

# 45<sup>TH</sup> DISTRICT 2018 FOOD ENVIRONMENT BRIEF



## OVERVIEW

The Department of Planning and the Johns Hopkins Center for a Livable Future collaborate to examine the Baltimore food environment through research, analysis and mapping in order to inform the work of the City’s Baltimore Food Policy Initiative (BFPI). Please refer to *Baltimore City’s Food Environment: 2018 Report* for more in-depth information.

## HEALTHY FOOD PRIORITY AREA

Healthy Food Priority Areas show where four factors related to food access overlap. The four criteria listed below determine if an area is a Healthy Food Priority Area. These areas were previously referred to as “food deserts.”

### KEY FINDINGS

- The 45th District is on par with the citywide average of residents living in a Priority Area with 24%, compared to 23.5% citywide.
- Racial disparities persist with over 25,000 (29%) of Black residents living in Priority Areas, compared to under 1,300 (5%) White residents.
- Children are the most likely age group to live in Priority Areas.

### RESIDENT PERSPECTIVE

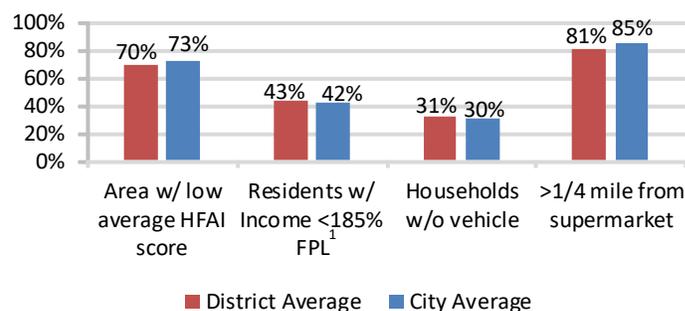
*“I have seen so many friends and family members suffer from diseases such as diabetes and hypertension due to an unhealthy diet. It can be really hard to eat right in Baltimore because many lack the education, exposure, finances and time to do so.”*

Mary Brown-Bey  
2017 Resident Food Equity Advisor, District 45

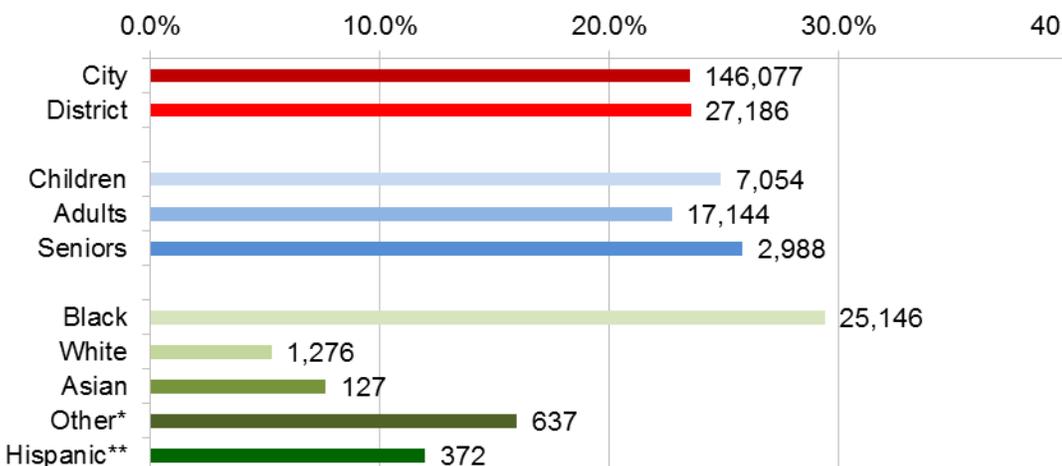
### PRIORITY AREA FACTORS

1. The average Healthy Food Availability Index (HFAI) score is in the lowest tier
2. The median household income is at or below 185% of the Federal Poverty Level
3. Over 30% of households do not have a vehicle available
4. The distance to a supermarket is more than ¼ mile

### HEALTHY FOOD PRIORITY AREA FACTORS BY PERCENT OF 45<sup>TH</sup> DISTRICT RESIDENTS



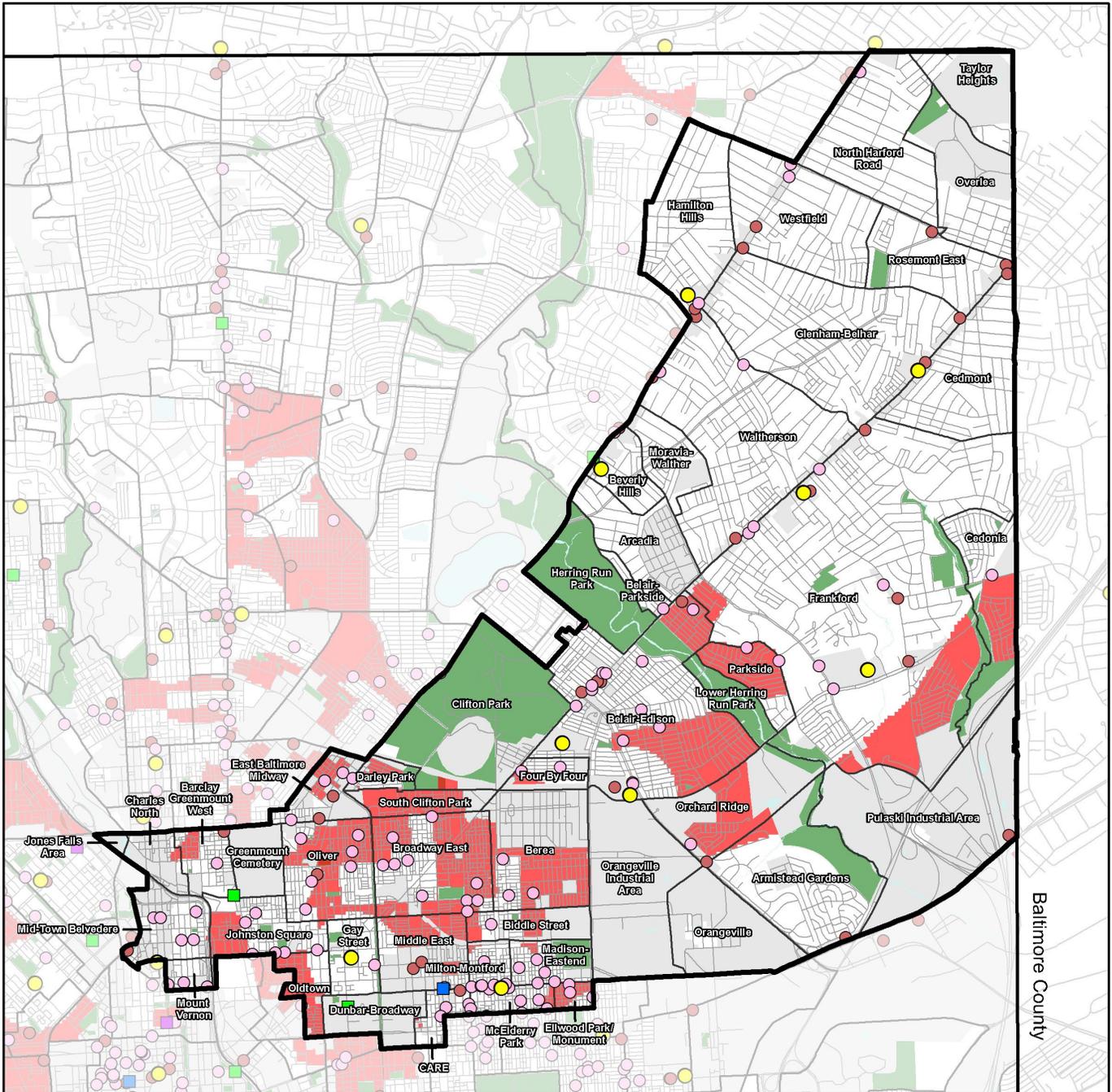
## PERCENT OF EACH POPULATION GROUP LIVING IN A HEALTHY FOOD PRIORITY AREA<sup>2</sup>



**How to read this graph (example):**  
Of all the children living in the 45th District, 7,054 (25%) live in a Healthy Food Priority Area.

# 2018 FOOD ENVIRONMENT MAP - DISTRICT 45

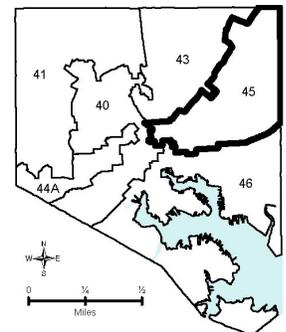
## FOOD RETAIL



2018 Food Environment Map - District 45

### Food Retail

- Healthy Food Priority Areas
- Legislative Boundaries
- Neighborhood Boundaries
- Supermarkets (9)
- Small Grocery & Corner Stores (94)
- Convenience Stores (33)
- Harbor, Lakes, & Streams
- Parks
- Non-Residential
- Farmers Markets (2)
- Public Markets (1)
- Virtual Supermarkets (0)
- Streets





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## FOOD RETAIL

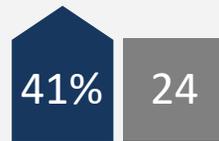
Healthy Food Availability Index (HFAI) scores show the quantity and variety of staple food groups and healthy options. Scores range from 0-28.5. HFAI awards stores points based on the presence of a market basket of staple foods and whether healthy options of common foods are available (i.e. whole grain bread).

### HFAI SCORE RANGE:

	(19.1 - 28.5)	HIGH
	(9.6 - 19)	MEDIUM
	(0 - 9.5)	LOW

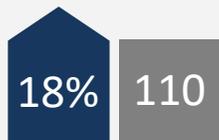
## HIGHER HFAI SCORES IN SNAP AND WIC STORES<sup>3</sup>

### WIC: Women, Infants and Children



Only 24 small grocery and corner stores (out of 94 small stores in the district) accept WIC and SNAP benefits, yet analysis shows a 41% increase in HFAI score compared to stores of the same size that only have SNAP.

### SNAP: Supplemental Nutrition Assistance Program (formerly food stamps)



Stores that accept SNAP have an HFAI score 18% higher than stores of the same size that do not accept nutrition benefits. 110 (out of 127) small grocery, corner, and convenience stores accept SNAP, yet most only carry the minimum stocking requirements.

## STORE CATEGORIES

Number	Avg HFAI Score	The retail food environment includes various store types, and stores within each format can serve as sources of healthy affordable food.
<b>SMALL GROCERY AND CORNER STORES</b>		
94	8.5	District 45 has 94 stores in this category. The average HFAI score for these stores is 8.5, which is below the Priority Area threshold.
<b>CONVENIENCE STORES</b>		
13	8.7	<b>Discount:</b> District 45 has 13 discount stores that sell a variety of non-perishable and some perishable foods, yet the overall HFAI score is low. 11 stores accept SNAP but none WIC, which may mean they are not accessible to all shoppers.
10	9.4	<b>Chain Convenience:</b> The 10 stores have an average HFAI score of 9.4, which is low. Some may carry healthy food, but not significant amounts.
10	10.0	<b>Pharmacy:</b> Overall, pharmacies have an average score of 10.0. Many have the potential to carry more staple foods, perhaps by connecting specific healthy foods to medical needs.
<b>PUBLIC MARKETS</b>		
1	20.0	Public markets like Northeast Market provide opportunities for small food business incubation, employment, and food access.
<b>SUPERMARKETS</b>		
9	27.7	Overall, supermarkets provide the widest variety of healthy staple foods. The 9 supermarkets are run by 7 different operators, and while similar in basic stocking, may vary in features not scored or measured by this analysis, such as quality or affordability.



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## FOOD AND NUTRITION ASSISTANCE

### Sites



#### SUMMER MEALS

Over 28,000 kids live in the 45th District, 25% of whom live in Priority Areas. The district served over 246,000 summer meals across 105 sites in 2016.



#### AFTER SCHOOL MEALS

46 after school meals sites serve the 45th District.



#### FOOD PANTRIES AND MEAL SITES

There are 71 sites across the 45th District that are served by the Maryland Food Bank.



#### SENIOR MEALS

Over 11,500 seniors live in the 45th District, 26% of whom live in Priority Areas. There are 9 Eating Together sites in the district serving 235 seniors.

## URBAN AGRICULTURE



#### FARMERS MARKETS

The Tuesday Market in Lauraville is in the 45th District. It accepts SNAP and some vendors accept WIC benefits.



#### URBAN FARMS

There are 8 urban farms in the 45th District.



#### COMMUNITY GARDENS

The 20 community gardens in the district may provide opportunities for household-level food access.

## HEALTHY FOOD ENVIRONMENT STRATEGY

Food environment mapping and analysis inform and guide BFPI's work. The 2018 food environment analysis led BFPI to refine its guiding Healthy Food Environment Strategy. The following citywide goals have applications at the state, city, and neighborhood levels. These maps and analyses are used to inform, create, and evaluate food policies. Together, BFPI agencies implement the following strategies:

- Support resident-driven processes to guide equitable food policy, programs and resources
- Improve small grocery, corner and convenience stores
- Retain and attract supermarkets
- Increase the ability of the public markets to anchor the healthy food environment
- Implement supply chain solutions that support healthy food distribution and small businesses
- Maximize the impact of federal nutrition assistance and meal programs
- Support urban agriculture, emphasizing historically disenfranchised populations and geographies
- Address transportation gaps that impact food access

## FOR MORE INFORMATION

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### FOOD ENVIRONMENT REPORT

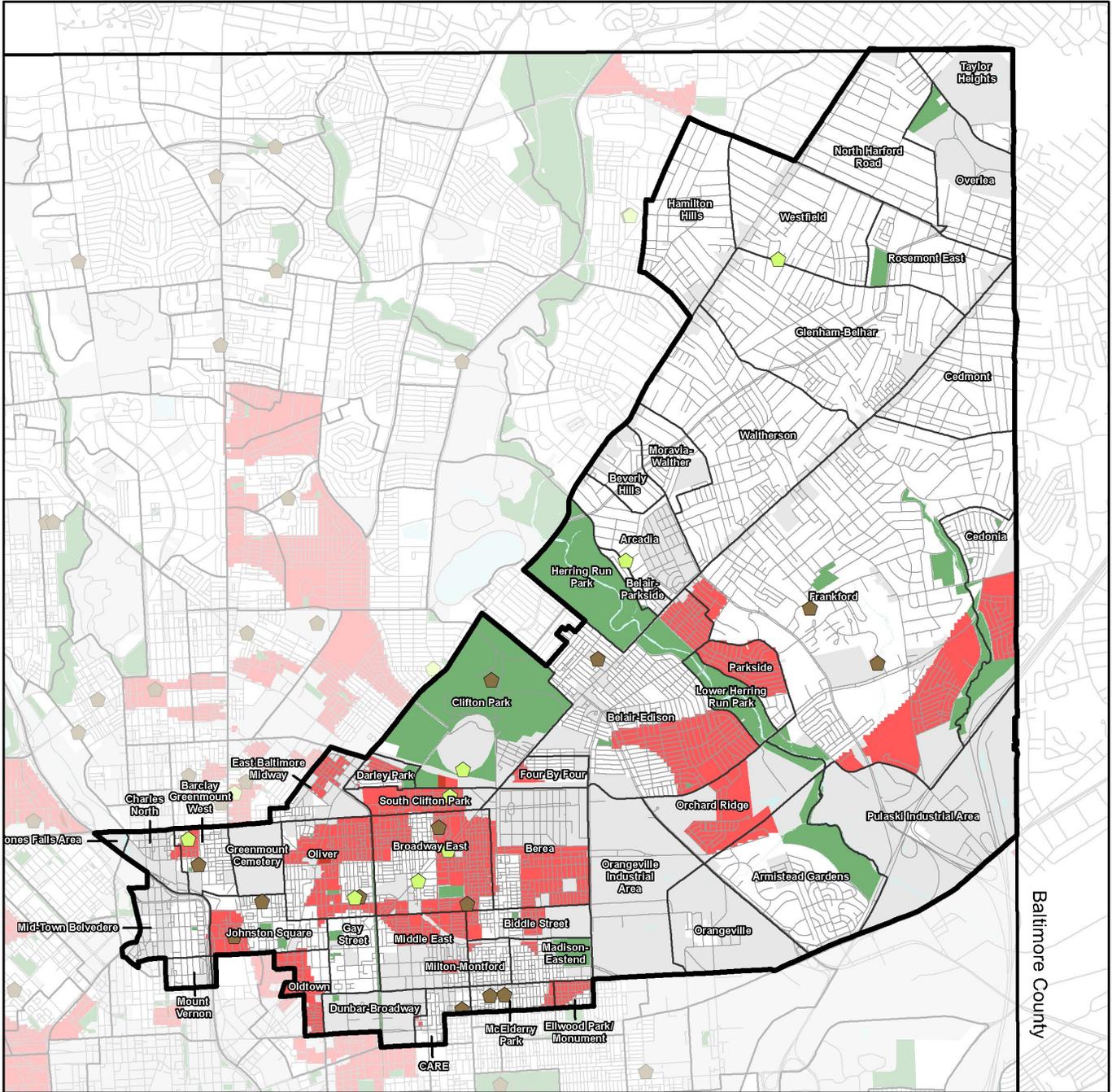
<https://planning.baltimorecity.gov/baltimore-food-policy-initiative/food-environment>

#### FOOTNOTES:

1. Chart displays 185% of Federal Poverty Level by count of residents adjusted for household size. Priority Area poverty calculations are based on household Median Income.
2. \*Per US Census categories, "Other" is a combination of American Indian, other, Hawaiian/Pacific Islander, and "Two or More".  
\*\*Hispanic is an ethnic classification that includes all races. There may be overlap between Hispanic and other racial categories.
3. Percent increases are based on citywide averages as data by district is limited.

# 2018 FOOD ENVIRONMENT MAP - DISTRICT 45

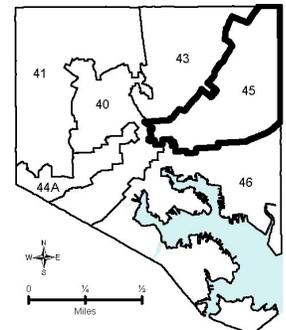
## NUTRITION ASSISTANCE



2018 Food Environment Map - District 45

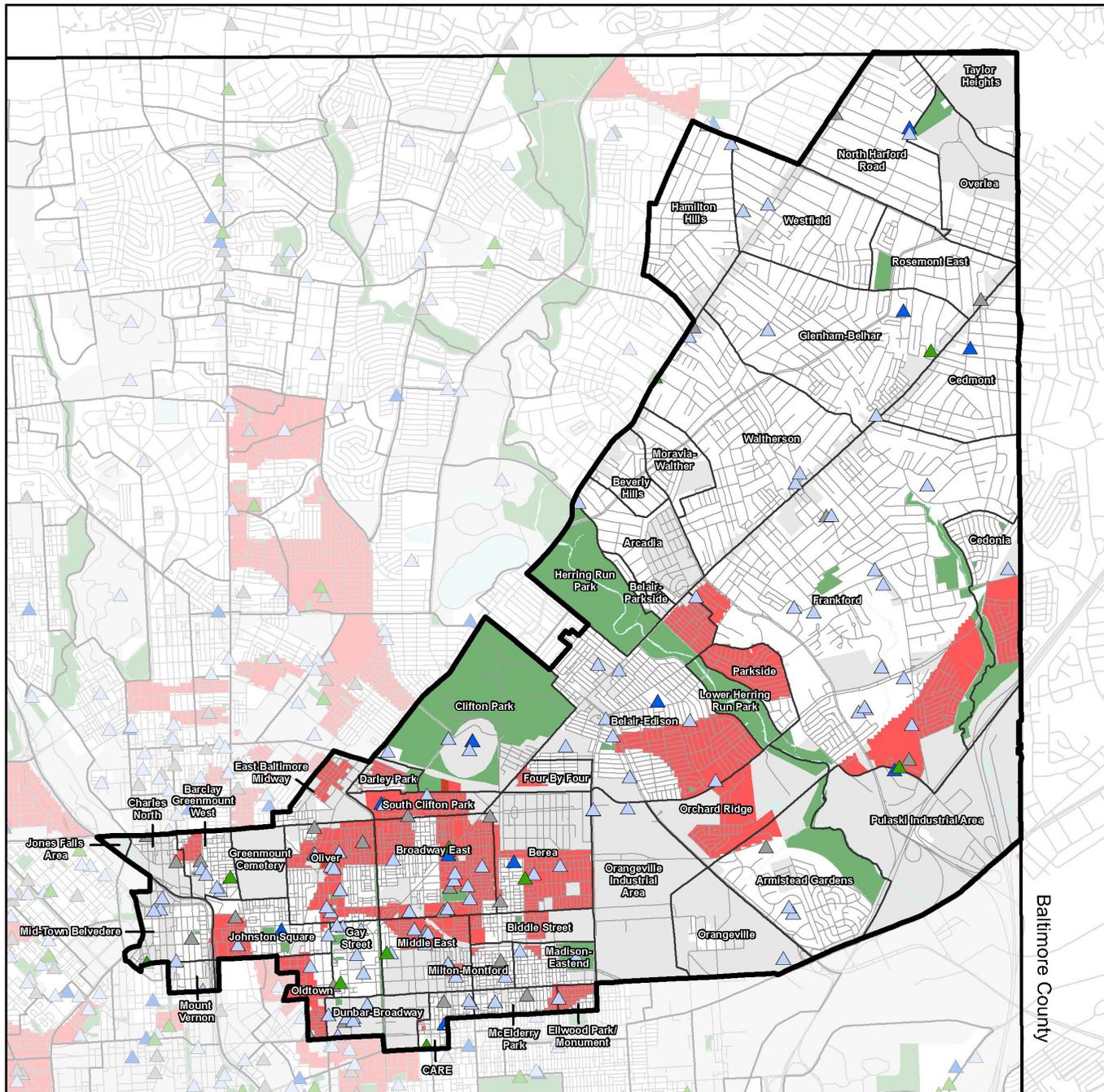
### Urban Agriculture

- Healthy Food Priority Areas
- Legislative Boundaries
- Neighborhood Boundaries
- Urban Farms (8)
- Community Gardens (13)
- Harbor, Lakes, & Streams
- Parks
- Non-Residential
- Streets



# 2018 FOOD ENVIRONMENT MAP - DISTRICT 45

## URBAN AGRICULTURE



2018 Food Environment Map - District 45

### Nutrition Assistance

- Healthy Food Priority Areas
- Legislative Boundaries
- Neighborhood Boundaries
- Harbor, Lakes, & Streams
- Parks
- Non-Residential
- Streets
- After School Meal Sites (46)
- Senior Meal Sites (9)
- Food Pantries and Meal Sites (71)
- Kids' Summer Meal Sites (105)

