



**CityTech** Collaborative

INSTITUTE FOR  
HOUSING STUDIES AT  
DEPAUL UNIVERSITY

MAPSCORPS

## **REPORT SUMMARY**

### **Connect Chicago 2019 Project: Understanding Displacement of Community Assets**

The displacement of vulnerable populations and the institutions that serve them has been an ongoing issue in cities for decades and has only grown in significance in recent years. In Chicago, displacement pressures can come from multiple directions ranging from increased demand for housing to histories of segregation and disinvestment.

While much attention is paid to the ways that these types of displacement pressures affect housing, other types of neighborhood institutions can be affected by similar pressures. As the demographic and economic composition of neighborhoods change, businesses and other institutions may be forced to adapt as well. In areas with rising real estate values, changing ownership of commercial real estate and increasing rents may also affect these institutions. As the COVID-19 pandemic impacts neighborhoods across Chicago, the vulnerability of these types of neighborhood institutions is growing as shelter-in-place orders affect the ability of these businesses to generate revenue and directly serve their constituents.

Communities struggling to develop strategies to support these institutions lack data on neighborhood businesses and, more critically, existing data can overlook key neighborhood institutions and assets that are essential to the cultural fabric and health of a community, such as places of worship, community centers, and health clinics.

Through the **City Tech Connect Chicago Innovation Program**, the **Institute for Housing Studies at DePaul University (IHS)** and **MAPSCorps** teamed up to create data indicators, sustainable processes, and tools to help community organizations access, analyze, and compare neighborhood-level data that can be leveraged to support local policies and issues.

The team leveraged a unique, ongoing neighborhood data collection effort to access otherwise impossible-to-obtain data on neighborhood cultural and commercial assets to develop best practices for data collection and management, basic data indicators, and a web-based platform to engage communities on related issues. The resulting tools increase users' understanding of the current and changing landscape of neighborhoods; highlight the relationship between these changes and pressures driving gentrification, displacement, and disinvestment; and enable community stakeholders and public officials to develop policies that preserve and improve neighborhoods while creating a more equitable city.

[View the tool in action.](#)

\*\*\*

CHICAGO, IL • CITYTECH.ORG



**CityTech** Collaborative

INSTITUTE FOR  
HOUSING STUDIES AT  
DEPAUL UNIVERSITY

MAPSCORPS

## COMPLETE REPORT

### DePaul Institute for Housing Studies and MAPSCorps Create Tools to Understand Displacement of Community Assets

#### *2019 City Tech Connect Chicago Innovation Program Winners Use Data to Address Gentrification, Displacement, and Disinvestment*

The displacement of vulnerable populations and the institutions that serve them has been an ongoing issue in cities for decades and has only grown in significance in recent years. In Chicago, displacement pressures can come from multiple directions. In some neighborhoods, increased demand for housing has led to rising rents and the loss of affordable housing which in turn puts increased pressure on long-time residents, particularly those with lower incomes. In other parts of the city, a history of segregation and disinvestment has led to a deteriorating housing stock and long-term population loss as middle- and moderate-income households leave neighborhoods.

While much attention is paid to the ways that these types of displacement pressures affect housing, other types of neighborhood institutions can be affected by similar pressures. As the demographic and economic composition of neighborhoods change, businesses and other institutions such as churches or community centers may be forced to adapt. In areas with rising real estate values, changing ownership of commercial real estate and increasing rents may also affect these institutions. As the COVID-19 pandemic impacts neighborhoods across Chicago, the vulnerability of these types of neighborhood institutions is growing as shelter-in-place orders affect the ability of these businesses to generate revenue and directly serve their constituents.

Communities struggling to develop strategies to support these institutions lack data on neighborhood businesses and, more critically, existing data can overlook key neighborhood institutions and assets that are essential to the cultural fabric and health of a community, such as places of worship, community centers, and health clinics.

In an effort to bridge these data and information gaps, the Institute for Housing Studies at DePaul University (IHS) and MAPSCorps piloted an innovative collaboration to develop a roadmap to create new data and tools to support community engagement strategies and policy development around the preservation of community assets in Chicago neighborhoods. Funded by the City Tech Connect Chicago Innovation Program, IHS and MAPSCorps engaged community stakeholders to develop basic indicators and a prototype web-based data visualization that overlays market pressures and neighborhood asset mix (businesses and organizations).

\*\*\*

CHICAGO, IL • CITYTECH.ORG



**CityTech** Collaborative

INSTITUTE FOR  
HOUSING STUDIES AT  
DEPAUL UNIVERSITY

MAPSCORPS

### ***The Collaboration***

The project 1) leveraged a unique, ongoing neighborhood data collection effort to access otherwise impossible-to-obtain data on neighborhood cultural and commercial assets; 2) created recommendations and best practices for data collection and management going forward that would allow for stable and consistent updating of data indicators over time; 3) developed basic data indicators and a prototype web-based platform to engage communities on this issue; and 4) identified potential applications for this type of data that might inform ongoing community engagement and policy strategies to mitigate the impact of displacement on cultural and commercial assets.

MAPSCorps data aims to address the needs of residents in high-poverty communities who often lack information about where to go for the resources they need most. The University of Chicago's Lindau Lab found that up to a third of assets in high-poverty neighborhoods are not found in search databases and search engines, such as Google and Dunn and Bradstreet. Due to this information gap, organizations and residents overlook important resources in their community. Using MAPSCorps' mobile MapApp, supervised youth inventory and categorize data about community assets (businesses and organizations) that can be used to help improve the health and vitality of Chicago communities. Via the [MAPSCorps](#) site and the Chicago Health Atlas, a variety of stakeholders use these annually-updated data to understand the distribution of assets in their community and to help connect people to nearby services.

IHS's recent work has focused on using data to develop a leading indicator to identify neighborhoods at risk of rapid price appreciation, lost housing affordability, and potential displacement and to inform the creation of proactive, inclusive, and responsive strategies to support stability in the affordable housing stock and limit potential displacement of current residents. This work gives housing and community development stakeholders 1) a vital lens to understand neighborhood-level displacement and housing affordability pressures and 2) a framework for the development of proactive strategies to preserve affordability near planned public investments that are both sensitive and responsive to neighborhood needs.

The project team worked with Elevated Chicago community partners to test the data indicators and web-based tool and to learn more about how this type of data could better inform their work. Elevated Chicago is a collaboration of community-based and regional organizations that leverages Equitable Transit Oriented Development strategies to create a more racially equitable city and region. One of Elevated Chicago's key priorities is mitigating displacement around their target transit sites and developing strategies to preserve existing communities and neighborhood assets. Elevated Chicago made an ideal partner for this project because both IHS and MAPSCorps have long relationships with the initiative and many of the groups involved.





**CityTech** Collaborative

INSTITUTE FOR  
HOUSING STUDIES AT  
DEPAUL UNIVERSITY

MAPSCORPS

The partnership team was funded through City Tech's Connect Chicago Innovation Program. City Tech is an urban solutions accelerator that tackles problems too big for any single sector or organization to solve alone. Because traditional models of technology development and diffusion are no longer sufficient to meet rapidly-evolving needs and capabilities, multiparty innovation is critical to create next-generation tools and solutions. City Tech's shared its expertise in creating cross-sector teams to launch scalable, collaboratively developed solutions by hosting an initial concept refinement workshop with the IHS and MAPSCorps team.

The Connect Chicago Innovation Program originated as a platform to support collaborative, new ideas to increase tech access, skills, and engagement across Chicago. The donor-advised fund is supported by Microsoft, Comcast, Sprint, the Lenovo Foundation, Gogo, Clarity Partners, and the John D. and Catherine T. MacArthur Foundation. The project proposed by the Institute for Housing Studies and MAPSCorps was chosen by a selection committee comprised of the donors and other local stakeholders such as the City of Chicago.

### ***What We Learned***

**Data discovery** - The first step of the project was for IHS staff to explore MAPSCorps data to understand the structure of the data and how it is collected. The review helped IHS to identify opportunities to use the data to build indicators and make recommendations to improve data collection to support the development of additional applications of the data. Working iteratively with MAPSCorps staff, the IHS team conducted a deep review and made recommendations to 1) improve the consistency and comparability of data year-over-year and 2) adopt practices that improve the coverage of businesses that may change status and addresses that sit vacant for a period of time. Based on lessons from this project, MAPSCorps is exploring protocols to continue to improve data collection and data compatibility for innovative applications. Other organizations who are exploring collaborations that involve joining datasets for analysis and insights should devote extra time to assess data limitations.

**Data indicator and visualization development** - Once IHS staff reviewed the data, they then started to develop ways to analyze and visualize the information. IHS developed prototype data indicators and a visualization that used 1) a snapshot of MAPSCorps data to highlight the current mix of commercial and community assets in each of the Elevated eTOD sites and 2) IHS data to highlight market conditions around each site to help practitioners consider potential housing market pressures for local businesses and institutions. The goal was to use this prototype data tool to spark discussions among key stakeholders around how different types of businesses may experience displacement pressure, what policy remedies may exist or be needed to support community assets and businesses amid these pressures, and what other data and research are needed to achieve these policy and programmatic priorities.

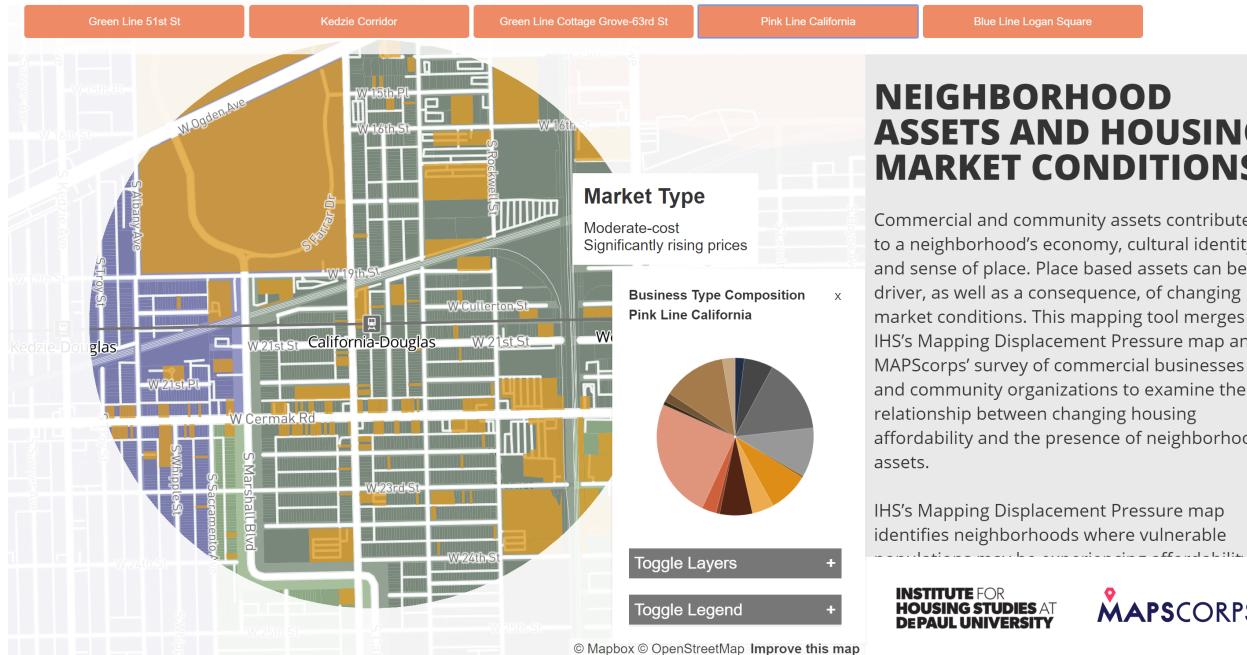




CityTech Collaborative

INSTITUTE FOR  
HOUSING STUDIES AT  
DEPAUL UNIVERSITY

MAPSCORPS



## NEIGHBORHOOD ASSETS AND HOUSING MARKET CONDITIONS

Commercial and community assets contribute to a neighborhood's economy, cultural identity, and sense of place. Place based assets can be a driver, as well as a consequence, of changing market conditions. This mapping tool merges IHS's Mapping Displacement Pressure map and MAPSCorps' survey of commercial businesses and community organizations to examine the relationship between changing housing affordability and the presence of neighborhood assets.

IHS's Mapping Displacement Pressure map identifies neighborhoods where vulnerable

INSTITUTE FOR  
HOUSING STUDIES AT  
DEPAUL UNIVERSITY

MAPSCORPS

**Community input** – Using the prototype data indicators and visualization as a starting point for the conversation, IHS and MAPSCorps engaged Elevated Chicago partners and other issue-area stakeholders to better understand how the stability of commercial and community assets are impacted by market pressures that lead to residential displacement and how these issues manifest differently across neighborhoods. This was done through direct engagement with on-the-ground partners and through a convening of stakeholders hosted by IHS and MAPSCorps.

Elevated Chicago team members noted how market pressures have affected specific assets in their eHUB communities. They highlighted the relocation of Daley's Restaurant near the 63<sup>rd</sup>/Cottage Grove station as an example of preserving a long-time neighborhood business. They also highlighted efforts to repurpose the closed Overton Elementary School in Bronzeville near the Elevated Chicago's 47st St eHUB. They also sadly noted the many businesses that have been lost, particularly near the Logan Square eHUB.

Many critical points surfaced from these stakeholder conversations, and a common theme was that real estate market pressures can impact the local community and commercial assets in different ways within a community and that this variation can make policy interventions challenging. Much like residents, institutions and business can be impacted by rising costs and changing neighborhood demographics and preferences but each asset type – whether it's retail, educational, public health, arts and culture, etc. – can represent profoundly different policy spaces and different challenges.





For example, feedback from stakeholders in East Garfield Park indicated that the diversity of retail establishments and commercial landlords made it difficult to develop strategies for part of the community, but knowing locations of industrial and warehouse spaces in the neighborhood could help inform workforce development strategies. Conversely, stakeholders in Little Village were interested in learning more about local businesses and commercial building owners to better coordinate outreach efforts and bring local business owners into neighborhood networks. Some noted that data on the mix of assets in the community could inform strategies to attract new businesses that are aligned with community needs.



*Photo Caption: The Connect Chicago Innovation Program winners met with City Tech and community experts on July 18, 2019 to workshop the initial project concept.*

Given this complex issue and policy environment, stakeholders discussed what might be needed to best support community asset retention-related activities more broadly. These opportunities may include:

- Developing an inventory of commercial and community assets present in a neighborhood
- Creating an indicator to understand the composition of commercial and community asset types
- Creating a resource to facilitate outreach to and engagement with local commercial and community institutions



**CityTech** Collaborative

**INSTITUTE FOR  
HOUSING STUDIES AT  
DEPAUL UNIVERSITY**

**MAPSCORPS**

- Connecting information on the mix of neighborhood assets to ongoing efforts such as comprehensive community development work, neighborhood quality-of-life planning, participatory budgeting at the ward level, and the development of eTOD strategies
- Continuing engagement with community partners to get feedback on data and leverage local knowledge

### ***What's Next***

Due to COVID-19, local businesses and organizations face unprecedented financial stress and potential closure. Now more than ever, a hyper-local focus on businesses that may be more vulnerable in the current crisis (due to previous market pressures) is essential to understand potential community economic and health impact and to inform recovery efforts. In 2020, IHS will continue to work with Elevated Chicago partners to understand potential applications of this data indicator and tool. Based on stakeholder input, IHS and MAPSCorps will explore opportunities to refine a data pipeline and update data indicators and the visualization tool to better understand the impact of COVID-19 on community assets and to support post-COVID-19 neighborhood revitalization.

\*\*\*

CHICAGO, IL • CITYTECH.ORG