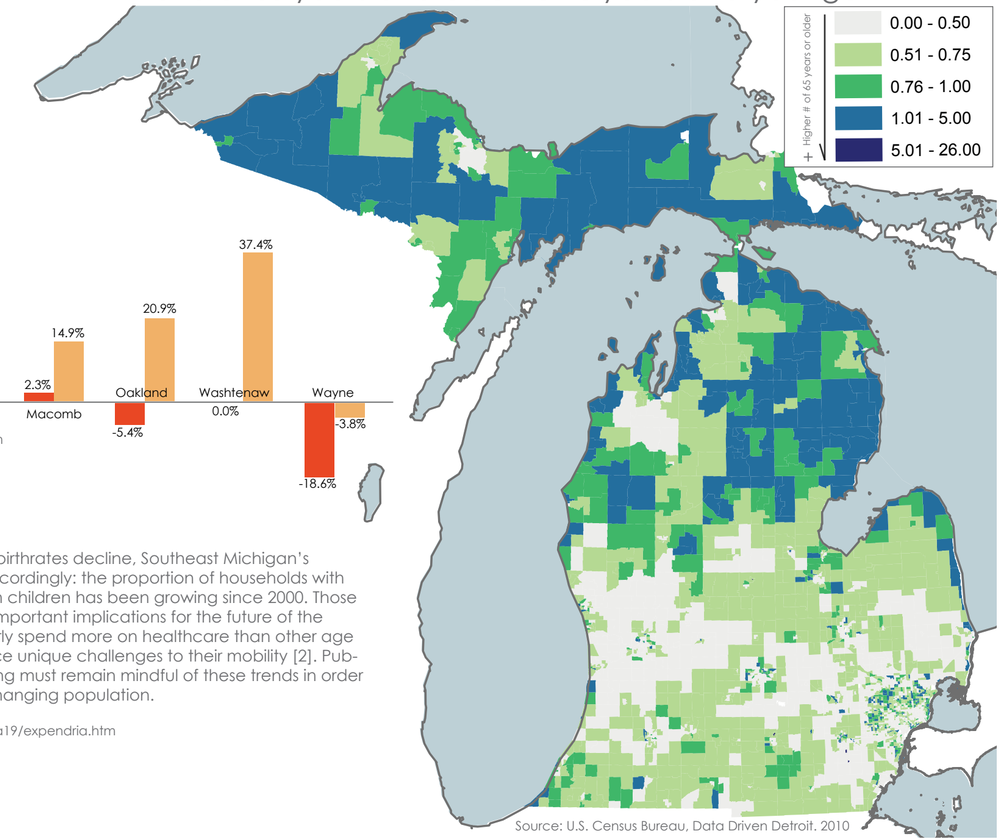
DATA DRIVEN DETROIT

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
October 2012 / December 2012				1	2	3
4 Daylight Saving Time ends	5	6 Election Day	7 LAST	8	9	10
11 Veterans Day	12	13 NEW	14	15 Islamic New Year	16	17
18	19	20 FIRST	21	22 Thanksgiving Day	23	24
25	26	27	28 FULL	29	30	

Aging Population

Ratio of 65 years and older to 18 years and younger





Source: U.S. Census Bureau, Data Driven Detroit. 2010

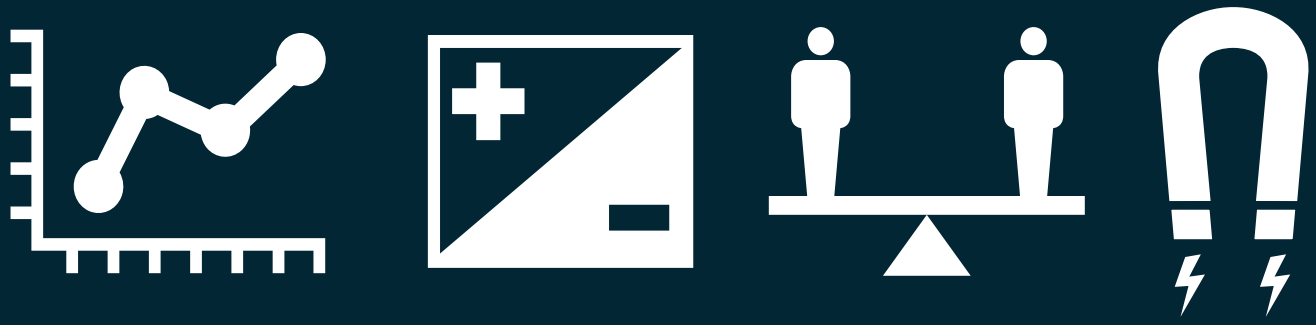
As life expectancies rise and birthrates decline, Southeast Michigan's demographics are shifting accordingly: the proportion of households with elderly members to those with children has been growing since 2000. Those shifting demographics have important implications for the future of the region: for example, the elderly spend more on healthcare than other age groups [1], and frequently face unique challenges to their mobility [2]. Public and private decision-making must remain mindful of these trends in order to serve the interests of the changing population.

[1] http://www.ahrq.gov/research/ria19/expendria.htm
[2] http://uanews.org/node/35286

December

DATA DRIVEN DETROIT

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
November 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	January 2013 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31					1
2	3	4	5	6 LAST	7 Pearl Harbor Remembrance Day	8 Hanukkah Begins
9	10	11	12	13 NEW	14	15
16	17	18	19	20 FIRST	21 Winter Solstice	22
23	24	25 Christmas Day	26	27	28 FULL	29
30	31 New Year's Eve					



Positives & Negatives:

Finding a balanced approach through data

DATA DRIVEN DETROIT

2011 Annual Report

www.datadrivendetroit .org / askkurt@datadrivendetroit.org / 163 Madison St. Detroit, MI 48226