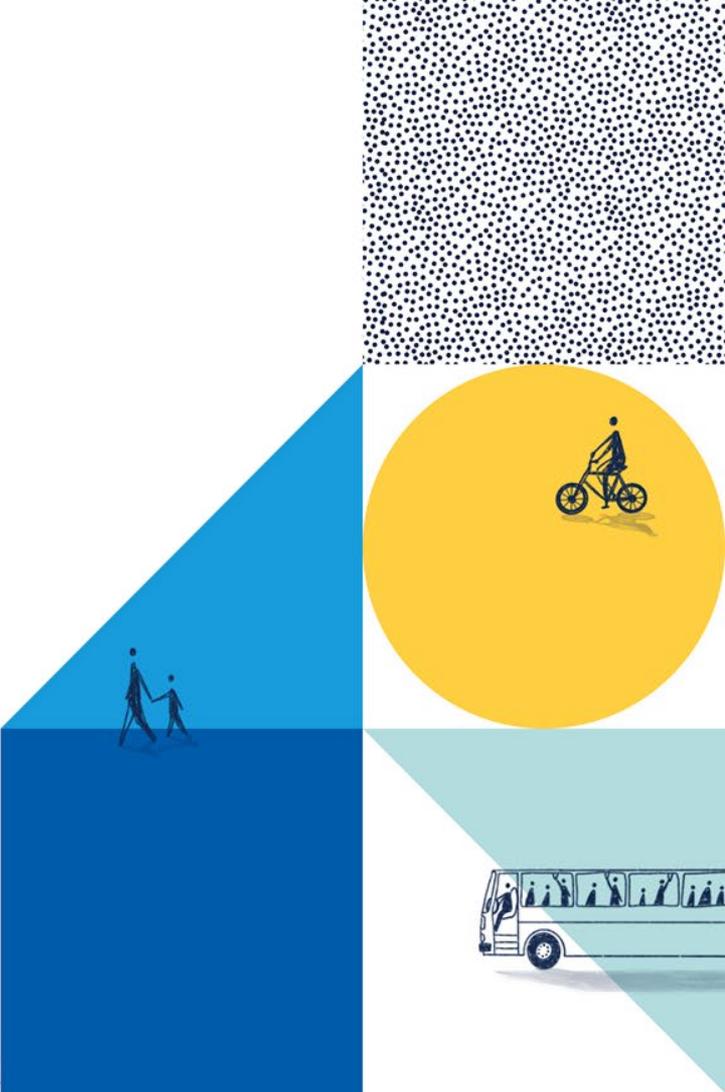
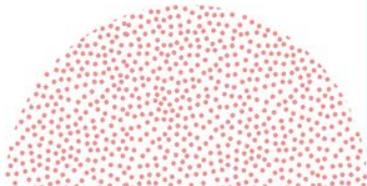


JUNE 15, 2021

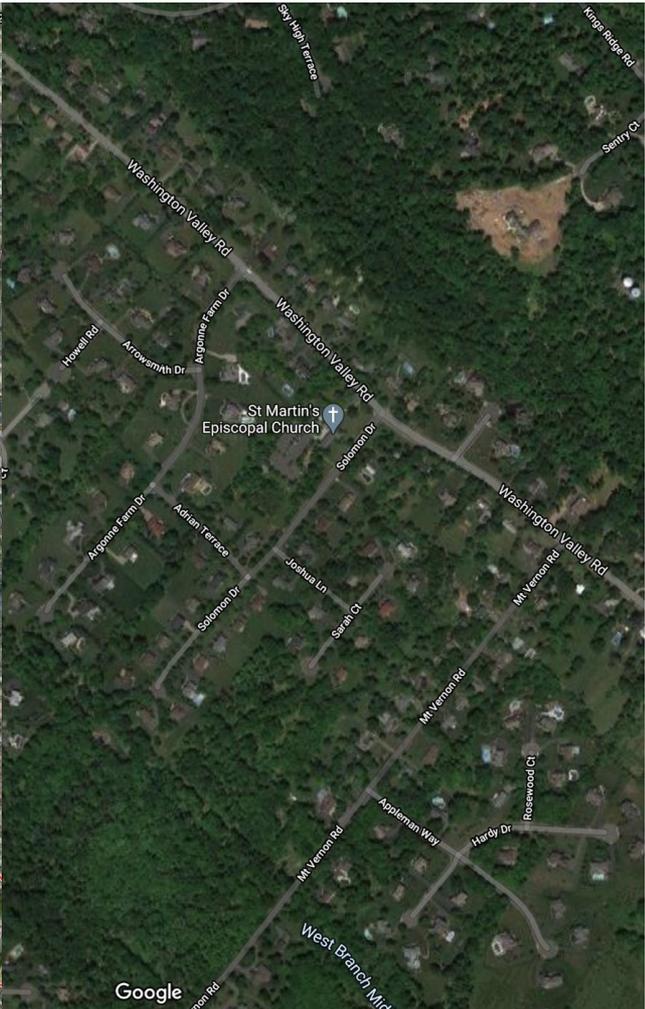
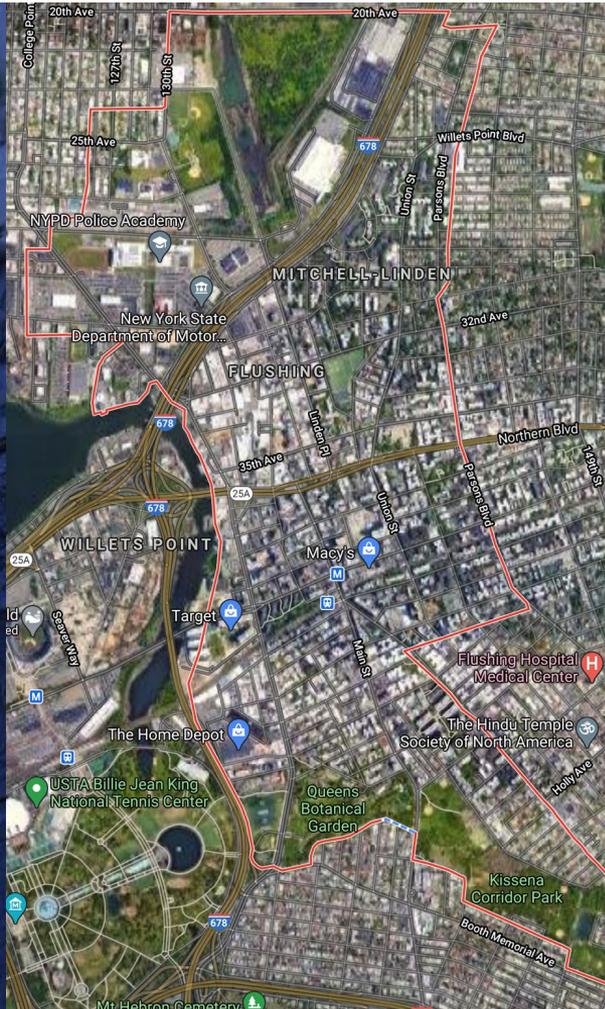
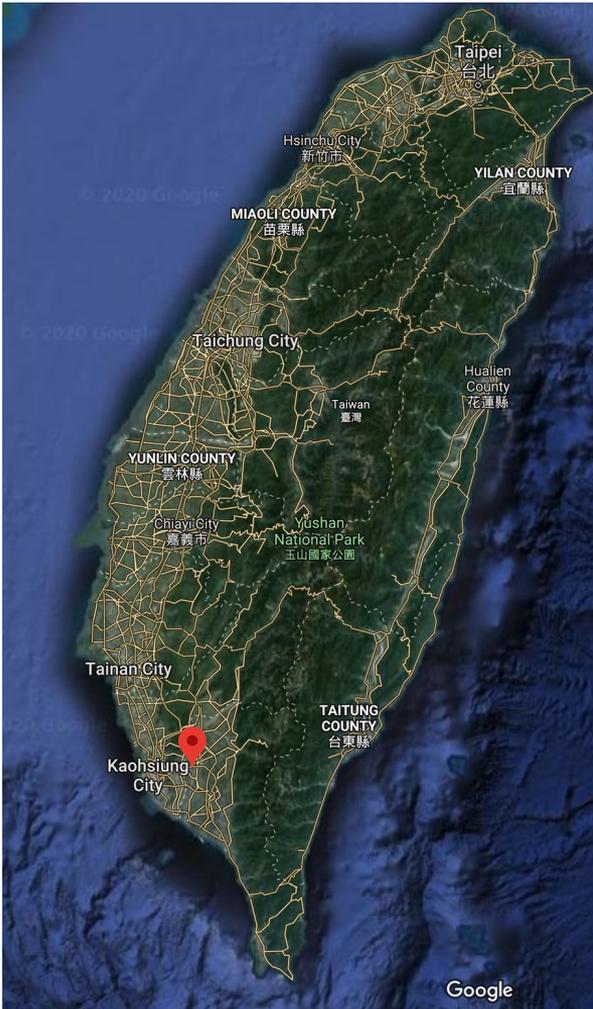
# The Post-Pandemic City

*SCAG's 32nd Annual Demographic Workshop*

Tiffany Chu  
SVP, Remix by Via  
@tchu88 • @remix • @ridewithvia



1. Hi! 🤝 Where I'm coming from
2. June 2020: Where were we?
3. June 2021: What have we learned?
4. June 2031: Where are we going?





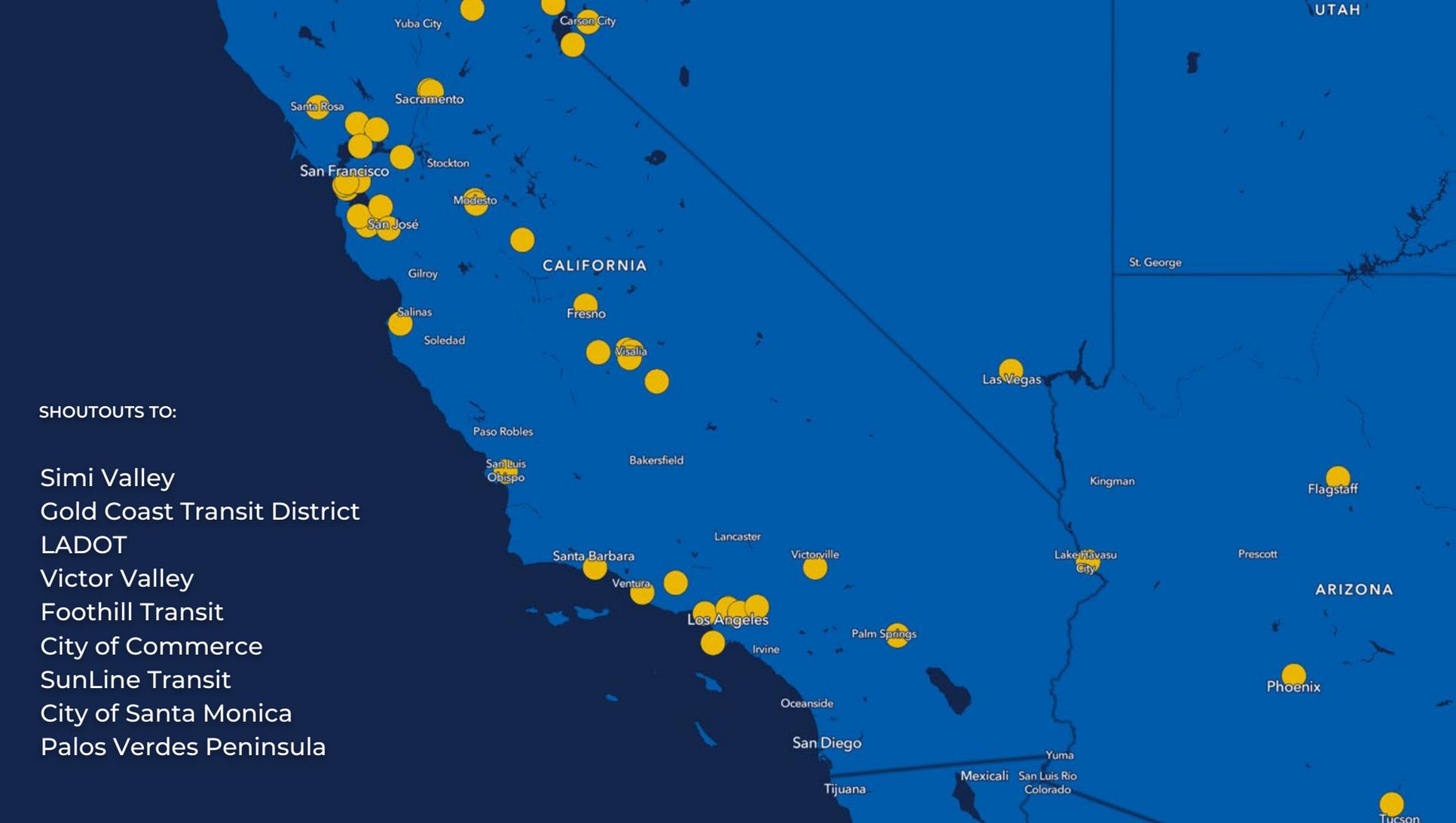
Remix founding  
team

CODE *for*  
AMERICA

A world map with a dark blue background and light blue landmasses. Numerous yellow circular markers of varying sizes are scattered across the map, indicating global reach. The highest concentration of markers is in North America, particularly in the United States. Other significant clusters are in Europe and the Pacific region. Smaller, single markers are visible in South America, Africa, and Australia.

GLOBAL REACH

Fast forward 5 yrs: Remix  
is the transportation  
planning tool of choice  
for 400+ cities & agencies  
around the world.



SHOUTOUTS TO:

- Simi Valley
- Gold Coast Transit District
- LADOT
- Victor Valley
- Foothill Transit
- City of Commerce
- SunLine Transit
- City of Santa Monica
- Palos Verdes Peninsula

# June 2020: Where were we?

POLITICO POLITICO PRO Europe Edition

# The death of the city

Teleworking, not the coronavirus, is making urban living obsolete.

By AITOR HERNÁNDEZ-MORALES, KALINA OROSHAKOFF AND JACOPO BARIGAZZI | 7/27/20, 4:02 AM  
CET | Updated 8/3/20, 12:28 PM CET

STRONG TOWNS

## Is COVID-19 the End of Cities?

Joe Cortright · April 21, 2020

## *America's Biggest Cities Were Already Losing Their Allure. What Happens Next?*

The urge among some residents to leave because of the coronavirus may be temporary. But it follows a deeper, more powerful demographic trend.



By Sabrina Tavernise and Sarah Mervosh

Forbes

# Will COVID-19 Kill Cities?



Roger Valdez Contributor

Policy

HOME > SCIENCE

## The coronavirus pandemic spells the end for big cities — again

Aria Bendix  
May 8, 2020, 4:44 AM



# Coronavirus FAQ: Is It Safe To Get On The Bus (Or Subway)?

August 28, 2020 · 5:04 PM ET

PRANAV BASKAR



A worker disinfects the inside of a bus in Addis Ababa, Ethiopia. Transit agencies are taking new steps to reduce the risks for riders during the pandemic.

*Michael Tewelde/Xinhua News Agency via Getty Images*

# Weekly ridership

4 weeks

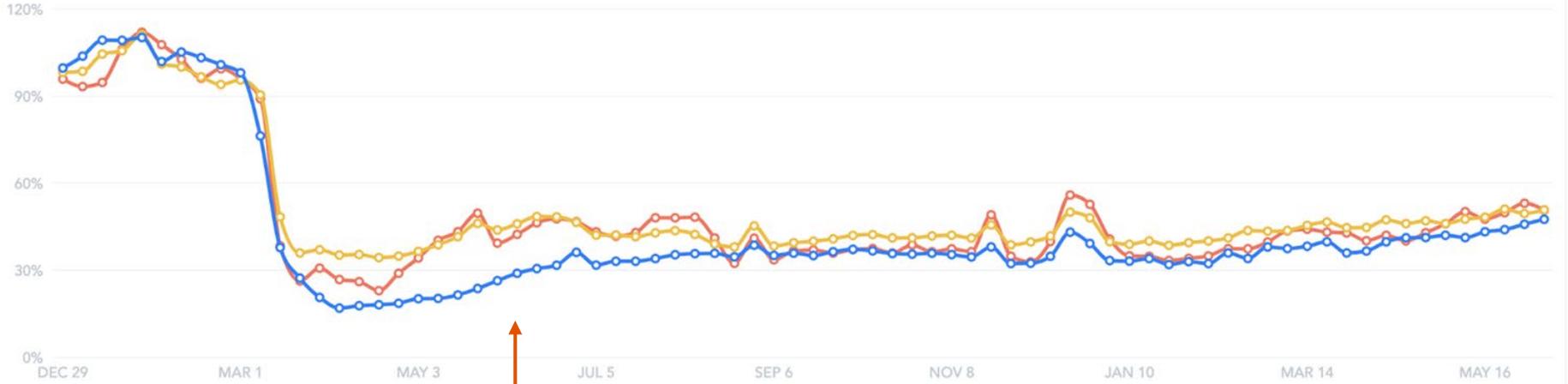
13 weeks

26 weeks

52 weeks

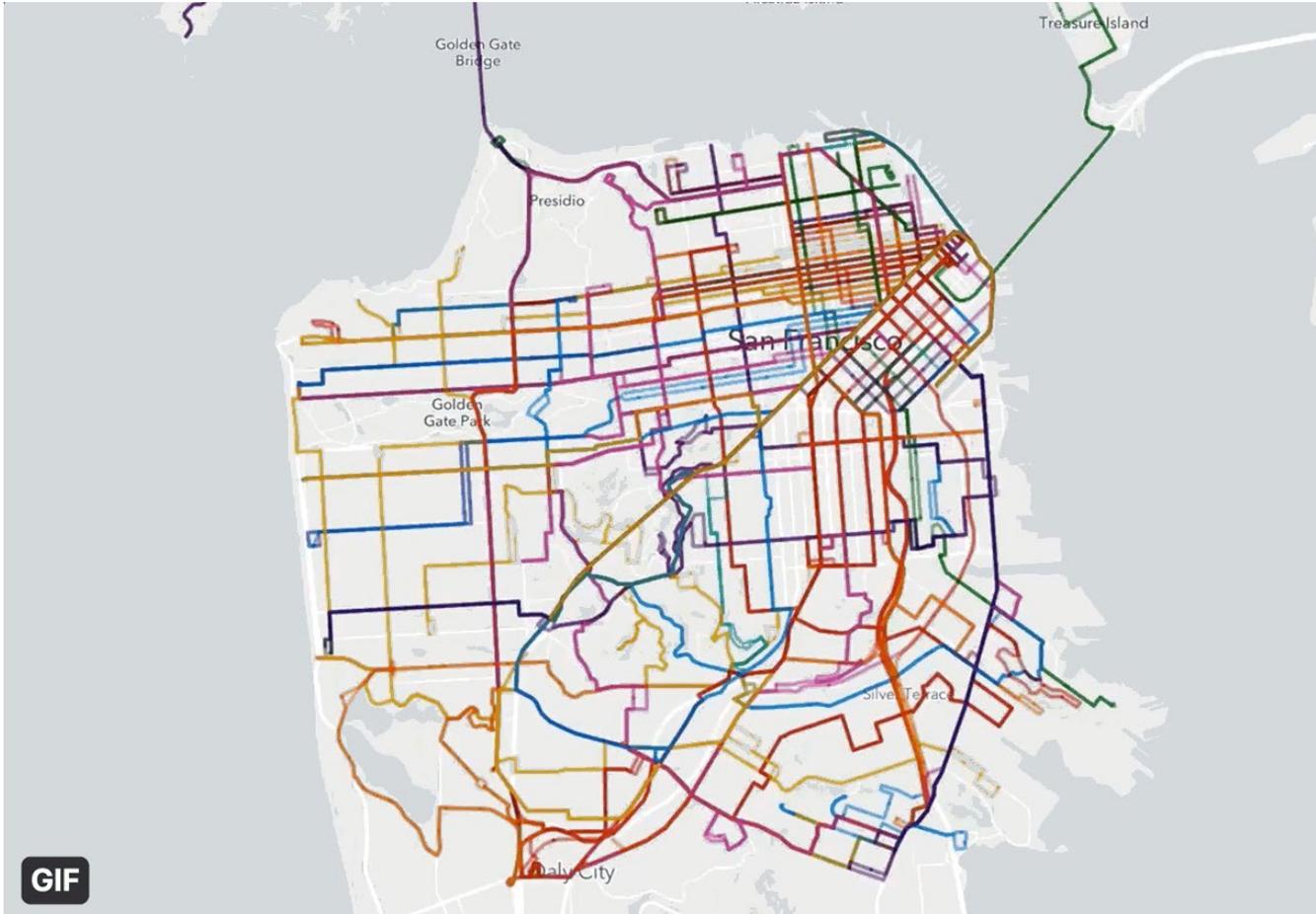
76 weeks

DOWNLOAD CSV 



-  2M+ 
-  500,000-1.99M 
-  Under 500k 





SFMTA service cuts during COVID



# NACTO: City Transportation Action Updates ☆

File Edit View Insert Format Data Tools Add-ons

City/Region	State	Country	Mode	Key Word	Title/Description	Date	Source	Link	Notes
Edmonton		Canada	Walk	Crossings, Signals	Novel Coronavirus (COVID-19): Pedestrian Signals	4/8/2020	City of Edmonton	<a href="https://www.">https://www.</a>	<a href="#">Pedestrian signals will become automatic at 56 intersections located in high pedestrian areas and around hospitals to eliminate the need to push buttons at these crossings.</a>
Edmonton		Canada	Ride-hail	Passenger Limits	New COVID-19 rules limit Edmonton taxis, ride-hailing vehicles to 1 passenger or household group	4/1/2020	CBC	<a href="https://www.">https://www.</a>	<a href="#">The restrictions are detailed in a State of Local Emergency Order issued by the city Wednesday, bringing ride-for-hire services into line with other businesses.</a>
Emeryville	CA	US	Walk	Crossings	Emeryville announces plan to eliminate 'beg buttons' at crosswalks in response to COVID-19	4/11/2020	SFGate	<a href="https://www.">https://www.</a>	
Fort Lauderdale	FL	US	Bike	Temporary Bike Lanes	Reopening: Hollywood Broadwalk closed, Fort Lauderdale's A1A has lanes for walking, cyclists	5/2/2020	Local 10	<a href="https://www.">https://www.</a>	In Fort Lauderdale, the city closed off northbound lanes to cars – the latest measure taken to allow for outdoor activity as portions of the state begin to reopen.
Forth Valley		UK	Bikeshare	Free Bikeshare	Free bike hire for Forth Valley's Key Workers	4/2/2020	NextBikes	<a href="https://www.">https://www.</a>	
Glasgow		Scotland	Bikeshare	Free Bikeshare	Thousands of free Glasgow nextbike memberships and e-bike rides for NHS staff	3/27/2020	nextbike	<a href="https://www.">https://www.</a>	
Guelph	ON	Canada	Walk	Crossings, Signals	Pedestrian crossings at most Guelph intersections now automated due to coronavirus	4/24/2020	Guelph Mercury	<a href="https://www.">https://www.</a>	
Hartford	CT	US	Walk	Signals, Crossings	ANALYSIS   Thinking Outside the Box – COVID-19 for Families Without Cars	4/23/2020	CT Junkie	<a href="https://www.">https://www.</a>	To date, Hartford's DPW has modified seven intersections across the city and has requested that the CT DOT modify signals on Albany Avenue, State Route 44. Signs were just installed at modified intersections reminding pedestrians that they no longer need to touch the button. This change both reduces touch points and virus transmission risks and increases safety for those walking.
Hillingdon		UK	Bikeshare	Free Bikeshare	Free bike hire for Hillingdon's NHS workers	4/6/2020	NextBikes	<a href="https://www.">https://www.</a>	



Maintain Transportation Systems ▾

Maintain Transit Systems ▾

Support Ops & Remote Staff ▾

Address Delivery & Pick-up ▾

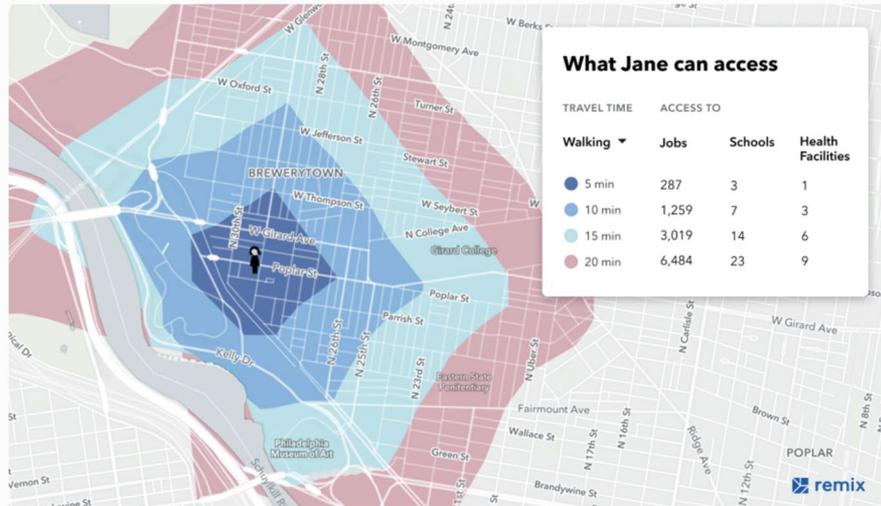
Relieve Crowded Areas ▾



Explore

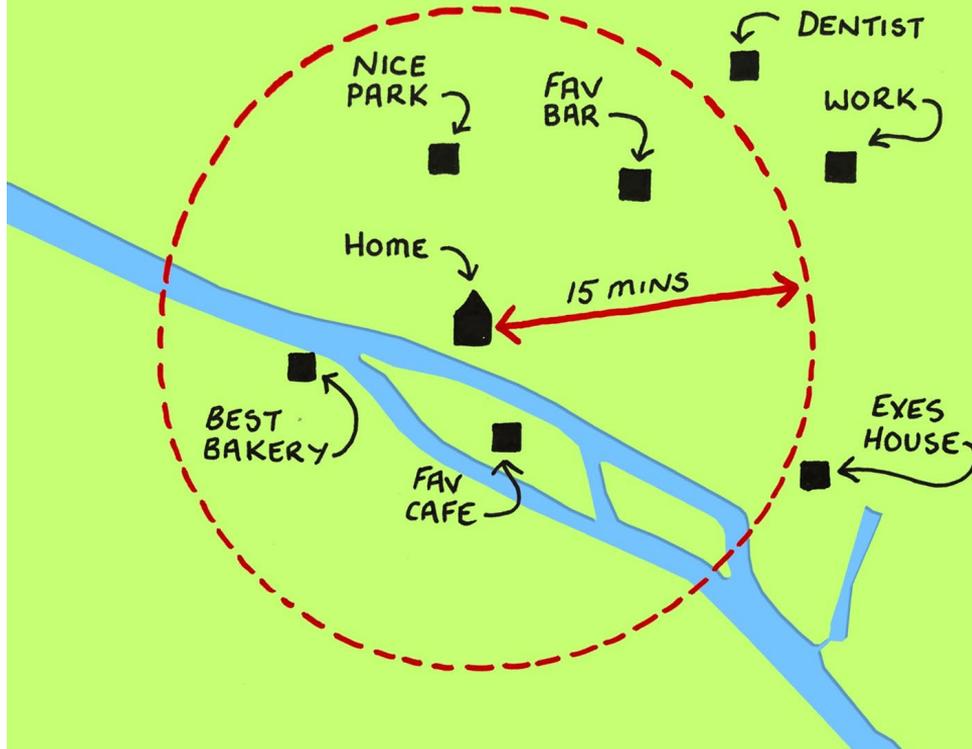
# Covid-19 Is Not The ‘Death Of The City’ – It’s The Rise Of The Neighborhood Center

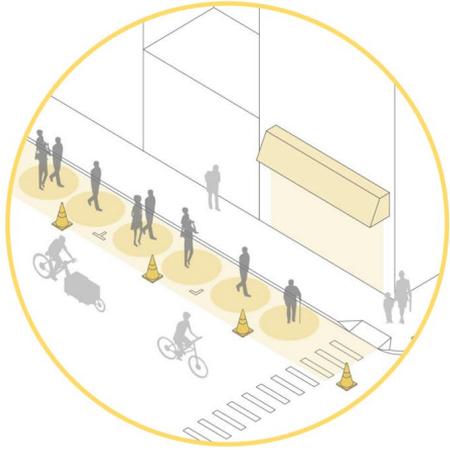
Transportation systems are often designed for peak commuters going downtown, which has plummeted since the pandemic. To not only recover but emerge improved, cities must invest in a travel pattern long neglected: the neighborhood trip.



An isochrone analysis of what's accessible within a 5, 10, 15, and 20-minute walk from Philadelphia's Brewerytown neighborhood. [-] REMIX

# THE IDEAL 15MIN ZONE



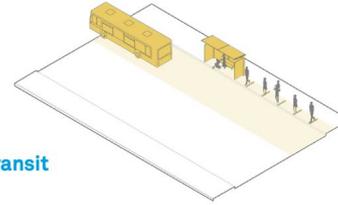


# Streets for Pandemic Response & Recovery

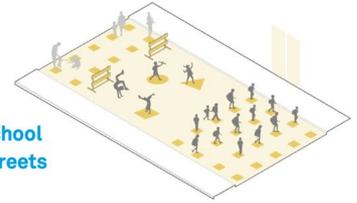


Global  
Designing  
Cities  
Initiative

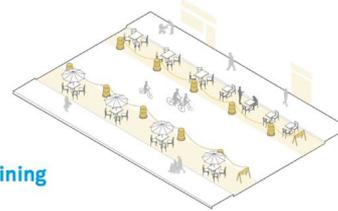
Transit



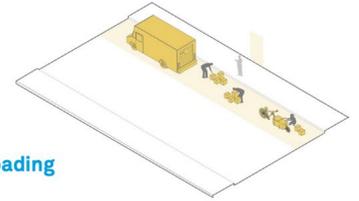
School  
Streets



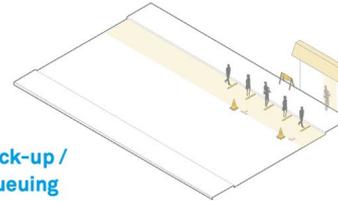
Dining



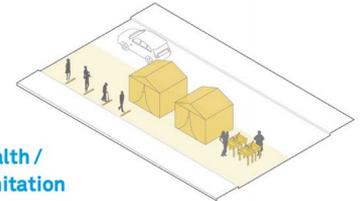
Loading



Pick-up /  
Queuing



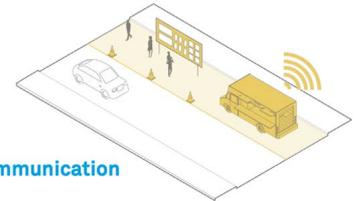
Health /  
Sanitation



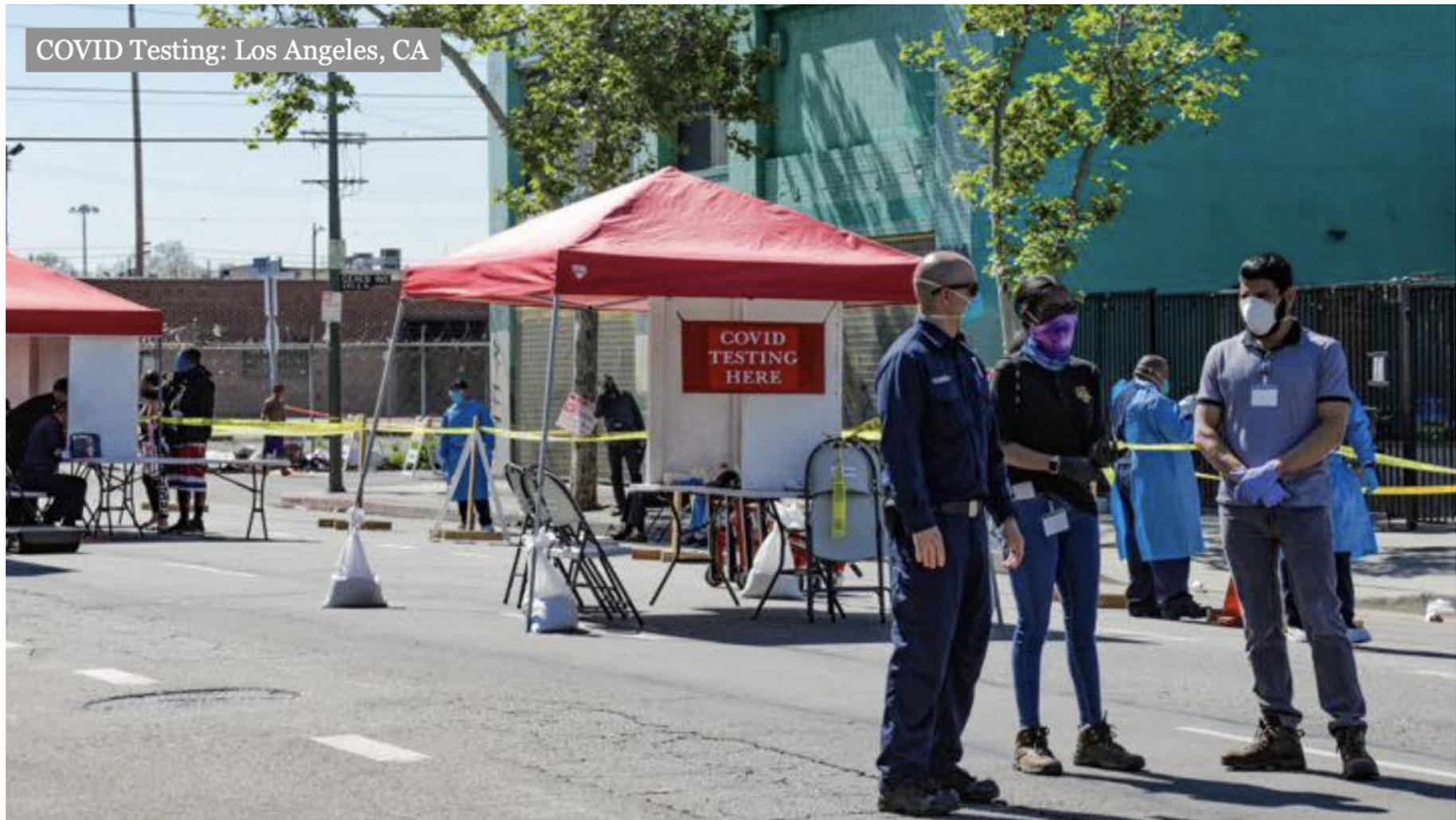
Open / Play  
Streets



Communication



COVID Testing: Los Angeles, CA



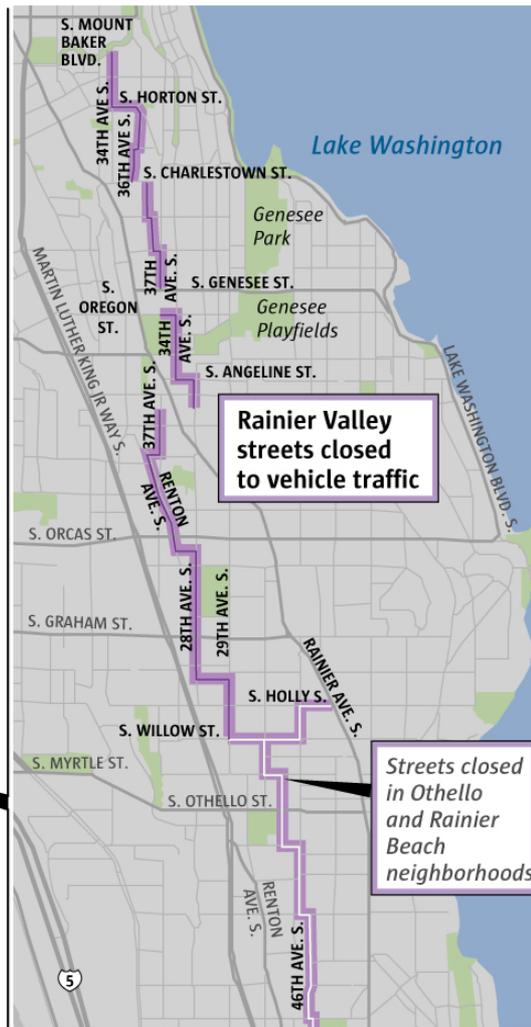
# 23 miles of Stay Healthy Streets in Seattle

Seattle has closed residential streets to through traffic in several neighborhoods to give people more room to walk and bike. The most recent closures are in the Rainier Valley.



Source: Seattle Department of Transportation

MARK NOWLIN / THE SEATTLE TIMES





Diana Budds @DianaBudds

a look at the typologies of COVID-19 improvisational architecture. first off: color blocking!



9:07 PM · Jul 7, 2020 · Twitter for iPhone

986 Retweets 199 Quote Tweets 5,875 Likes



Diana Budds @DianaBudds · Jul 7, 2020  
fencing 🚧 (really into the faux shou sugi ban)



plantasia 🌿 (+1 for the pizza place that used tomato cans as planters)



# First on-street, two-way protected bike lane in the region.



by [quenseyes](#) September 1, 2020, 9:06 am 8 Comments



Work has begun on the first on-street, two-way *protected* bike lane in the region. Ridge Road in Lackawanna is getting a bike-friendly makeover, with the installation of a 1.4-mile protected bike lane.

The temporary pilot project will allow the City to determine the practicalities of the project, and study the cyclists' interaction with the new feature, while determining the need for connectivity to existing and planned bike lanes and greenways, according to GObike Buffalo.



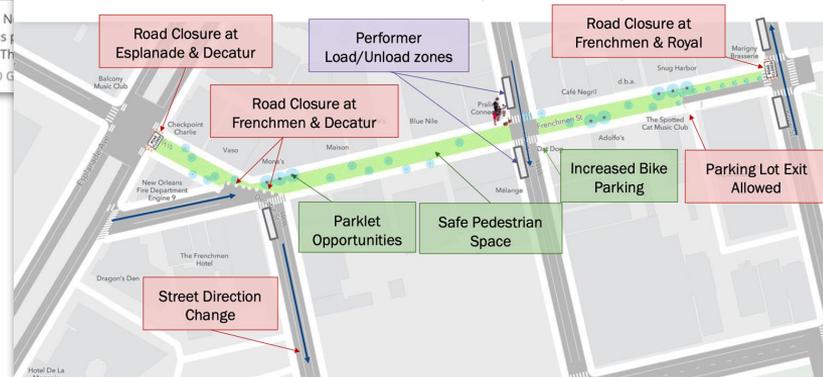
# French Quarter as pedestrian-only zone? LaToya Cantrell says she's for it, task force to study

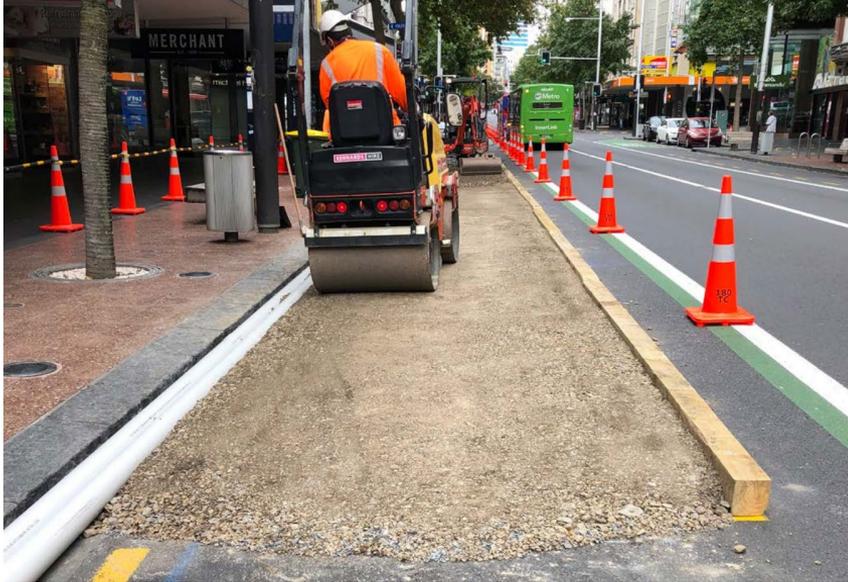
BY JESSICA WILLIAMS | STAFF WRITER MAY 27, 2020 - 1:19 PM 2 min to read



## FRENCHMEN ST: DAILY PEDESTRIAN MALL (7PM TO 4AM)

Bourbon Street in the N... during the coronavirus p... Grunfeld, NOLA.com, The... STAFF PHOTO BY DAVID G...





Credit: Auckland Transport

## Auckland, New Zealand

Auckland created more space for physical distancing on Queen Street using asphalt ramps, white safety posts, and paint to delineate extended sidewalks.



Credit: City of Boston

## Boston, MA, USA

MBTA installed a new permanent bus lane on Washington Street, which was preceded by a temporary lane using orange traffic cones.



Credit: Jain Weraphong

## Kalaw, Myanmar

In Kalaw, paint was used to mark vendor stall locations in the marketplace, separating vendors and allowing customers to shop safely.



Credit: LightRocket via Getty Image

## Turin, Italy

Public spaces have been transformed into learning spaces in a school garden in Turin.

# June 2021: What have we learned?

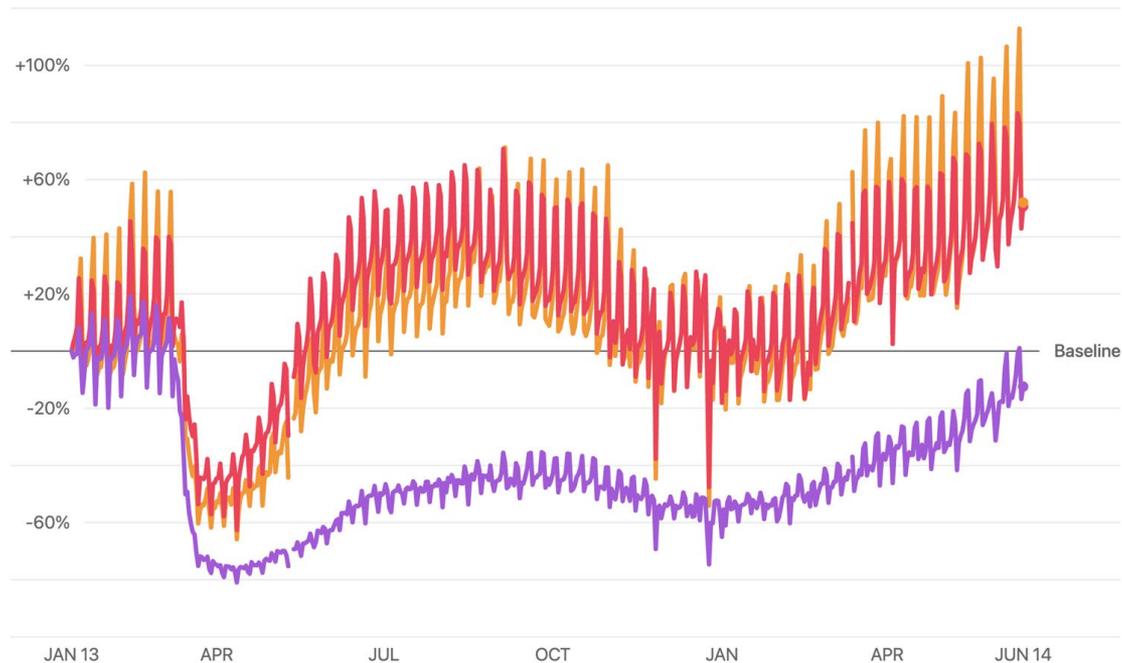
# Mobility Trends

Change in routing requests since January 13, 2020



Search (for example Italy, California, or New York City)

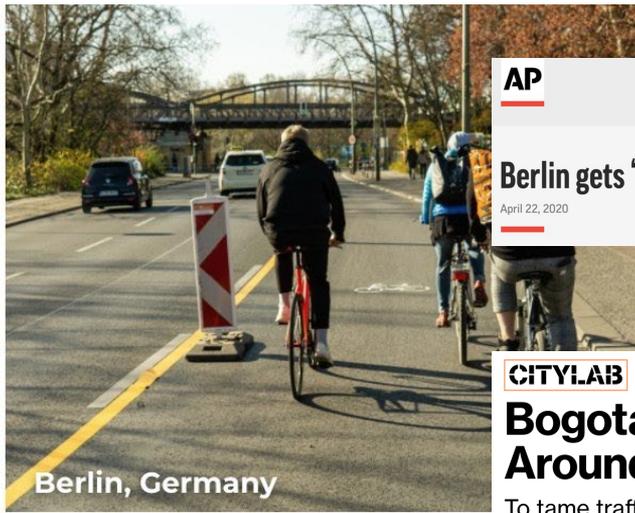
United States



- Walking +52%
- Driving +51%
- Transit -12%



Bogota, Colombia



Berlin, Germany

AP

## Berlin gets 'pop-up' bike lanes to boost cycling in pandemic

April 22, 2020

CITYLAB

## Bogotá Is Building its Future Around Bikes

To tame traffic after pandemic lockdowns, the Colombian capital has embarked on a bike-lane building spree that could be a model in Latin America.



Porto Alegre, Brazil



Indianapolis, Indiana

## World cities turn their streets over to walkers and cyclists

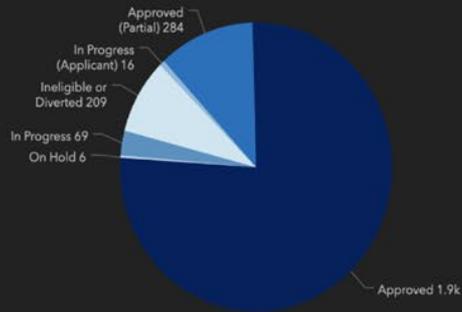
From Berlin to Bogotá there are new footpaths and bike lanes - but not in London

● [Coronavirus - latest updates](#)

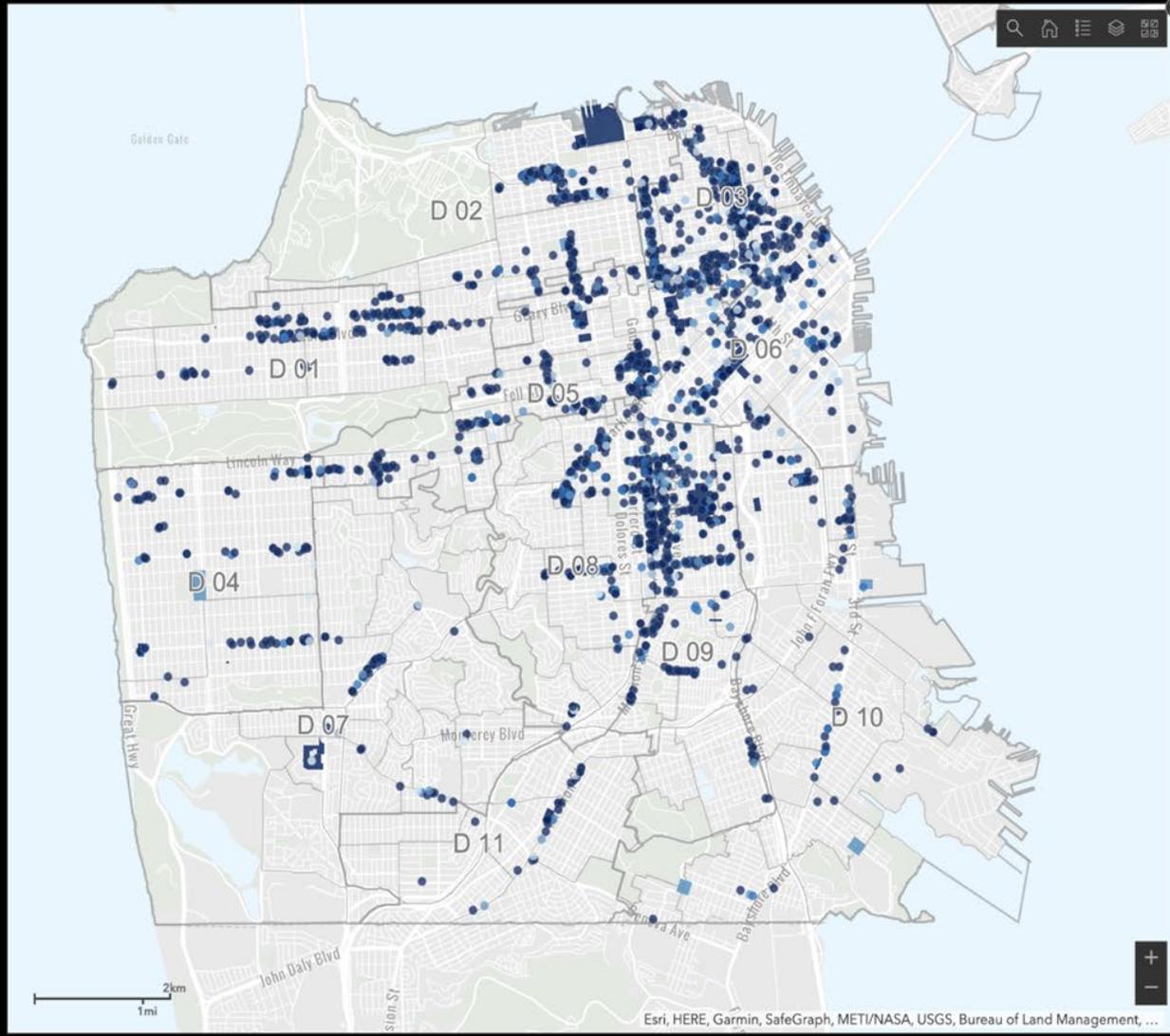
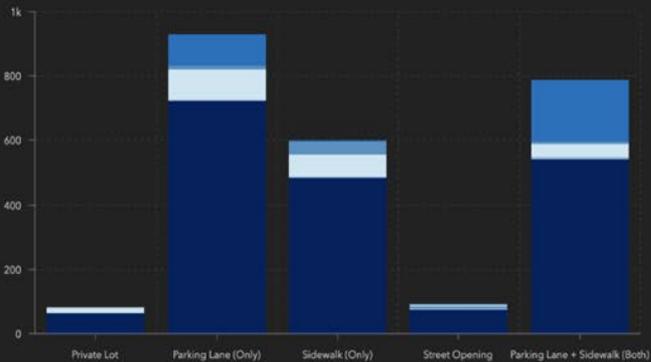
# Total Shared Spaces Applications

# 2,481

## Shared Spaces Applications Status



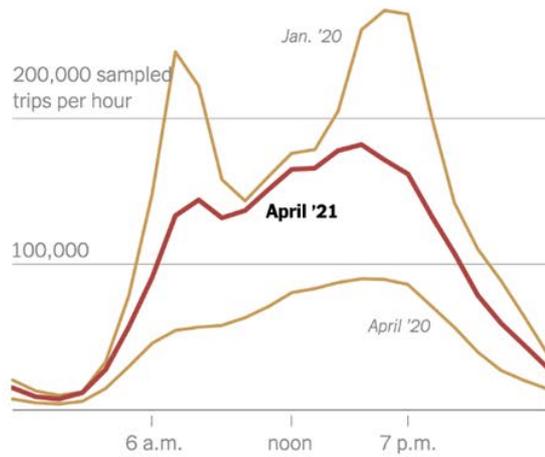
## Shared Spaces Applications Status By Type



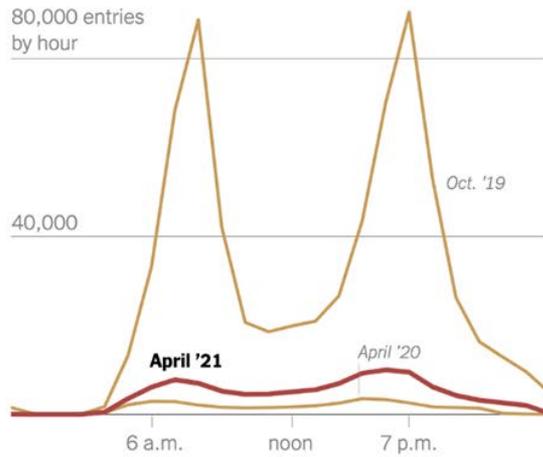
## Rush Hour Peaks in Washington Have Collapsed

A year after the pandemic began, they have yet to return on transit or roads.

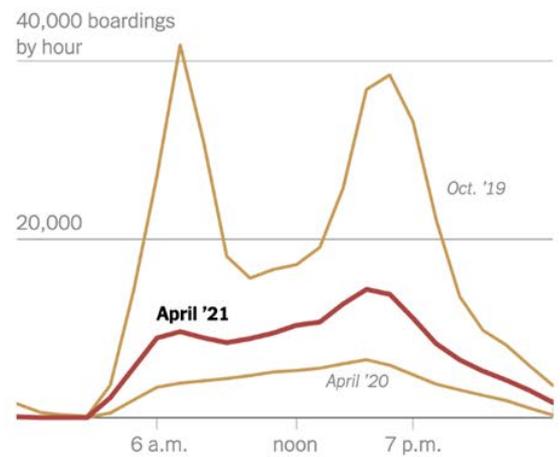
### Car traffic



### Metrarail



### Metrobus

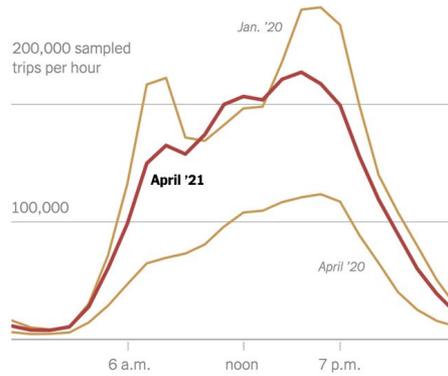


Note: Car traffic reflects a sample of anonymized passenger vehicle trips in the metro region that began or ended inside the city. Sources: Traffic data from a National Renewable Energy Laboratory analysis of INRIX data; transit ridership from the Washington Metropolitan Area Transit Authority.

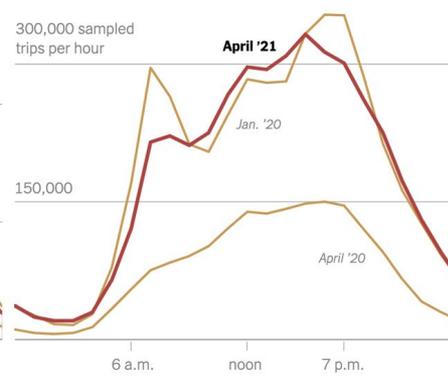
## How the Shape of Car Travel Has Changed

In some cities like Seattle and Atlanta, rush hour peaks have fallen or shifted, while in others like Des Moines, old peaks are back.

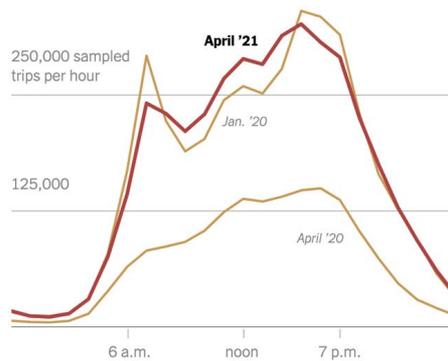
### Seattle



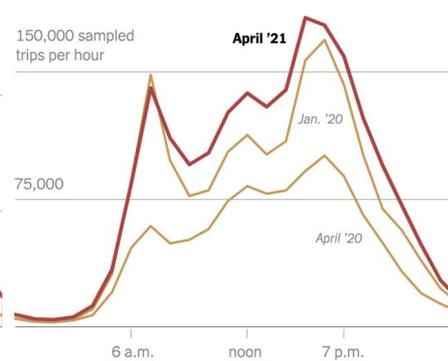
### Atlanta



### Denver



### Des Moines



Search **Bloomberg Businessweek** Sign In

The 'Climate Mayors' Are Very Ready for a Biden Administrati...

# The 15-Minute City —No Cars Required—Is Urban Planning's New Utopia

From Paris to Portland, cities are attempting to give residents everything they need within a few minutes of their front doors. Can it work—without leaving anyone out?

By Feargus O'Sullivan and Laura Bliss  
From **New Economy**

## Fifteen Minutes in Three Cities

Within 15 minutes of the + symbol

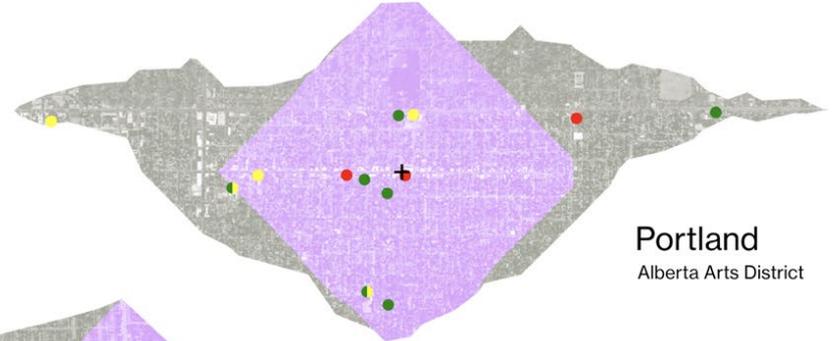
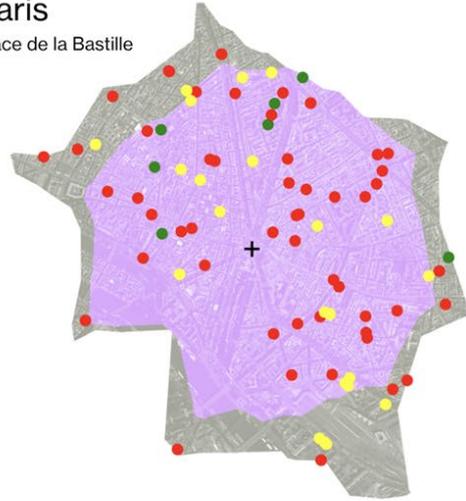
- On foot
- By public transit

- K-12 school
- Preschool or child-care center
- Grocery

1 km  
1 mi

### Paris

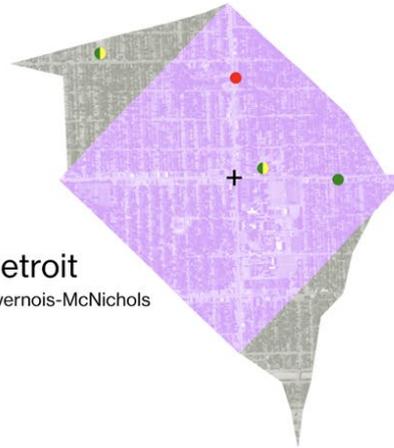
Place de la Bastille



### Portland Alberta Arts District

### Detroit

Livernois-McNichols



## How the American Jobs Plan aims to shape 4 pillars of city infrastructure

The package looks to inject billions into digital infrastructure, water, transportation and housing needs, emphasizing racial equity and sustainability throughout.

Published April 1, 2021

### Analysis: Biden infrastructure plan bets big on U.S. return to mass transit after COVID-19

By David Shepardson, Heather Timmons

4 MIN READ



WASHINGTON (Reuters) - U.S. President Joe Biden's sweeping \$2.3 trillion plan to rebuild America's crumbling infrastructure proposes doubling federal funding for mass transit and spending \$80 billion to expand and modernize passenger rail service.



## America Has Long Favored Cars Over Trains and Buses. Can Biden Change That?

The president's infrastructure plan tries to break from the past by shifting spending away from new roads and toward public transit. It won't be easy.

The New York Times

### How New Yorkers Want to Change the Streetscape for Good

The pandemic led to a mass experiment in closing streets to cars. New Yorkers embraced the change and want permanent spaces for playing, dining and performing.

## Biden's infrastructure plan calls for cities to limit single-family zoning and instead build affordable housing

Biden's infrastructure bill aims to curb exclusionary zoning, which has led to racial segregation and climate vulnerability for low-income Americans.

Romina Ruiz-Goiriena, USA TODAY

Published 6:36 AM EDT Apr. 14, 2021 | Updated 5:36 PM EDT Apr. 14, 2021

“Without having **high frequency public transit buses**, if a working person is 30 seconds late to catch that bus, they may have to wait an hour for the next bus to come, that may mean whether they keep their job or not. It’s critical. It’s about having frequency, making sure the bus stops are in the communities where people live and need to go to work”

- Vice President Kamala Harris  
(Apr 30, 2021 in Cincinnati)



**June 2031:  
Where do we want to be?**



“

**The future is already here...  
it's just unevenly distributed.**

WILLIAM GIBSON

The Economist, December 4, 2003





## The 3 types of people:

Those who **make things happen**

Those who **watch things happen**

And those who **wonder, what happened?**

*“The better news is that as we transform how we generate energy, how we move ourselves around, how we grow our food and how we live in cities, we have a historic opportunity to build a society that is fairer on every front.”*

**- Naomi Klein**

# Thank you.

Tiffany Chu  
SVP, Remix by Via  
@tchu88 · @remix · @ridewithvia

