### Background

- Built environment plays a crucial factor in nutritional access and tobacco product availability and advertisement
- CIFTR (Formerly known as NEAP) aims to create a longitudinal dataset of the food and tobacco retail environment in the city of Cleveland
- Eventually, the dataset will be used by researchers to help eliminate nutritional disparities and increase equitable food access for all Cleveland residents

### **Population**

- All Cleveland residents compromising of 34 defined neighborhoods by the Cleveland City Planning Commission
- Special focus on low socio-economic status neighborhoods due to increased volatility of nutritional landscape

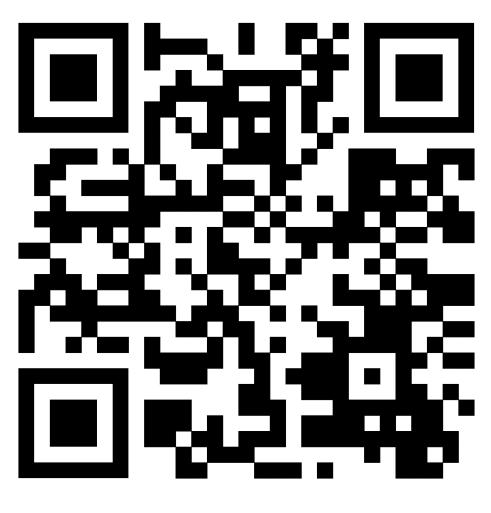
### **Learning Objectives**

- Perform field-level quantitative evaluation of the nutritional and tobacco landscape of Cleveland
- 2. Collect and maintain a comprehensive dataset using RedCap software
- 3. Understand the historical factors which contribute the residential and racial segregation of nutrition within Cleveland

### Activities

- Perform 'audits' at all large supermarkets, grocery stores, and corner stores while simultaneously 'groundtruthing' fast food retailers
- Utilizing RedCap to add information to the longitudinal dataset while performing quality checks and revisits

## Deliverables



Classification Sheet: Tobacco, Nicotine, and other Drugs

















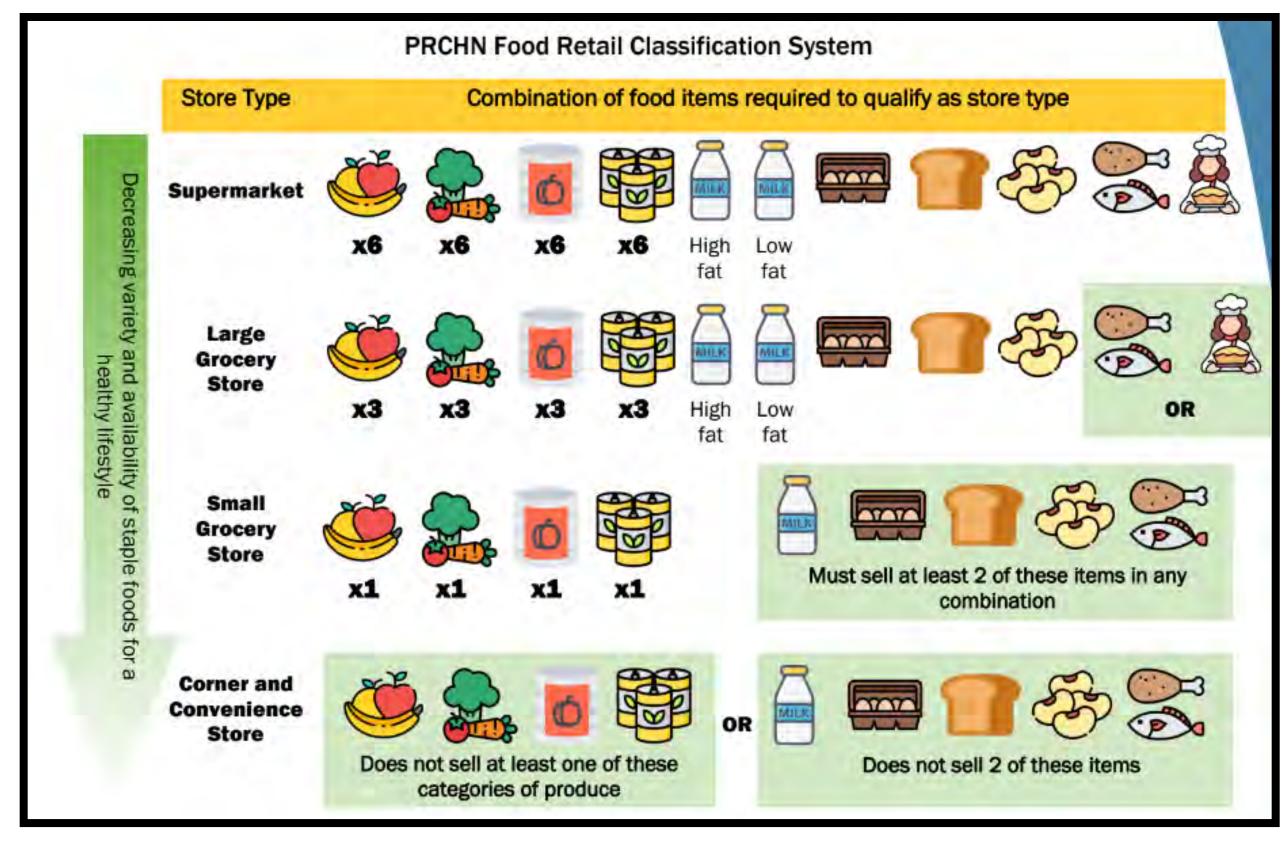
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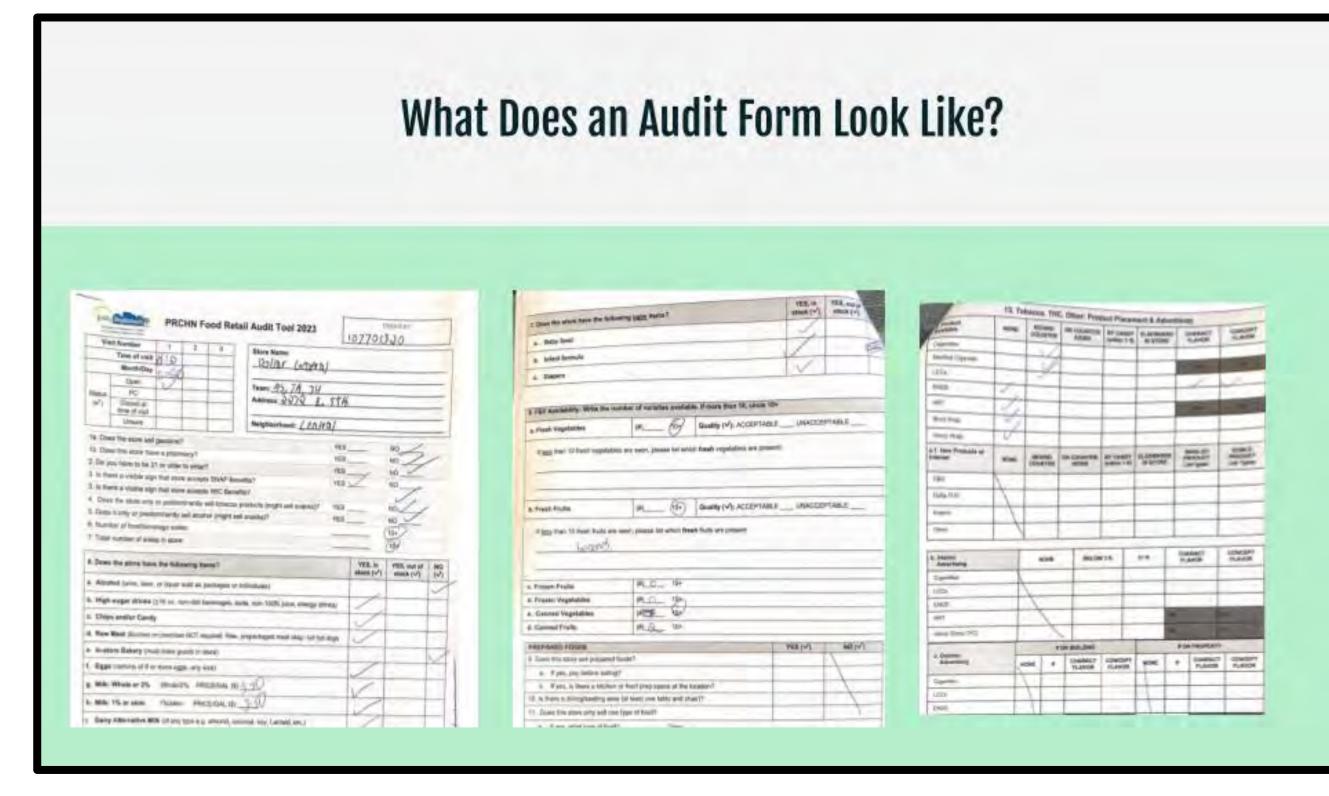
for Healthy Neighborhoods

at Case Western Reserve University

CASE WESTERN RESERVE



# determine retailer type.



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						2022 Observations			2023 Observations					Data Entry					Progress Dashboard				
Store ID	Retail Name	Address	Street	Zip Code	Neighborhood	Store Status 2022	Store Type	Audited or Not Audited 2022	In-store assessment completed?	If name has changed since 2022, document new name	Did you confirm the status through groundtruthing or using an internet search?	Classification 2023 as compared to 2022 (Store Status, Same or Different Name, Existing or new store). Example: "Open, Same, Existing"	Notes/Observations	Assessment form uploaded to Drive?	Data quality check completed?	in Redcap	Data entry initials	Data quality checks on REDCap complete?	REDCap data quality check initials	,	# total locations		
Groundtruth and r	perform in-store assessm	ent for the fo	llowing store	es. If a new st	ore is observed throu	igh groundtr	uthing, perform an in-st	ore assessment															
196400008	Family Dollar	11705	Bellaire	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						
196400016	Dollar General	12526	Bellaire	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						L
196400015	Dollar Tree	12709	Bellaire	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						
124500013	CVS Pharmacy	14025	Puritas	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						
124500012	Family Dollar	14035	Puritas	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						
124500025	Cigarette Mart	14037	Puritas	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	Genie Conv	Groundtruthing	0		Yes		Yes	SB						
124500011	Save-A-Lot	14041	Puritas	44135	Bellaire-Puritas	Open	Large Grocery Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						
124202006	Convenient Food Mart	14302	Puritas	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						
124202007	N & N Beverage	14606	Puritas	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						
124500017	Cleveland Deli and Beverage	14939	Puritas	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						
124500016	Sunoco	15009	Puritas	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						
124202012	Marc's	15030	Puritas	44135	Bellaire-Puritas	Open	Large Grocery Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						
124500021	Cleveland Smoke and Beverage	15649	Puritas	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						
124300006	Giant Mart	4202	W. 130th	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						
196400014	Walgreens Pharmacy	4281	W. 130th	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						
124300002	JJ Grab-N-Go	4282	W. 130th	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	-	Groundtruthing	0				Yes	SB						
124600011	Family Dollar	4576	W. 130th	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						
124600009	Mobil	4611	W. 130th	44135	Bellaire-Puritas	Open	Corner/convenience Store	Not Audited	No	-	Groundtruthing	тс		No		Yes	SB						
124600006	The Pantry	4677	W. 130th	44135	Bellaire-Puritas	Open	Corner/convenience Store	Audited	Yes	-	Groundtruthing	0		Yes		Yes	SB						
		_					Corner/convenience																

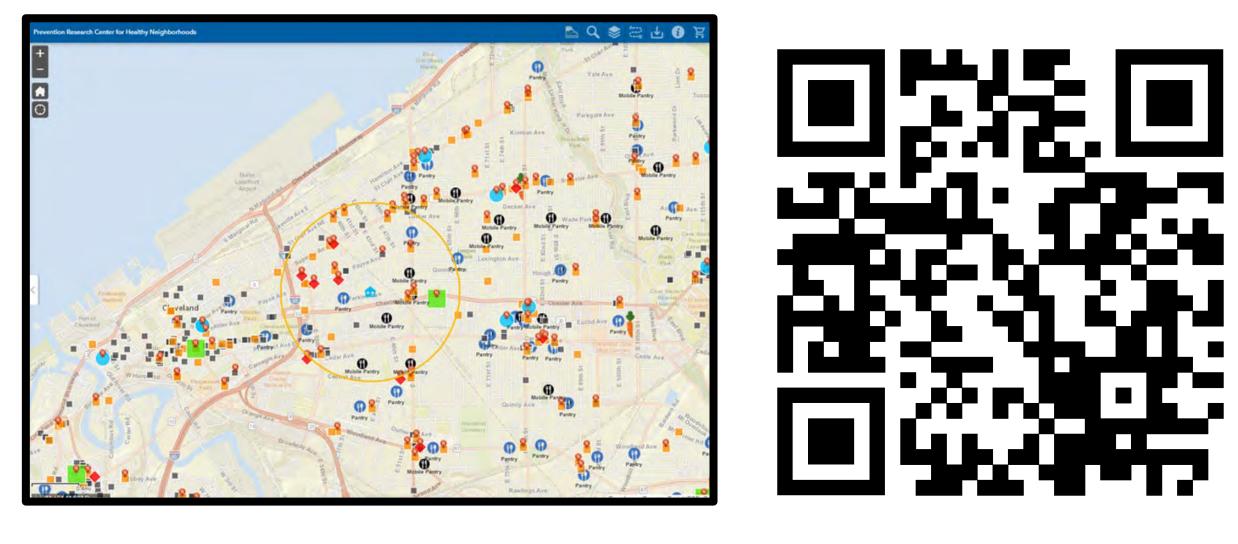
Figure 3: Example of 2023 Longitudinal Dataset.

Prevention Research Center for Healthy Neighborhoods at Case Western Reserve University (PRCHN), Department of Nutrition, Case Western Reserve University

# Methods & Results

Figure 1: Food retail classification system used in field to

Figure 2: Example of 2023 CIFTR audit form used in the field to evaluate food retailers.



code.

## **Public Health Implications**

- have access



### Freshfinder

Figure 4: Image of Freshfinder, an interactive GIS food access map with an accessible QR

## Lessons Learned

The nutritional landscape of Cleveland is segregated highlighted by the differential access to large supermarkets Tobacco and e-cigarette companies have found creative ways to market their product while leaving public health policy makers to play catch up

The past-in-present effects of redlining and racial discrimination on Cleveland's neighborhoods

The overarching public health goal is to eventually reduce the widespread disparity in nutritional access and the prevalence of tobacco usage in the Cleveland area Creating a longitudinal dataset will enable researchers to

• The incorporation of Freshfinder presents an opportunity to improve both health workers and nutritionists' awareness of their client's local environment

# Acknowledgments

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