

# Experiences with MAPAS and the Migration to Weave

Jeremy Pyne – Community Research Institute  
Grand Rapids, Mi  
[www.cridata.org](http://www.cridata.org)



Johnson Center

# How We Got Here

# MAPAS: How we Got Here | What is it?

MAPAS is an online mapping tool that allows individuals and organizations to:

- **Integrate** different data sets seamless:
- **Explore** and visualize information:
  - By address
  - By geography
  - By topic
- **Generate** dynamic reports
  - Pre-defined geographies/service areas
  - User-defined geographies/service areas
  - Radius around a point
- **Make** informed decisions:

# MAPAS: How We Got Here | Why develop it?

- Provides **frequent updates** of community – neighborhood level data
- Provides a **bridge for collaboration**
- **Increase capacity** of individuals and organizations to use information
- **Create efficiencies and transparencies** around data uses and processes
  - Data documentation
  - Maintenance
  - Dissemination
  - Reduces redundancy

# MAPAS: How We Got Here | Who designed it?

- Developed with the support of the Dyer-Ives Foundation and Grand Rapids Community Foundation
- Community Design Groups
  - Approx. 40 different individuals and organizations participated in design groups
  - Prioritized user-case scenarios (needs & development)
- Part of a National Initiative:
  - National Neighborhood Indicators Partners (NNIP) at the Urban Institute, Washington D.C.
    - 36 U.S. cities
    - Provides a point of reference for further development
- Technology Partner: Placebase
  - Co-development approach = technology and knowledge transfer

# MAPAS: How We Got Here | Community Design Groups

- Background
  - Teamed up with Placebase to collect community feedback for a Neighborhood Indicators System
  - 7 groups – 1 hour sessions
    - 40 individuals from different organizations
- Collected Feedback
  - Use Scenarios – How do users see themselves using the system
  - Feature Requests – What features would they need
  - Data Requests – What data are they looking for
  - Programmatic Questions/Comments – Funding, Maintenance, etc..
  - Session Notes by Group

# MAPAS: How We Got Here | Community Design Groups

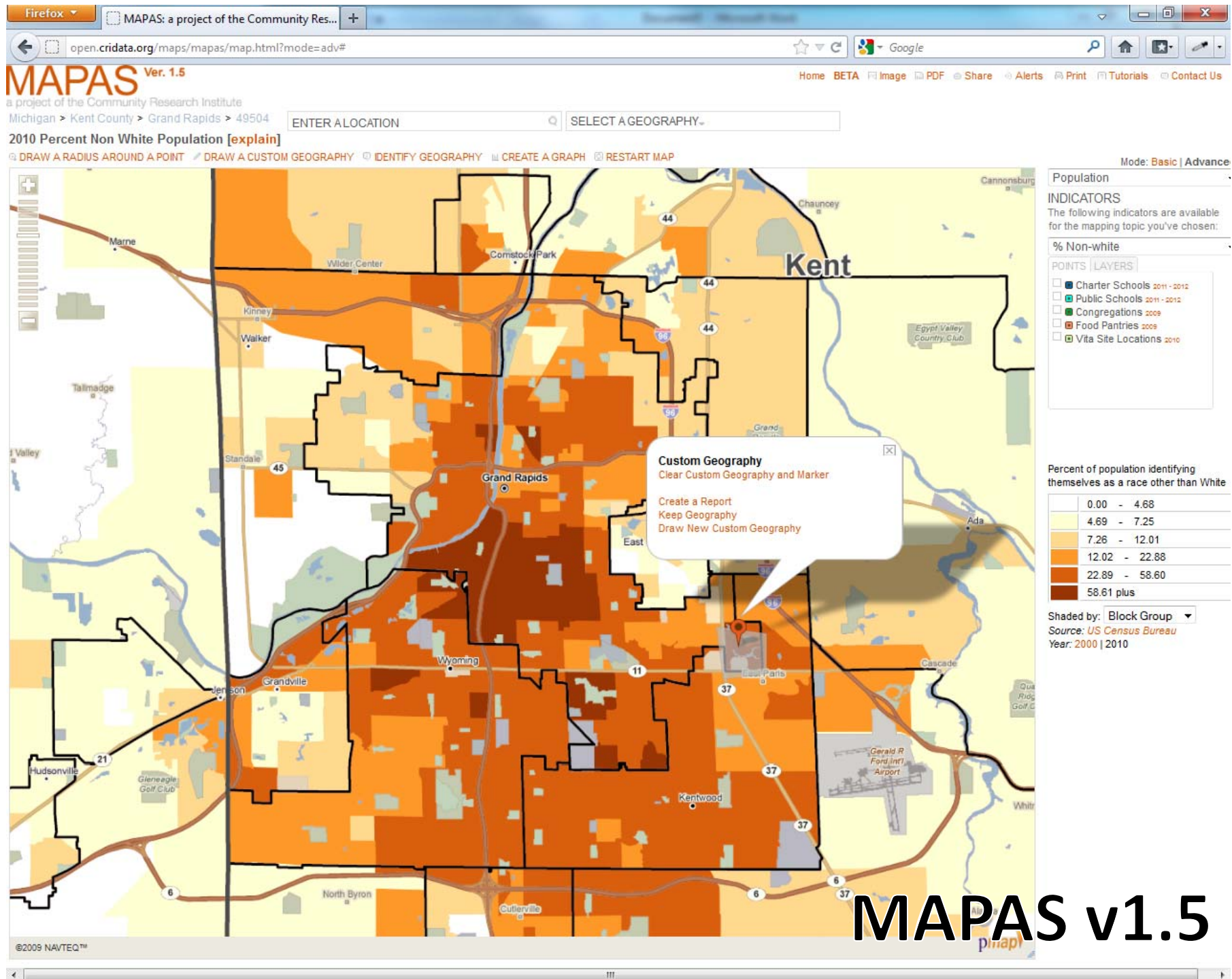
- 2 days/ 40 different individuals for Organizations across West Michigan
  - Foundations
  - Nonprofit Organizations
  - Department of Human Services
  - City Departments
  - Universities
  - Health Departments
  - ISD's
  - Public Schools
  - Hospitals
  - Neighborhood Associations
  - Citizens
  - West Michigan United Way
  - Private Businesses

# MAPAS: How We Got Here | Design Group Outcomes

- Prioritized List of Requested User Case Scenarios and Functionalities
  - Profile an area/Assess community needs
  - Compare one area to another
  - Locate services/resources in my area
- List of Community Data Needs
- Proposed Site Wireframe: Placebase
- Community Investment



# Where We Are Now



# MAPAS: Where We Are Now | How Are People Using MAPAS

- **Foundations and Nonprofits**
  - Grants and Proposals
  - Project Planning
  - Targeting Services
- **Faculty and Students**
  - Research
  - Class Projects
- **Government**
  - Data/ Information Transparency
  - Capacity for Dissemination
- **Concerned Citizens**
  - Neighborhood Action
  - Needs of their Community

Firefox

MAPAS: a project of the Community Res...

open.cridata.org/maps/mapas2beta/map.html?&mapkey=default#

Google

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MAPAS 2.0

a project of the Community Research Institute

Michigan > Kent County > Grand Rapids > 49525

ENTER A LOCATION

SELECT A GEOGRAPHY

2010 Percent Non White Population [explain]

DRAW A RADIUS AROUND A POINT | DRAW A CUSTOM GEOGRAPHY | IDENTIFY GEOGRAPHY | My MAPAS | RESTART MAP

Population

INDICATORS

The following indicators are available for the mapping topic you've chosen:

% Non-white

POINTS / LAYERS

☐ Charter Schools 2001 - 2012

☐ Public Schools 2001 - 2012

☐ Congregations 2008

☐ Food Pantries 2008

☐ Vita Site Locations 2010

Percent of population identifying themselves as a race other than White

0.00 - 4.92

4.93 - 7.51

7.52 - 12.94

12.95 - 23.74

23.75 - 57.01

57.02 plus

Shaded by: Census Tract

Source: US Census Bureau

Year: 2000 | 2010

My MAPAS

Logout


Maps

Custom Geography

Locations

Charts


Reports



ACCESS Site 1

Date:2012-02-03 14:21:24


Description: ACCESS Proposed Target Area 1



NE Side Bocks

Date:2012-02-03 13:34:39


Description: Blocks on the NE Side



Mi Street Corridor

Date:2012-02-03 13:17:48


Description: Michigan Street Corridor Target Area



ACCESS Site 2

Date:2012-02-03 12:44:08

Description: ACCESS Proposed Target Area 2



Way Cool Geos

Date:2012-02-02 10:43:16

MAPAS 2.0

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MAPAS 2.0: Beta



# MAPAS 2.0

a project of the Community Research Institute

Michigan > Kent > Grand Rapids > 49506

2000 - black\_p [explain]

DRAW A RADIUS AROUND A POINT DRAW A CUSTOM GEOGRAPHY IDENTIFY GEOGRAPHY CREATE A GRAPH MY MAPAS RESTART MAP

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ENTER A LOCATION

SELECT A GEOGRAPHY

Weave\_Test

## INDICATORS

The following indicators are available for the mapping topic you've chosen:

% Black or African American

POINTS LAYERS

Select Points:

- ☒ Public Schools
- ☐ Congregations
- ☐ Food Pantries
- ☐ Vita Site Locations

Percent of population identifying themselves as Black or African American

0 to < 0.01

0.01 to < 12.05

12.05 to < 19.99

19.99 to < 29.99

29.99 to 100

Shaded by: Block Groups

Source: US Census 2000

Year: 2000

Custom Geography

Clear custom geography and marker

Create a Report

Keep Geography

# Migration to Weave

# MAPAS: Where We Are Now | Advantages of Weave

- More in-house Flexibility
  - Feature Requests
  - Open Source Coding
  - Data/Boundary Uploads
- OIC Partner Collaboration
- Potential for an Active Open Source Community
- Opportunity to Include more Advanced Features in our System (ex. User Data Uploads)

# Community Research Institute

Empowering communities with quality research and data



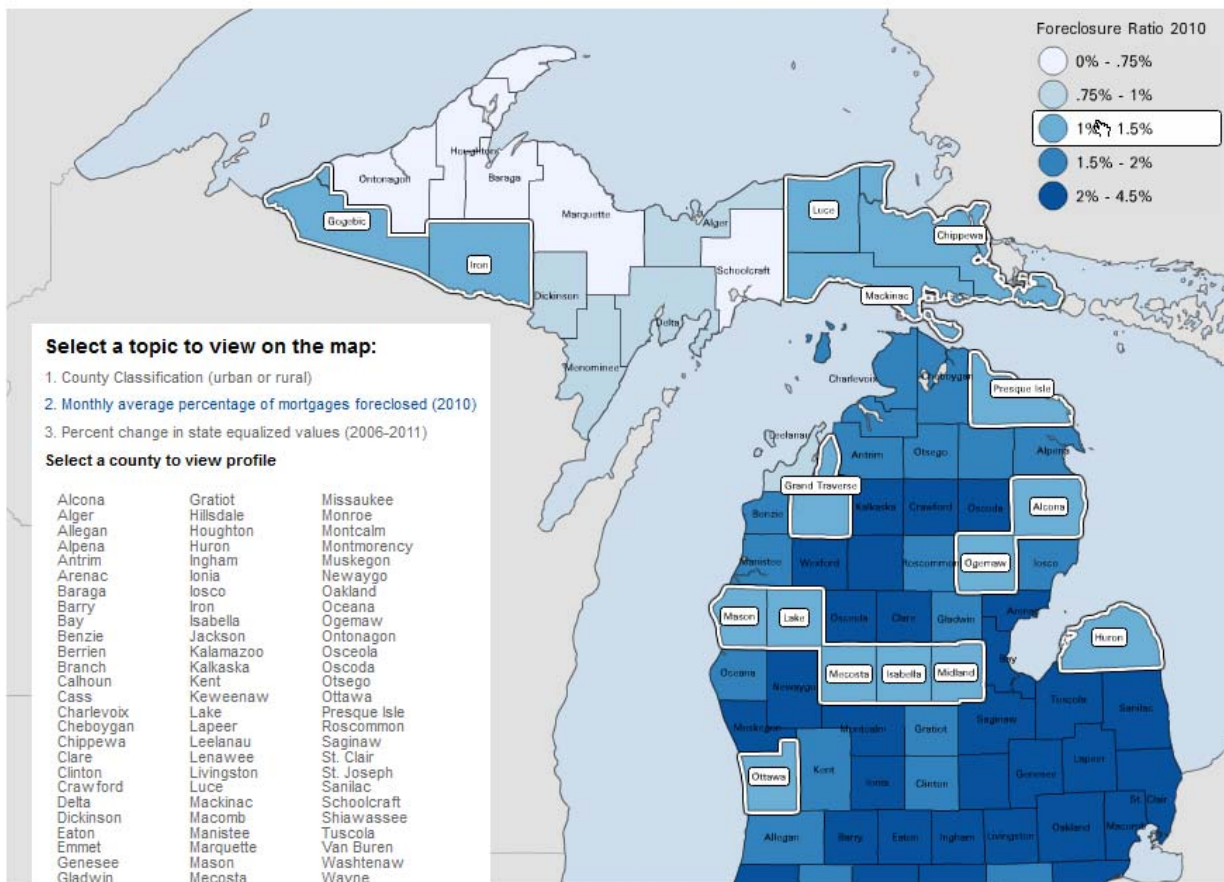
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Home > Projects > Residential Foreclosure Analysis in Michigan

## Michigan Historical Residential Foreclosure Data

### A project of the Michigan Foreclosure Task Force

The Michigan Historical Residential Foreclosure Data Project is a partnership between The Michigan Foreclosure Task Force (MTFF), The Community Economic Development Association of Michigan (CEDAM), the Michigan State Housing Development Authority (MSHDA) and Grand Valley State University's Community Research Institute (CRI). The project is made possible through a generous grant from Quicken Loans. The purpose of the effort is to provide communities throughout the state of Michigan with meaningful historical foreclosure-related data that gives them a clear picture of the genesis of the crisis and its impact over time both at the state and county level. Indicators and trends on residential foreclosures, delinquency, Real Estate Owned (REO) properties and proxies for estimating time properties remain in foreclosure and underwater homes are provided for each county where available. The project also explores the trends between urban and rural counties in Michigan. It is our hope that communities will use this data to launch or enhance local foreclosure response efforts.



# Where We Are Going



# MAPAS: Where We Are Going | Next Steps

- CRI **collaboration** with Data Driven Detroit to create a Statewide Michigan System
- User Shared Content
  - Other MAPAS Users
  - User Social Networks
- New and Enhanced Features
  - More User Case Scenario Development
  - Taking some MAPAS features and bringing to the Mobile app realm