

# Mobility and Essential Travels in Chicago During COVID-19

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# COVID-19 Deaths Overview in Chicago (Last Updated May 11, 2020)

	Deaths	% Total Deaths
Chicago	1,400	100%
AGE		
0-17	0	0.0%
18-29	12	0.9%
30-39	26	1.9%
40-49	72	5.1%
50-59	158	11.3%
60-69	293	20.9%
70+	839	59.9%
RACE		
White	260	19.0%
Latinx	358	26.2%
Black	665	48.7%
Asian	66	4.8%

Source: <https://www.chicago.gov/city/en/sites/covid-19/home/latest-data/2020-05-11.html>

# Top Five Chicago Communities with Highest Number of COVID-19 Deaths (Last Updated May 11, 2020)

Community	COVID-19 Deaths	% of Total Deaths	Deaths per 10,000 Residents
South Shore	80	5.7%	15.9
Austin	67	4.8%	7.0
South Lawndale (Little Village)	55	3.9%	7.3
West Ridge	53	3.8%	7.0
Uptown	51	3.6%	8.8
Total	306	29.1%	

Source: <https://covid19neighborhoods.southsideweekly.com/>

# Key Findings

- As of May 11, 2020, these top five neighborhoods, South Shore, Austin, South Lawndale, West Ridge, and Uptown reported a concentration of 29.1% of COVID-19 deaths. The COVID-19 death data shows people of color are disproportionately dying from COVID-19 in Chicago. There is an equity gap that contributes to the disease's spread and toll on which communities have experienced the highest number of deaths. Four out of the five communities include Vision Zero high crash corridors, except South Lawndale. These locations are already identified by the city and should be highlighted to improve transportation access and safety for people who live and travel within these communities.
- A relationship between the communities hit hardest by COVID-19 is communities like South Shore, Austin, and South Lawndale are majority Black or Latinx. People living in these communities who have essential jobs are traveling to get to and from work. According to CMAP's essential workers analysis, "more than half (54.1%) of essential workers are people of color compared to 43.9% of all regional workers".
- The stay at home order has impacted how and where people are traveling. Many people have lost their jobs, others switched to working from home, and there are essential workers who continue commuting to their jobs. Essential destinations where people are still traveling to like jobs, grocery stores, hospitals, nursing homes, and public parks should be prioritized to make trips safe and accessible moving forward by improving and investing in walking, biking, and transit.
- CTA rail ridership change has dropped drastically systemwide, but CTA stations in south and west side where there is a concentration of essential workers have not seen such a drastic decrease compared to the north side CTA stations because people still rely on public transit to travel.
- With less cars on the road, the number of red camera tickets issued has decreased city-wide since the stay at home order. The number of speed camera tickets issued have experienced a major increase city-wide as a result of less cars on the road.
- The number of car, pedestrian and bicycle crashes reported since the stay at home order has decreased city-wide from less cars being on the road compared to the number of crashes reported in 2019. In the south and west side communities about 100 or more car crashes still happened, while in the north side communities there were under 100 car crashes reported in 2020.

# South Shore

## Racial Demographics (ACS 2013-2017)

(Total Population: 50,418)

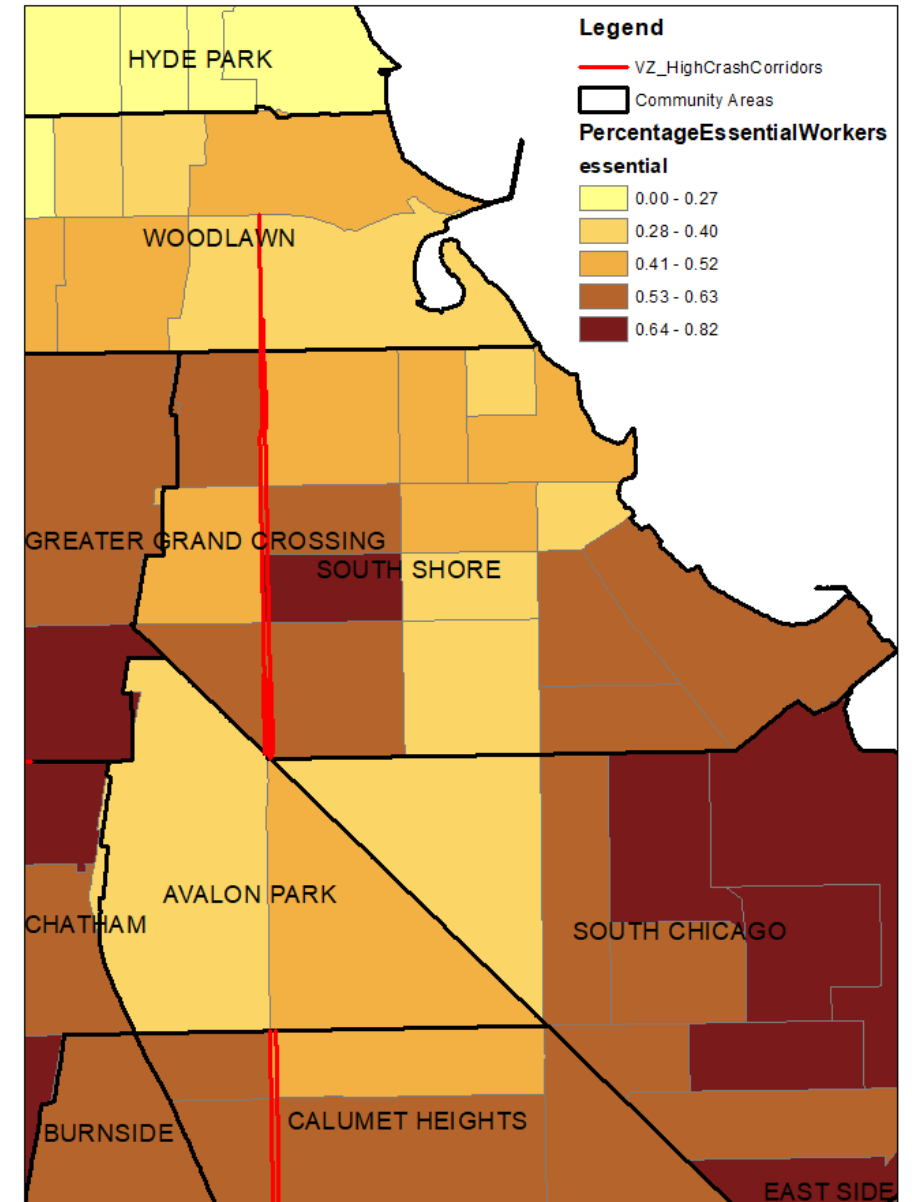
- White: 1,459 or 2.9%
- Latinx: 660 or 1.3%
- Black: 47,315 or 93.8%
- Asian: 270 or 1.4%

## Age Cohorts (ACS 2013-2017)

- 19 and under: 13,107 or 26.0%
- 20 to 34: 10,186 or 20.2%
- 35 to 49: 9,773 or 19.4%
- 50 to 64: 10,437 or 20.7%
- 65 to 74: 3,663 or 7.3%
- 75 and older: 3,252 or 6.4%

## High Crash Corridor

- High crash corridor #25 Stony Island Avenue from 63<sup>rd</sup> Street to 79<sup>th</sup> Street



# Essential Destinations

## Number of Grocery Stores

- 5 grocery stores in proximity to the high crash corridor

## Parks

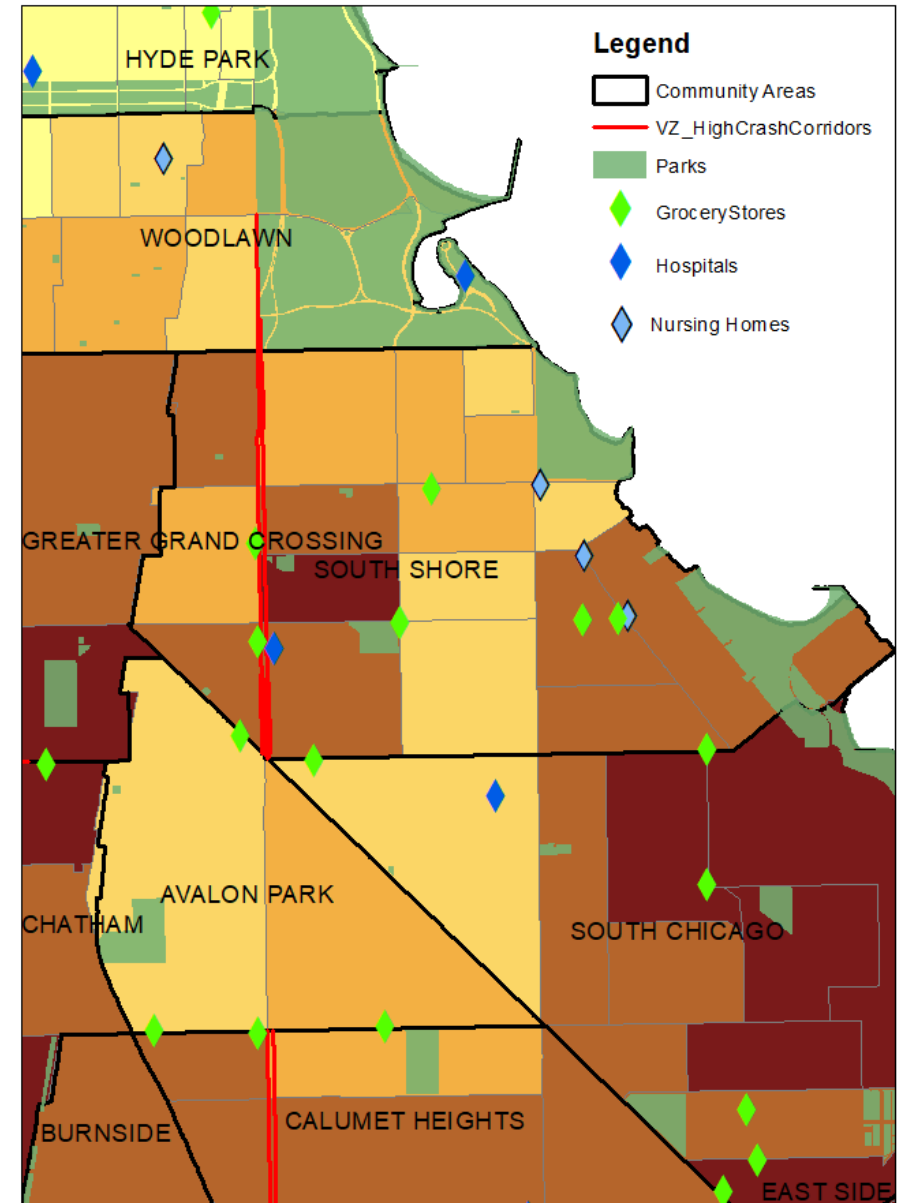
- Woodhull (Ross) Park at 7340 S East End Avenue
- Rosenblum Park at 2000 E 75<sup>th</sup> Street

## Hospitals

- Jackson Park Hospital at 7531 S Stony Island Avenue
- South Shore Hospital at 8012 S Crandon Avenue

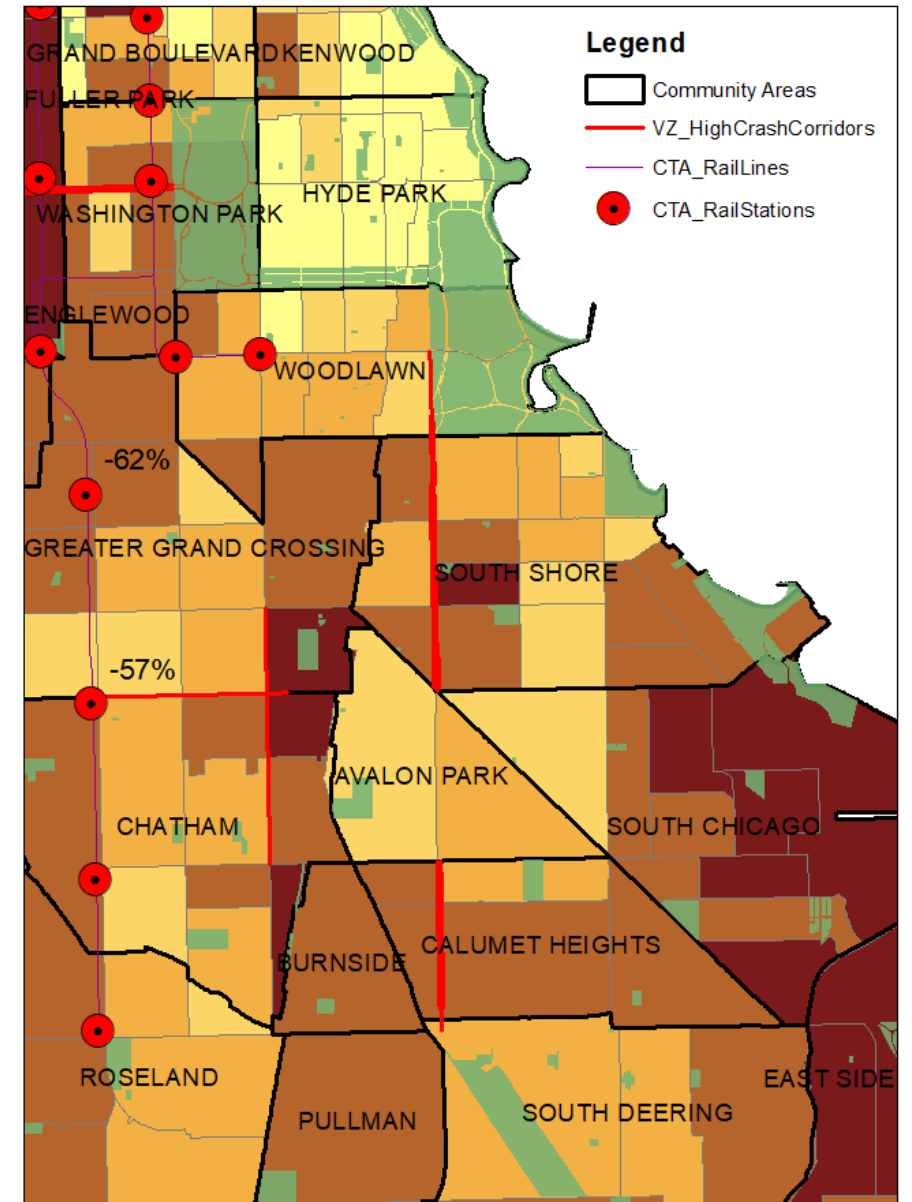
## Nursing Homes

- Symphony South Shore Nursing Home at 2425 E 71<sup>st</sup> Street
- Villa at Windsor Park Nursing Home at 2649 E 75<sup>th</sup> Street
- Waterfront Terrace Nursing Home at 7750 S Shore Drive



# CTA Rail Ridership Change After Shutdown from March 22-28, 2020

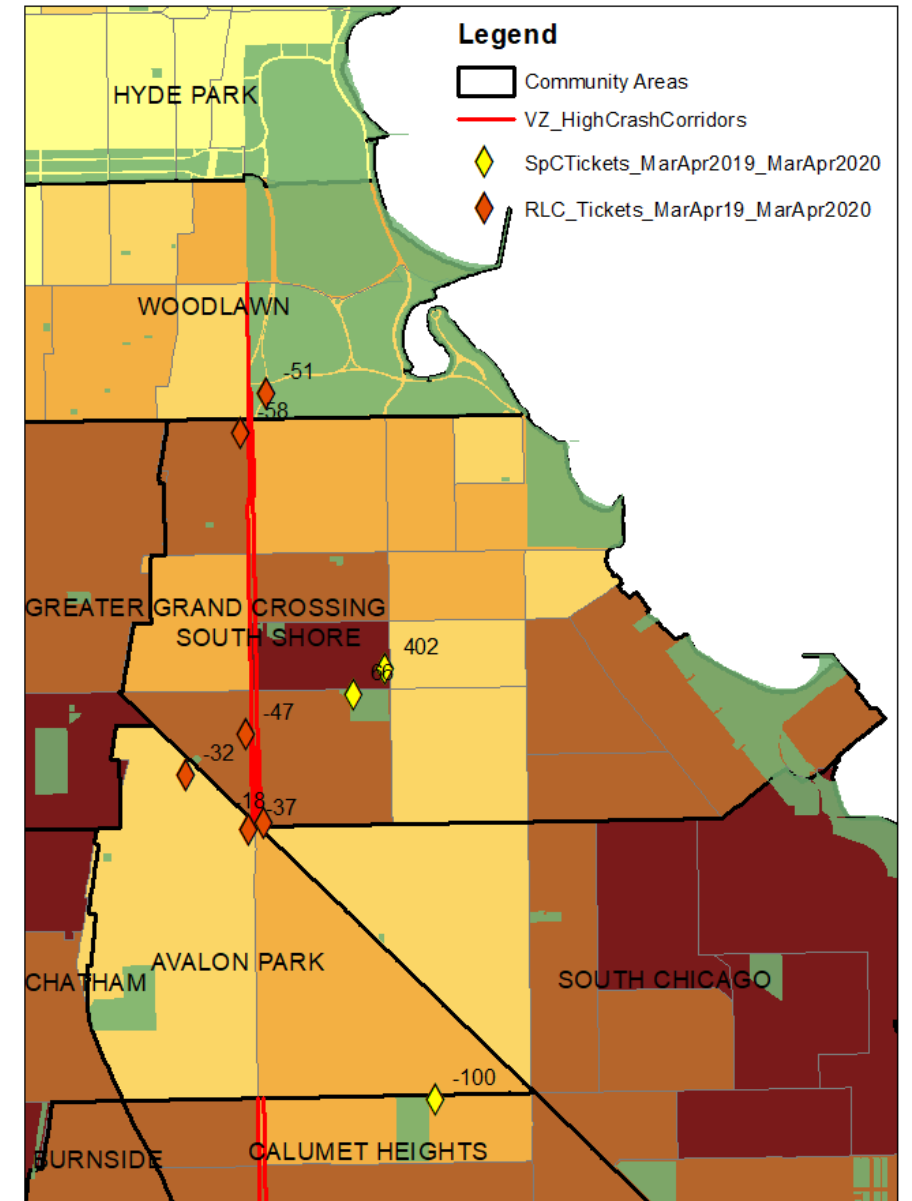
- CTA 69<sup>th</sup> red line station ridership decreased by 62%
- CTA 79<sup>th</sup> red line station ridership decreased by 57%



# Red Light Camera and Speed Camera Tickets from March 20 – April 21, 2019 and March 20 – April 21, 2020

Most red-light cameras in South Shore decreased their number of tickets while speed cameras increased their number of tickets.

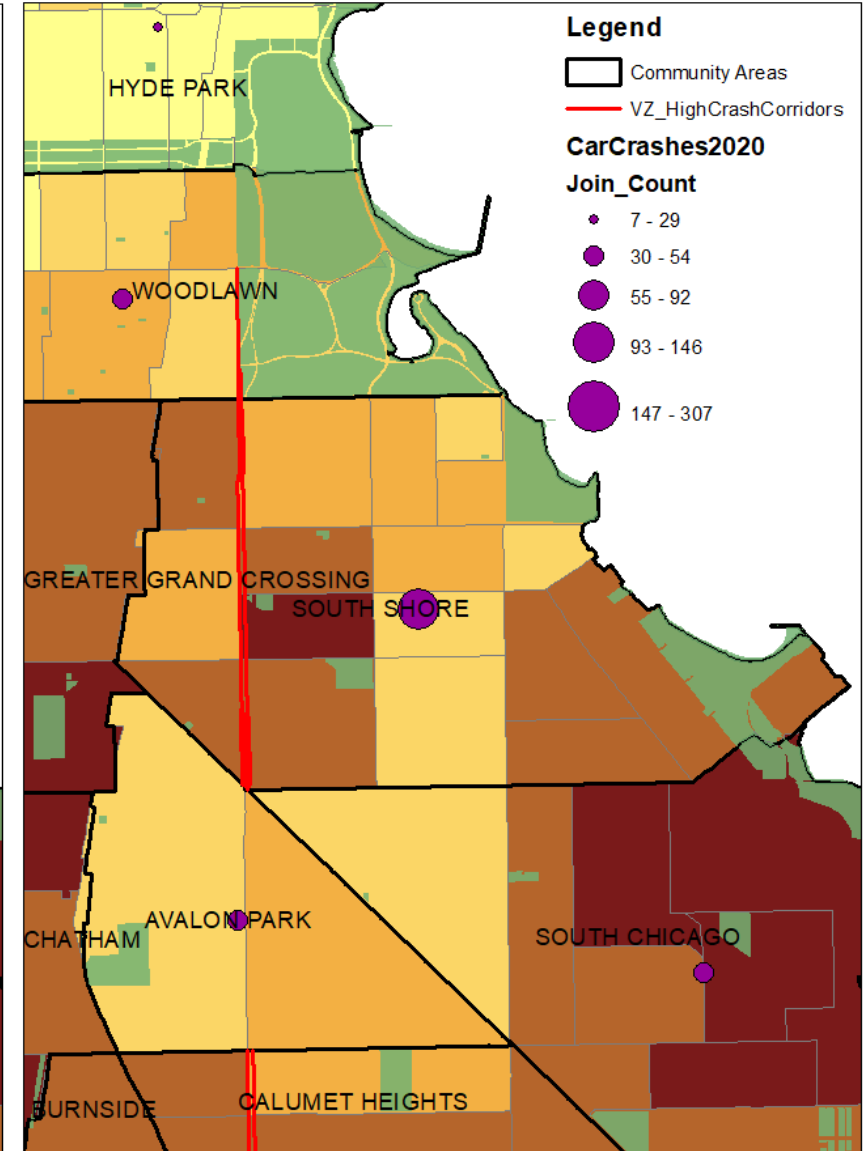
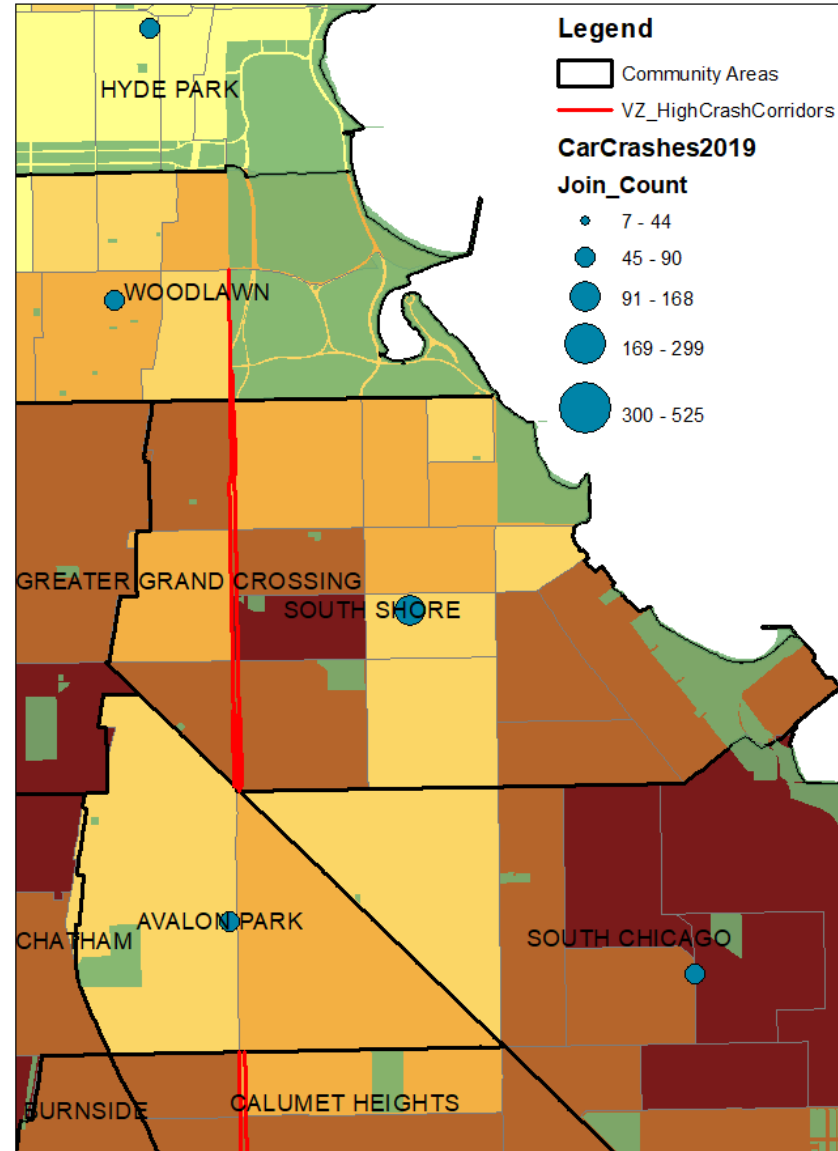
- The red-light camera tickets issued at 6700 S Stony Island Avenue decreased by 58% from 531 to 224 tickets.
- The red-light camera tickets issued at 7600 S Stony Island Avenue decreased by 47% from 900 to 481 tickets.
- The red-light camera tickets issued at 7900 S Stony Island Avenue decreased by 37% from 46 to 29 tickets.
- The red-light camera tickets issued at 1600 E 79<sup>th</sup> Street decreased by 18% from 159 to 130 tickets.
- The speed camera tickets issued at 1901 E 75<sup>th</sup> Street increased by 66% from 630 to 1,043 tickets.
- The speed camera tickets issued at 7422 S Jeffery Street increased by 402% from 183 to 919 tickets.





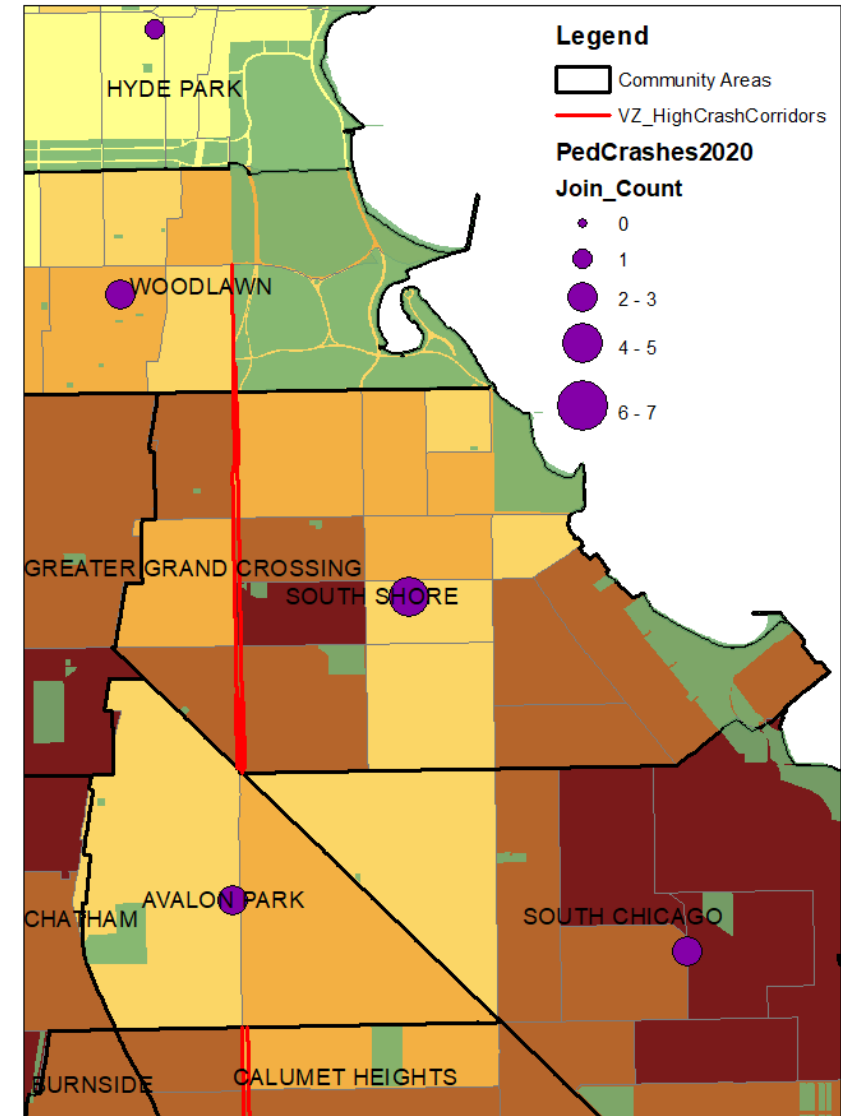
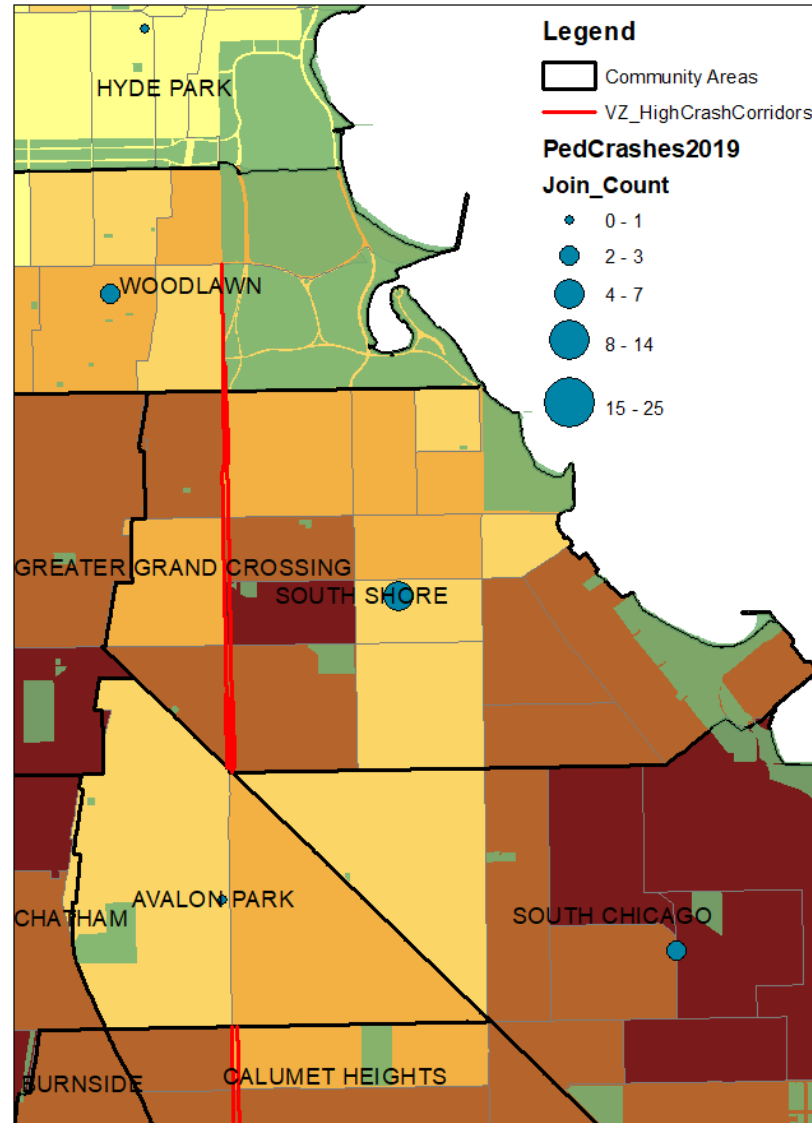
# Car Crashes from March 20 – April 21, 2019 and March 20 – April 21, 2020

- Car crashes in 2019: 168
- Car crashes in 2020: 141



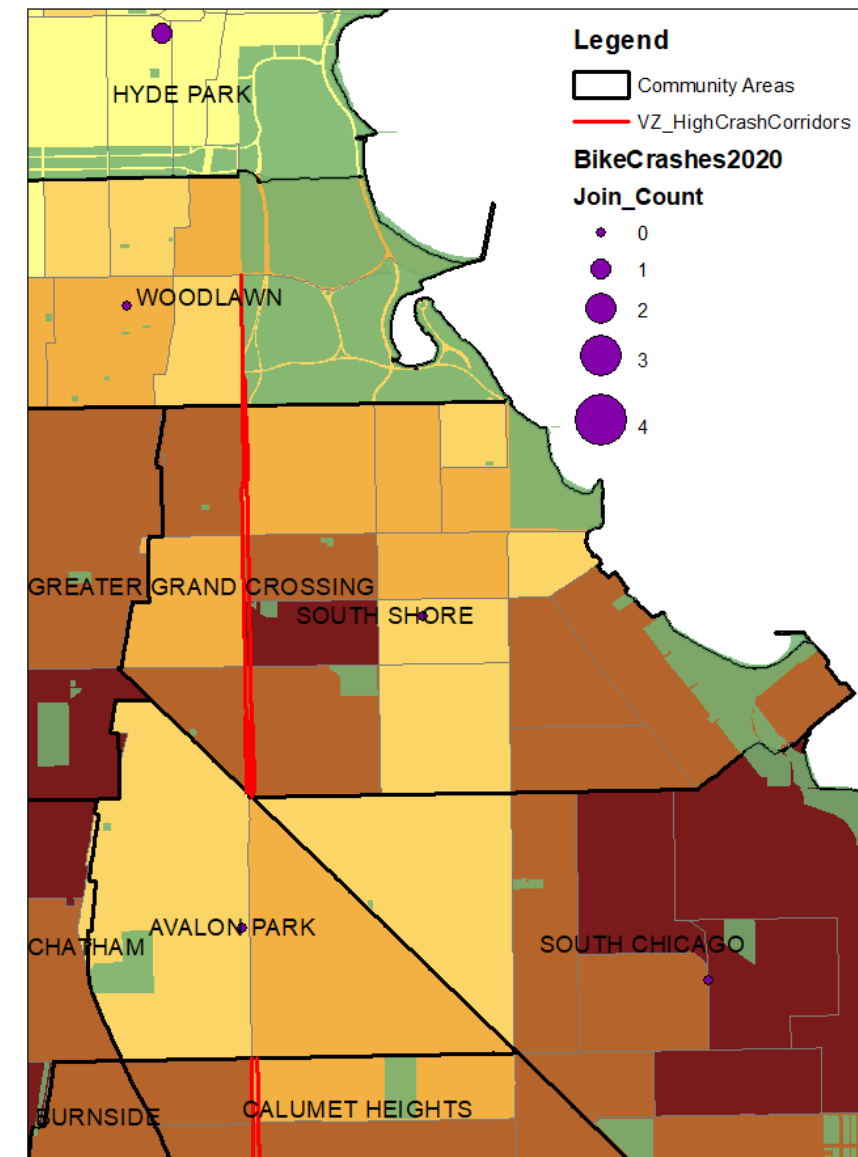
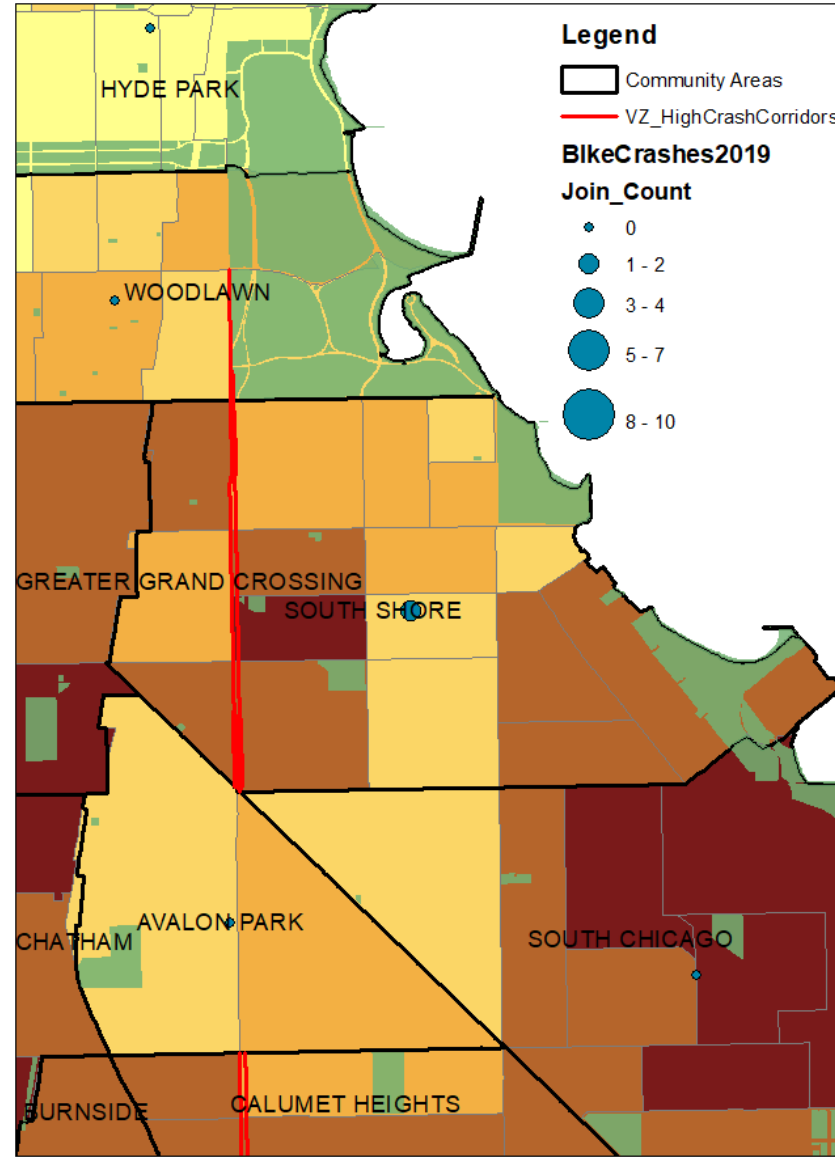
# Pedestrian Crashes from March 20 – April 21, 2019 and March 20 – April 21, 2020

- Pedestrian crashes in 2019: 7
- Pedestrian crashes in 2020: 5



# Bike Crashes from March 20 – April 21, 2019 and March 20 – April 21, 2020

- Bike crashes in 2019: 1
- Bike crashes in 2020: 0



# Austin

## Racial Demographics (ACS 2013-2017)

(Total Population: 95,260)

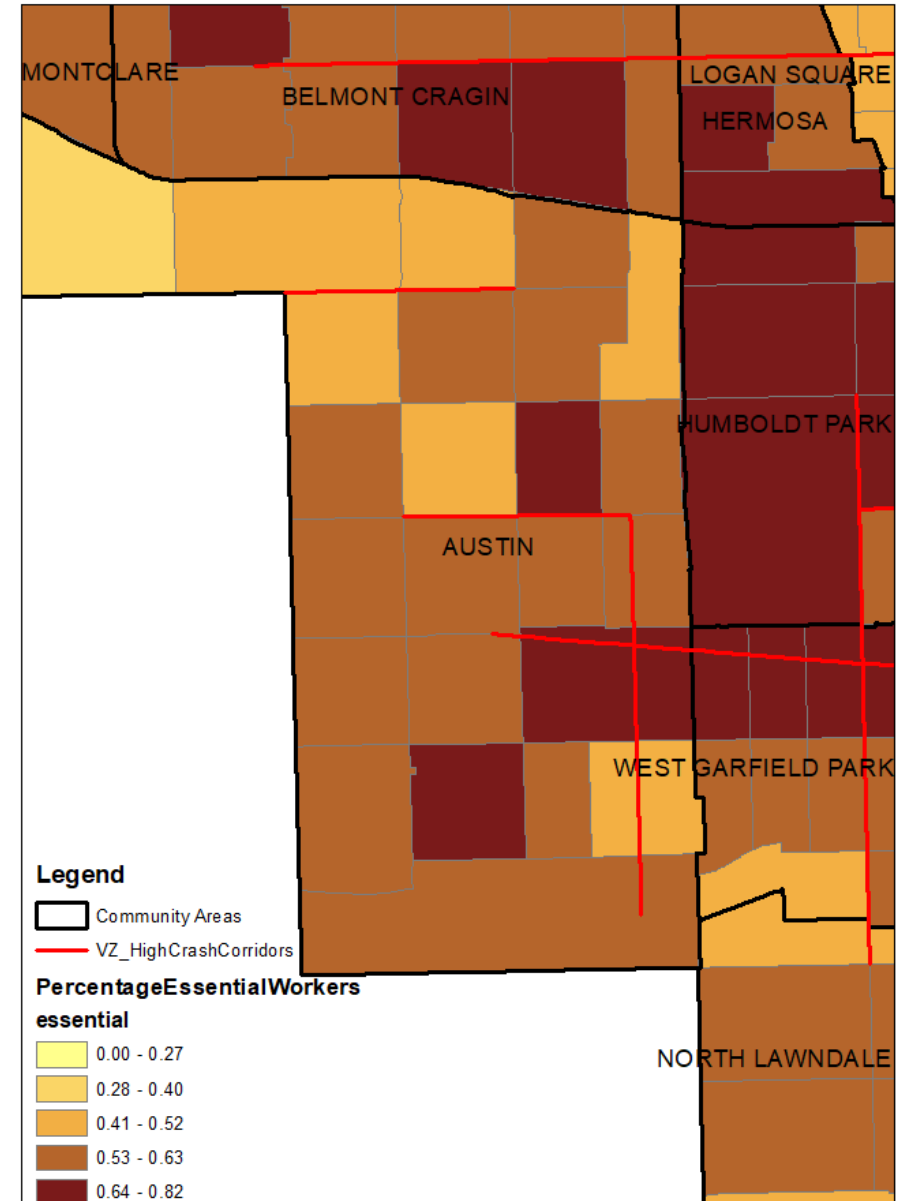
- White: 4,403 or 4.6%
- Latinx: 12,398 or 13.0%
- Black: 76,989 or 80.8%
- Asian: 483 or 0.5%

## Age Cohorts (ACS 2013-2017)

- 19 and under: 26,485 or 27.8%
- 20 to 34: 20,778 or 21.8%
- 35 to 49: 17,210 or 18.1%
- 50 to 64: 18,261 or 19.2%
- 65 to 74: 7,751 or 8.1%
- 75 and older: 4,775 or 5.0%

## High Crash Corridor

- High crash corridor #11 North Avenue from Austin Boulevard to Laramie Avenue
- High crash corridor #12 Chicago Avenue from Central Avenue to Cicero Avenue
- High crash corridor #15 Lake Street from Lockwood Avenue to Hamlin Avenue
- High crash corridor #16 Cicero Avenue from Chicago Avenue to Arthington Street



# Essential Destinations

## Grocery Stores

- 4 grocery stores in proximity to high crash corridor #11
- 2 grocery stores in proximity to high crash corridor #12
- 1 grocery store in proximity to high crash corridor #15
- 3 grocery stores in proximity to high crash corridor #16

## Parks

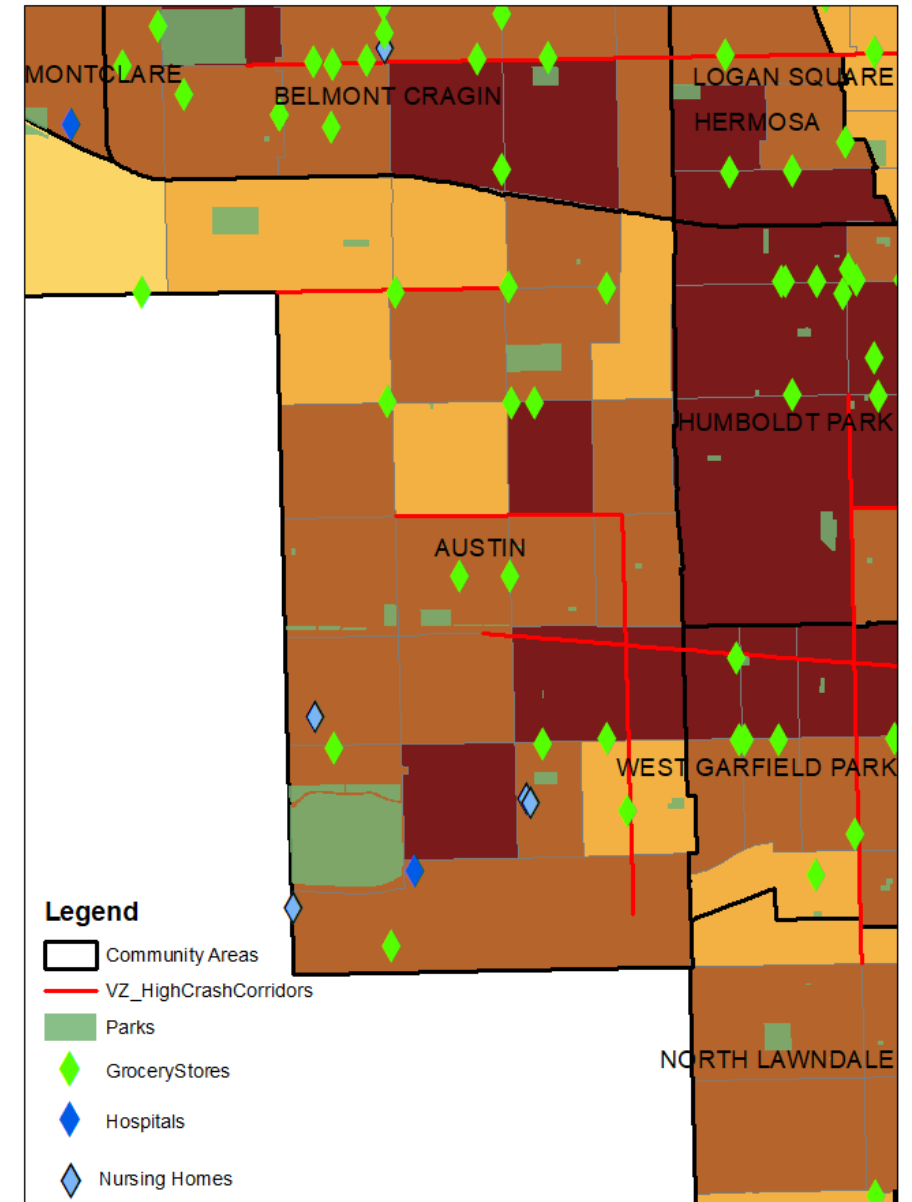
- Columbus Park at 500 S Central Avenue
- Moore (Maurice) Park at 5085 W Adam Street
- Clark (John) Park at 4615 W Jackson Boulevard
- Levin (John) Park at 462 N Pine Avenue
- Austin Town Hall community Park at 5610 W Lake Street
- La Follette (Robert) Park at 1333 N Laramie Avenue
- Galewood Park at 5729 W Bloomingdale Avenue
- Amundsen (Roald) Park at 6200 W Bloomingdale Avenue

## Hospitals

- Loretto Hospital at 645 S Central Avenue

## Nursing Homes

- Mayfield Care Center Nursing Home at 5905 W Washington Boulevard
- Symphony Jackson Square Nursing Home at 5130 W Jackson Boulevard
- Austin Oasis Nursing Home at 901 S Austin Boulevard



# Red Light Camera and Speed Camera Tickets from March 20 – April 21, 2019 and March 20 – April 21, 2020

Most red-light cameras in Austin decreased their number of tickets while speed cameras increased their number of tickets.

## High crash corridor #11

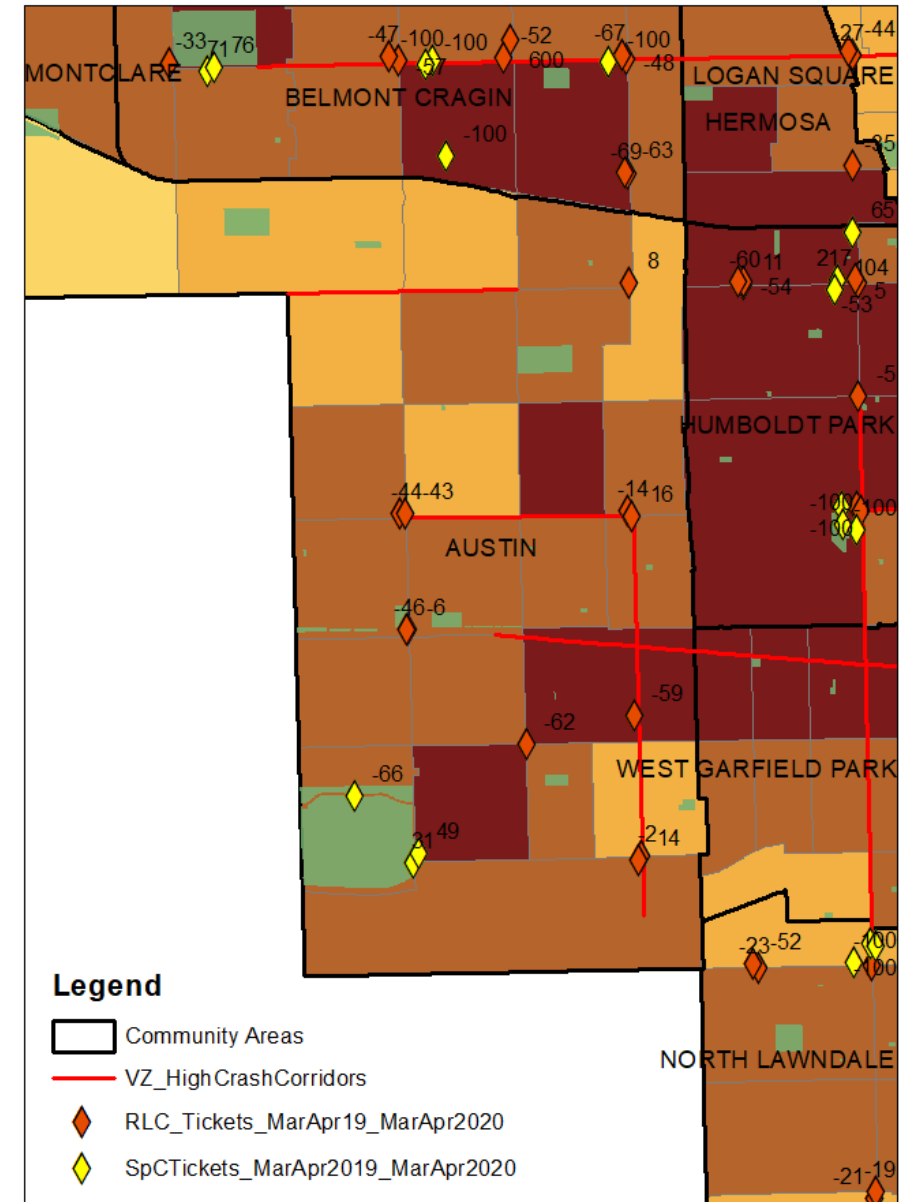
- The red-light camera tickets issued at 4800 W North Avenue increased by 8% from 275 to 298 tickets.

## High crash corridor #12

- The red-light camera tickets issued at 5600 W Chicago Avenue decreased by 44% from 122 to 68 tickets.
- The red-light camera tickets issued at 800 N Central Avenue decreased by 43% from 120 to 69 tickets.
- The red-light camera tickets issued at 4800 W Chicago Avenue decreased by 14% from 117 to 101 tickets.

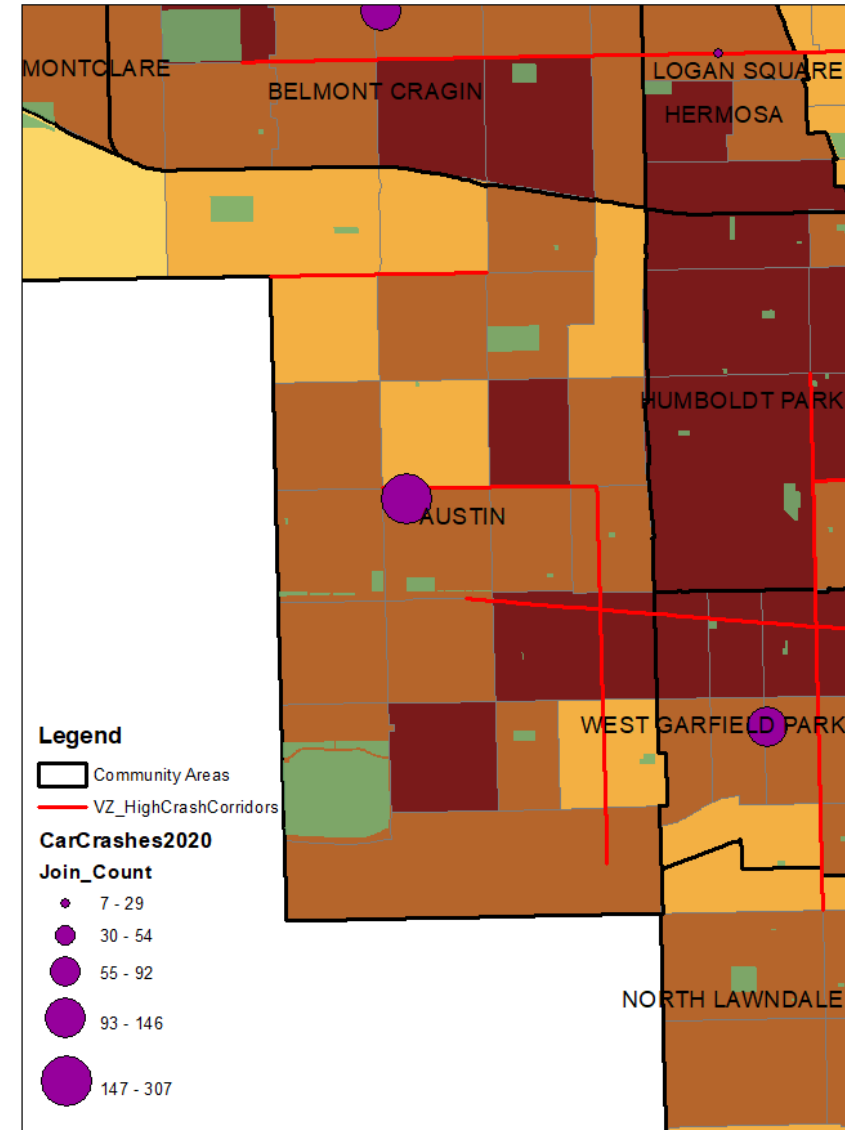
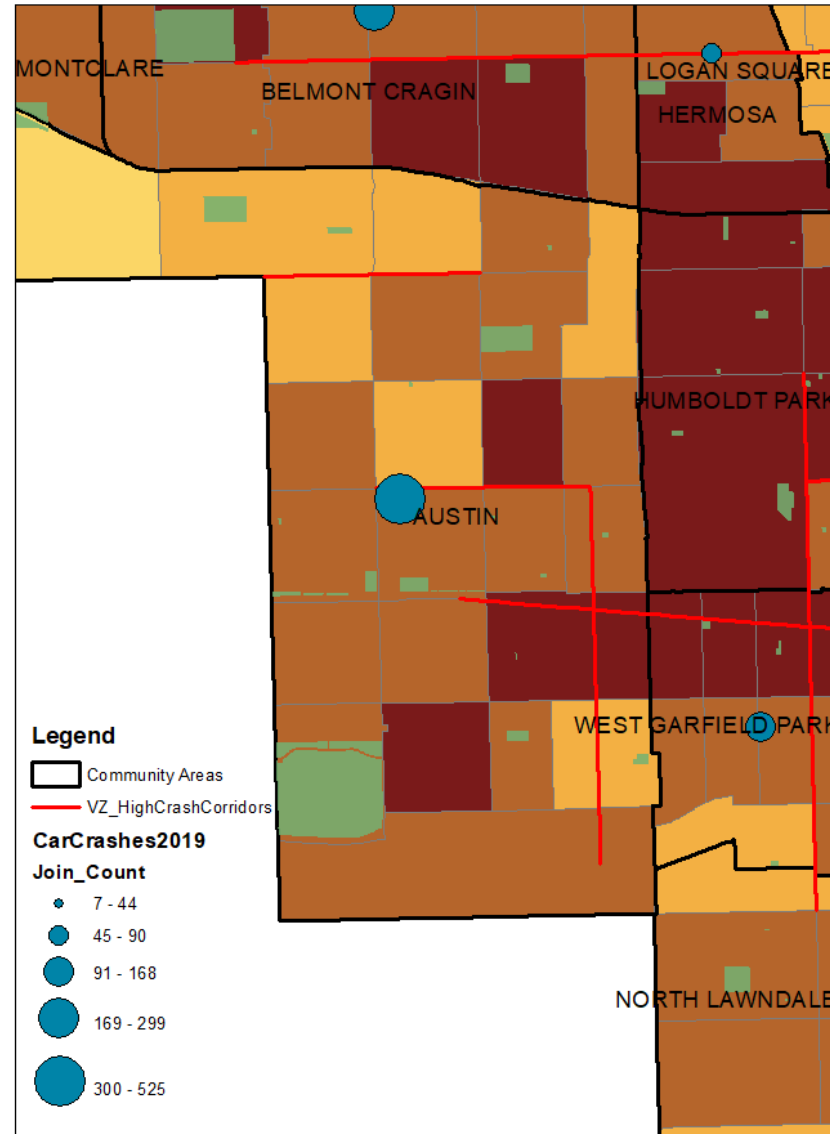
## High crash corridor #16

- The red-light camera tickets issued at 800 N Cicero Avenue increased by 16% from 141 to 164 tickets.
- The red-light camera tickets issued at 100 N Cicero Avenue decreased by 59% from 664 to 275 tickets.
- The red-light camera tickets issued at 600 S Cicero Avenue increased by 14% from 176 to 200 tickets.
- The speed camera tickets issued at 515 S Central Avenue increased by 49% from 171 to 255 tickets.
- The speed camera tickets issued at 506 S Central Avenue increased by 31% from 264 to 346 tickets.



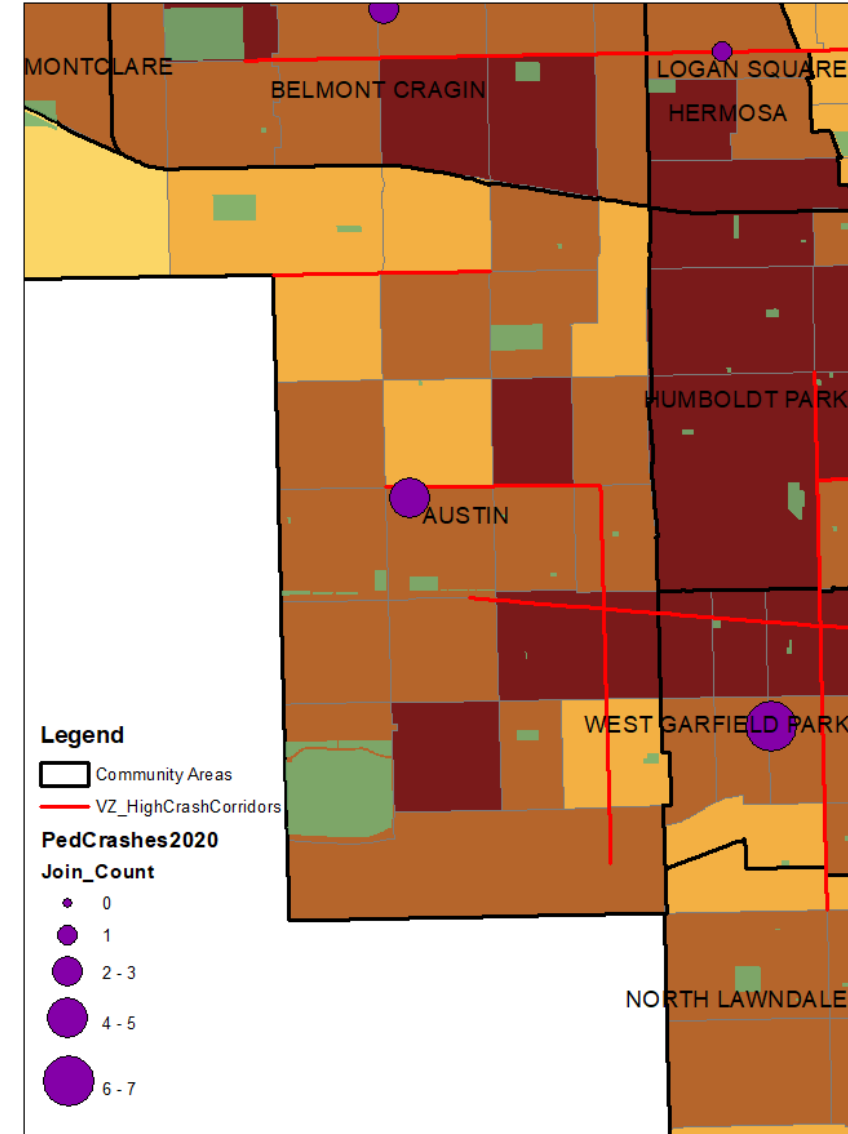
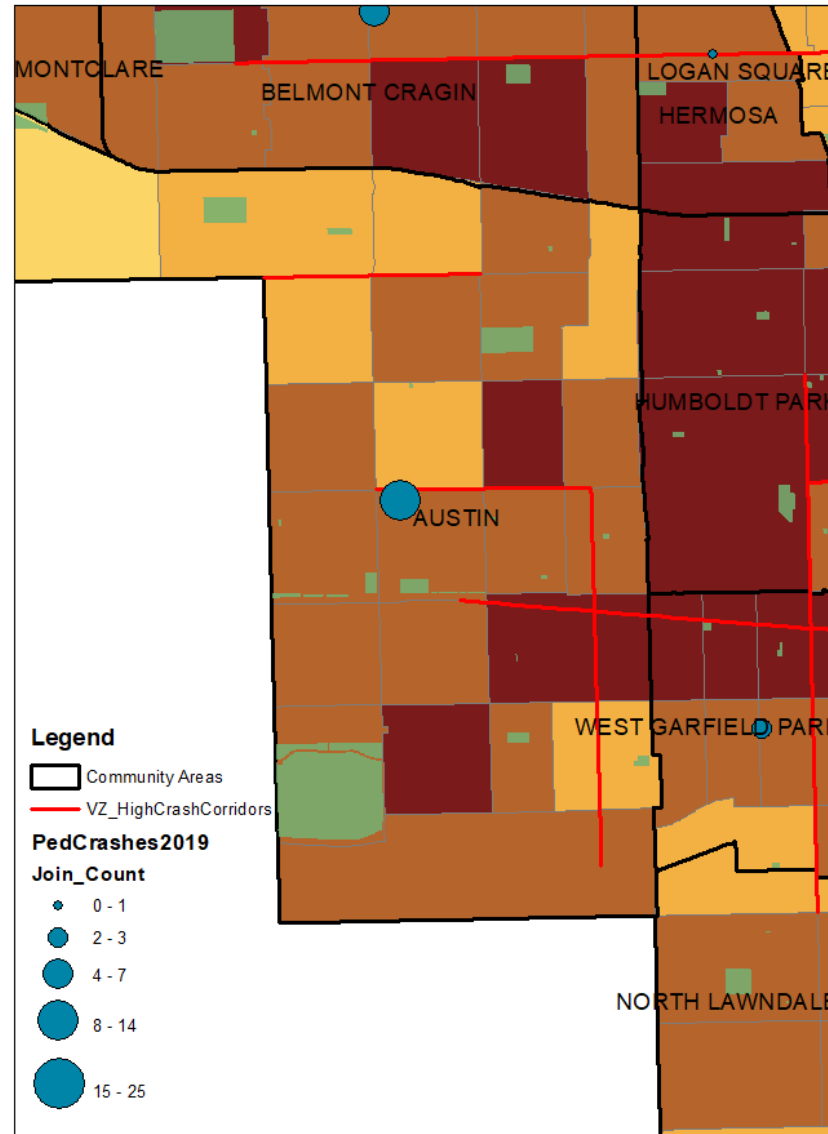
# Car Crashes from March 20 – April 21, 2019 and March 20 – April 21, 2020

- Car crashes in 2019: 480
- Car crashes in 2020: 307



# Pedestrian Crashes from March 20 – April 21, 2019 and March 20 – April 21, 2020

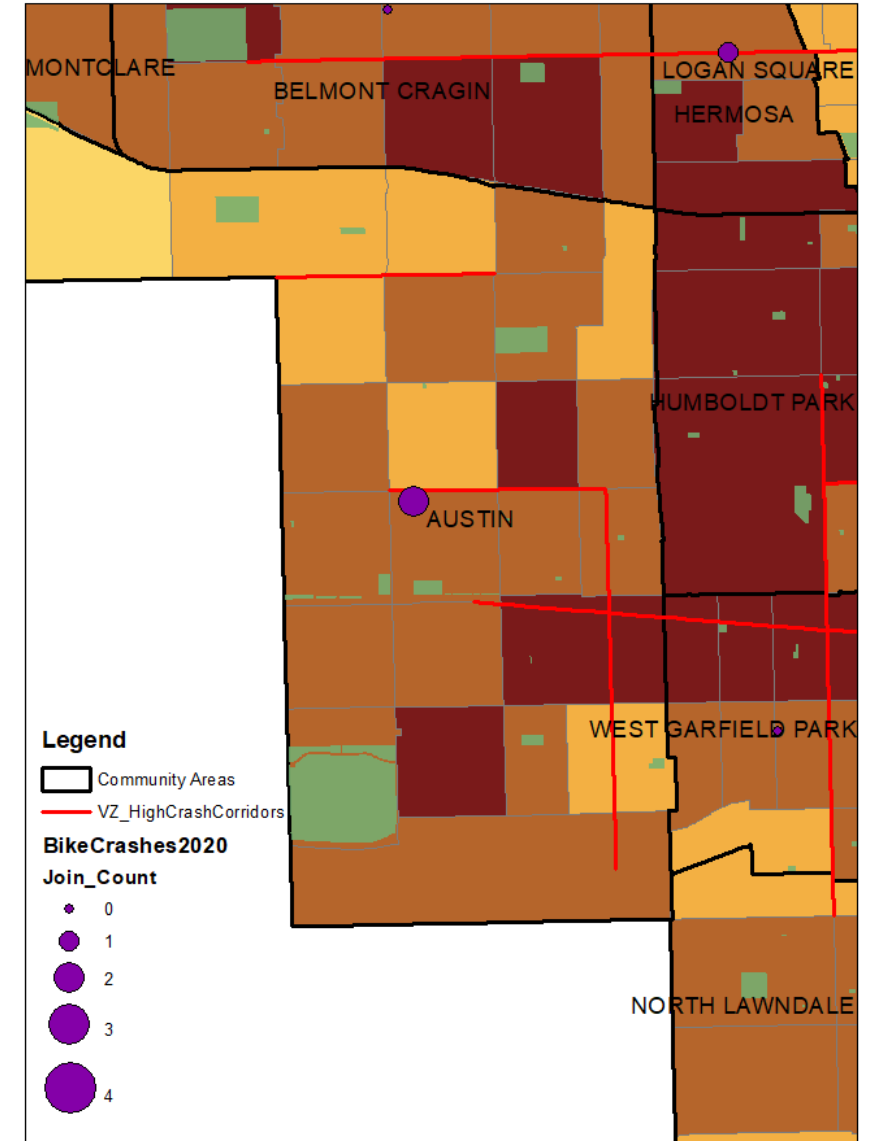
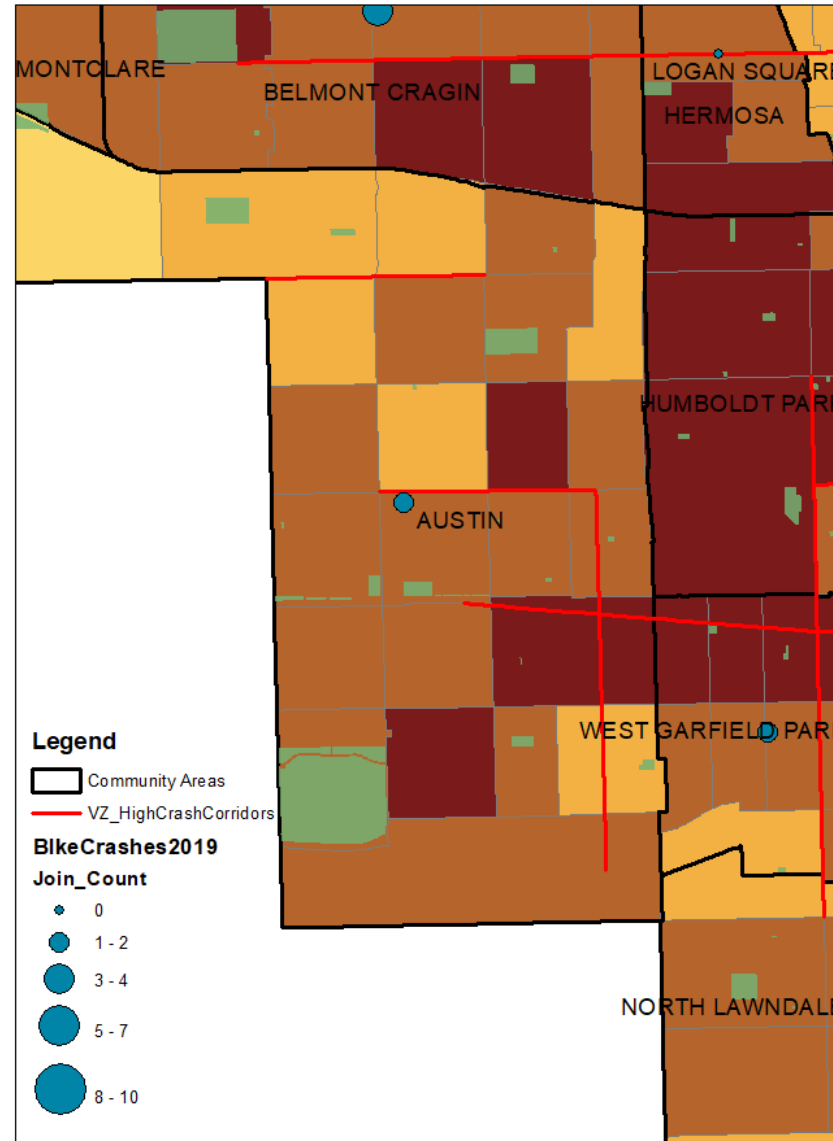
- Pedestrian crashes in 2019: 14
- Pedestrian crashes in 2020: 5





# Bike Crashes from March 20 – April 21, 2019 and March 20 – April 21, 2020

- Bike crashes in 2019: 1
- Bike crashes in 2020: 2



# South Lawndale (Little Village)

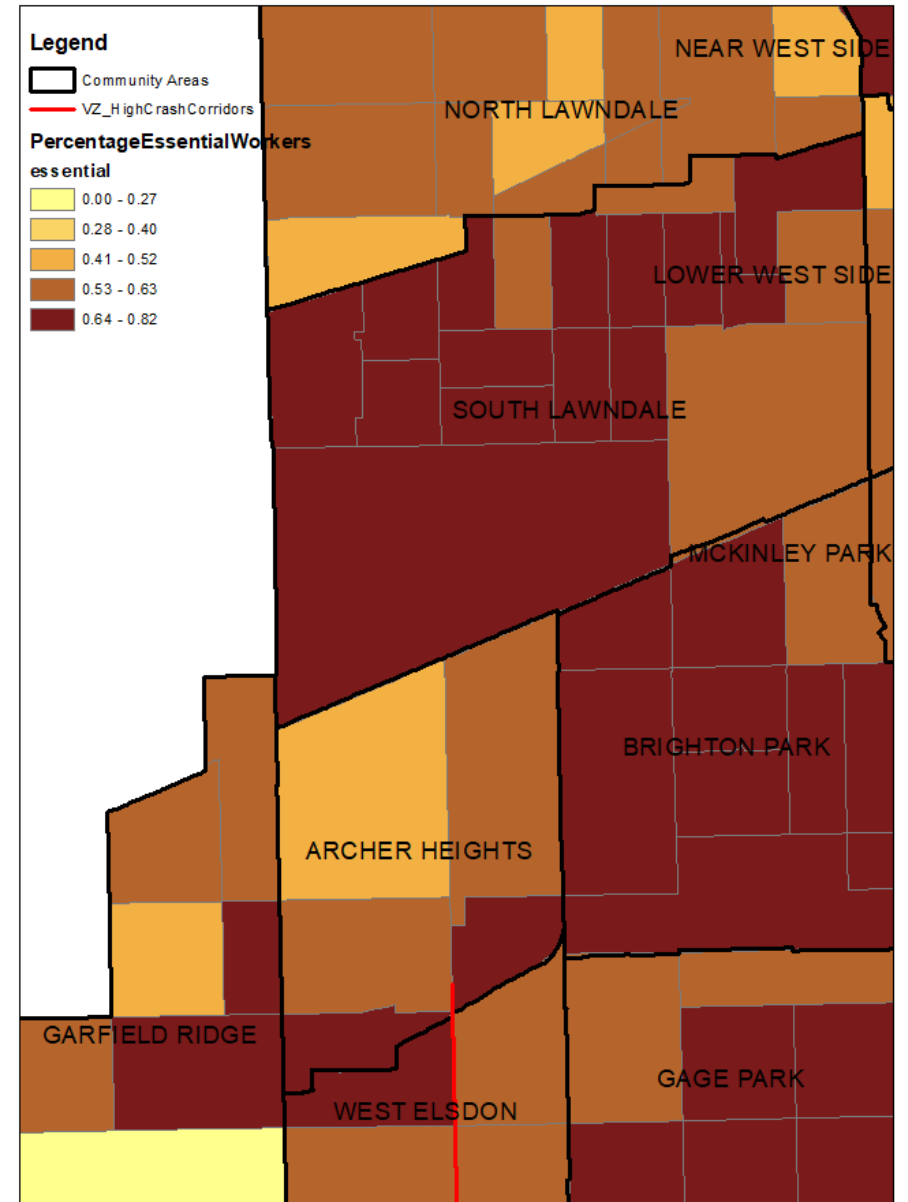
## Racial Demographics (ACS 2013-2017)

(Total Population: 74,851)

- White: 2,856 or 3.8%
- Latinx: 62,512 or 83.5%
- Black: 9,101 or 12.2%
- Asian: 142 or 0.2%

## Age Cohorts (ACS 2013-2017)

- 19 and under: 24,170 or 32.3%
- 20 to 34: 19,863 or 26.5%
- 35 to 49: 15,693 or 21.0%
- 50 to 64: 10,158 or 13.6%
- 65 to 74: 2,935 or 3.9%
- 75 and older: 2,032 or 2.7%



# Essential Destinations

## Grocery Stores

- 20 grocery stores concentrated in South Lawndale (Little Village)

## Parks

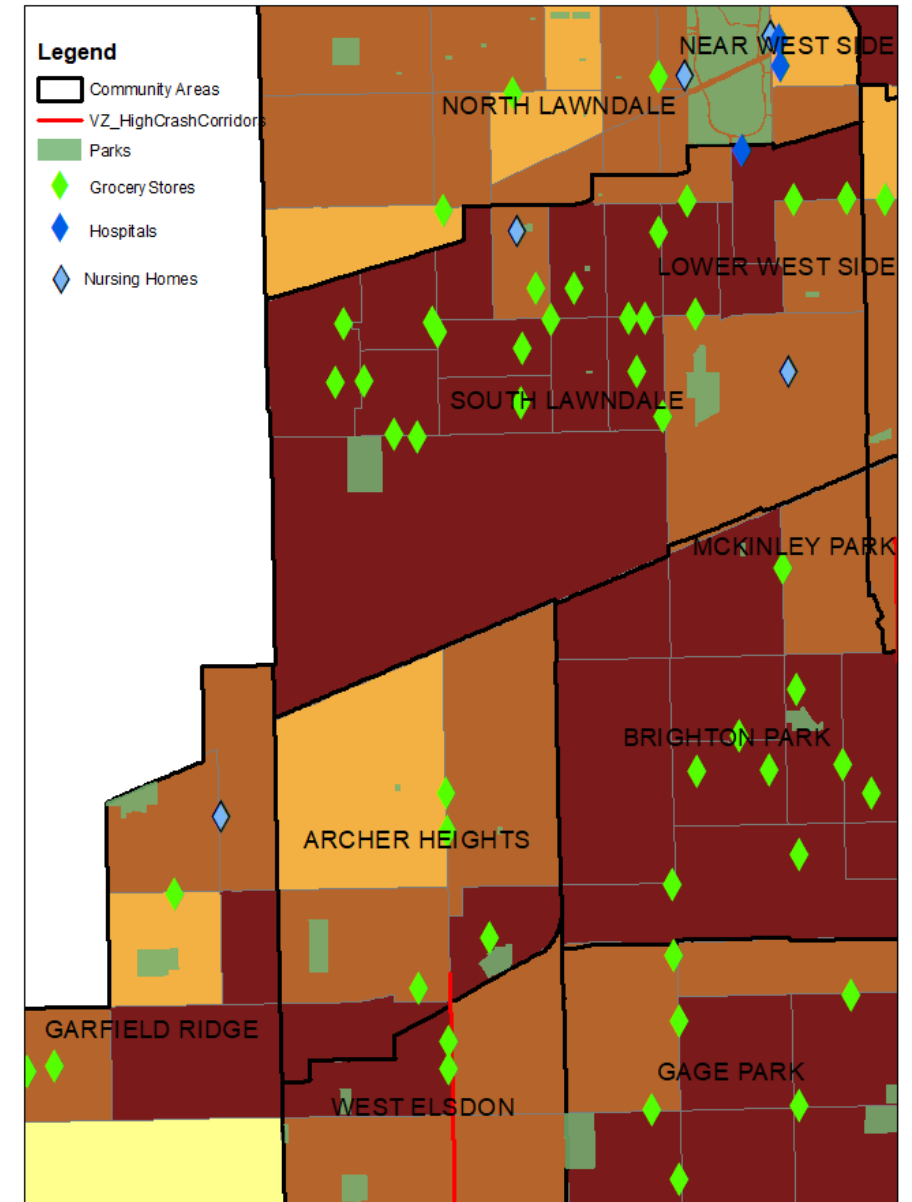
- La Villita Park at 2800 S Sacramento Avenue
- Piotrowski Park at 4200 W 31<sup>st</sup> Street

## Hospitals

- Saint Anthony Hospital at 2875 W 19<sup>th</sup> Street

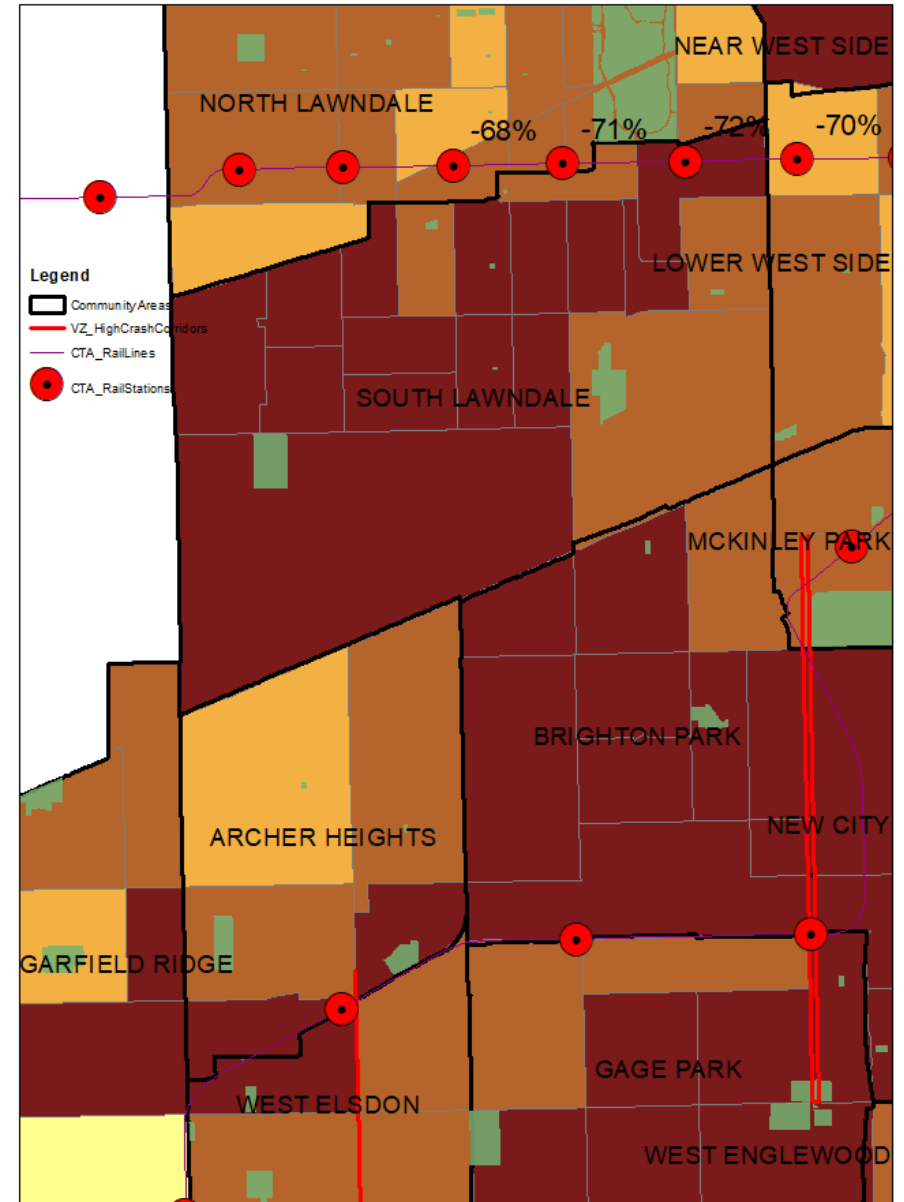
## Nursing Homes

- Symphony of California Gardens Nursing Home at 2829 S California Boulevard
- Little Village Nursing Home at 2320 S Lawndale



# CTA Rail Ridership Change After Shutdown from March 22-28, 2020

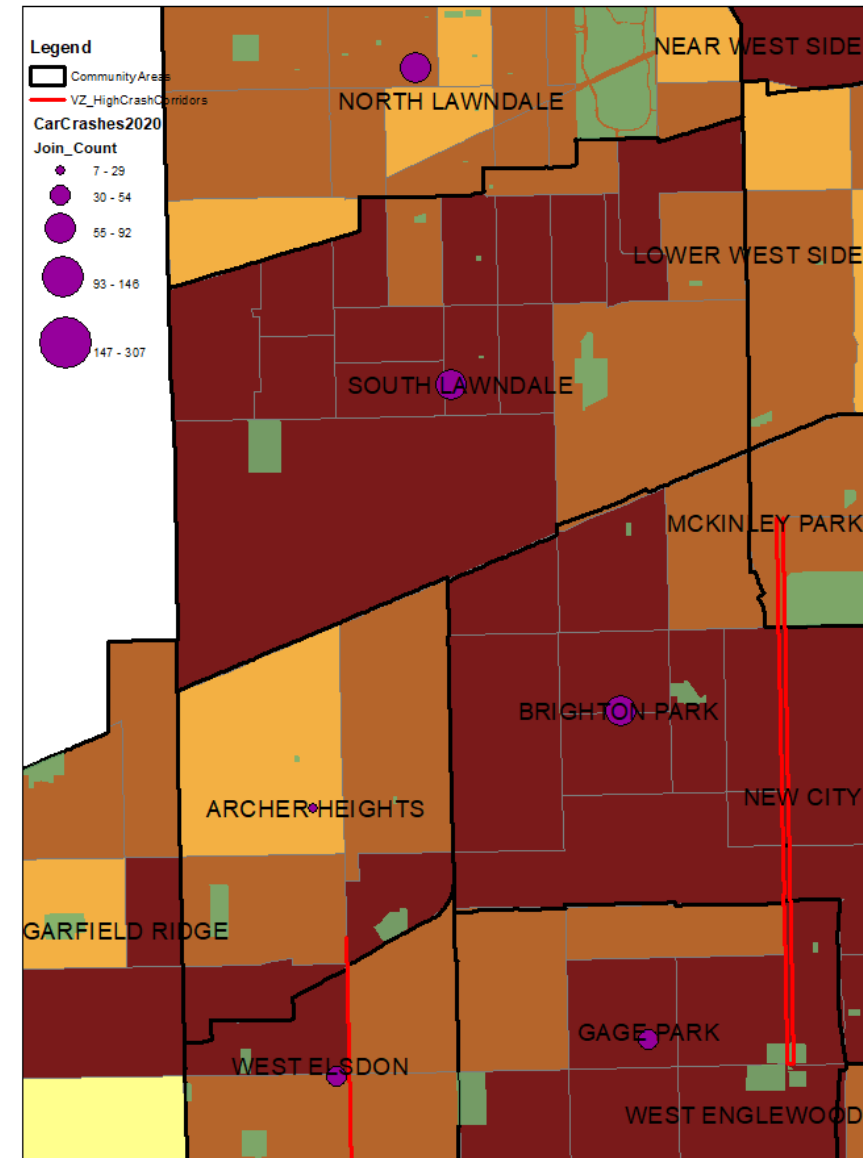
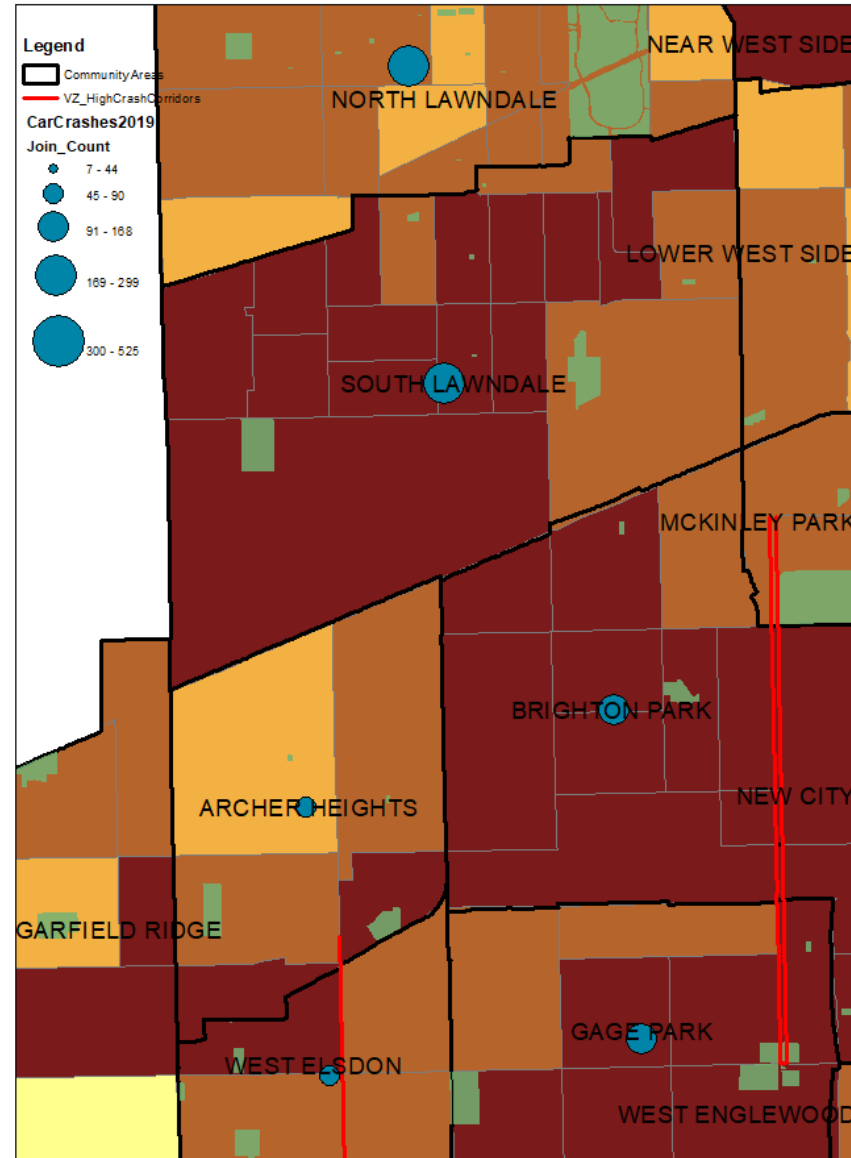
- CTA Western pink line station ridership decreased by 70%
- CTA California pink line station decreased by 72%
- CTA Kedzie pink line station ridership decreased by 68%
- CTA Central Park pink line line station ridership decreased by 59%





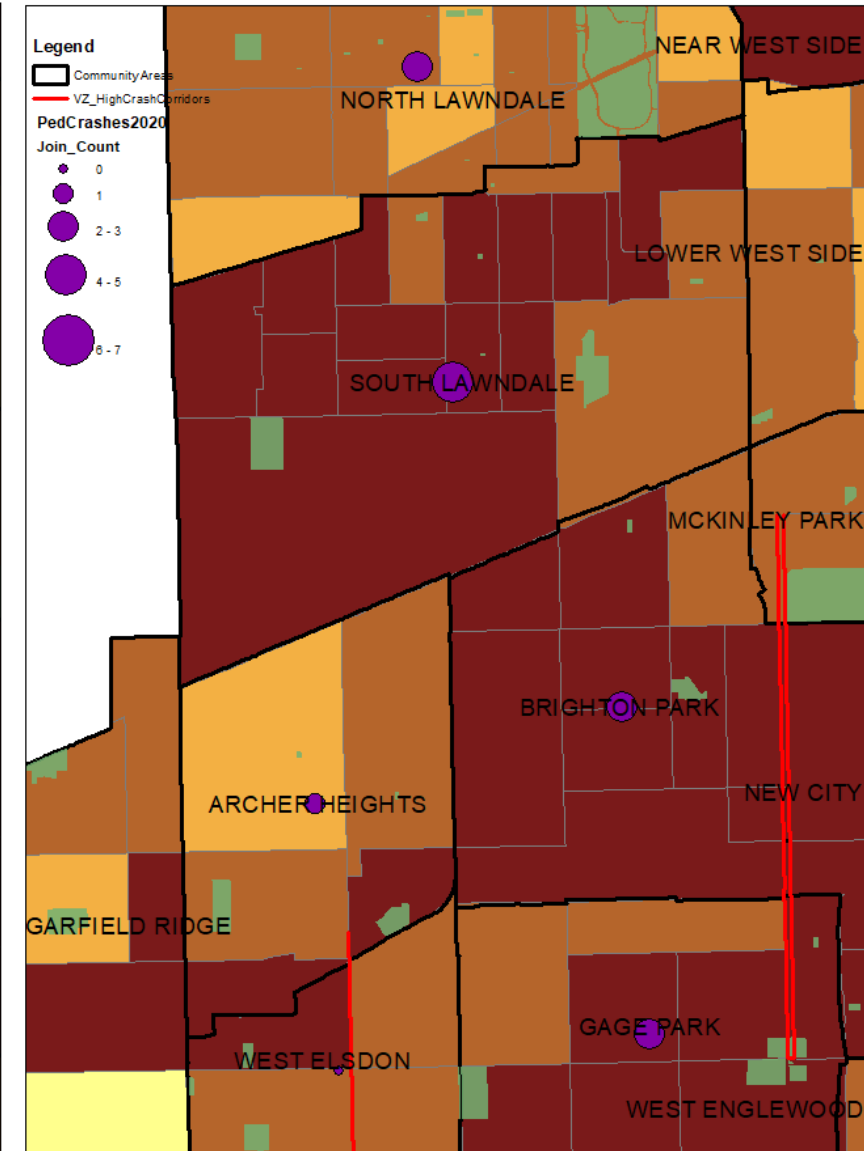
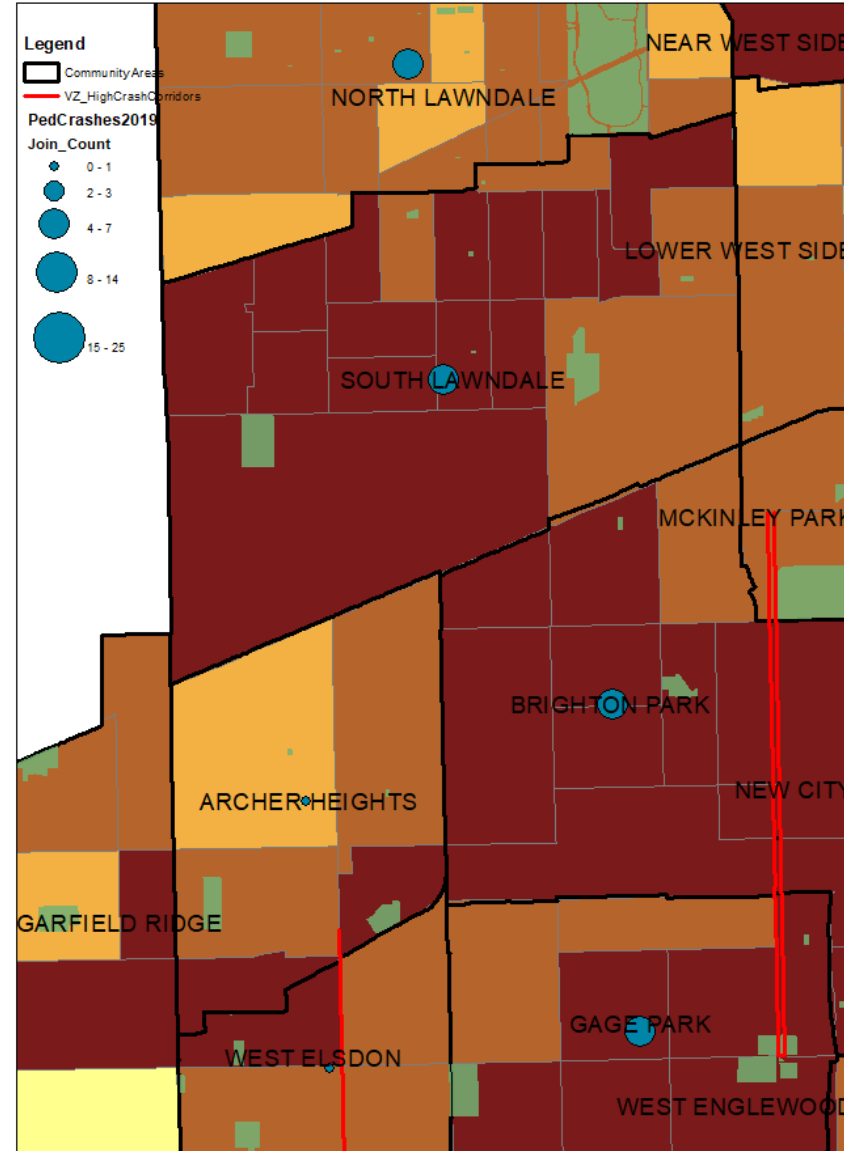
# Car Crashes from March 20 – April 21, 2019 and March 20 – April 21, 2020

- Car crashes in 2019: 201
- Car crashes in 2020: 86



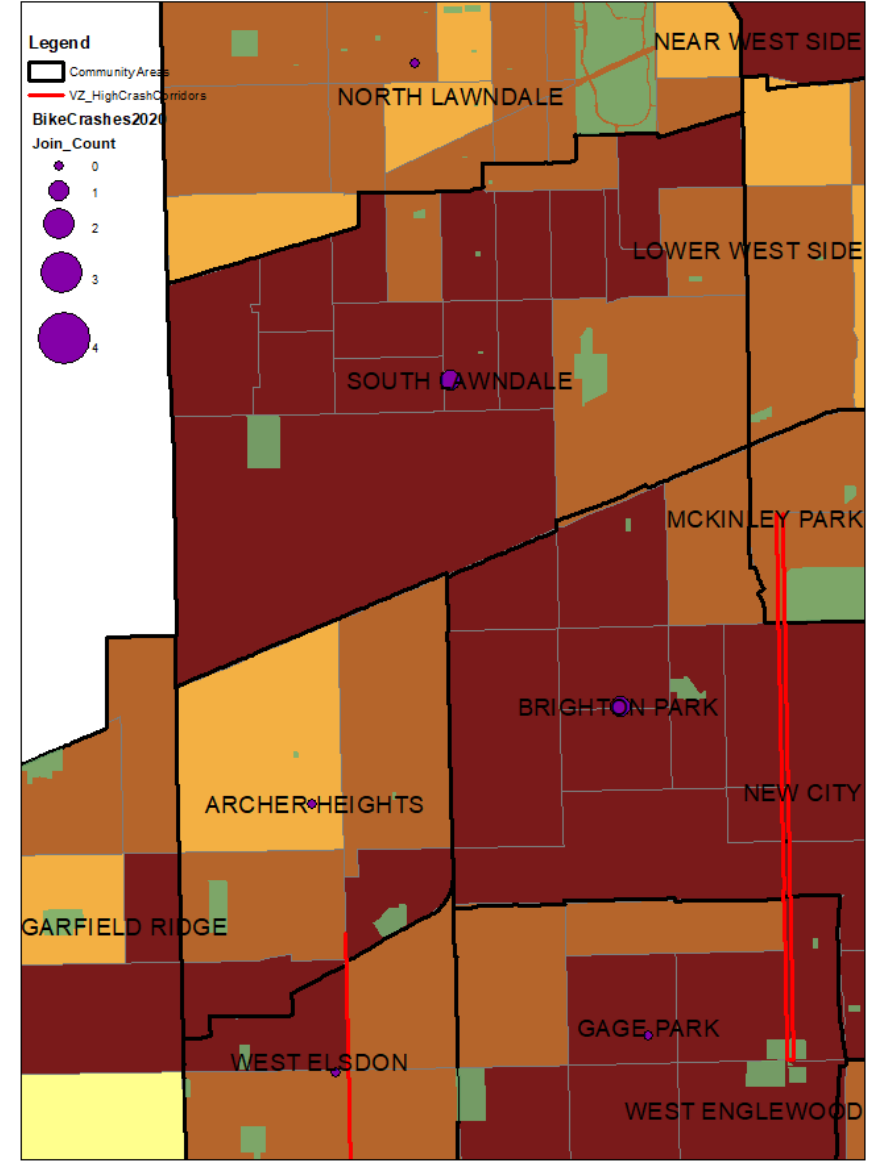
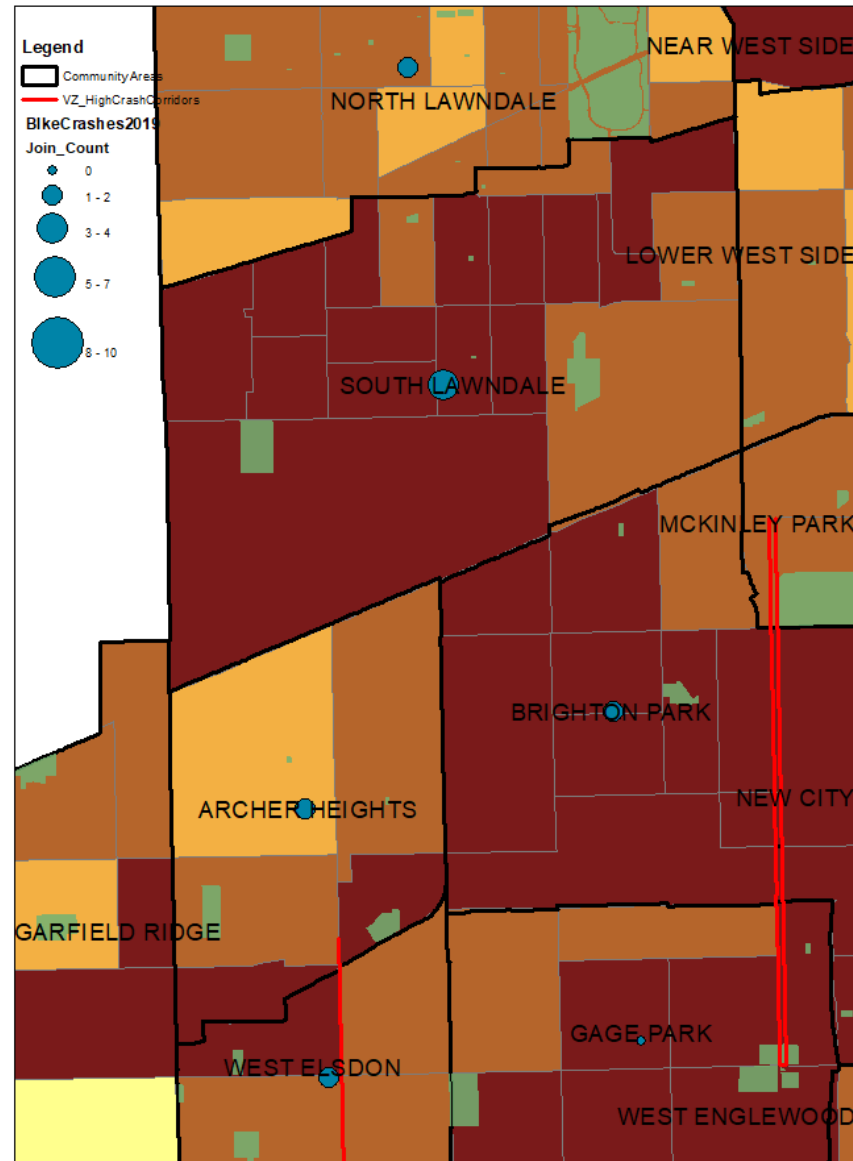
# Pedestrian Crashes from March 20 – April 21, 2019 and March 20 – April 21, 2020

- Pedestrian crashes in 2019: 4
- Pedestrian crashes in 2020: 4



# Bike Crashes from March 20 – April 21, 2019 and March 20 – April 21, 2020

- Bike crashes in 2019: 3
- Bike crashes in 2020: 1





# West Ridge

## Racial Demographics (ACS 2013-2017)

(Total Population: 76,215)

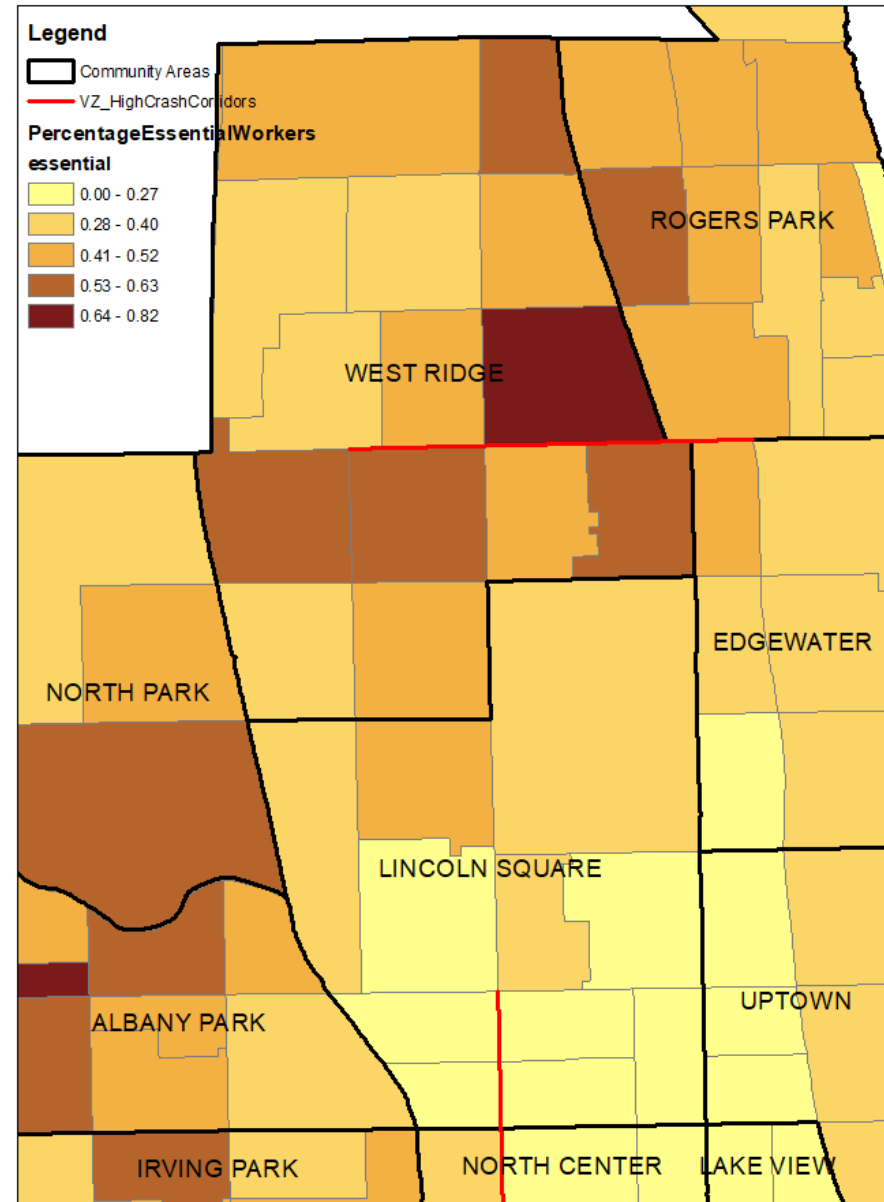
- White: 32,173 or 42.2%
- Latinx: 14,256 or 18.7%
- Black: 9,201 or 12.1%
- Asian: 17,200 or 22.6%

## Age Cohorts (ACS 2013-2017)

- 19 and under: 20,756 or 27.2%
- 20 to 34: 17,065 or 22.4%
- 35 to 49: 15,001 or 18.7%
- 50 to 64: 13,648 or 17.9%
- 65 to 74: 5,461 or 7.2%
- 75 and older: 4,284 or 5.6%

## High Crash Corridor

- High crash corridor #1 Devon Avenue from California Avenue to Clark Street



# Essential Destinations

## Grocery Stores

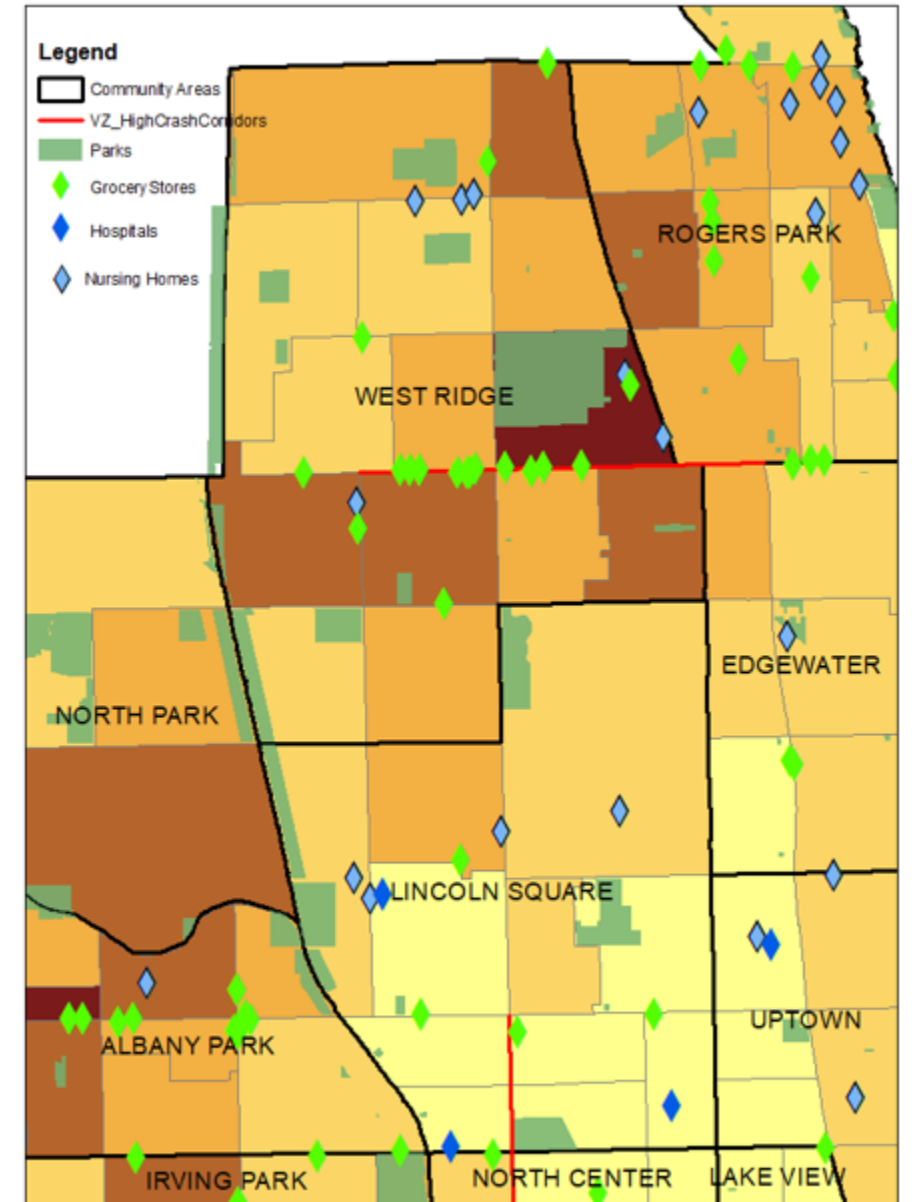
- 12 grocery stores in proximity to high crash corridor #1

## Parks

- Rogers (Phillip) Park at 7345 N Washtenaw Avenue
- Indian Boundary Park at 2500 W Lunt Avenue
- Lerner (Leo) Park at 7000 N Sacramento Avenue
- Chippewa Park at 6758 N Sacramento Avenue
- Warren (Laurence) Park at 6621 N Western Avenue
- Emerson (Louis) Park at 1820 W Granville Avenue
- Green Briar Park at 2650 W Peterson Avenue
- Mather Park at 5835 N Lincoln Avenue

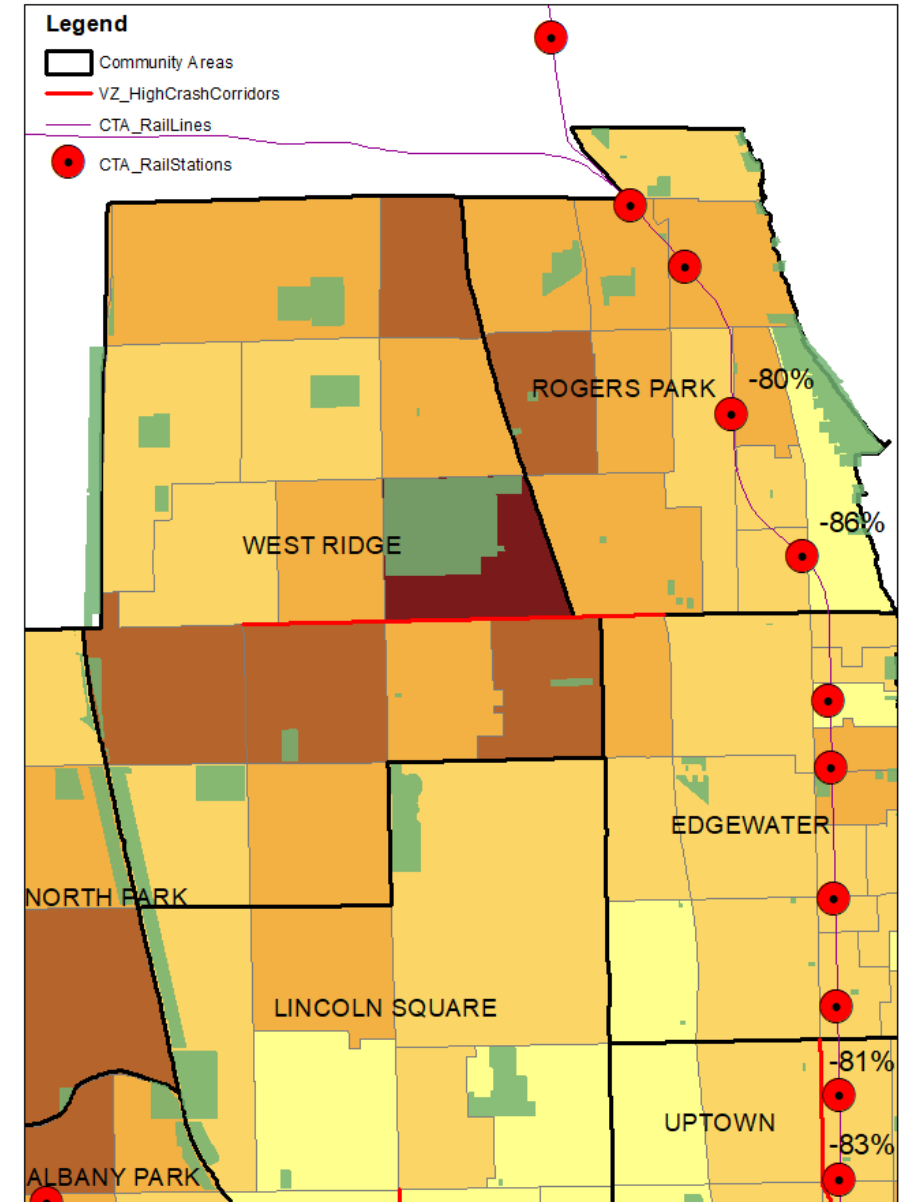
## Nursing Homes

- Astoria Place Skilled Nursing Home at 6300 N California Avenue
- Ridgeview Rehab and Nursing Home at 6450 N Ridge Boulevard
- Warren Park Health and Living Center Nursing Home at 6700 N Damen Avenue
- Glen Crest Nursing Home at 2451 W Touhy Avenue
- Westwood Manor Nursing Home at 2444 W Touhy Avenue
- Buckingham Pavilion Nursing Home at 2625 W Touhy Avenue



# CTA Rail Ridership Change After Shutdown from March 22-28, 2020

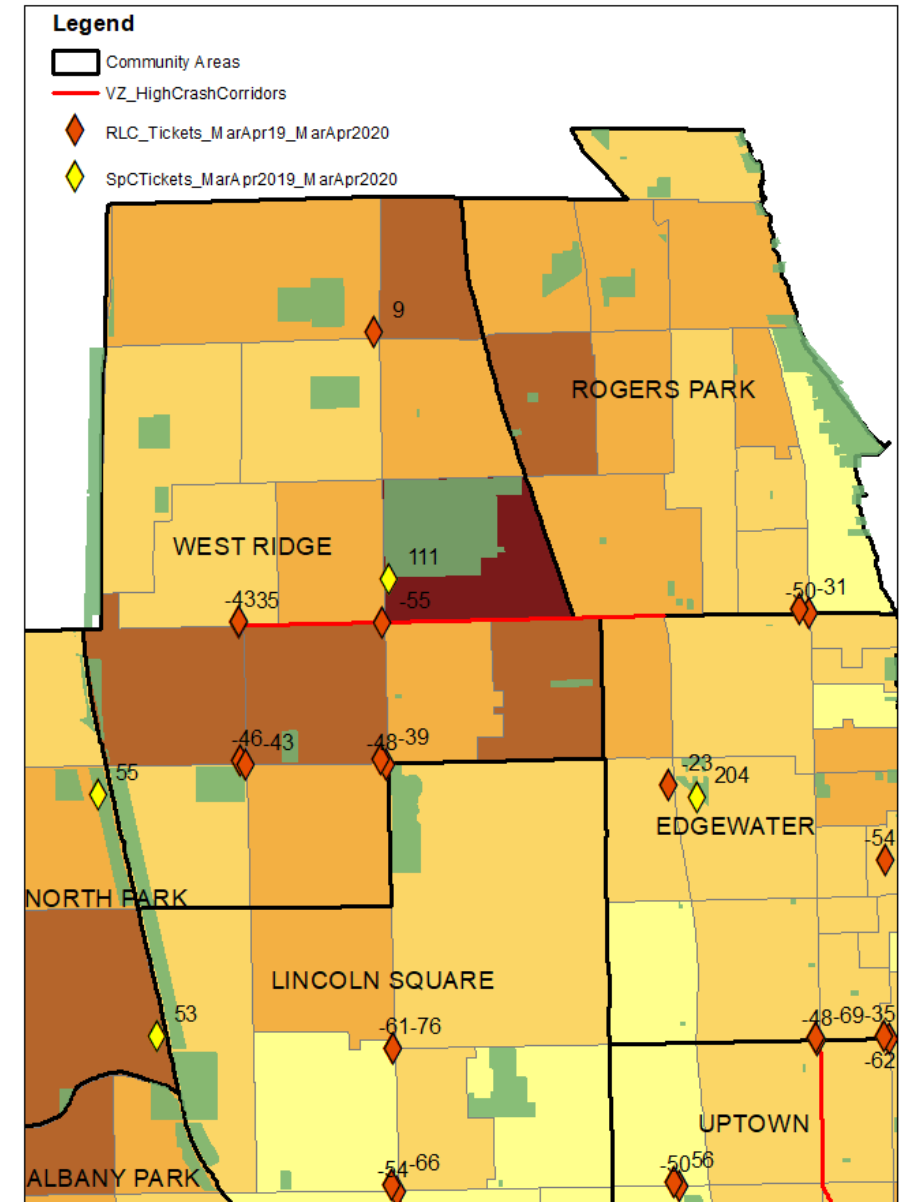
- CTA Loyola red line station ridership decreased by 86%
- CTA Morse red line station ridership decreased by 80%



# Red Light Camera and Speed Camera Tickets from March 20 – April 21, 2019 and March 20 – April 21, 2020

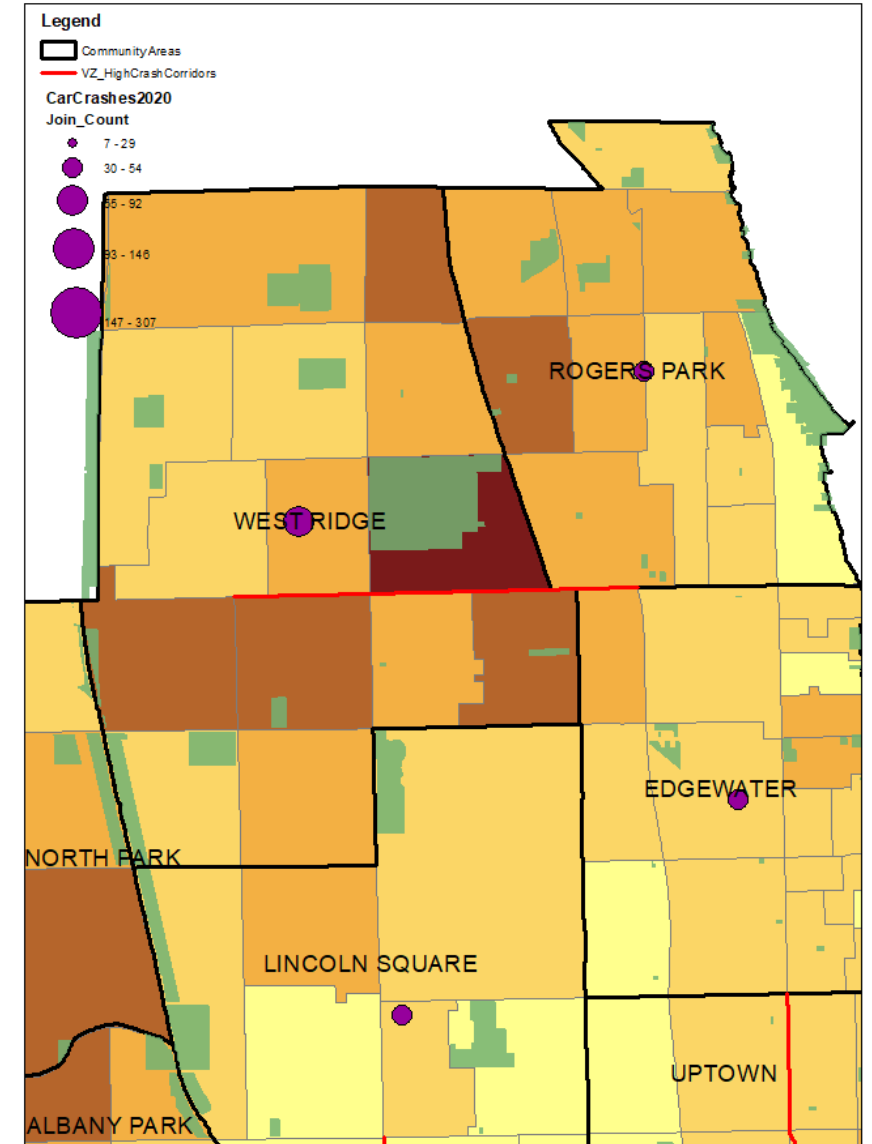
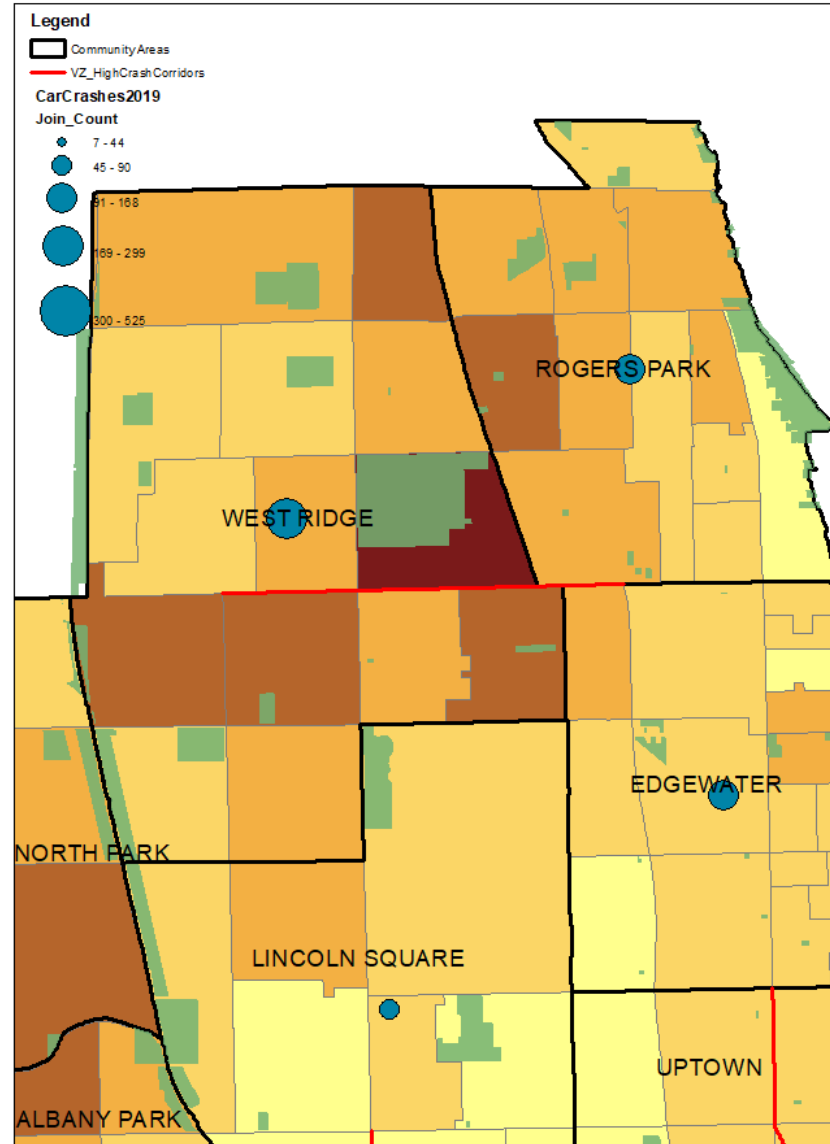
Most red-light cameras in West Ridge decreased their number of tickets while speed cameras increased their number of tickets.

- The red-light camera tickets issued at 6400 N Western Avenue decreased by 55% from 141 to 63 tickets.
- The red-light camera tickets issued at 6400 N California Avenue decreased by 43% from 42 to 24 tickets.
- The red-light camera tickets issued at 2800 W Devon Avenue increased by 35% from 46 to 62 tickets.
- The speed camera tickets issued at 6523 N Western Avenue increased by 111% from 689 to 1,452 tickets.



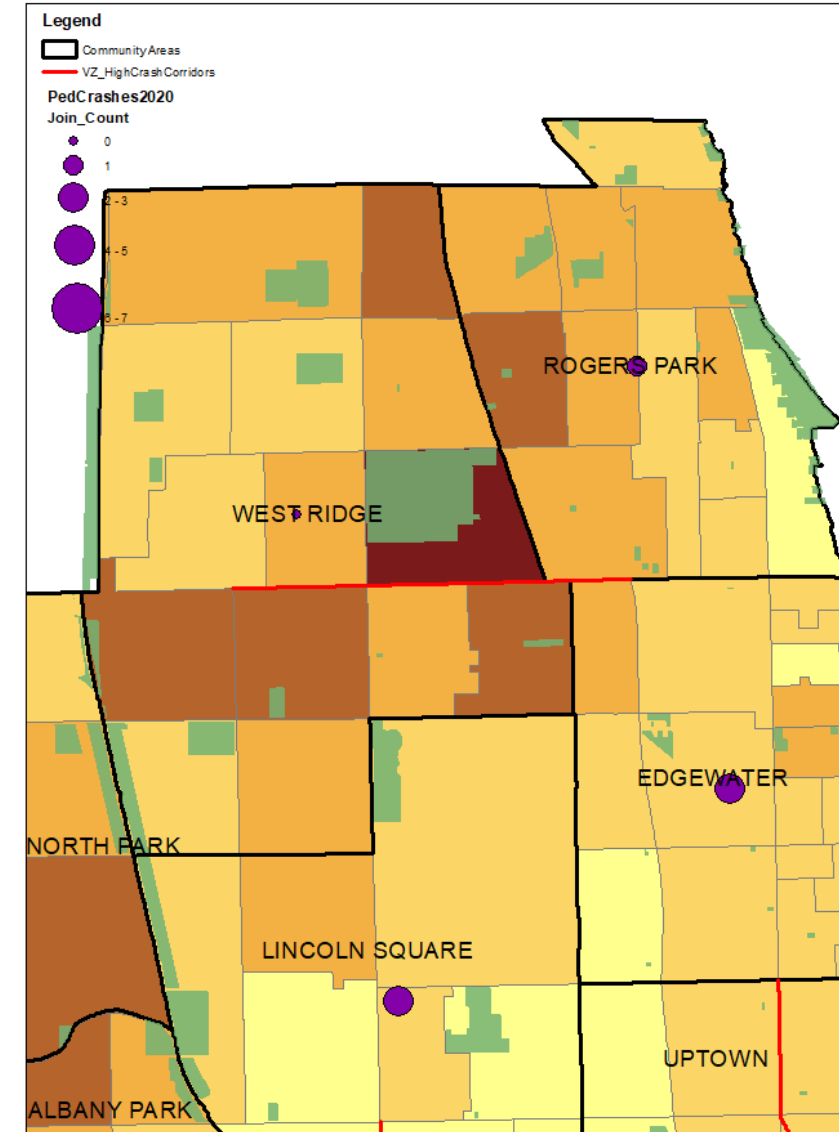
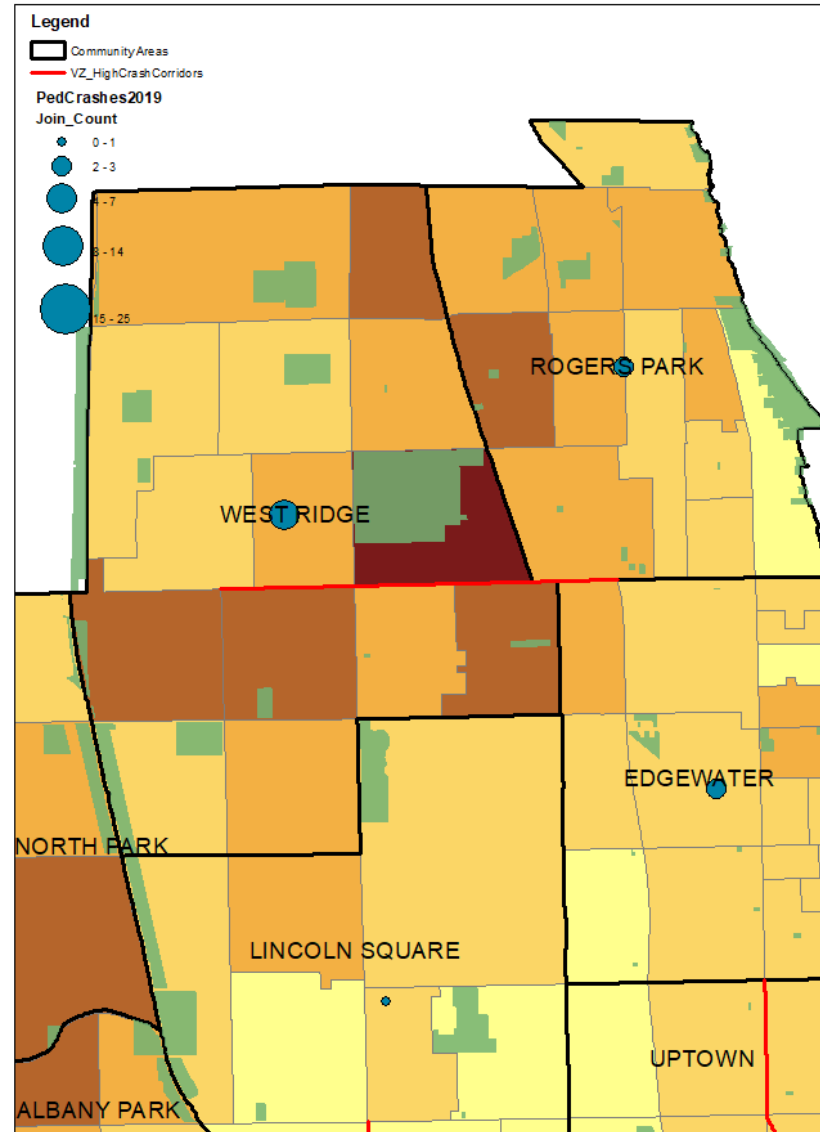
# Car Crashes from March 20 – April 21, 2019 and March 20 – April 21, 2020

- Car crashes in 2019: 247
- Car crashes in 2020: 65



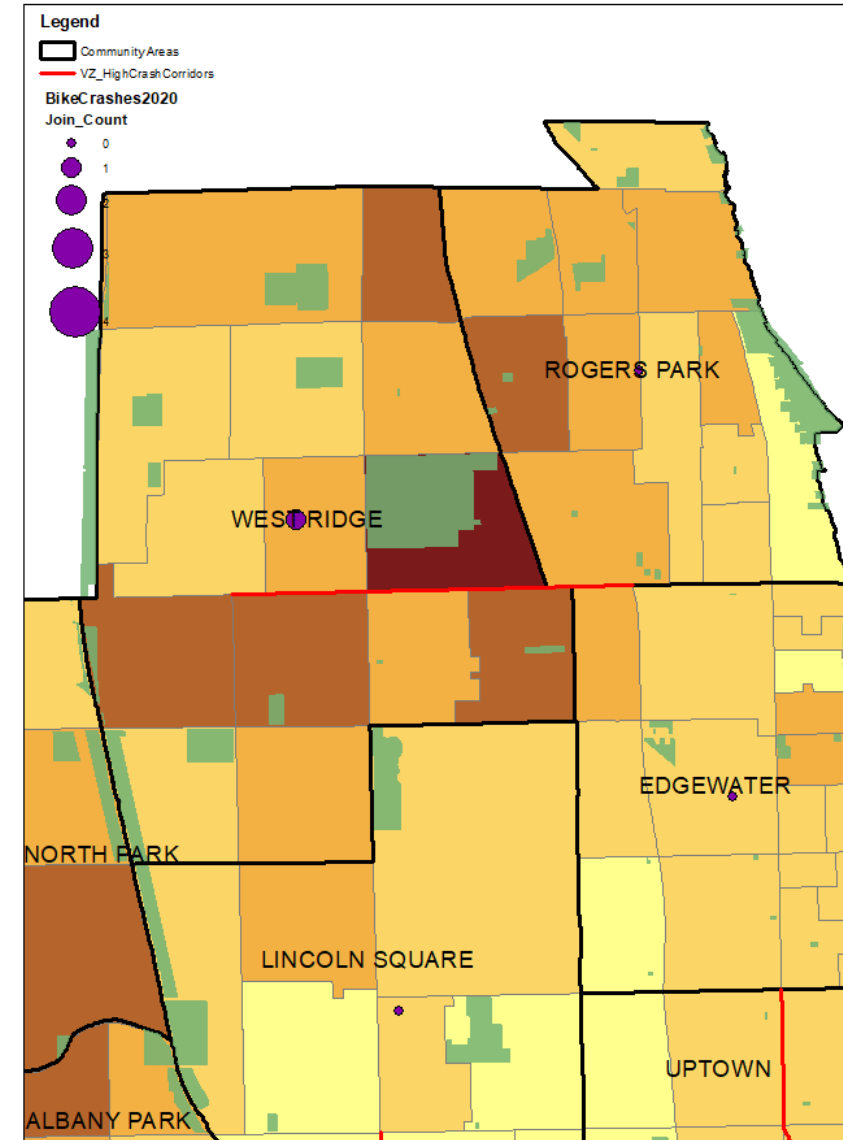
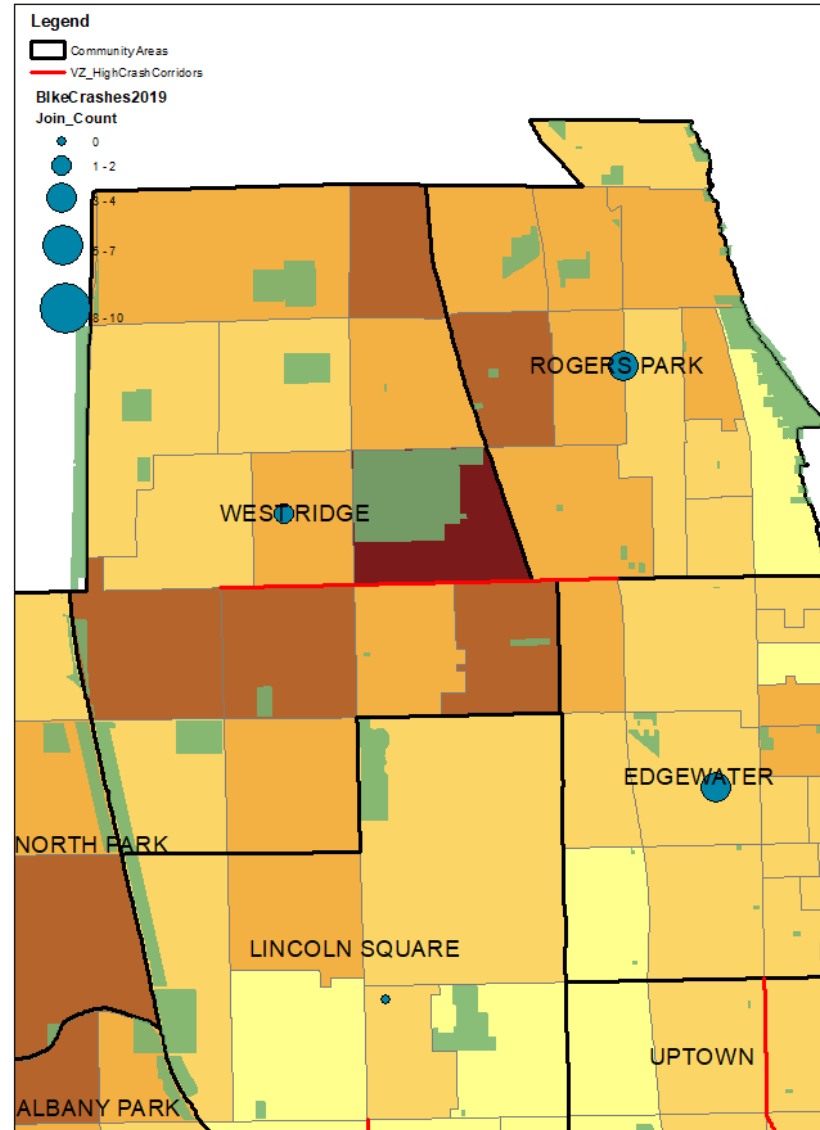
# Pedestrian Crashes from March 20 – April 21, 2019 and March 20 – April 21, 2020

- Pedestrian crashes in 2019: 5
- Pedestrian crashes in 2020: 0



# Bike Crashes from March 20 – April 21, 2019 and March 20 – April 21, 2020

- Bike crashes in 2019: 2
- Bike crashes in 2020: 1



# Uptown

## Racial Demographics (ACS 2013-2017)

(Total Population: 57,973)

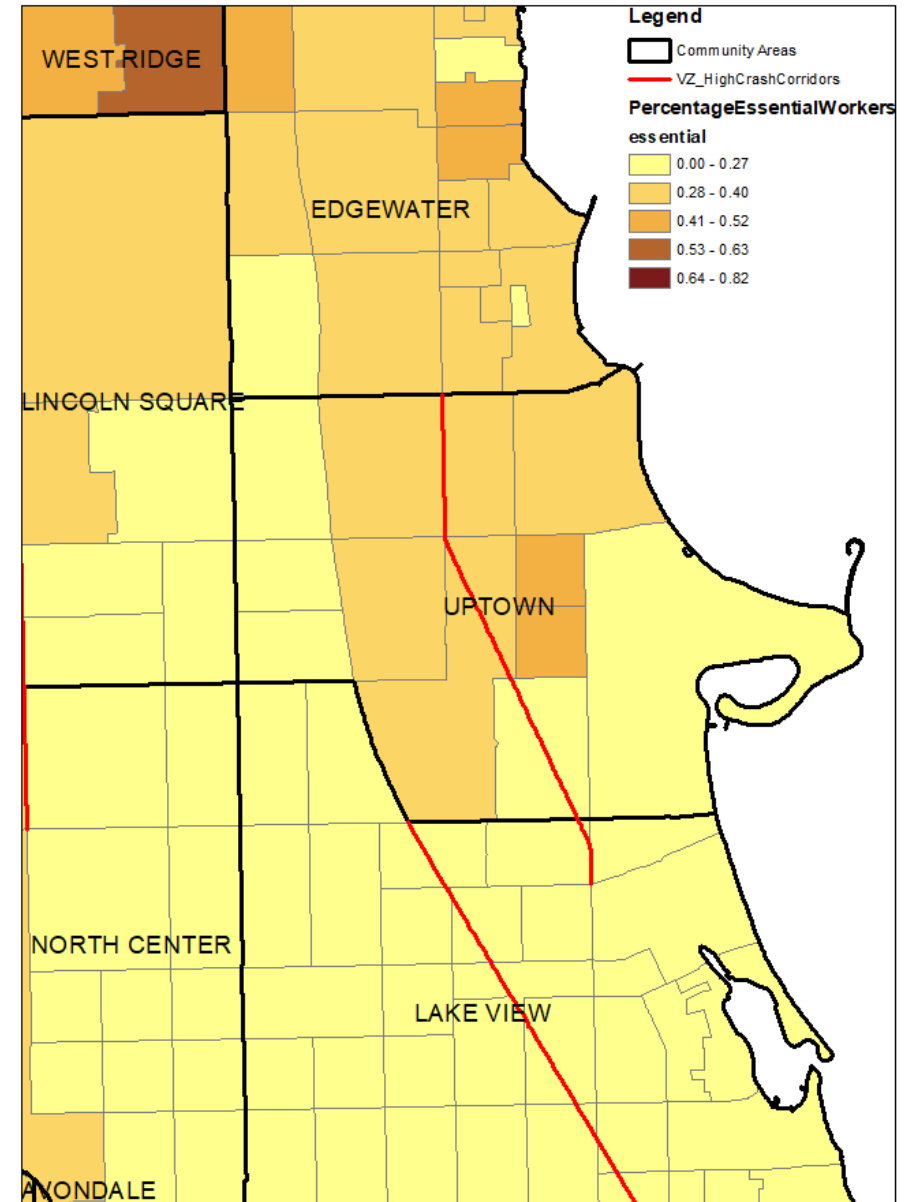
- White: 31,602 or 54.5%
- Latinx: 8,324 or 14.4%
- Black: 10,487 or 18.1%
- Asian: 5,812 or 10%

## Age Cohorts (ACS 2013-2017)

- 19 and under: 7,430 or 12.8%
- 20 to 34: 19,857 or 34.3%
- 35 to 49: 13,238 or 22.8%
- 50 to 64: 10,339 or 17.8%
- 65 to 74: 3,723 or 6.4%
- 75 and older: 3,386 or 5.8%

## High Crash Corridor

- High crash corridor #2 Broadway Street from Foster Avenue to Grace Street





# Essential Destinations

## Grocery Stores

- 10 grocery stores in proximity to high crash corridor #2

## Parks

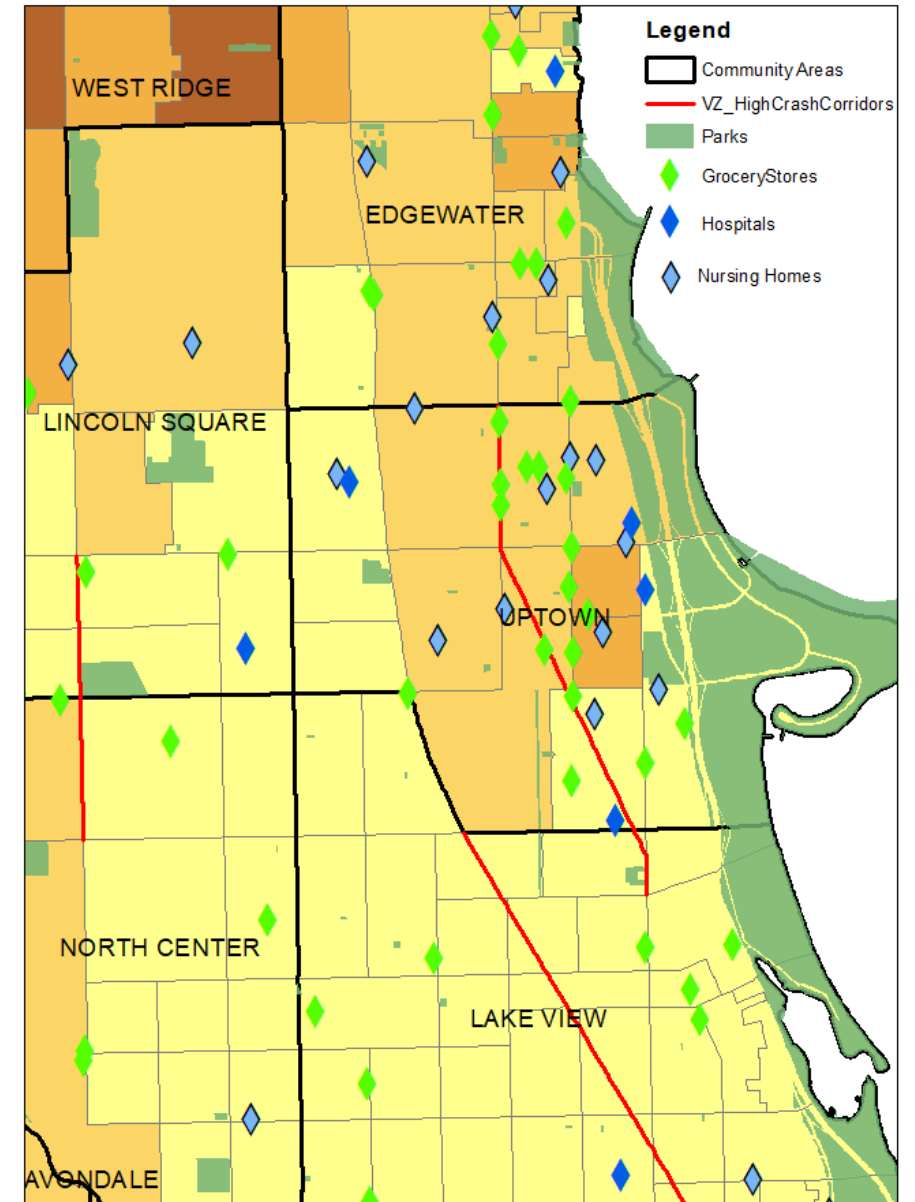
- Buttercup Park at 4913 N Sheridan Road
- Clarendon Park at 4501 N Clarendon Avenue
- Chase (Salmon) Park at 4725 N Ashland Avenue

## Hospitals

- Methodist Hospital at 5025 N Paulina Street
- Chicago Lakeshore Hospital at 4840 N Marine Drive
- Weiss Memorial Hospital at 4646 N Marine Drive
- Thorek Hospital at 850 W Irving Park Road

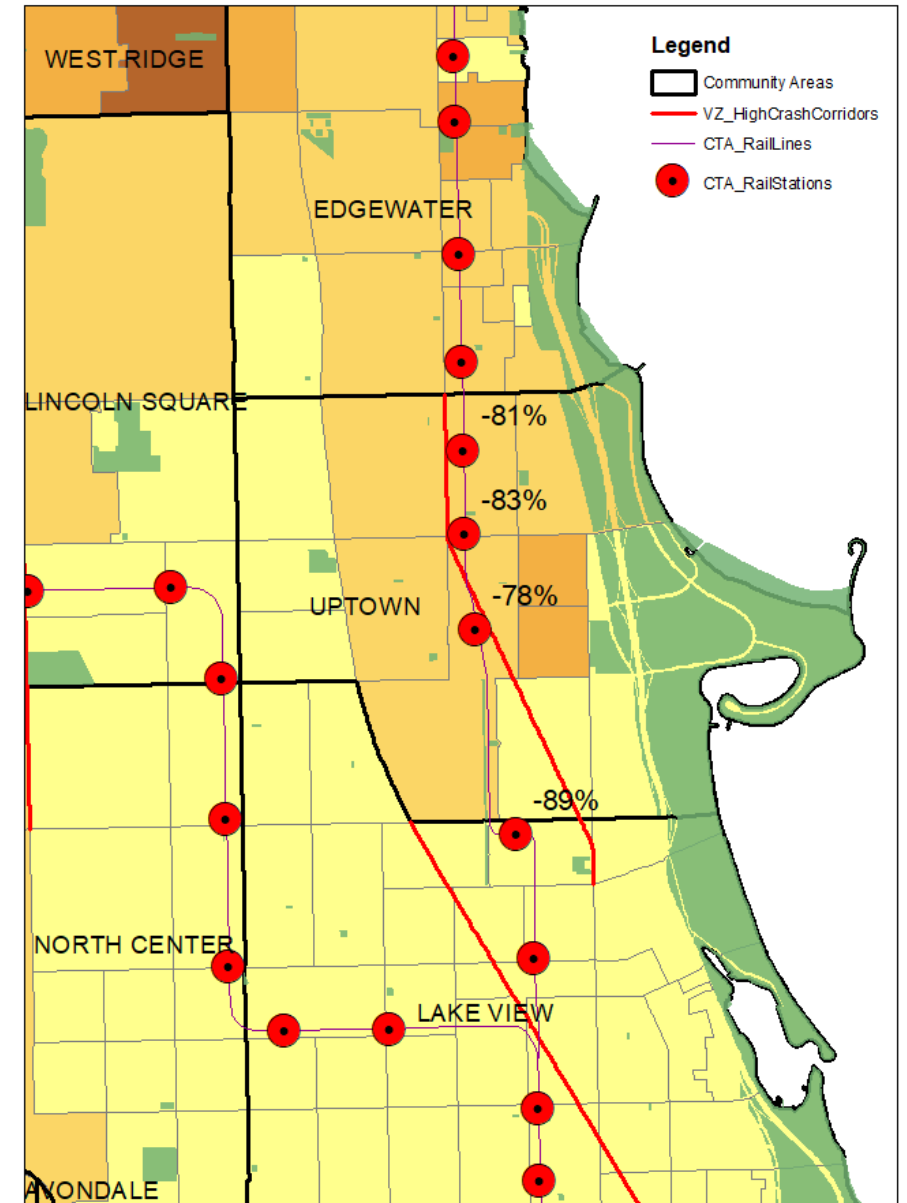
## Nursing Homes

- Chicagoland Methodist Nursing Home at 1415 W Foster Avenue
- Uptown Care Center Nursing Home at 4920 N Kenmore Avenue
- Alden-Lakeland Rehabilitation Nursing Home at 820 W Lawrence Avenue
- Carlton Skilled Nursing Home at 725 W Montrose Avenue
- MADO Nursing Home at 4621 N Racine Avenue
- Beacon Care Nursing Home at 4538 N Beacon Street



# CTA Rail Ridership Change After Shutdown from March 22-28, 2020

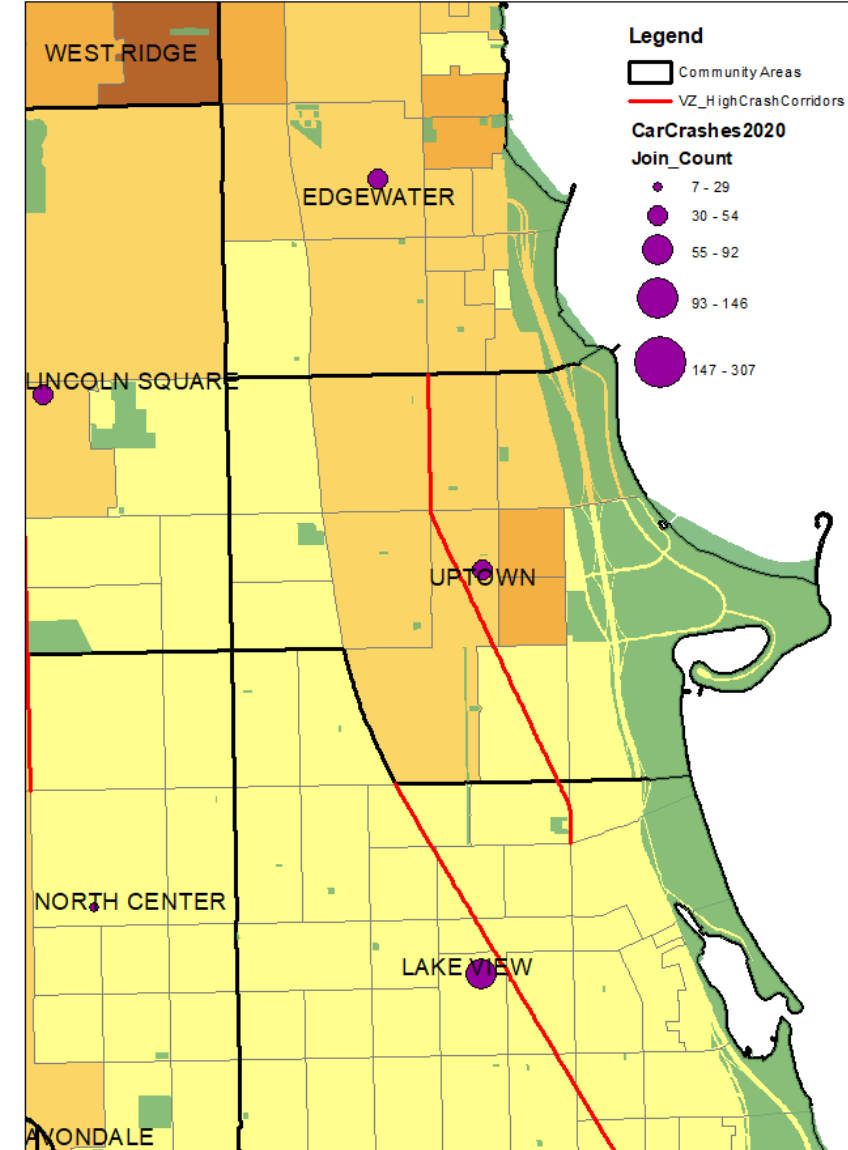
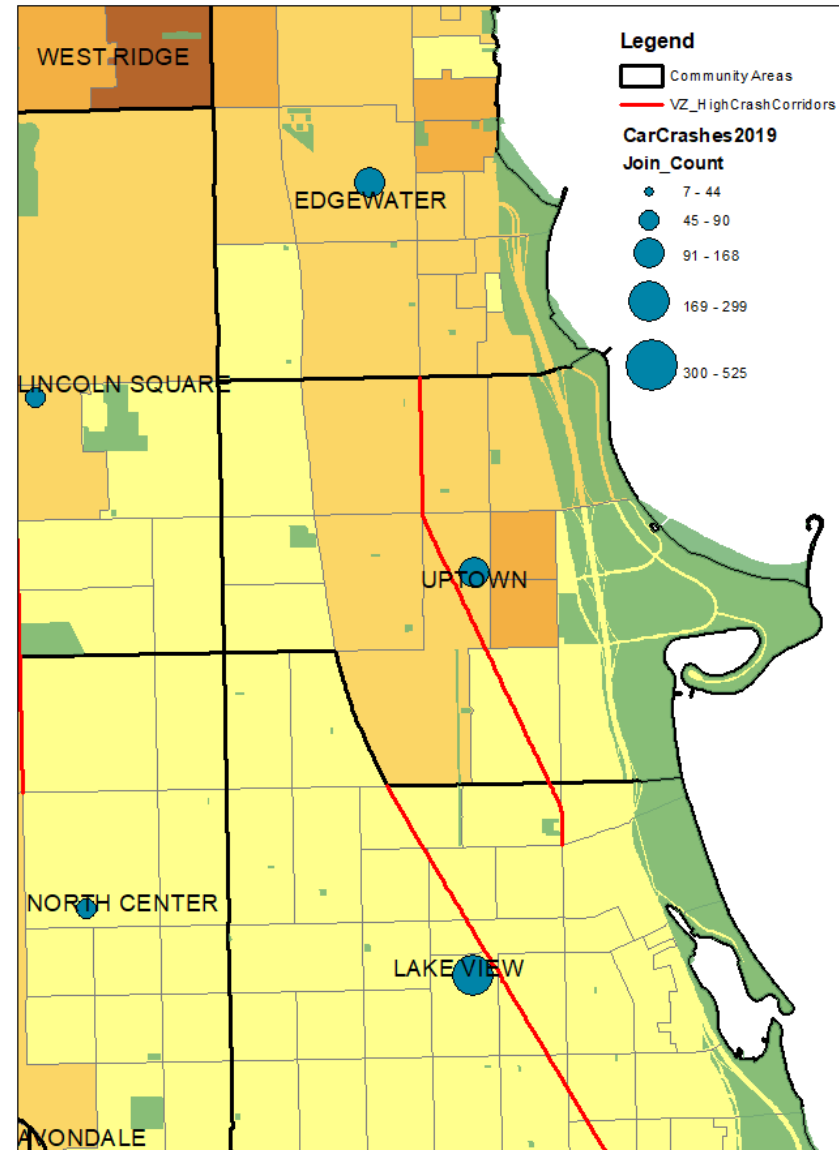
- CTA Sheridan red line station ridership decreased by 89%
- CTA Wilson red line station ridership decreased by 78%
- CTA Lawrence red line station ridership decreased by 83%
- CTA Argyle red line line station ridership decreased by 81%





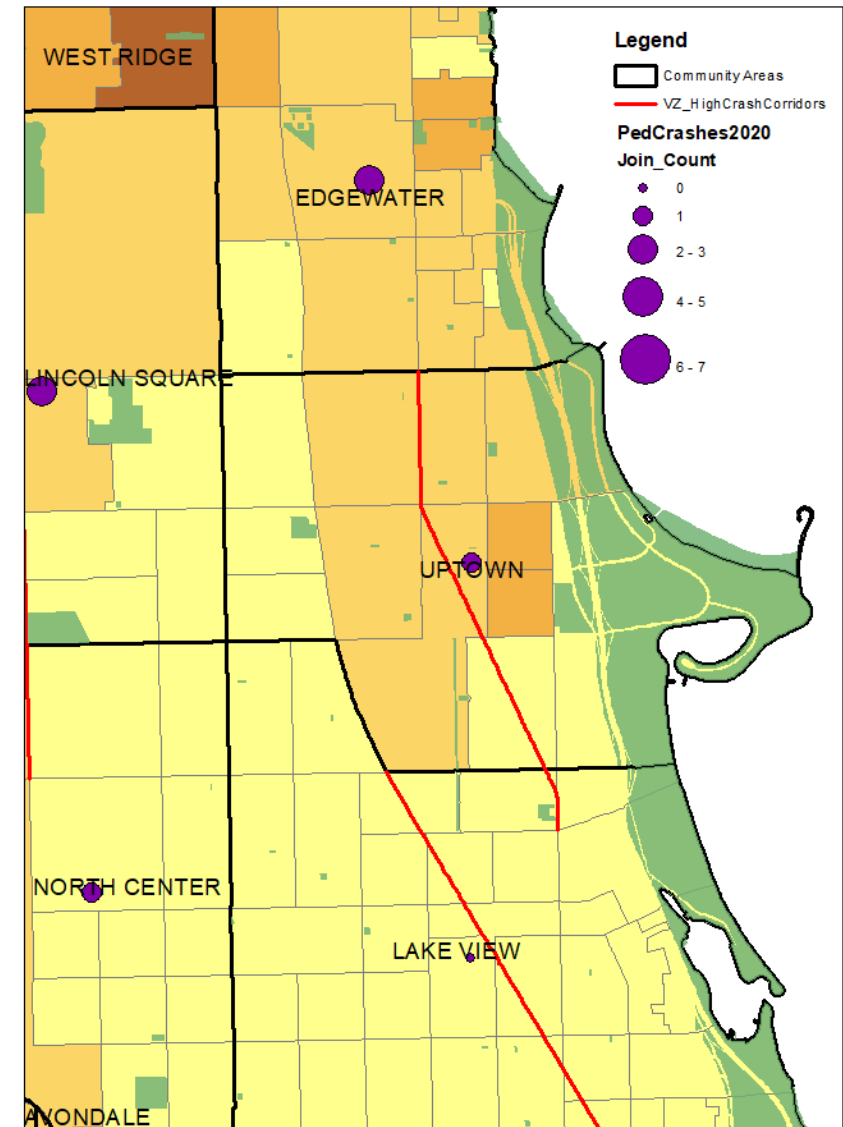
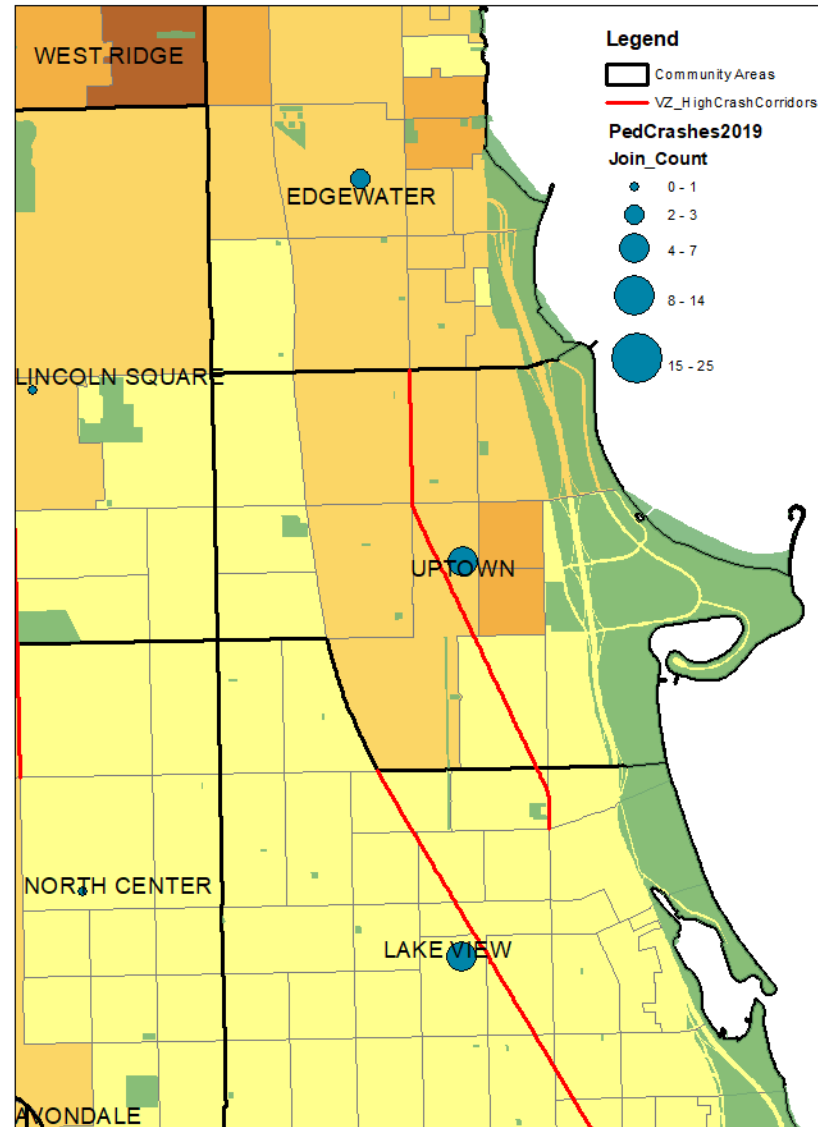
# Car Crashes from March 20 – April 21, 2019 and March 20 – April 21, 2020

- Car crashes in 2019: 115
- Car crashes in 2020: 36



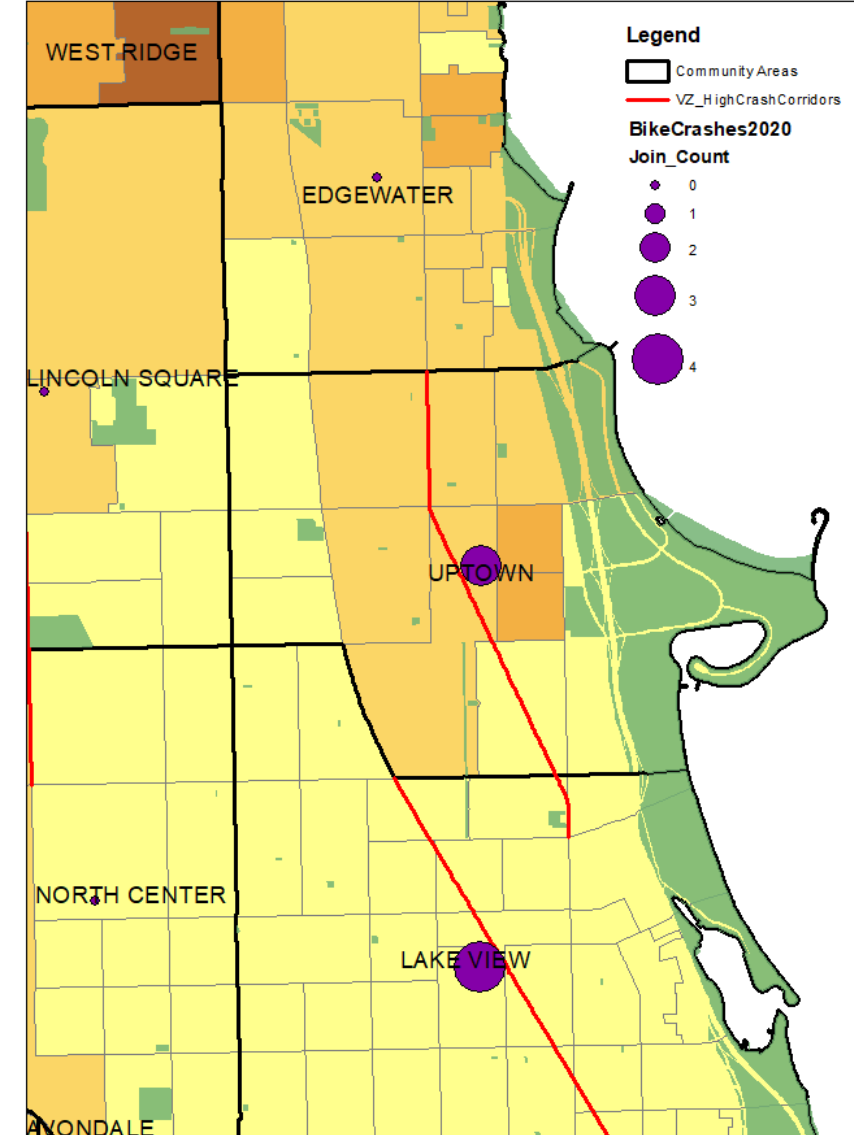
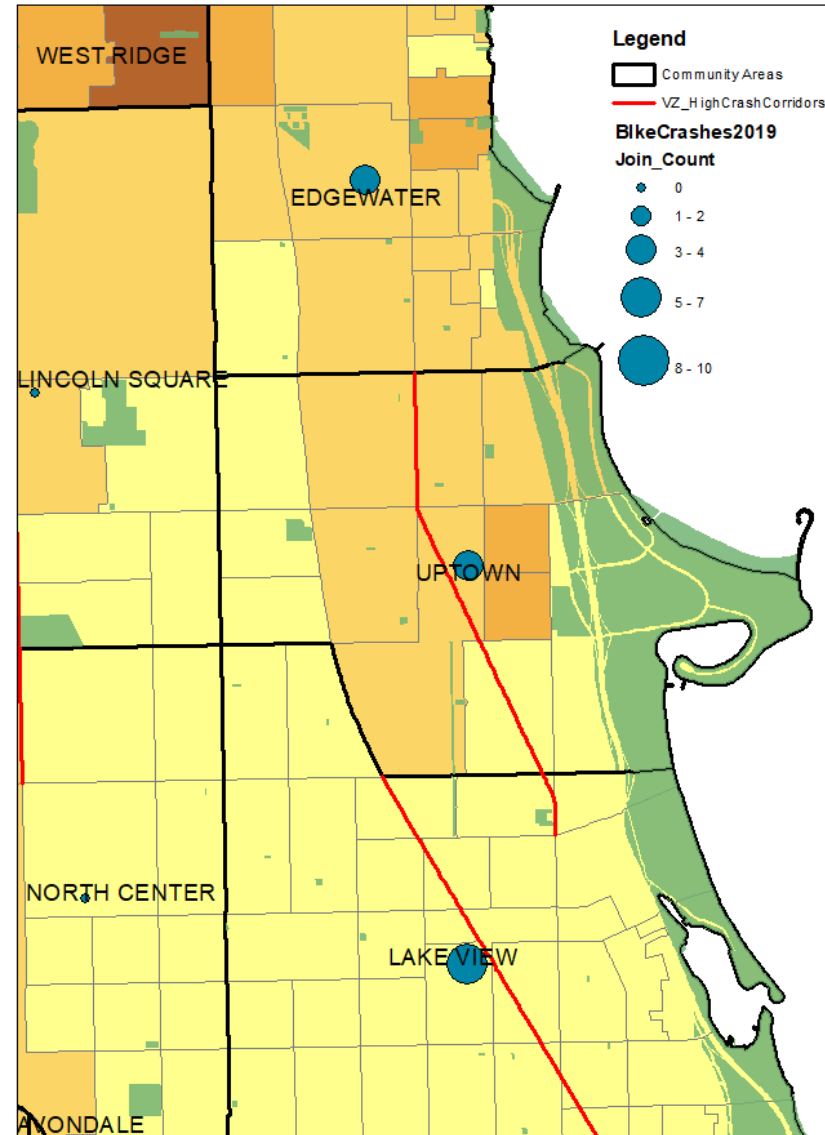
# Pedestrian Crashes from March 20 – April 21, 2019 and March 20 – April 21, 2020

- Pedestrian crashes in 2019: 5
- Pedestrian crashes in 2020: 1



# Bike Crashes from March 20 – April 21, 2019 and March 20 – April 21, 2020

- Bike crashes in 2019: 3
- Bike crashes in 2020: 3



# Next Steps

- Update the latest data of COVID-19 deaths for Chicago and the top five communities hit hardest
- Add additional data layers as they become available such as Divvy ridership
- Create a GIS Story Map presentation

# Questions

