



Clinic Study

-AIDS FOUNDATION HOUSTON

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Factors That Were Chosen

Factors Studied

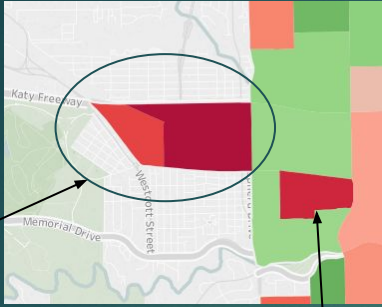
- Household Income:
- Unemployment:
- Adult Health (Fair to Poor):
- Age Less than 18:

Factors Online Research

Factor	Yes	No	Maybe	Facts
Household Income	X			"HIV prevalence rates in urban poverty areas were inversely related to annual household income—the lower the income, the greater the HIV prevalence rate". (CDC)
Unemployment	X			"People aged 55 and older accounted for 26% of all Americans living with diagnosed or undiagnosed HIV infection in 2013".(CDC)
Adult Health (fair to poor)		X		"In 2013, people aged 55 and older accounted for more than one-quarter (26%, or 319,900) of the estimated 1.2 million people living with diagnosed or undiagnosed HIV infection in the United States".
Age Less than 18			X	"In 2015, youth aged 13 to 24a accounted for 22% of all new HIV diagnoses in the United States". (CDC)

Mathematical Model

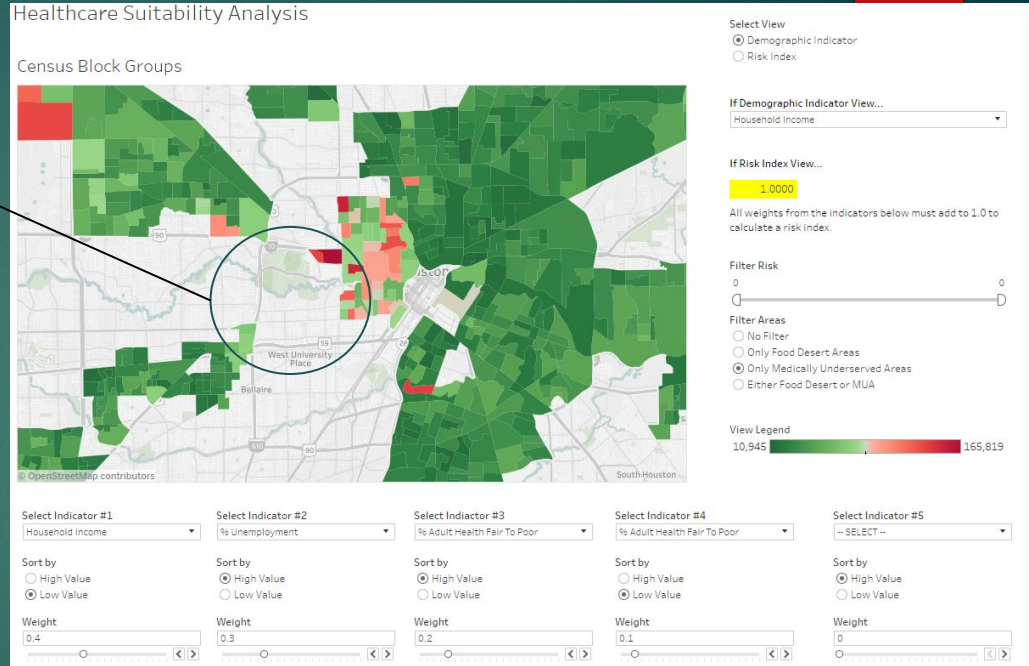
- We had two areas: Washington Ave and Durham Road
- The Washington area had most of the clinics



Durham Road

Factors:

- Household Income
- Unemployment
- Adult Health (fair to poor)
- Age Less than 18

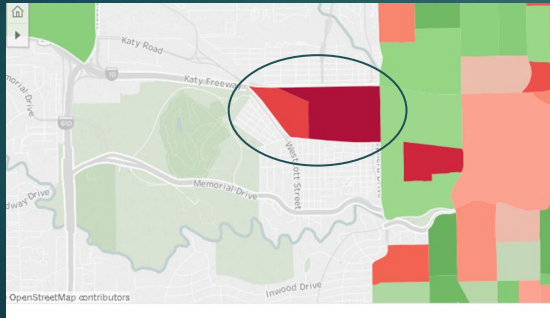


Google Maps
Version:



Areas We Studied

- ▶ 77007 Washington Ave



Factors

- ▶ Household Income: The area sort of mixed from high/middle income to even low income. The area had a bit of everything.
- ▶ Unemployment: The area seemed to not have a high unemployment rate, however there was still a homeless population surrounding the area.
- ▶ Adult Health (65 & older): The area seemed to have good adult health, but we also found older homeless individuals. This factor was mixed.
- ▶ Age less than 18: This factor was mixed in the area. However, this area is popular with young adults due to the many bars and hip dining options.



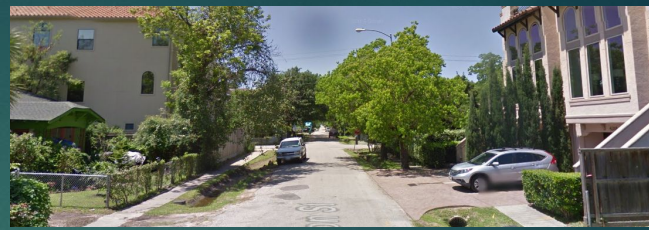
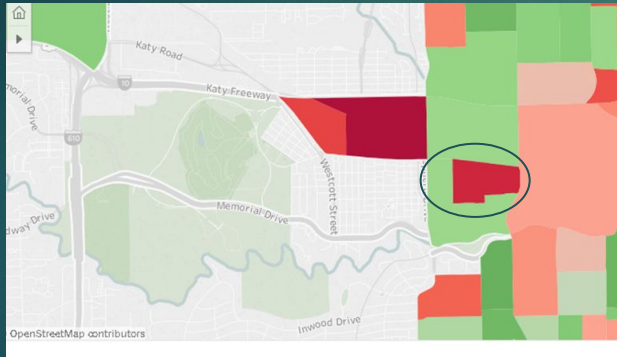
Clinics

- One clinic in this area, but there are more nearby. Transportation: Cars, in walking distance, bus stops



Areas We Studied

- 77007 Durham Rd Area / Rice Military Area



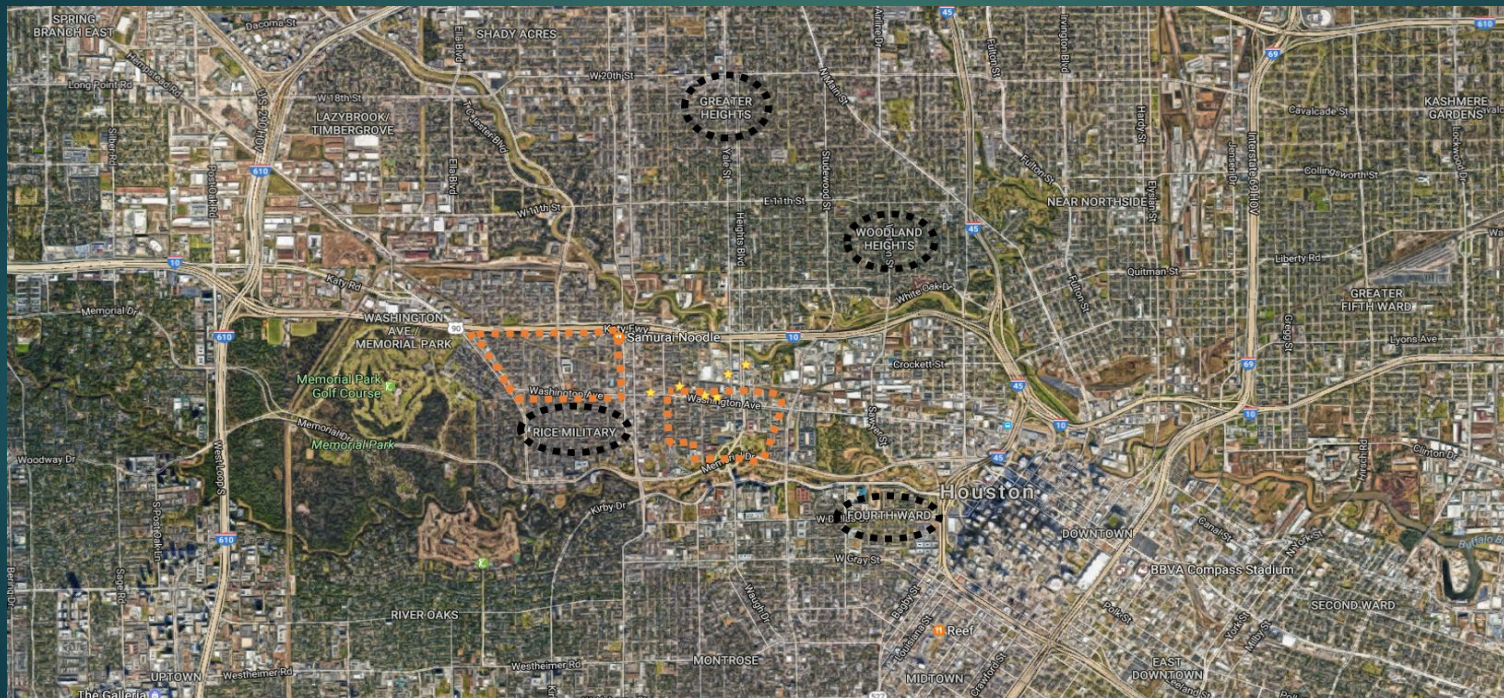
Factors

- ▶ Household Income: Same as the other area this area sort of mixed from high/middle income to even low income. The area had a bit of everything.
- ▶ Unemployment: Not much in this area
- ▶ Adult Health (65 & older): The area seemed to have good adult health.
- ▶ Age less than 18: Not much prevalence in this area, however the Washington Ave area is near. So teens may go to that area where there is many bars and hip dining options.

Clinics

- No clinics in this area, but there are clinics that are nearby. Transportation: mostly cars, also in walking distance

Neighborhoods That Are Near



Predictive Analytics

- Pattern of incidence for 77007 zip code since 2005:

2005 Diagnoses: 13

2006 Diagnoses: 32

2007 Diagnoses: 13

2008 Diagnoses: 10

2009 Diagnoses: 20

2010 Diagnoses: 13

2011 Diagnoses: 21

2012 Diagnoses: 19

We find no reason to expect a high level of incidence.



The numbers represent the amount of incidence in this area for each year

Clinic Results & Recommendations



► Results:

Clinics	HIV testing ?	Specialist?	Who do they refer to?	Do they need help?
AFC Urgent Care	Yes, Doctor	No	None	Yes
Good Neighbor Healthcare	Yes, Nurses	No	Yes, have a list of places	No
Memorial Heights	Yes	Yes	None	No
Washington Family Practice	Yes	No	Yes, refers to a Physician	No
Dr. Erin Whitney's Clinic	Yes	No	Yes refers to a lab	Yes
Center Street Medical Clinic	No	No	None	Yes
Men's T Clinic	No	No	None	Yes

HIV Tester Information

Clinics v.s Mobile Clinics

- ▶ Some people don't like going to a regular clinic, one major reason is that they don't want to be seen going there.
- ▶ Most people would rather go to an event or mobile clinic, because the reason for them going might not be for HIV but could be for something else

Do their clinics move around and how do they track them ?

- ▶ They track their activity
- ▶ Their clinics have been around along time, so not much moving

Info about our area

- ▶ Haven't done much testing in this area
- ▶ Usual depends on their funding to go to other areas
- ▶ New places: it takes prep, research, and time to go to a new area
 - It's a slow process
 - Plus going to familiar spots are easier than going to a whole new place, making it hard to move to a new location
 - Some new places are overlooked because there are so many places

Goal for HIV testers: To go to places that have the highest prevalence

- So places with low prevalence are not tested as much

