

Puget Sound Regional Household Travel Survey (HTS) Program

2022 July 21

Corrected 2022 October 17



Puget Sound Regional Council

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Presentation Overview

- **Brief intro to the Household Travel Survey (HTS) Program**
- **Highlights from the 2021 survey**
(Contributions from PSRC HTS Analysis Group, especially: Christy Lam, Grant Gibson, Mary Richards)
- **Updates on the 2023 survey**



Puget Sound Regional Travel Studies

More frequent snapshots allows for more timely analysis and monitoring of trends. Data can be combined.



Webpage: <https://www.psrc.org/household-travel-survey-program>



Multi-year HTS Programs

Goal: The surveys seek to capture quality, regionally representative data for residents' activity and travel behavior on a typical weekday.

6-year program, 3 waves (2017, 2019, 2021): COMPLETED

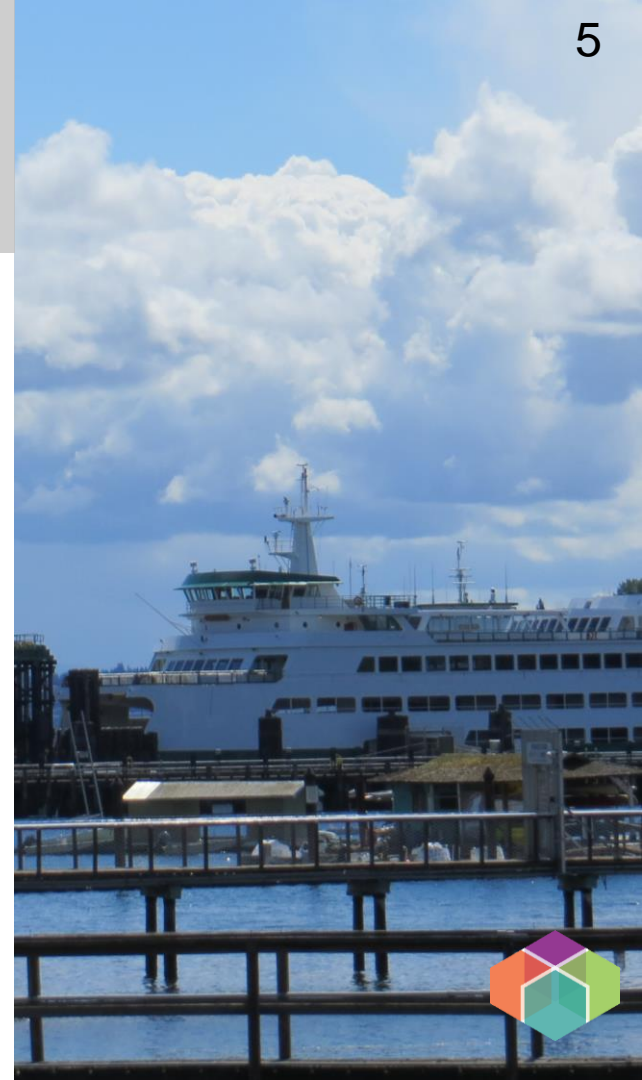
8-year program, 4 waves (2023, 2025, 2027, 2029): STARTED

For additional info, see 2022 January 20 RSC presentation:
<https://psrc.org/sites/default/files/rsc2022jan20-pres-household-travel-survey.pdf>



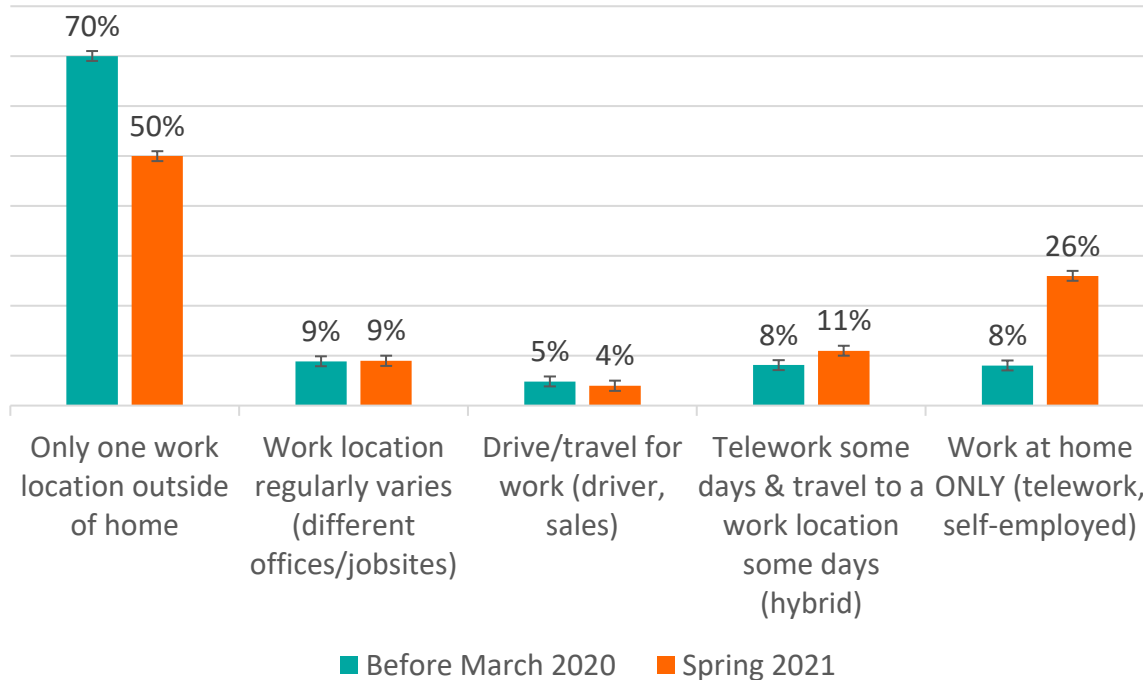
Highlights from the 2021 HTS

- **Work location**
- **Commute mode shares**
- **Residential displacement**



Work location (2021 survey)

Before March 2020 & Spring 2021

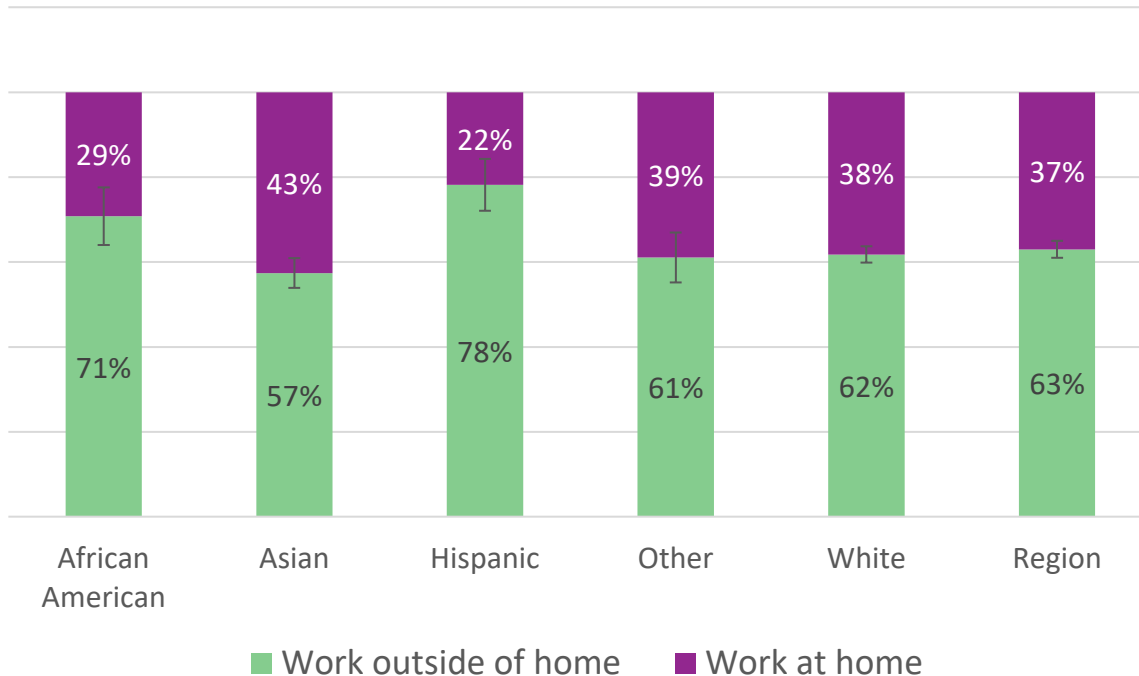


- 2021 survey asked workers about their work location for two periods, also added “hybrid” option (telework some days, travel some days)
- **Jump in teleworkers**
- **Most workers (63%) worked outside of home in 2021**



Work location (2021 survey)

By Race/Ethnicity for Spring 2021



- “Work at home” groups “Work at home ONLY” & “hybrid”
- “Work outside of home” groups other three categories
- **African American & Hispanic workers more likely to work outside of home in 2021 than other racial groups**



Work location (2021 survey)

By Industry

“Work outside of home” top industries

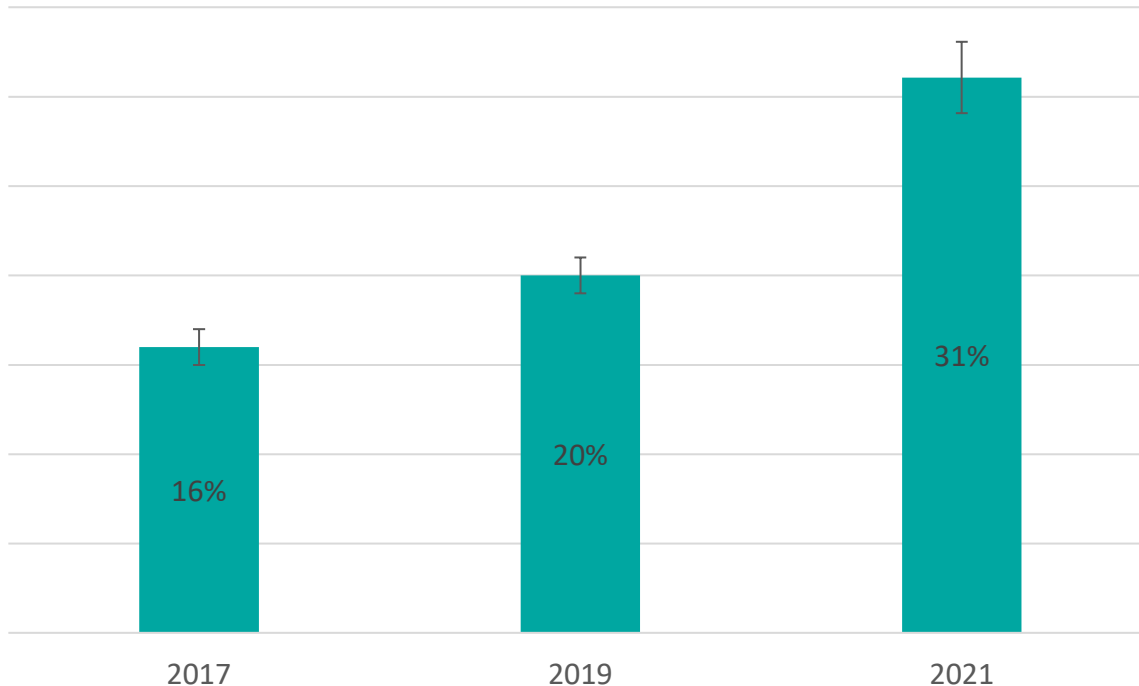
- Military (98%)
- Healthcare & social services (81%)
- Hospitality & retail (81%)
- Construction & resources (79%)
- Personal services & childcare (74%)

“Work at home” top industries

- Media & entertainment (78%)
- Technology & telecom. (73%)
- Prof. & business services (62%)
- Government (57%)
- Finance & real estate (56%)



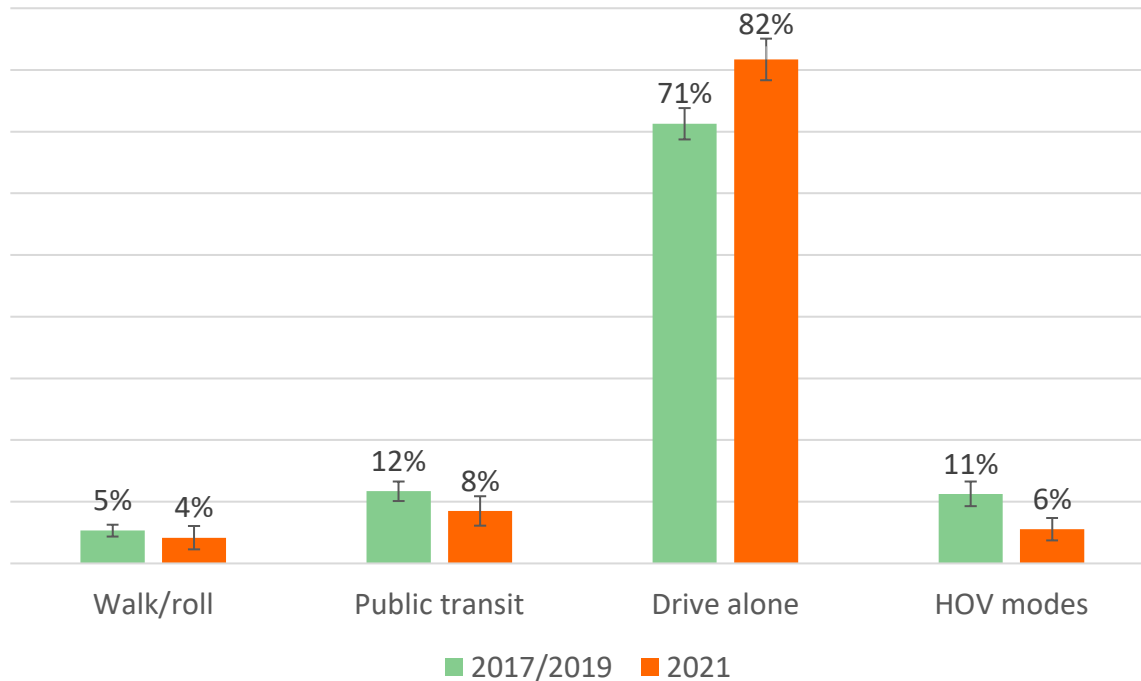
Teleworked at least once last week (2017, 2019, 2021 surveys)



- Workers whose work location was outside of home or telework some days were asked how many days they teleworked last week
- **Upward trend started before the pandemic**



Commute mode (2017, 2019, 2021 surveys)

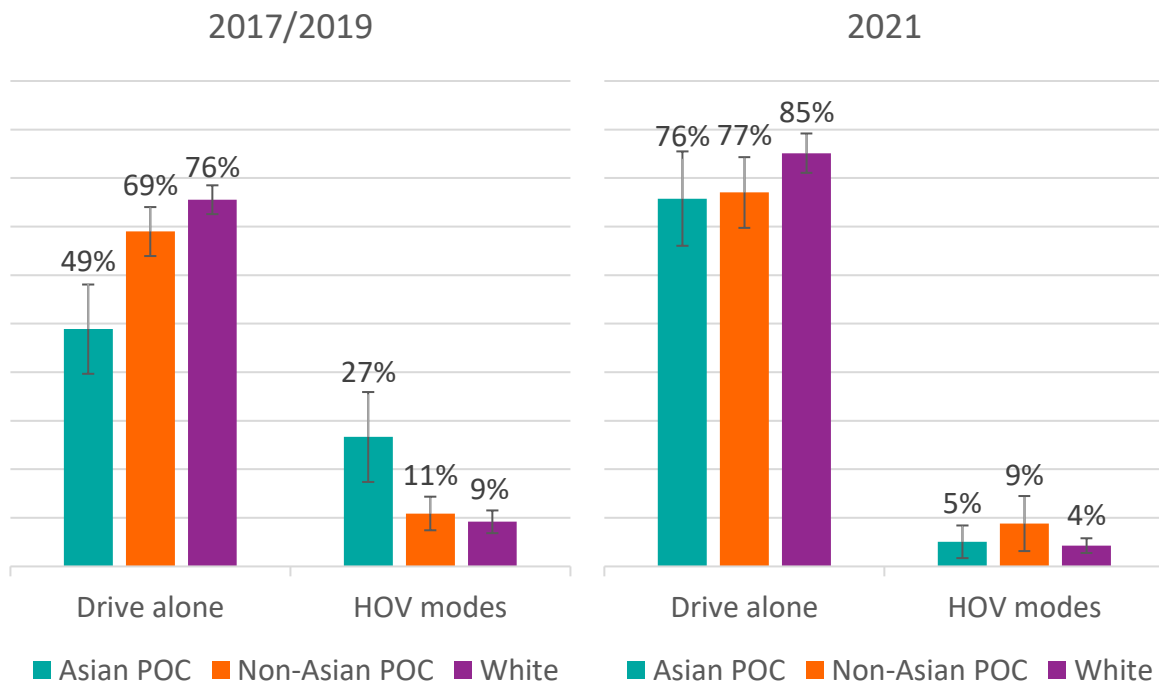


- Workers whose work location was outside of home or telework some days were asked about commute mode
- **Jump in drive alone commute mode share**
- **Other commute mode shares stable or dropped**



Commute mode (2017, 2019, 2021 surveys)

By Race/Ethnicity

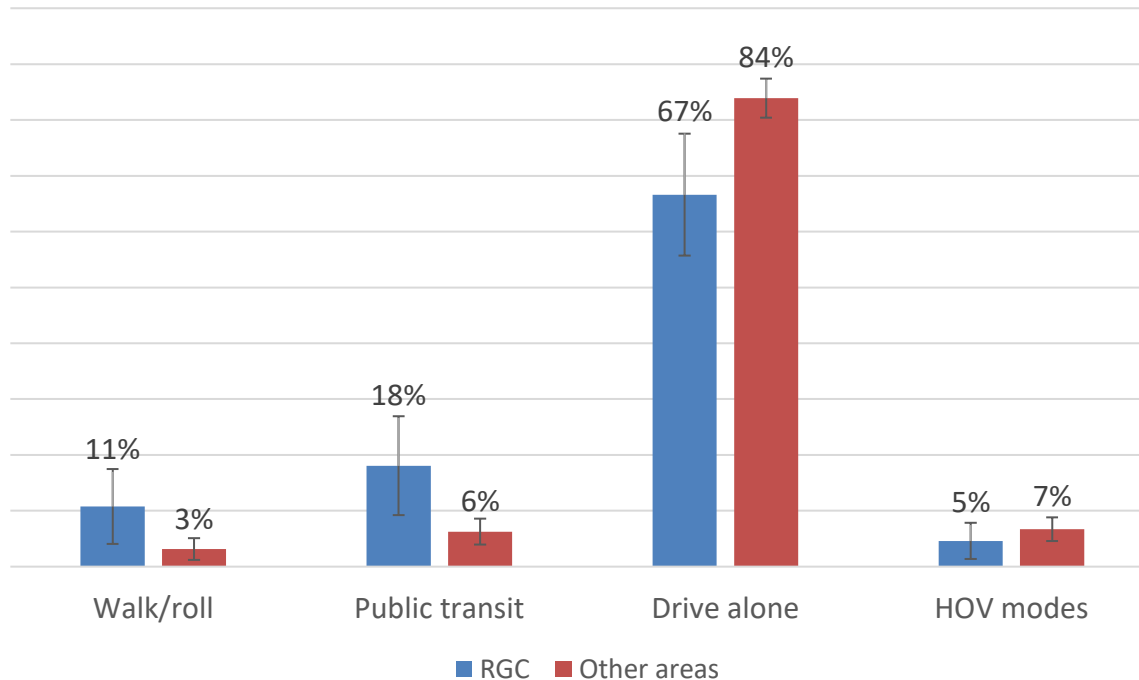


- Workers whose work location was outside of home or telework some days were asked about commute mode
- **2017/2019: Asian commuters drove alone less & used HOV modes more**
- **2021: no statistical differences**



Commute mode (2021 survey)

By Regional Growth Centers (RGC) & Other areas



- Workers whose work location was outside of home or telework some days were asked about commute mode
- **Commuters of RGC drove alone less & took more transit**
- **Consistent with past years**



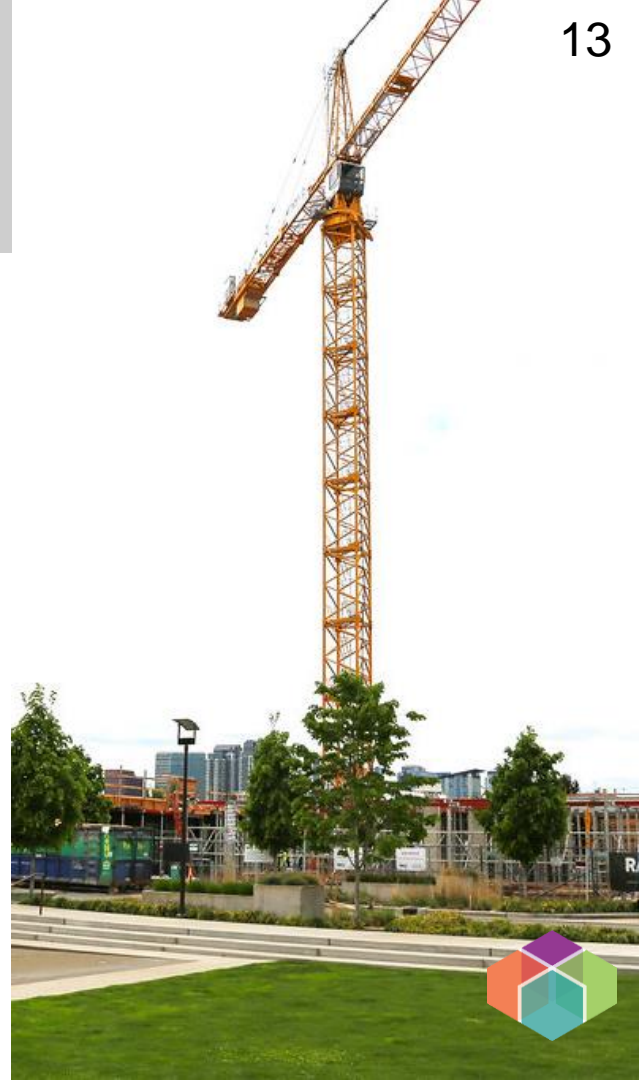
Residential displacement

Types/causes

- Physical
- Economic
- Cultural

New question in 2019: why did a household move?

- Developed with City of Seattle
- Asked those who recently moved within WA
- Provided list of common reasons



Why did a household move?

- Could no longer afford previous residence because of an increase in rent or housing costs
- Could no longer afford previous residence because of a change in income or finances
- Friends, family, or cultural community were leaving the area
- Changes in household size, establish own household
- Needed more space
- Needed less space
- Employment or commuting considerations (e.g., to take new job or shorten commute)
- *COVID-19 removed need to live in previous residence (e.g., no longer need to attend work or school in-person)
- Access to a different K-12 school
- Concerns about safety or crime
- *Concerns about COVID-19 health risks
- To upgrade to a better quality home or to stop renting and buy a home
- Forced to move out (e.g., building demolished or renovated, asked to leave by landlord, foreclosure)
- Other reason [open-ended response]
- Prefer not to answer

*Added in 2021



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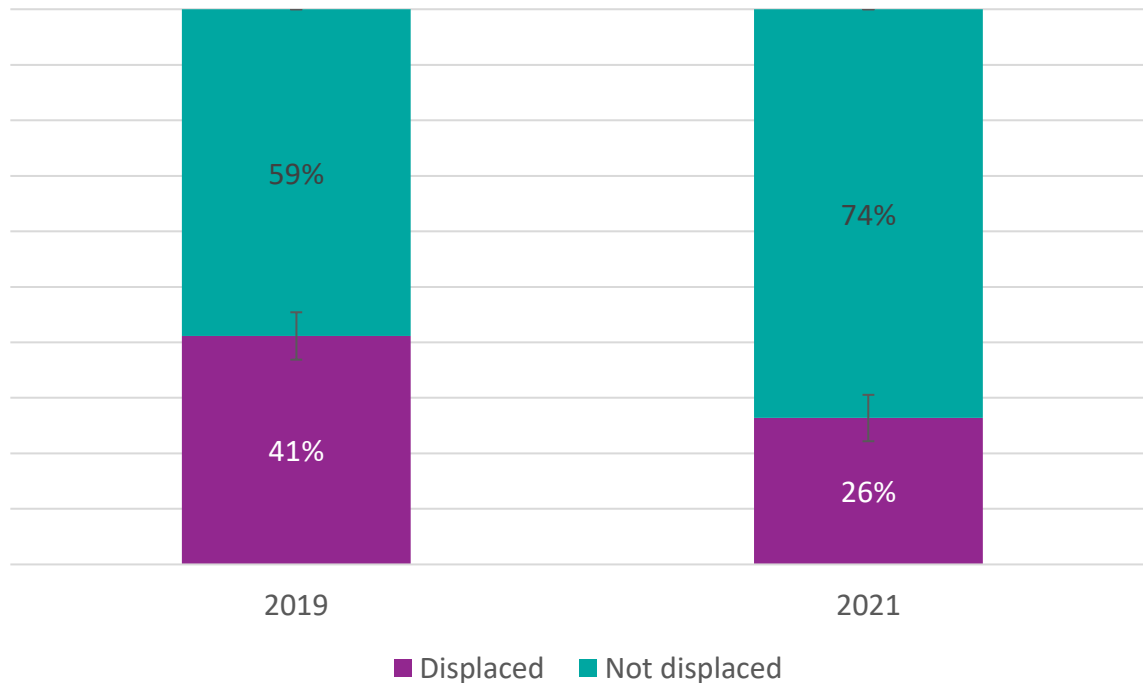
- Could no longer afford previous residence because of an [increase in rent or housing costs](#)
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[Displacement reasons](#)



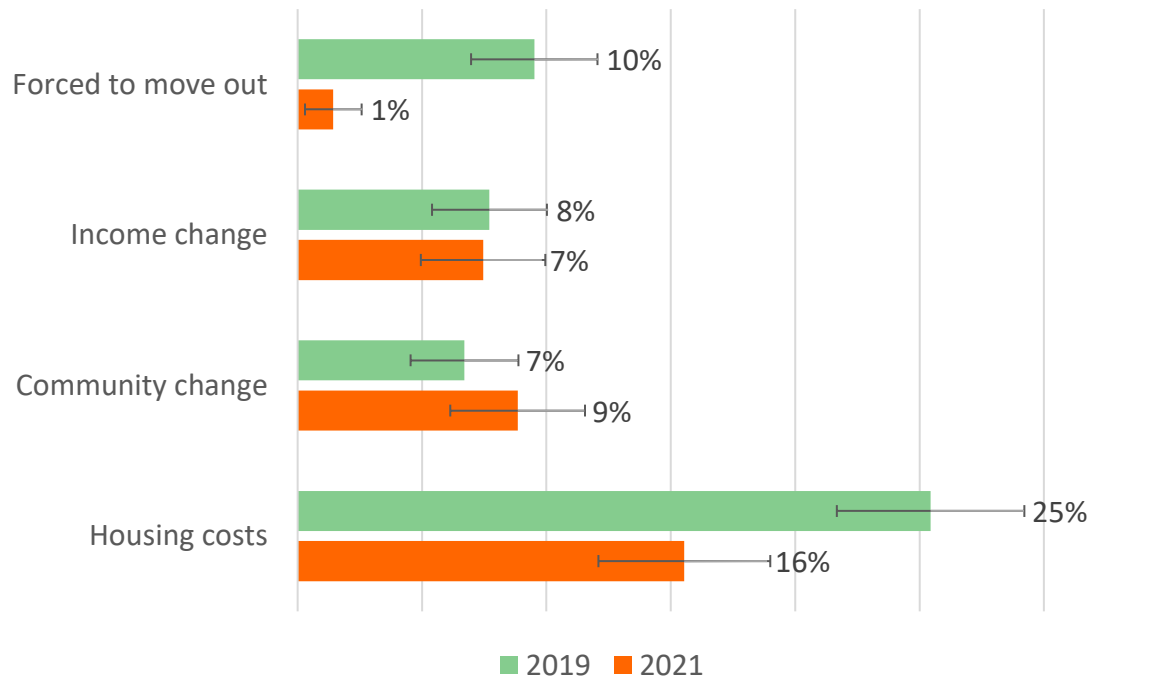
Movers in past year who picked at least one displacement reason (2019 & 2021 surveys)



- Only those who moved within a year of each survey were included because of pandemic
- Previously reported results included movers within 5 years of 2019
- **2021: residential displacement dropped**



Movers in past year who picked at least one displacement reason (2019 & 2021 surveys)



- Only those who moved within a year of each survey were included because of pandemic
- Previously reported results included movers within 5 years of 2019
- **2021: drop in “forced” & housing costs, likely related to COVID policies & market**



Schedule for 2021 HTS presentations

Wed 7/27: Transportation Operators Committee

Wed 8/10: Transportation Demand Management

Tue 9/13: Bicycle & Pedestrian Advisory Committee

Wed 9/21: Special Needs Transportation Committee


Wed 10/12: Freight Advisory Committee



Proposed 2023 HTS Timeline

- 2022**
- ✓ **Jan:** RSC presentation & follow-up announcement
 - ✓ **Mar:** Seek contract authority for consultant services (PSRC portion only)
 - ✓ **Apr:** Member commitments due for “add-on” data samples in the 2023 HTS
 - ✓ **May:** Issue Request for Proposals
 - ✓ **Jun:** Seek contract authority for consultant services (PSRC & “add-on” portions)
 - Jul/Aug:** **Select consultant & negotiate scope of work;**
Sign MOUs with “add-on” members; Sign consultant contract
 - Sep:** Start 2023 HTS project with consultant
- 2023**
- Apr-Jun:** Data collection
 - Jul:** Start collaborative process with consultants to clean & weight data
- 2024**
- Mar:** Final data delivery & publication





PSRC Household Travel Survey Program Webpage:
<https://www.psrc.org/household-travel-survey-program>

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Thank you.

