Urban Farm Mapping in Detroit using ARCGIS

ECO DATA
MICHIGAN

April 23rd, 2021

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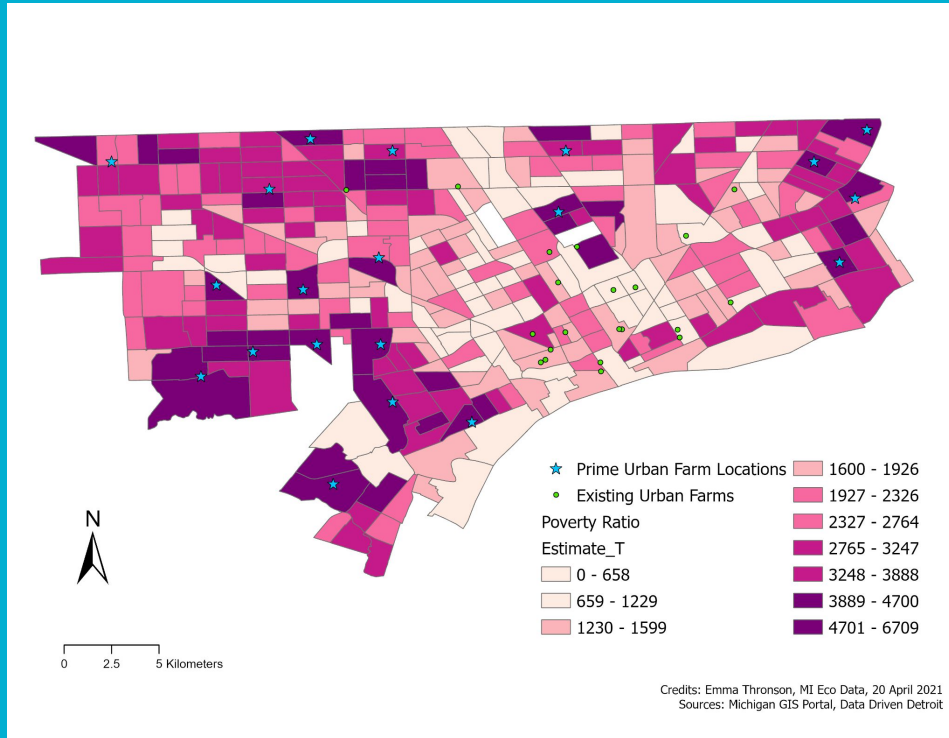# Map with Vacancy Index, Grocery Stores, and Existing Urban Farms

Credits:
Madeline Richards: Michigan Eco Data Club. 04/22/2021
Projected Coordinate System: NAD 1983
Source: Data Driven Detroit

Made by: Madeline Richards

Possible Locations are marked with green circles

Data source: Data Driven Detroit

Map with Poverty Ratio Estimates and Existing Urban Farms

Made by: Emma Thronson
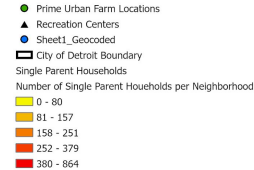
Possible Locations are marked with blue stars

Data source: Data Driven Detroit and Michigan GIS Portal

Map with Single Parent Household Density, Recreation Centers, and Existing Urban Farms
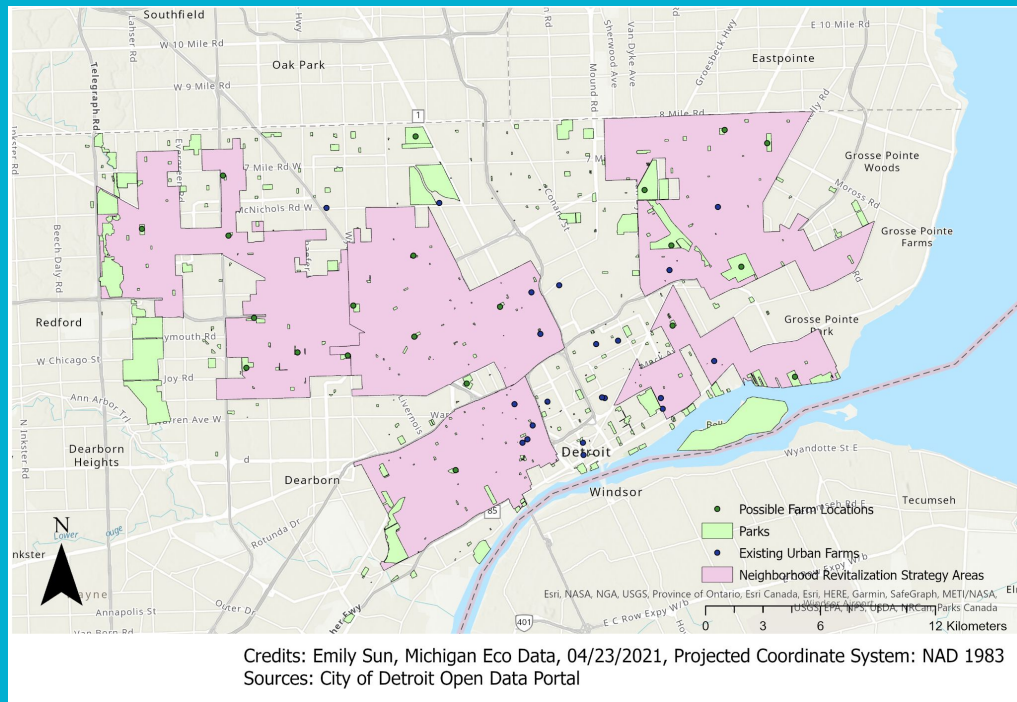

Made by: Sarah Kang

Possible Farm Locations are marked with green dots

Data Source: Michigan GIS Portal and Data Driven Detroit

Map with Parks, Neighborhoods Revitalization Strategy Areas, and Existing Urban Farms

Credits: Emily Sun, Michigan Eco Data, 04/23/2021, Projected Coordinate System: NAD 1983
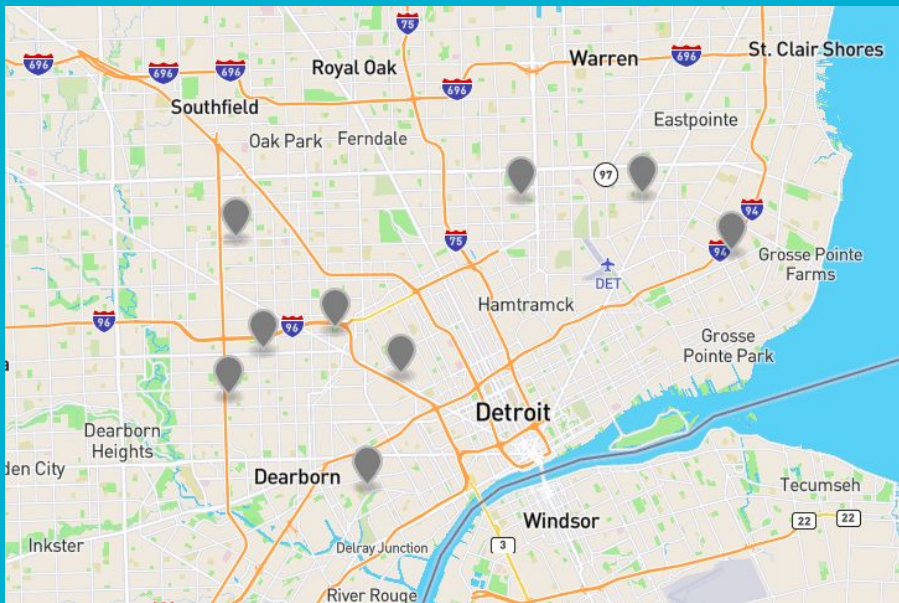Sources: City of Detroit Open Data Portal

Made by: Emily Sun

Possible Locations are marked with green dots

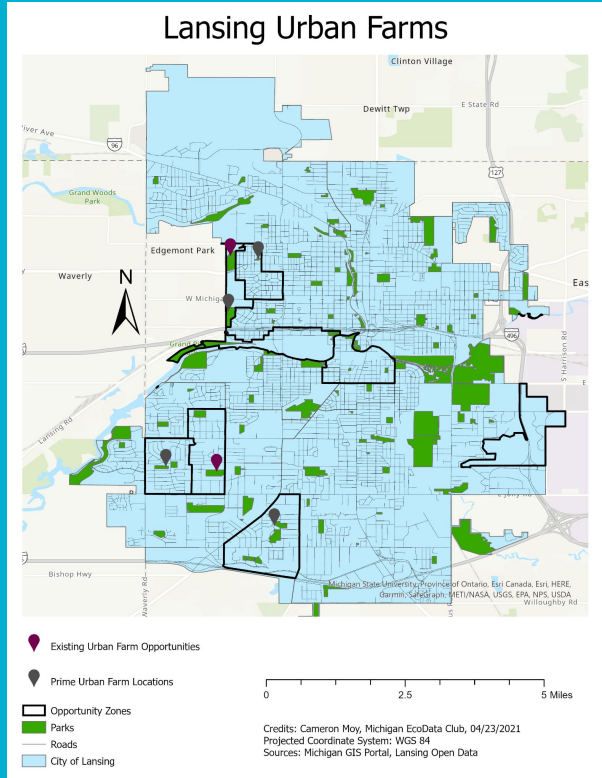Data Source: City of Detroit Open Portal

Final Proposed Locations

Documentation of all 10 sites with Google Map Images and Notes: LINK

INTERACTIVE MAP:
https://madejoyr.github.io/urban_farm_mapping_detroit/index.html

Mini Project: Lansing Urban Farms

Lansing Urban Farms

Existing Urban Farm Opportunities

Prime Urban Farm Locations

Opportunity Zones

Parks

Roads

City of Lansing

0   2.5   5 Miles

Credits: Cameron Moy, Michigan EcoData Club, 04/23/2021
Projected Coordinate System: WGS 84
Sources: Michigan GIS Portal, Lansing Open Data

Made by: Cameron Moy

Possible locations marked with grey points

Existing farms with the opportunity of growth marked with purple points

Next Steps

- Creating a Final Proposal
    - ArcStoryMaps to present maps
    - Background/Research on Detroit and Urban Farming
    - Finding usable Soil Data
- Creating a Risk Index
- Reaching out to Detroit Urban Farming Community and presenting our proposal

Additional Resources

Datasets/Sources: LINK

ARCGIS Video Tutorials (credit: Madeline Peery): LINK

List of Existing Urban Farm Locations in Detroit: LINK