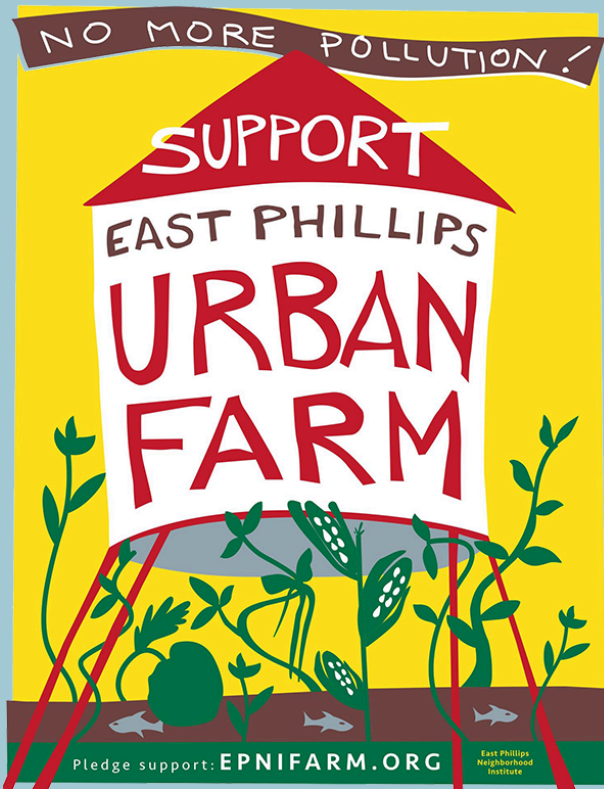


MAPPING EAST PHILLIPS

A Collaboration Between Macalester
College Urban GIS and the East
Phillips Neighborhood Institute



MACALESTER

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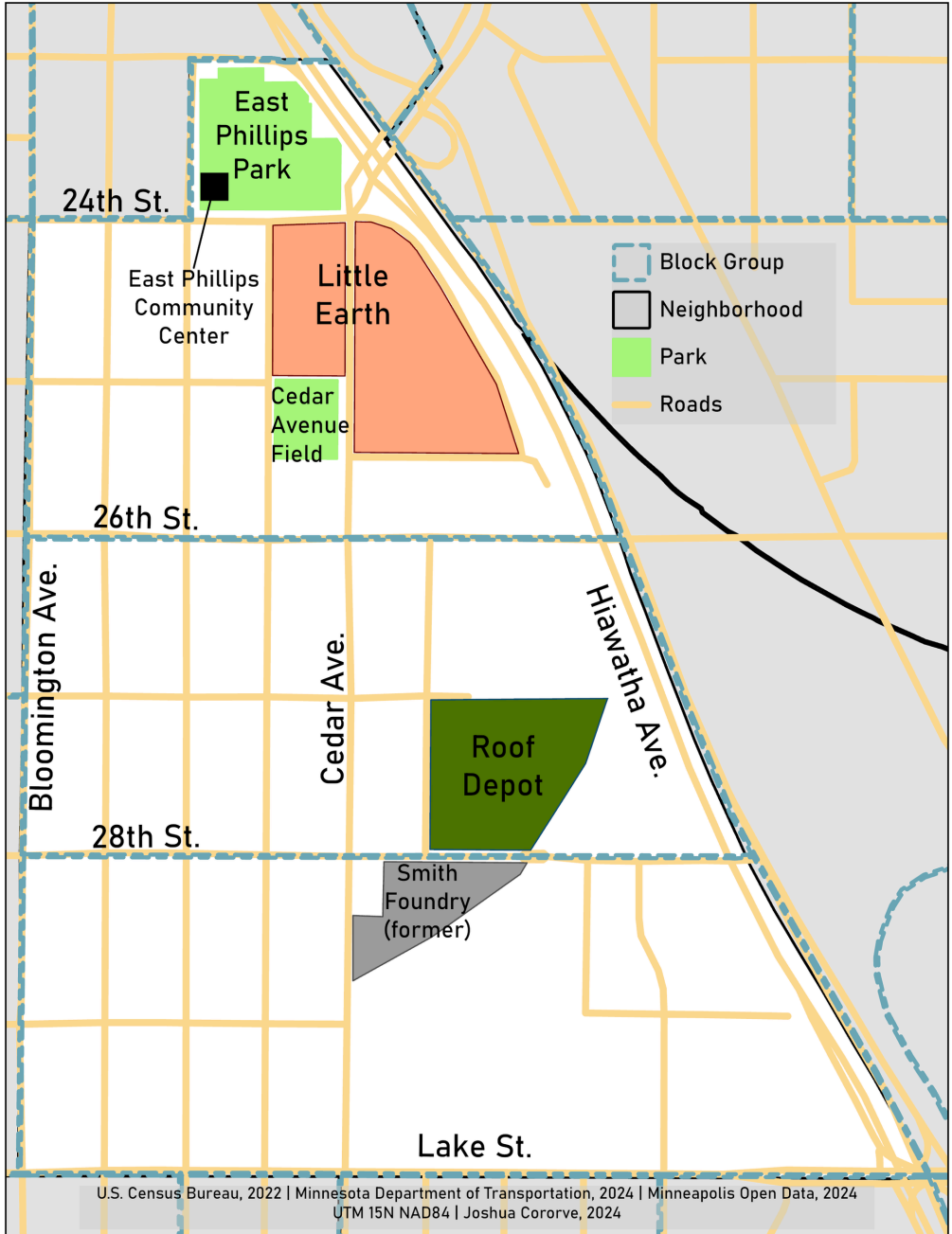
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**INTERESTED IN
FULL PROJECT?**

SCAN HERE →



EAST PHILLIPS REFERENCE MAP



WHO LIVES IN EAST PHILLIPS?

American Community Survey | US Census Bureau | ESRI Community Analyst | Urban GIS 2024

LANGUAGE



38% Speak **only** English

59% Speak a language other than English

36% Speak Spanish

76% Speak English "very well"

HOUSEHOLDS



Average Household Size: **3.3**

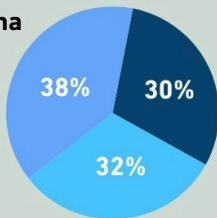
31% Of households have a person with disability status

6% Unemployment Rate

EDUCATION



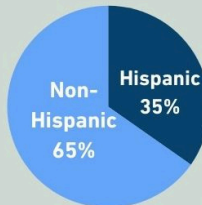
High School Diploma



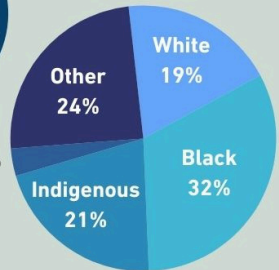
College Degree

No High School Diploma

ETHNICITY



Asian 3%



39% of residents are under 18

Median Age:

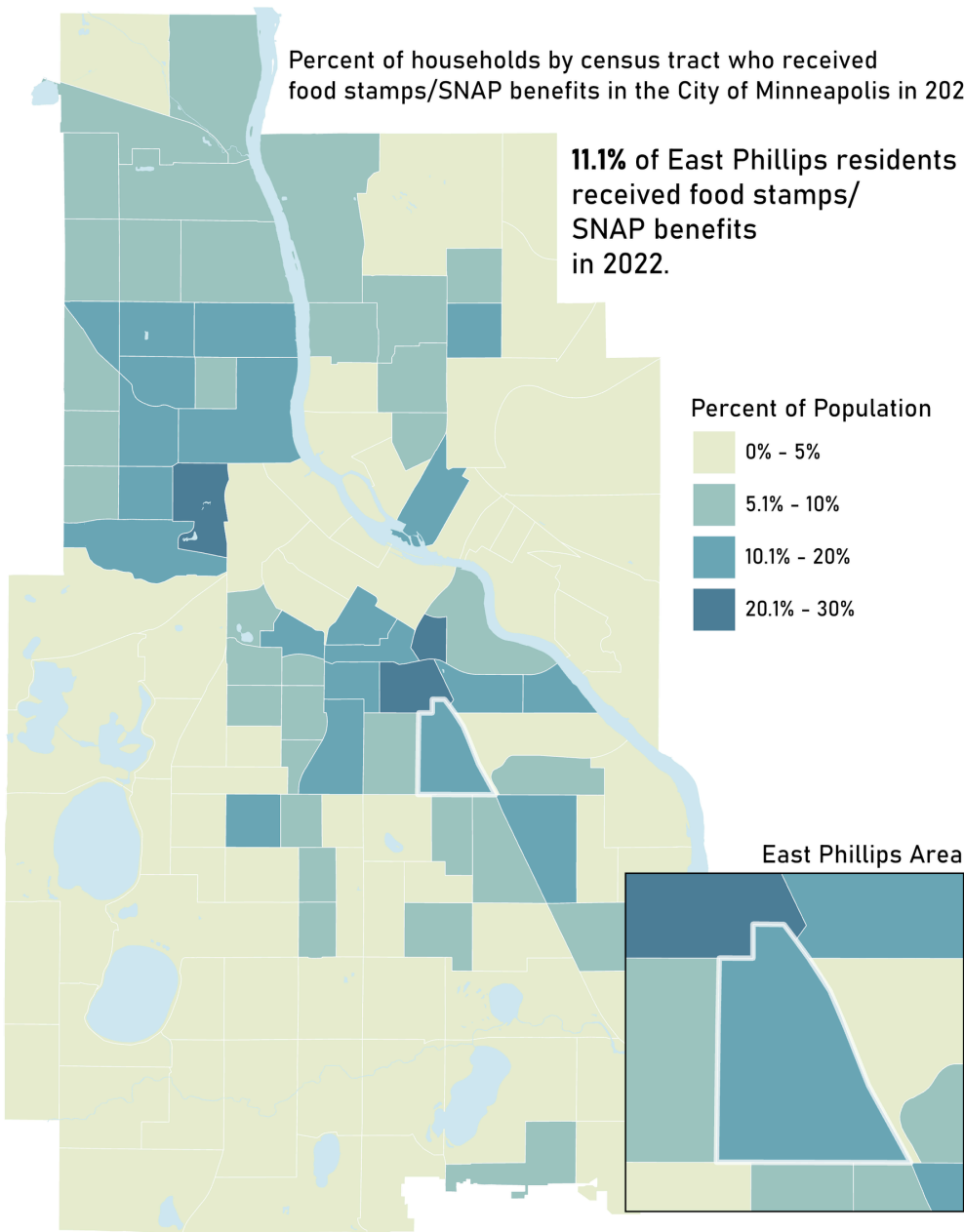
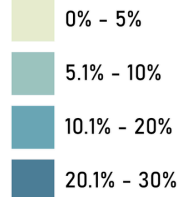
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Food Stamps/SNAP Recipients

Percent of households by census tract who received food stamps/SNAP benefits in the City of Minneapolis in 2022.

11.1% of East Phillips residents received food stamps/SNAP benefits in 2022.

Percent of Population



Share Your Story About East Phillips!

This zine describes the East Phillips neighborhood using numbers and statistics, but we acknowledge that its community and stories are what make it special. What makes East Phillips special to you? Do you call East Phillips home? Where do you find community in East Phillips and the City of Minneapolis?

We welcome you to share your stories about East Phillips so that organizations like EPNI can preserve community stories for future generations.



Share your
story here!



Learn more about
neighborhood
demographics
here!

Toxic Exposures & Unequal Health

East Phillips is a neighborhood that has for several decades been disproportionately impacted by several public health and environmental problems. From 1938 - 1963, arsenic-based pesticides were both processed and stored at the Roof Depot site. This eventually resulted in a massive clean-up project led by the EPA, which had to remove around 50,000 tons of contaminated soil that were affecting more than 500 homes.

Additionally, asthma rates in East Phillips are almost three times higher than that of the Minnesota state average, a product of heavy air pollution in the area. This is in part due to manufacturers like the recently closed Smith Foundry, which the EPA alleged had several air quality violations. The eastern border of East Phillips also features Hiawatha Avenue, a busy highway that attracts a great deal of automobile emissions daily, significantly adding to the air pollution.

With the population of East Phillips being majority non-White and/or of lower socioeconomic status, all these factors point towards East Phillips being a community suffering from environmental injustices. The neighborhood's life expectancy, lower than others in Minneapolis, prove the cumulative effects of these factors.

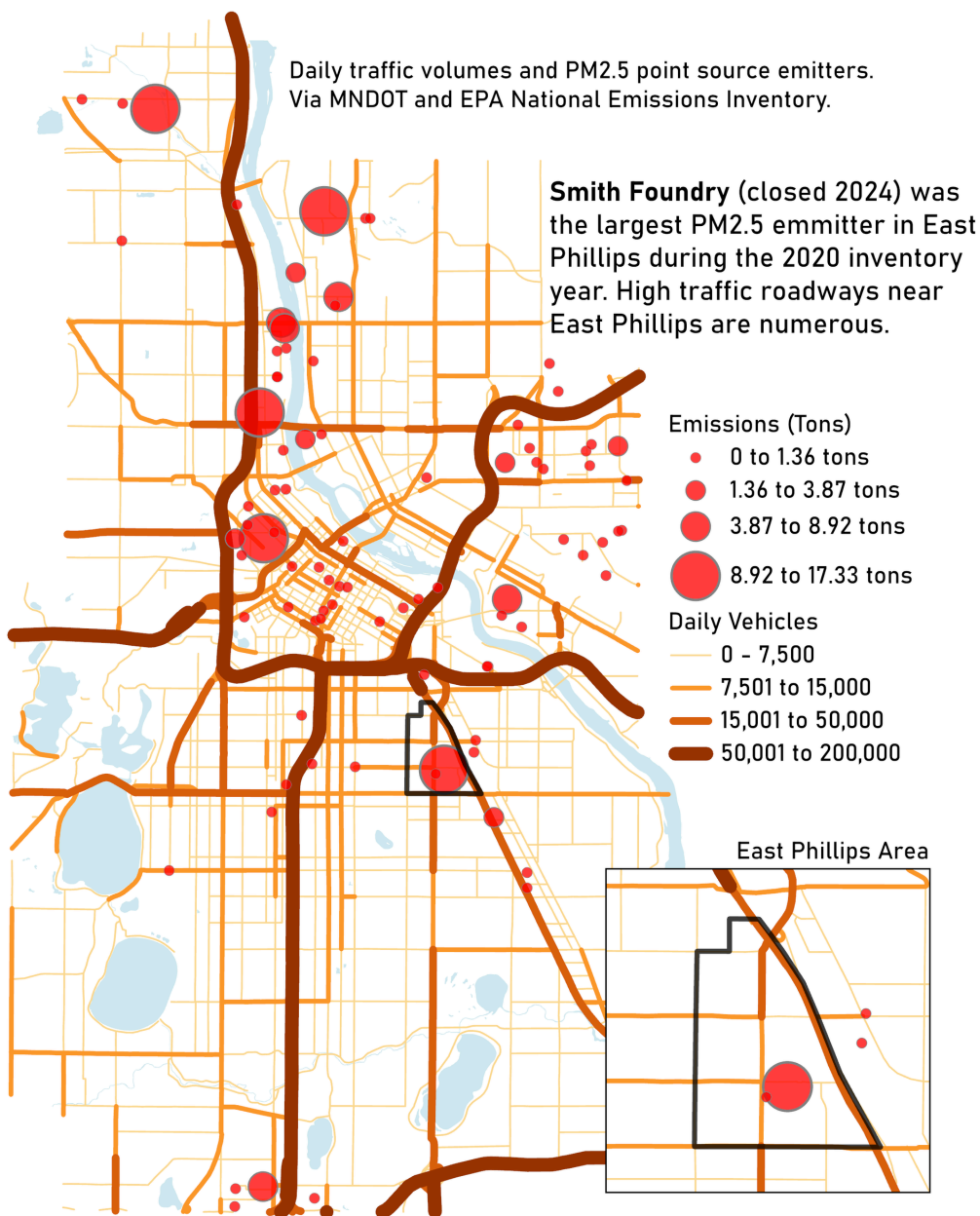
We hope that the following maps illustrate the environmental injustices in the East Phillips neighborhood, and demonstrate how essential an Urban Farm would be in this community.

**FOR MORE HEALTH &
ENVIRONMENT INFO**

SCAN HERE →



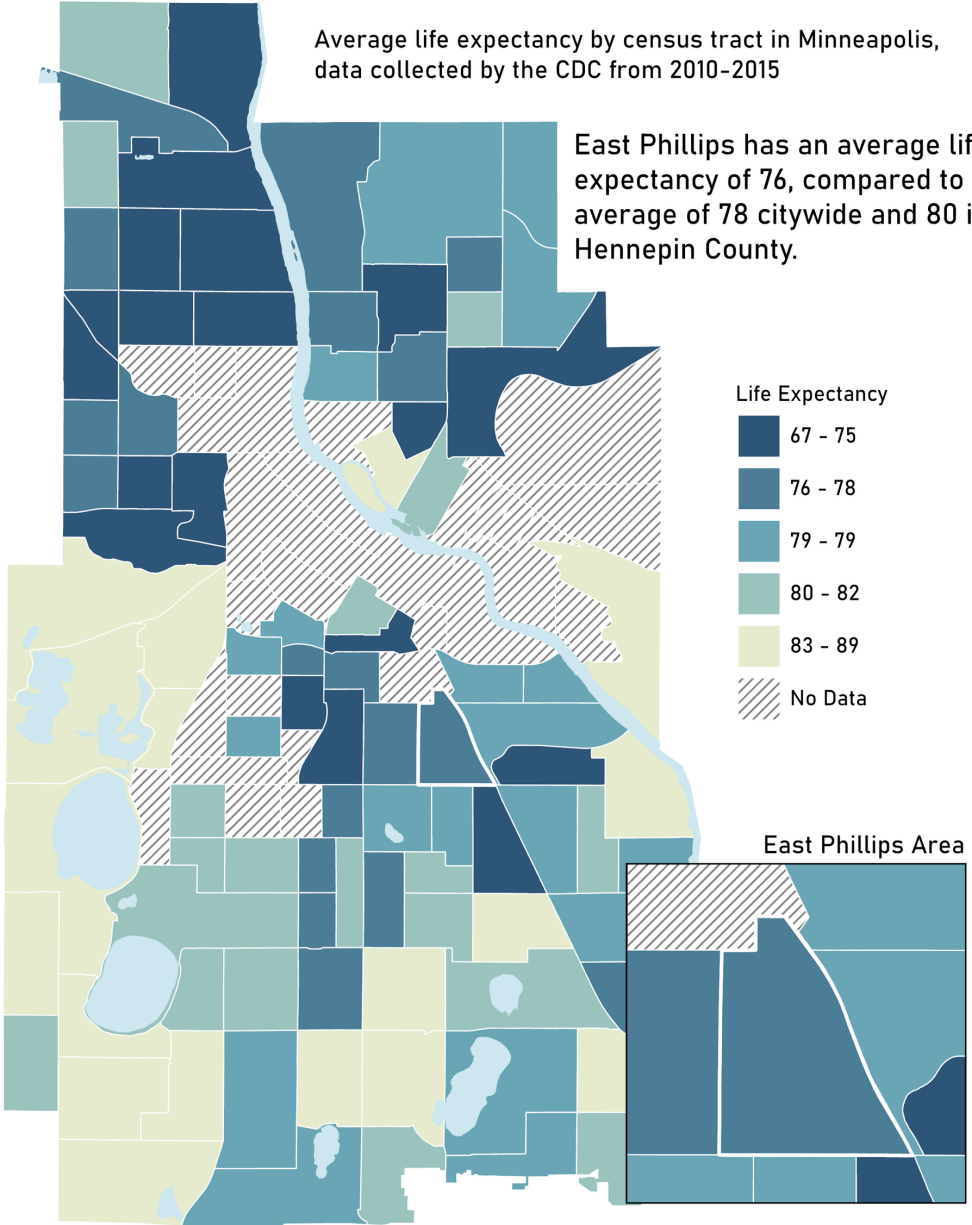
Minneapolis Air Polluters



Minneapolis Life Expectancy

Average life expectancy by census tract in Minneapolis, data collected by the CDC from 2010-2015

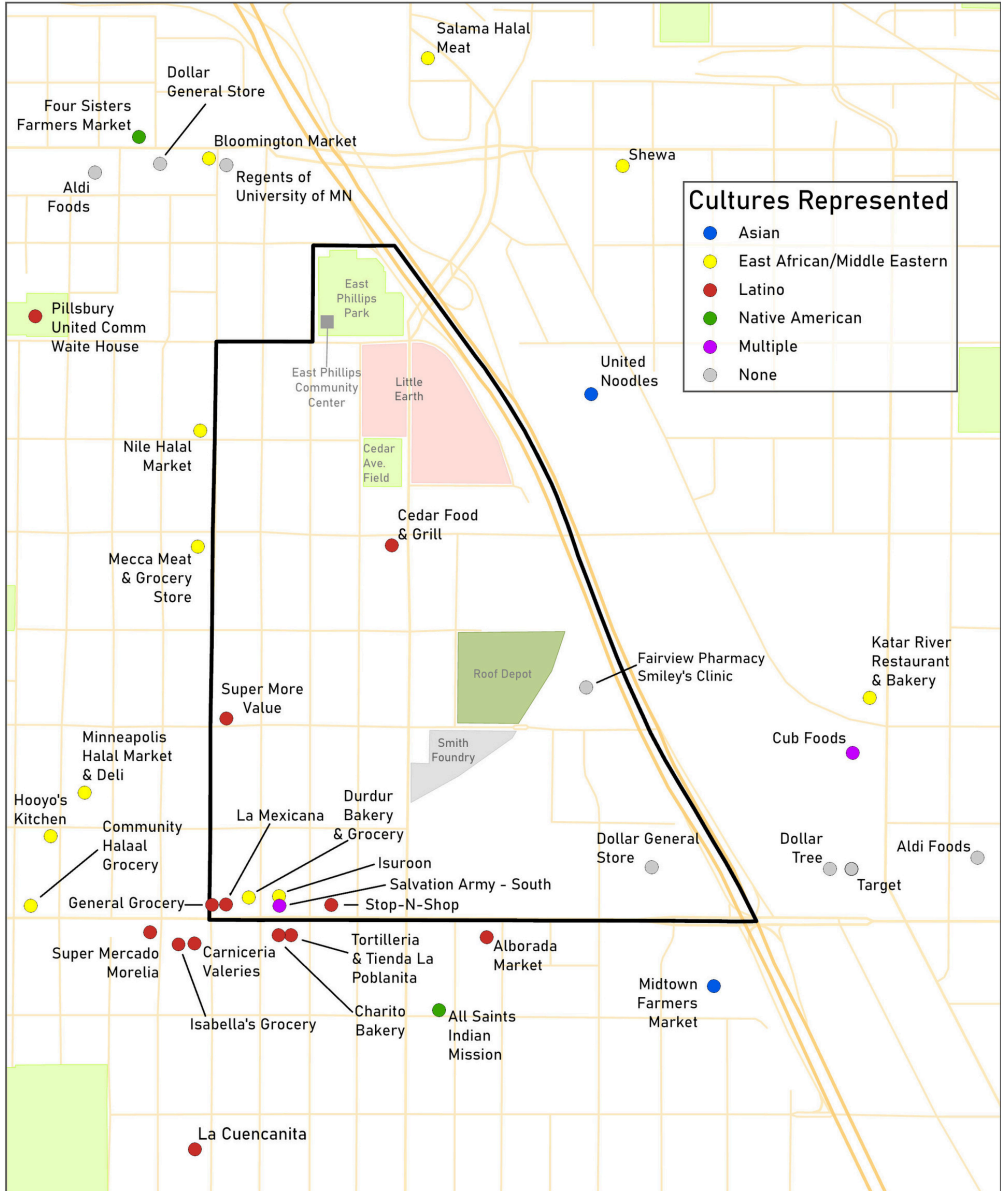
East Phillips has an average life expectancy of 76, compared to an average of 78 citywide and 80 in Hennepin County.



FOOD RESOURCES

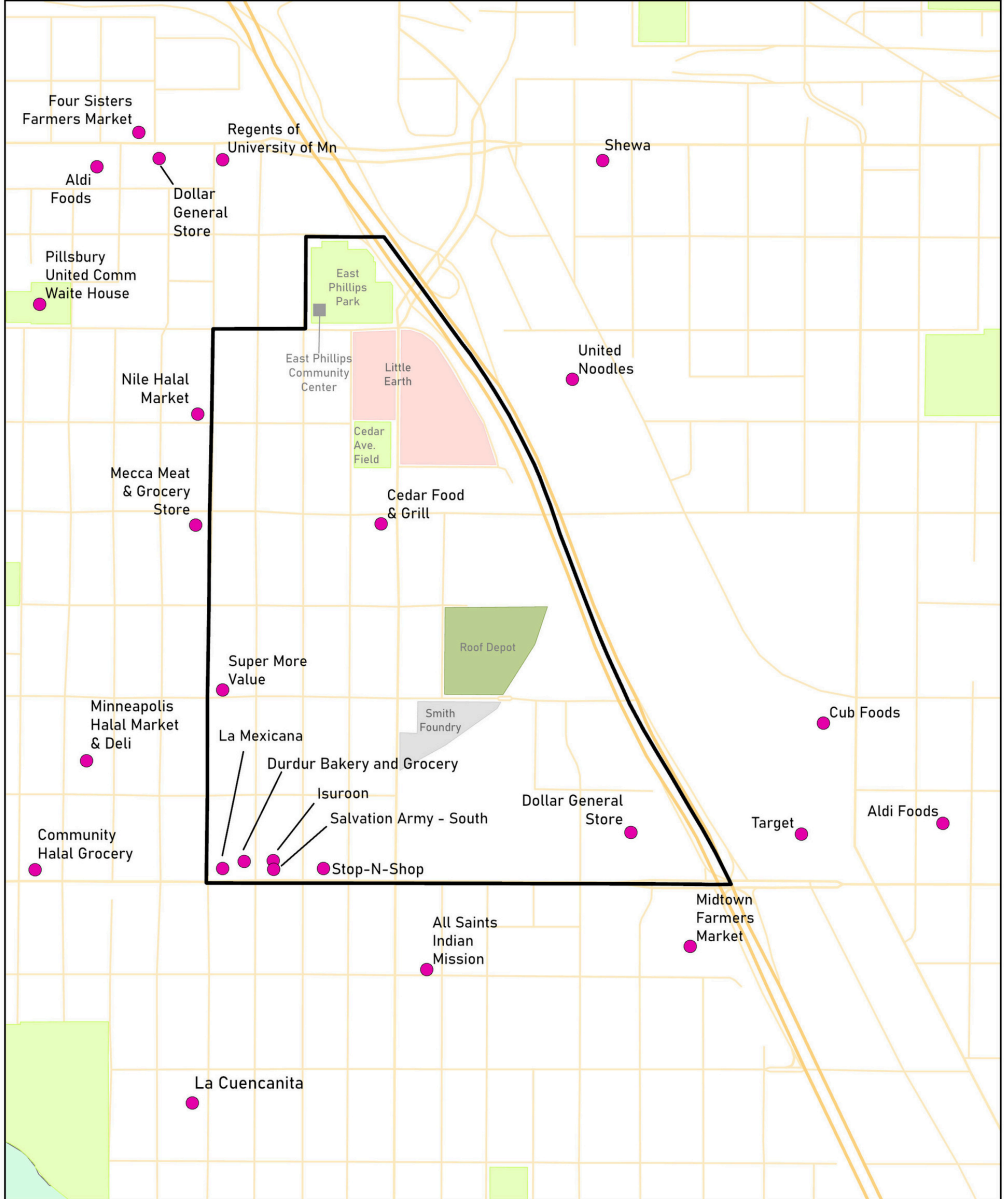
Culturally Relevant Foods in and around East Phillips

Grocery stores and food shelves providing cultural food within a 1/4 mile radius of East Phillips.



Free and Discounted Food in and around East Phillips

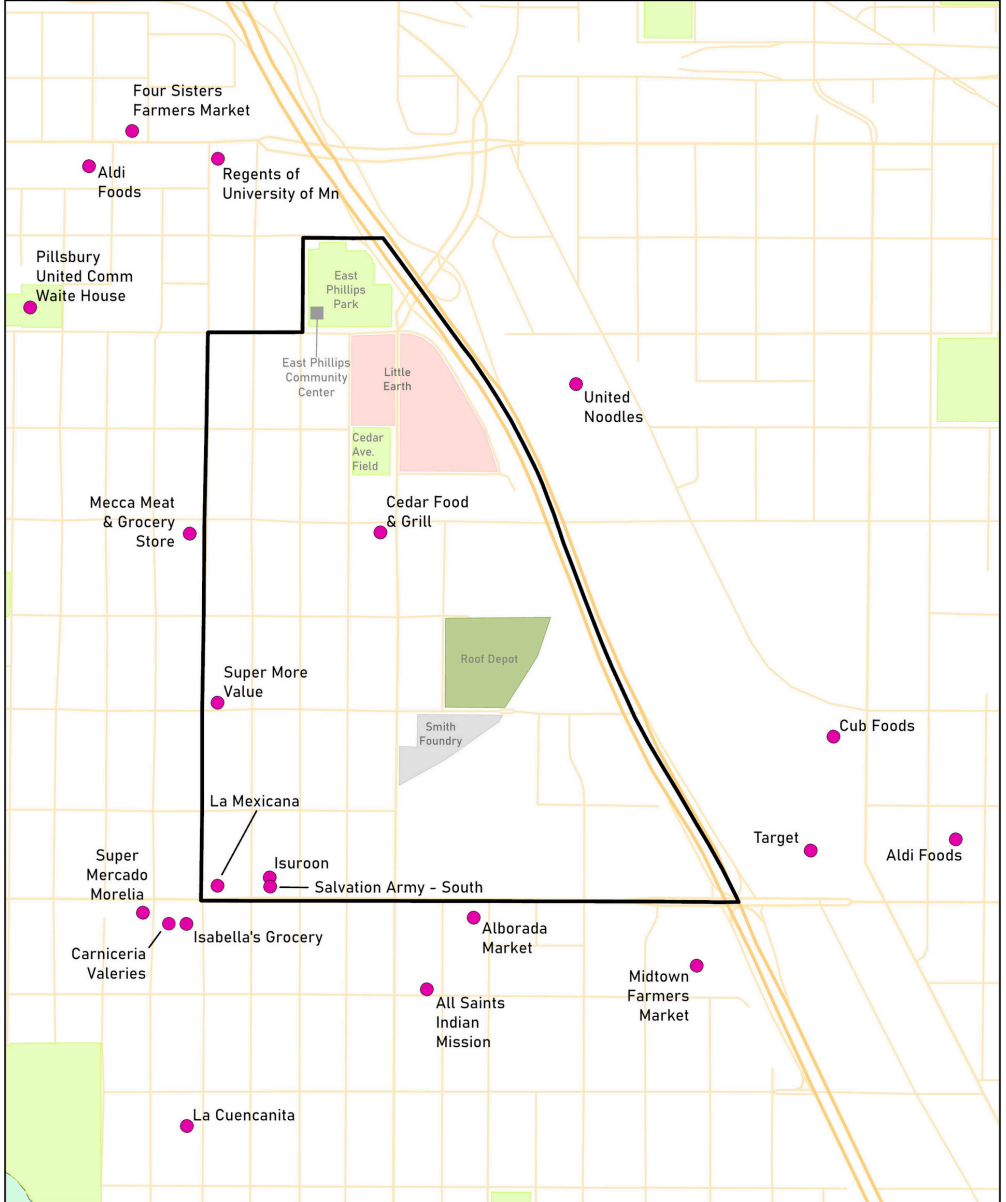
Grocery stores and food shelves that offer free or discounted (EBT or WIC) food within a 1/4 mile radius of East Phillips.



Cartographer: Jenna Hawkes; Sources: U.S. Census Bureau, 2022, Minnesota Department of Transportation, 2024, City of Minneapolis, 2024, UTM 15N NAD83

Fresh Food in and around East Phillips

Grocery stores and food shelves that offer fresh fruits and vegetables within a 1/4 mile radius of East Phillips.



**USE THESE QR CODES TO ACCESS OUR
INTERACTIVE MAPS ONLINE!**



Food Resources in East Phillips



Community Gardens in East Phillips



Add your community garden to the map!

EMPLOYMENT TRENDS IN EAST PHILLIPS COMPARED TO MINNEAPOLIS

Data Source: US Census | OnTheMap | 2024

1,262 JOBS IN EAST PHILLIPS

TOP 3 EMPLOYMENT INDUSTRIES IN EAST PHILLIPS

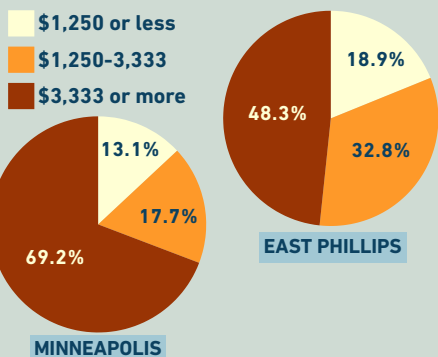
41.2%	Health Care and Social Assistance
11.2%	Manufacturing
9.7%	Real Estate, Rental, and Leasing

341,640 JOBS IN MINNEAPOLIS

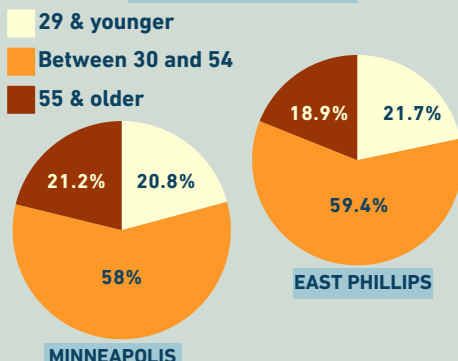
TOP 3 EMPLOYMENT INDUSTRIES IN MINNEAPOLIS

20.2%	Health Care and Social Assistance
13.5%	Professional, Scientific, and Technical Services
11.6%	Educational Services

JOBS BY EARNINGS PER MONTH



AGE OF EMPLOYEES



3.2% of East Phillips residents work in the neighborhood

MINNEAPOLIS RESIDENTS

Under 10 miles: **76.7%**
10-24 miles: **18.4%**
25-50 miles: **1.1%**

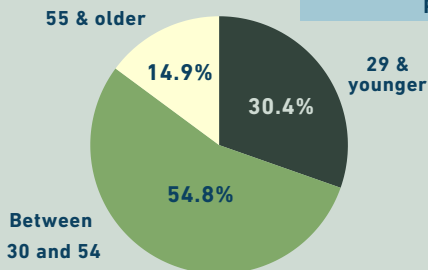
DISTANCE OF WORK COMMUTE



EAST PHILLIPS RESIDENTS

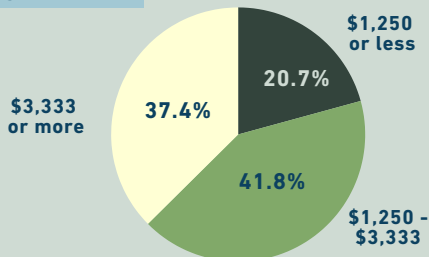
Under 10 miles: **76.3%**
10-24 miles: **17.1%**
25-50 miles: **1.6%**

BY AGE

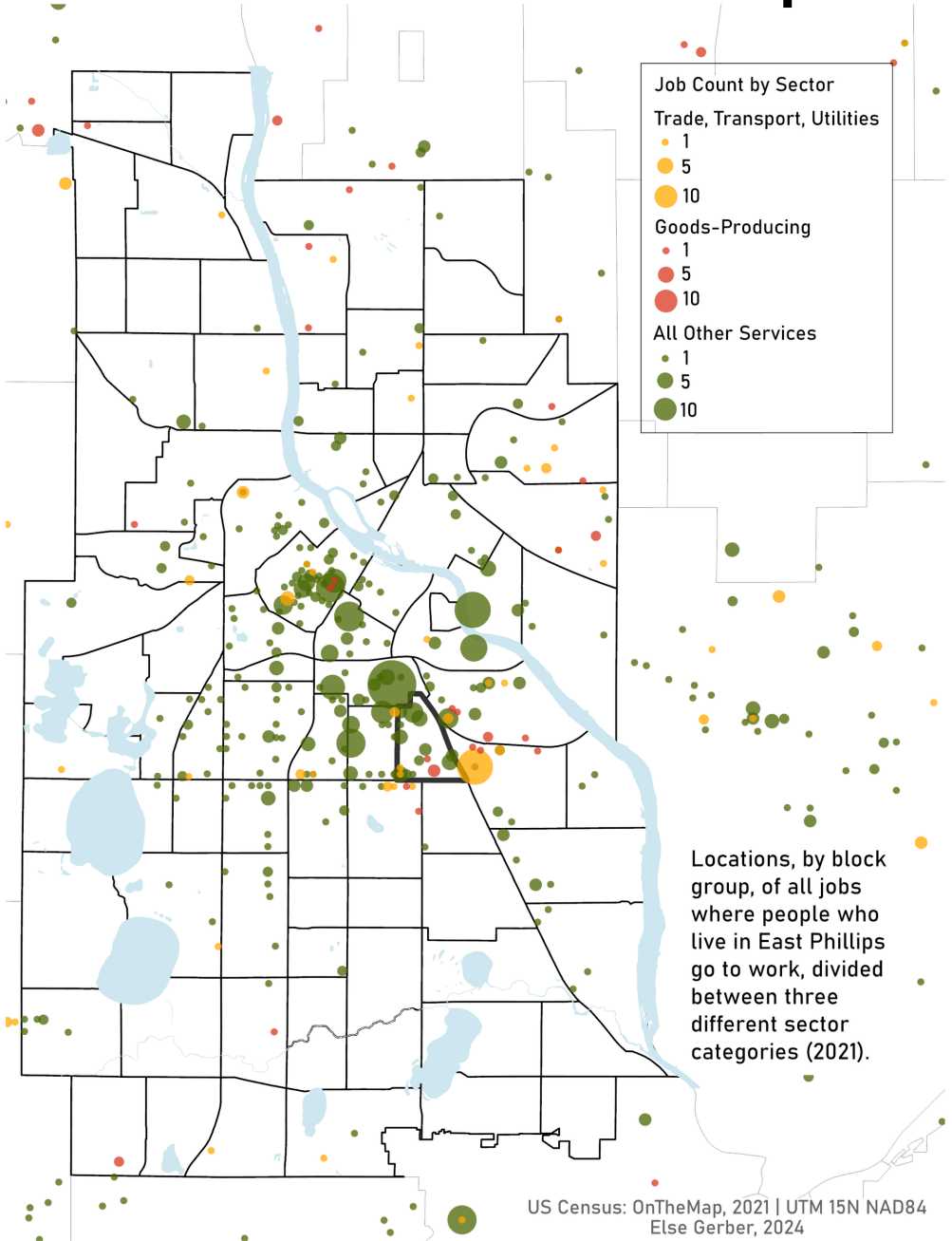


WORKERS WHO LIVE IN EAST PHILLIPS

BY EARNINGS PER MONTH



Locations of Employment for Residents of East Phillips

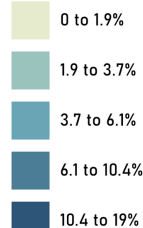


Minneapolis Vacancy Rates

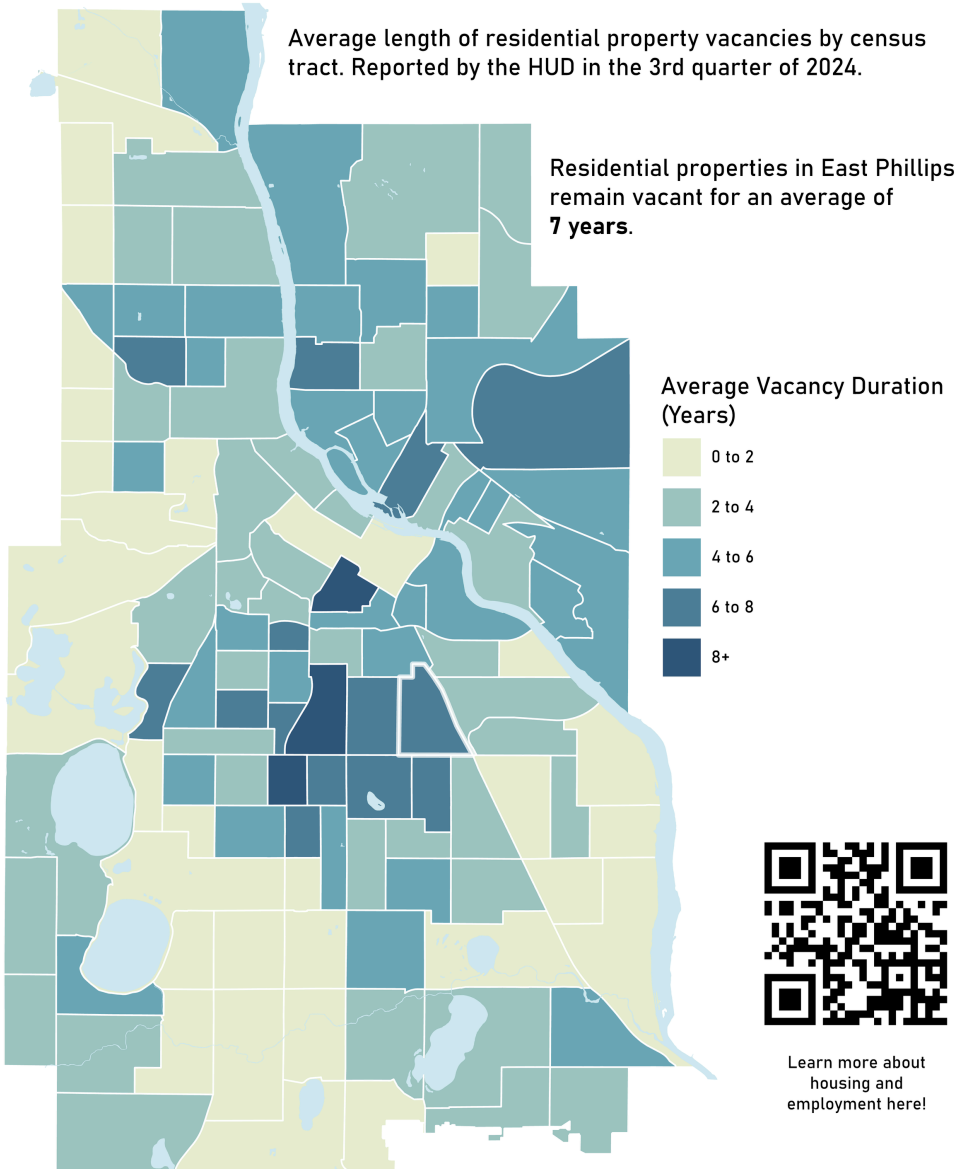
Proportion of vacant residential properties by census tract.
Reported by the HUD in the 3rd quarter of 2024.

3.7% of residential properties in East Phillips are vacant.

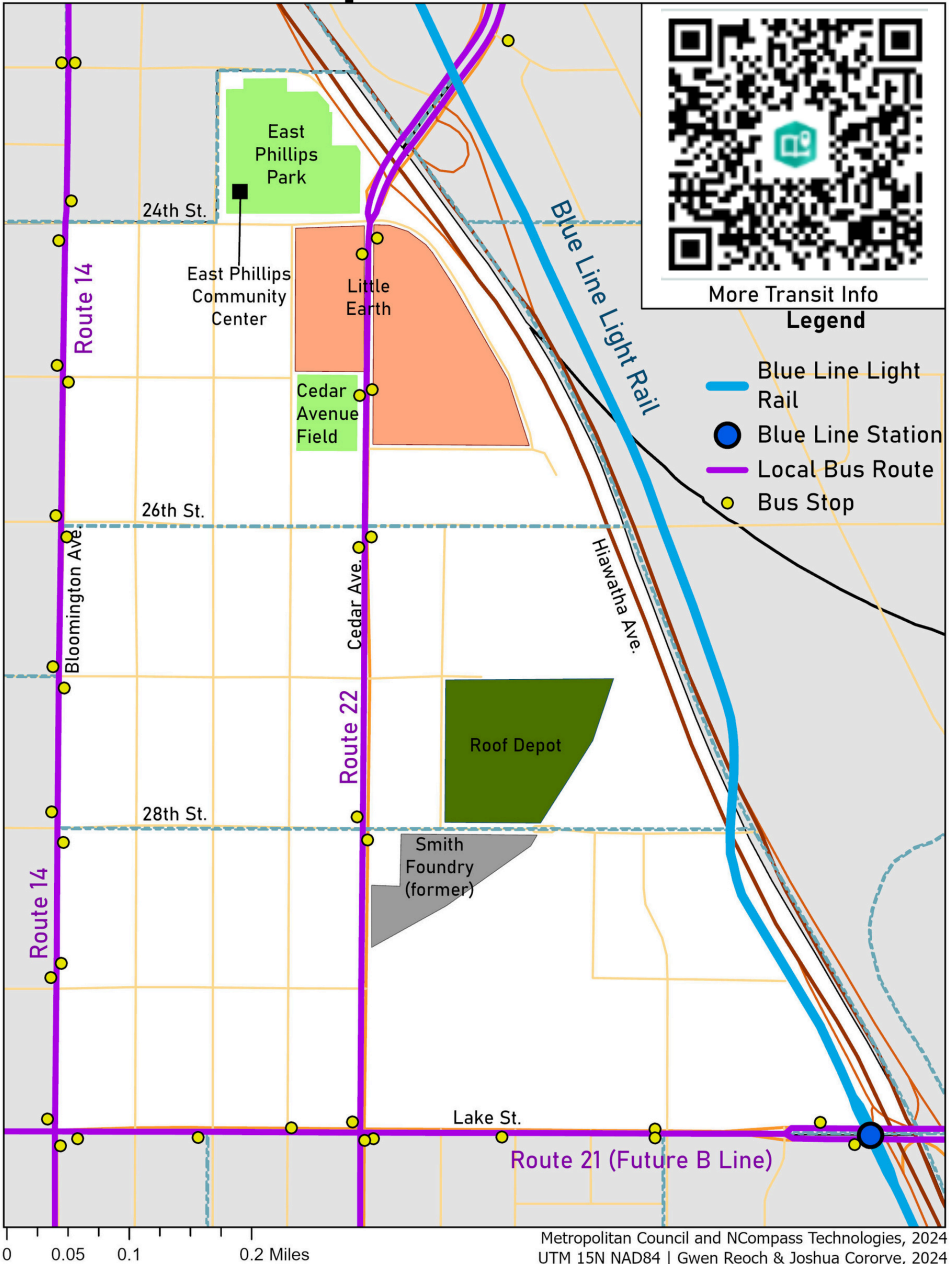
Vacancy Rate



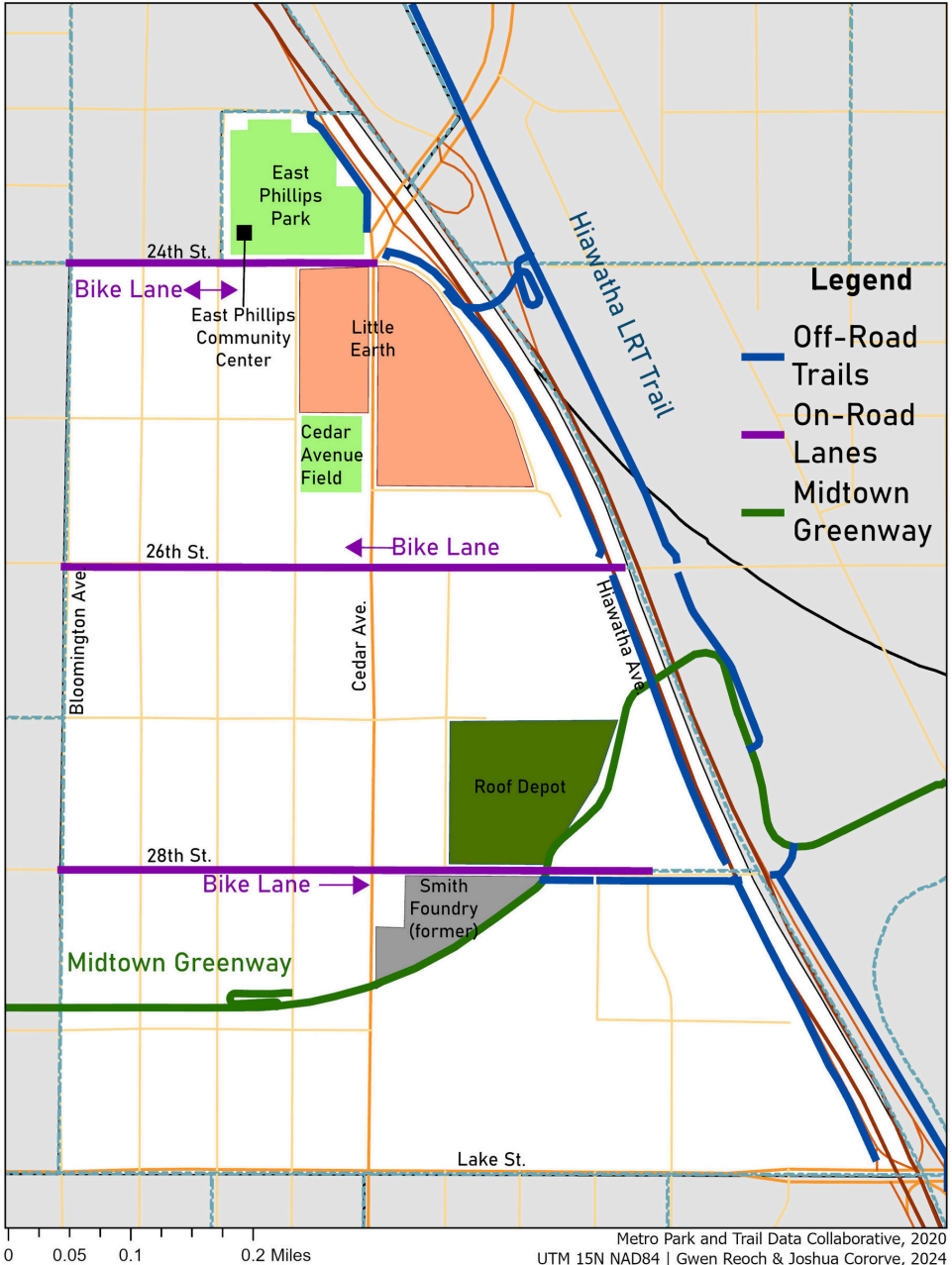
Minneapolis Vacancy Durations



East Phillips Transit Routes



Bike Infrastructure



ABOUT US

This project was a collaboration between the East Phillips Neighborhood Institute (EPNI) and the Fall 2024 Urban GIS course at Macalester College. Thirteen students, under the instruction of Dr. Laura Smith and Ashley Nepp, spent the semester combining their common background in geography and Geographic Information Systems (GIS) with individual interests and skills to create this partner project with EPNI.



Urban GIS, an advanced GIS course offered by the Geography Department of Macalester College, provides students the opportunity to work with a community partner and see a project through all stages. From meeting with partner representatives and building research questions to collecting, analyzing, and visualizing data, the process allows students and partner organizations to enter into a reciprocal relationship.