TRAVEL MODE CHOICE DURING AND AFTER THE PANDEMIC

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I. TRAVEL MODE CHOICE DURING THE PANDEMIC
How commute frequency has changed?

People are commuting less frequently during the pandemic.
Has mode choice to commute changed?

People are using **less transit** but **more private vehicles and shared bicycle/scooter** to commute during the pandemic.
Has vehicle ownership changed?

15.27% people have reported that a vehicle has been purchased in their household (N=7596).

5.62% People have reported that a vehicle has been sold or donated in their household (N=8113).

3.70% People have reported both (N=7595).
Most people purchased a vehicle because they wanted to replace their vehicle.
Most people sold/donated their vehicle because they wanted to replace their vehicle. Financial issues and no commute were top reasons.
Are people switching travel modes to commute?

Change in mode choice from Pre-COVID-19 to During COVID-19

Pre-COVID-19
- Private Vehicle
- Shared bicycle/scooter
- Transit
- Personal bicycle/scooter
- Walk
- Other modes

During COVID-19
- Private Vehicle
- Not commuting
- Personal bicycle/scooter
- Transit
- Shared bicycle/scooter
- Walk
- Other modes

N = 4967
Are private vehicle users switching to other travel modes?

Change in mode choice from Pre-COVID-19 to During COVID-19

- Private vehicle
- Not Commuting
  - Transit
  - Personal bicycle/scooter
  - Shared bicycle/scooter
  - Walk

N = 4023

Majority private vehicle users have continued using the same mode.
Are transit riders switching to other travel modes?

Change in mode choice from Pre-COVID-19 to During COVID-19

N = 570

A significant portion of transit riders has switched to using private vehicles.
II. TRAVEL MODE CHOICE AFTER THE PANDEMIC
How pre-COVID19 mode usage compare to post-COVID19?

About 30% people would choose to walk more.

More than 20% people expect to drive more.
How rare transit passengers compare to regular transit passengers?

Regular transit users are those who were riding in transit at least a few times in a month before COVID-19. Rare transit users took transit less frequently than that.

Both types of passengers have reported that they will use transit less frequently.
Key Takeaways

Weekly commuting frequency has significantly reduced during the pandemic.

Fewer people are choosing to use transit during the pandemic – transit ridership might not return to ‘normal’ even after the pandemic.

The mode share of private vehicles have increased slightly during the pandemic – it might continue to have a bigger share after the pandemic as compared to that before.
Learn More At

covidfuture.org
Thank you!

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Commute frequency and 2019 household income

- Less than $10,000
- $10,000 to $49,999
- $50,000 to $99,999
- $100,000 to $149,999
- $150,000 to $199,999
- $200,000 or more

- Computing 5 days a week during the pandemic
- Commuting 0 day a week during the pandemic
Commuting 0 day a week during the pandemic

- Some grade/high school
- Completed high school or GED
- Some college or technical school
- Bachelor's degree(s) or some graduate school
- Completed graduate degree(s)

Computing 5 days a week during the pandemic

- Some grade/high school
- Completed high school or GED
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- Completed graduate degree(s)