

# Puget Sound Regional Household Travel Survey Program

2022 August 10

*Corrected 2022 October 14*

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Associate Planner



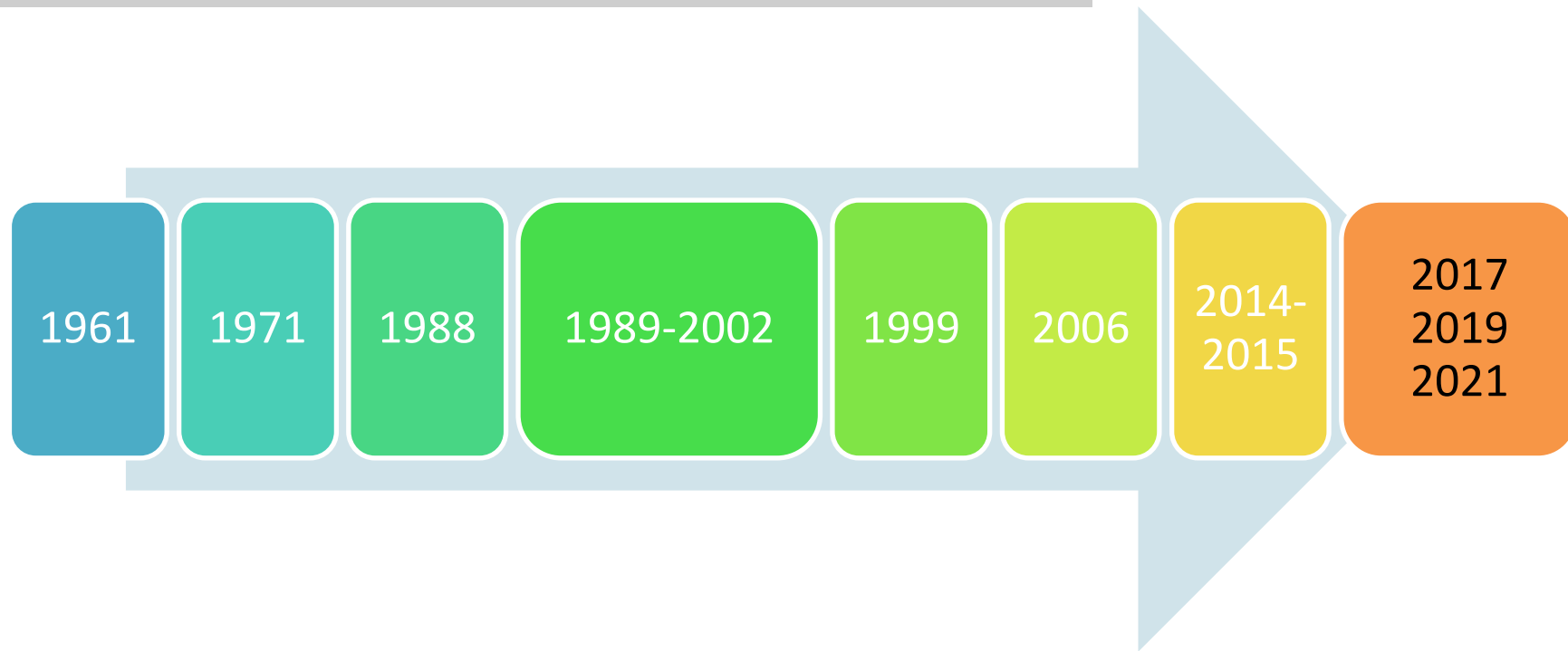
Puget Sound Regional Council

# Overview



- Brief intro to the Household Travel Survey program
- Trends in employment and commutes from 2017-2021 travel surveys
  - Contributions from Brian Lee, Christy Lam, Grant Gibson, Mary Richards, and Suzanne Childress

# Puget Sound Travel Surveys



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

# 2017-2021 Puget Sound Regional Household Travel Survey Program

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

## 6-year program, 3 waves

- 2017, 2019, and 2021 completed
- 2021 analysis happening now

## New 8-year program

- 2023 survey project started

## Motivations

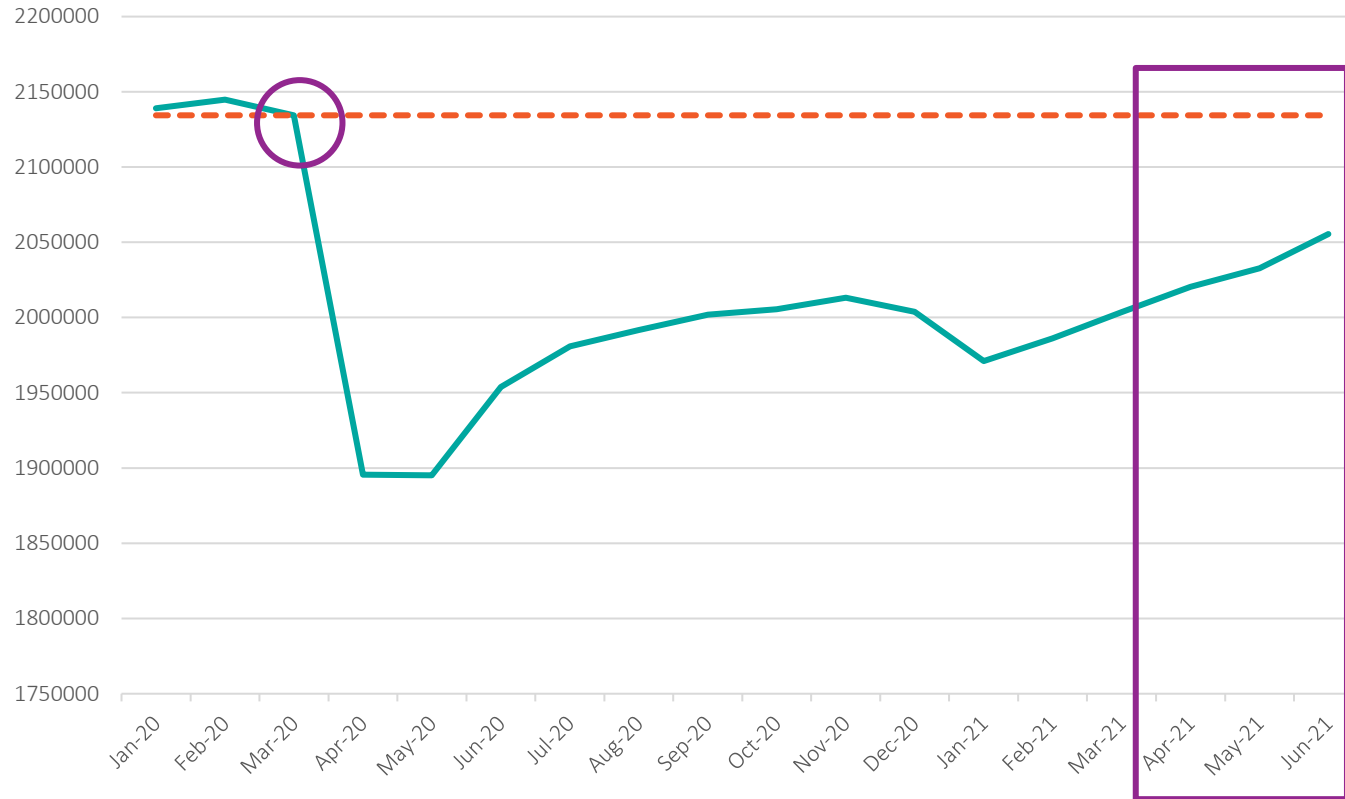
- Frequent snapshots, ability to combine years
- “Smoother” budgets and labor roles
- Opportunities for add-ons



# Macroeconomic context



Covered Employment in the Region

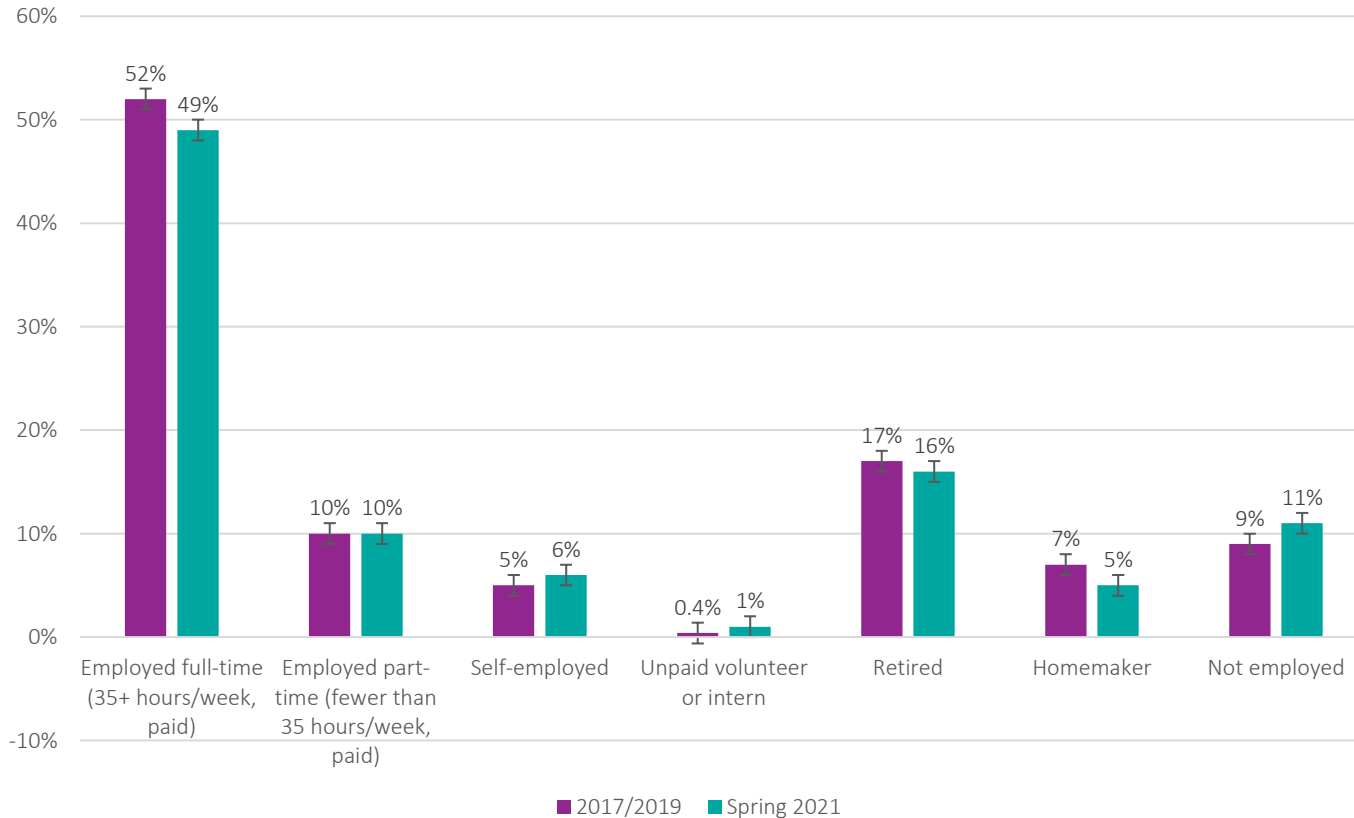


- 2021 survey period: April to June
- Employment rising during 2021 survey, but still below March 2020 high mark

# Employment



Regional Employment Status Before and During COVID-19

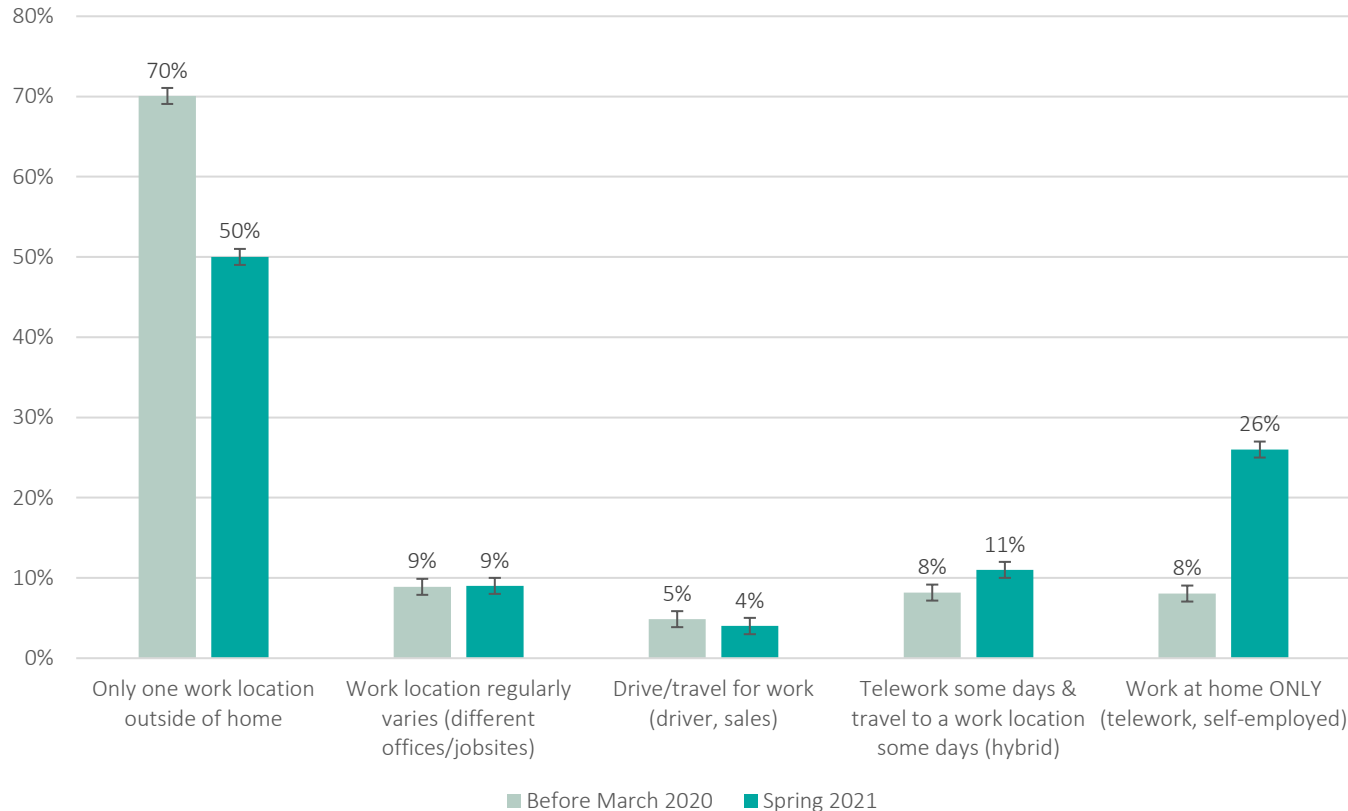


- Slight decrease in full-time employment
- Slight increase in not employed

# Workplaces



Workplace Locations Before and During COVID-19

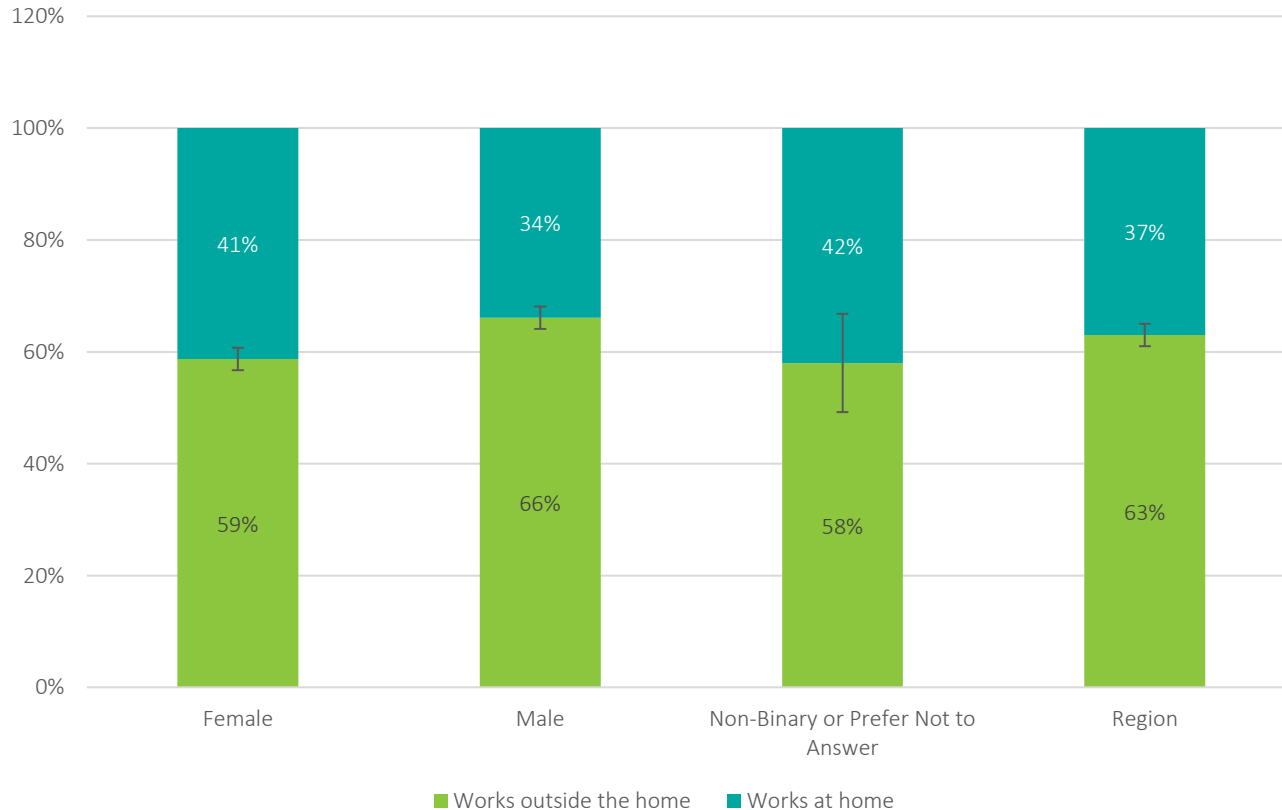


- Increases in hybrid work and full-time work at home
- 63% of workers still working outside the home

# Workplace Travel



Workplace Travel by Gender, Spring 2021



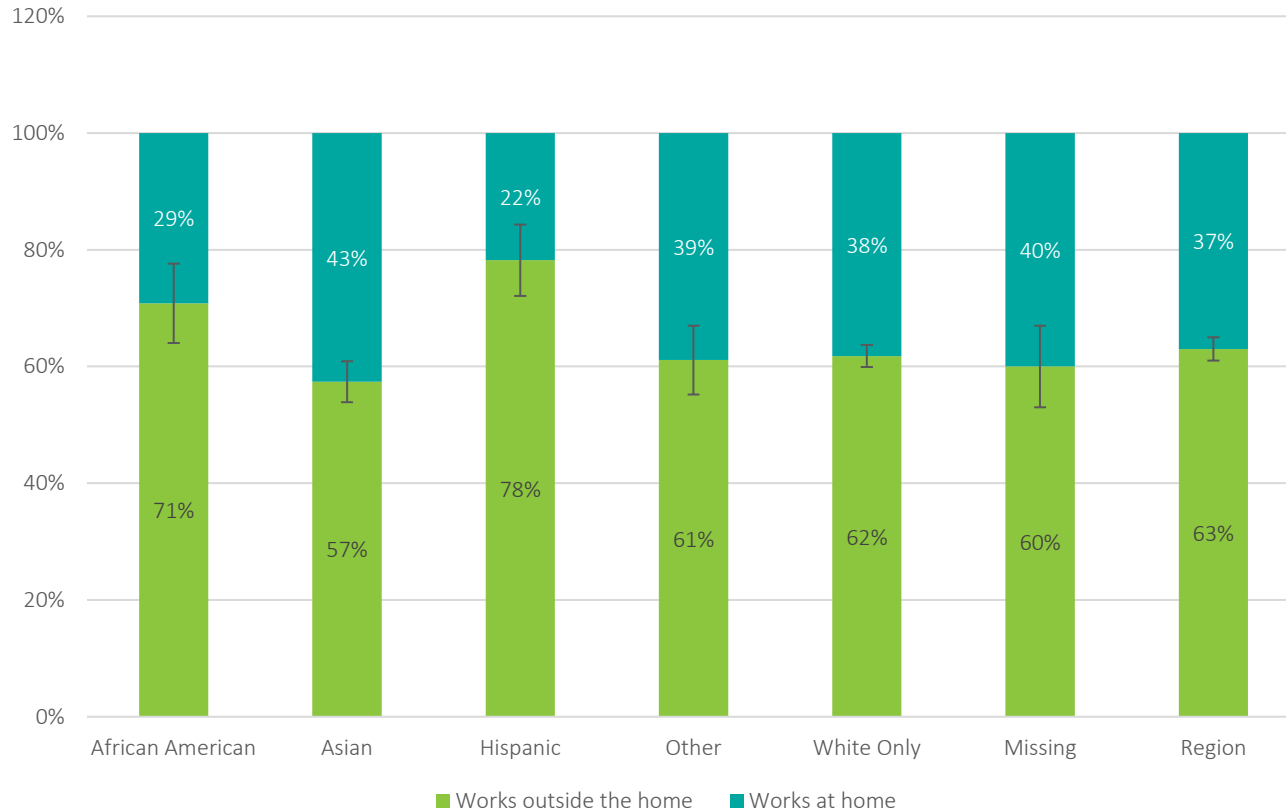
- Greater proportion of male workers worked outside the home than female workers



# Workplace Travel



Workplace Travel by Race/Ethnicity, Spring 2021

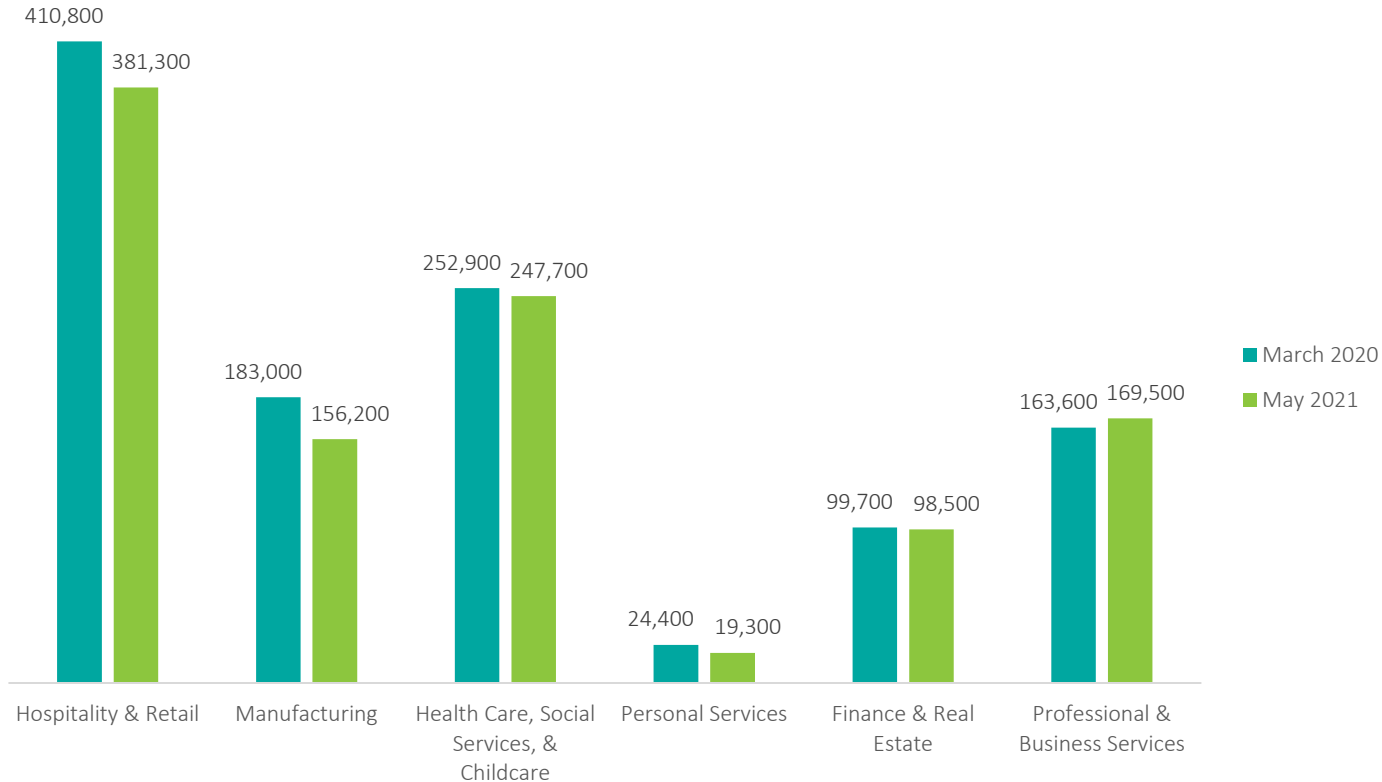


- Greater proportion of African American and Hispanic workers worked outside the home than regional average

# Industries



## Change in Covered Employment for Select Industries

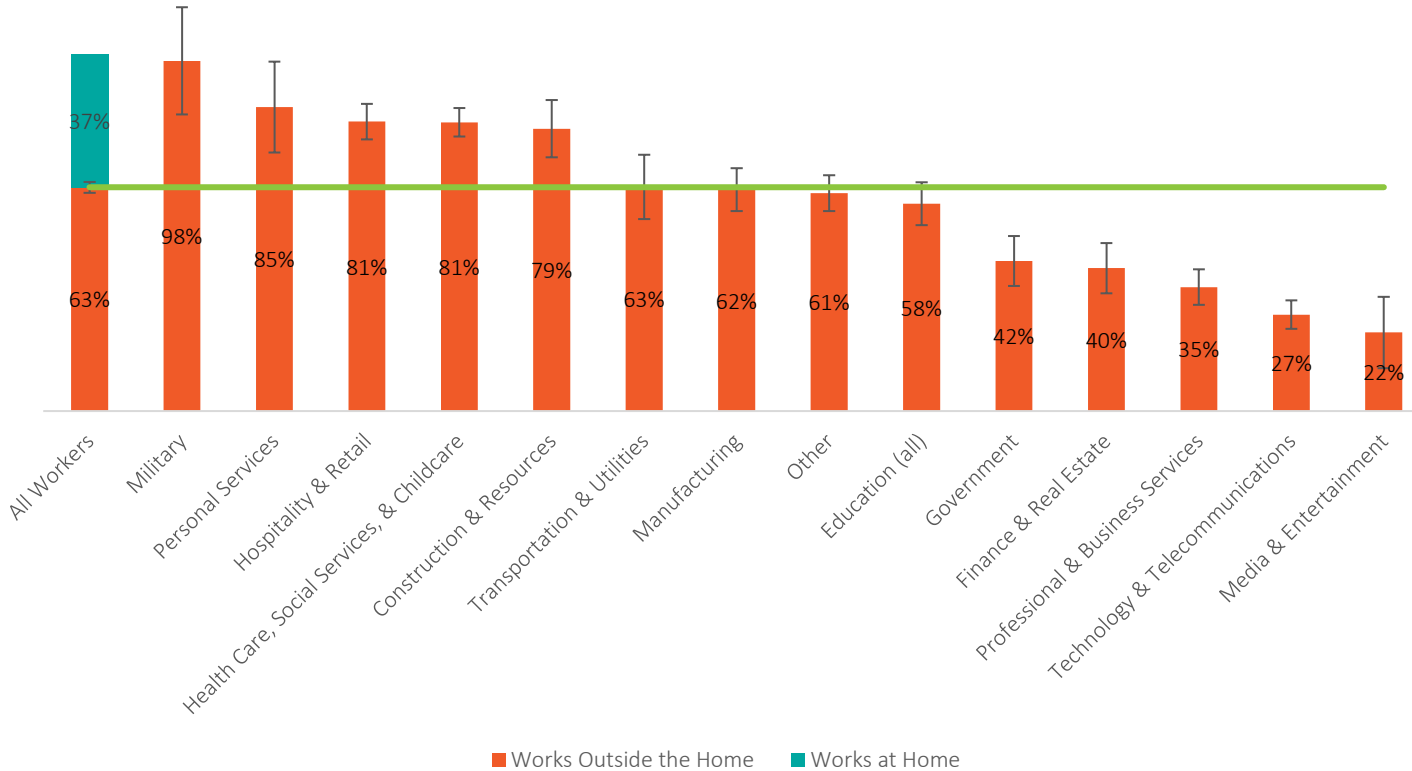


- Some industries in 2021 were still below Mar 2020 employment while others had already returned to previous levels

# Industries



Industry of Workers by Work Location, Spring 2021

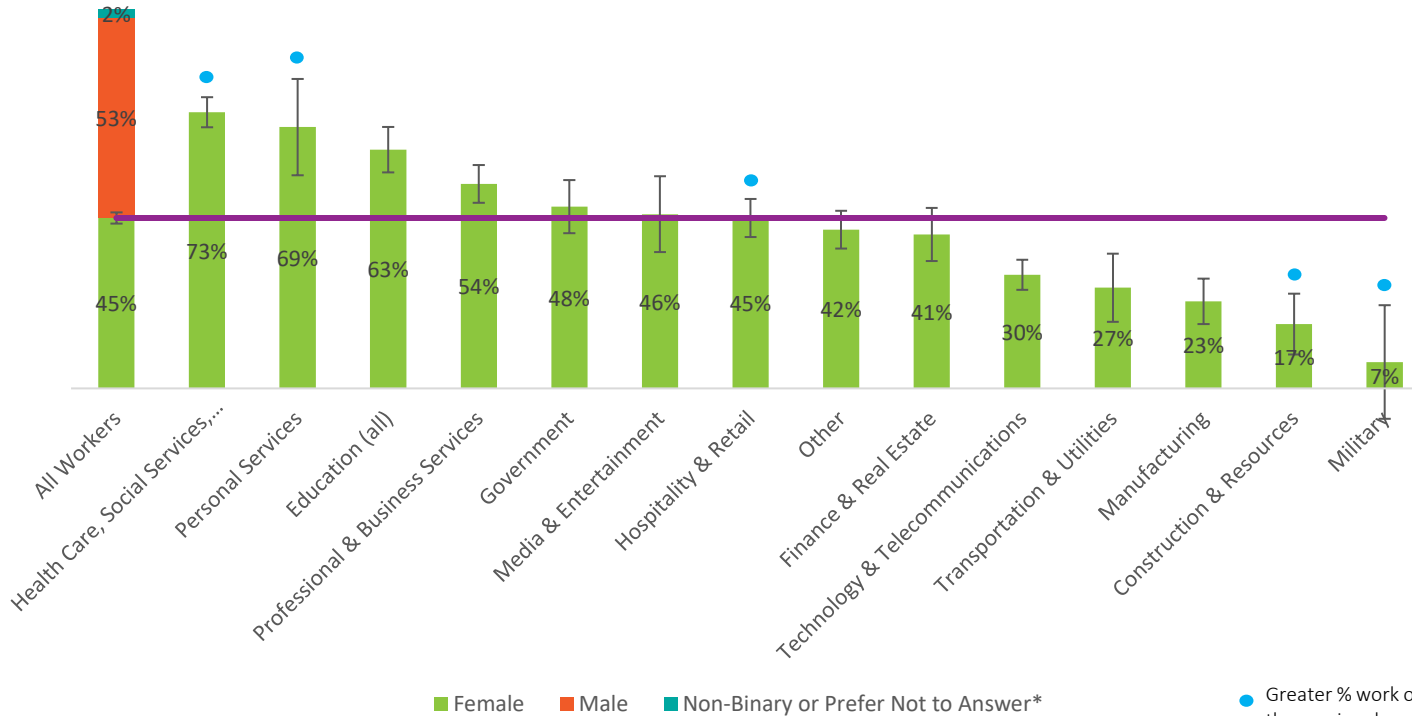


- Five industry groups worked outside the home more than the regional average
- Five industry groups worked at home more than the regional average

# Industries



## Industry of Workers by Gender, Spring 2021

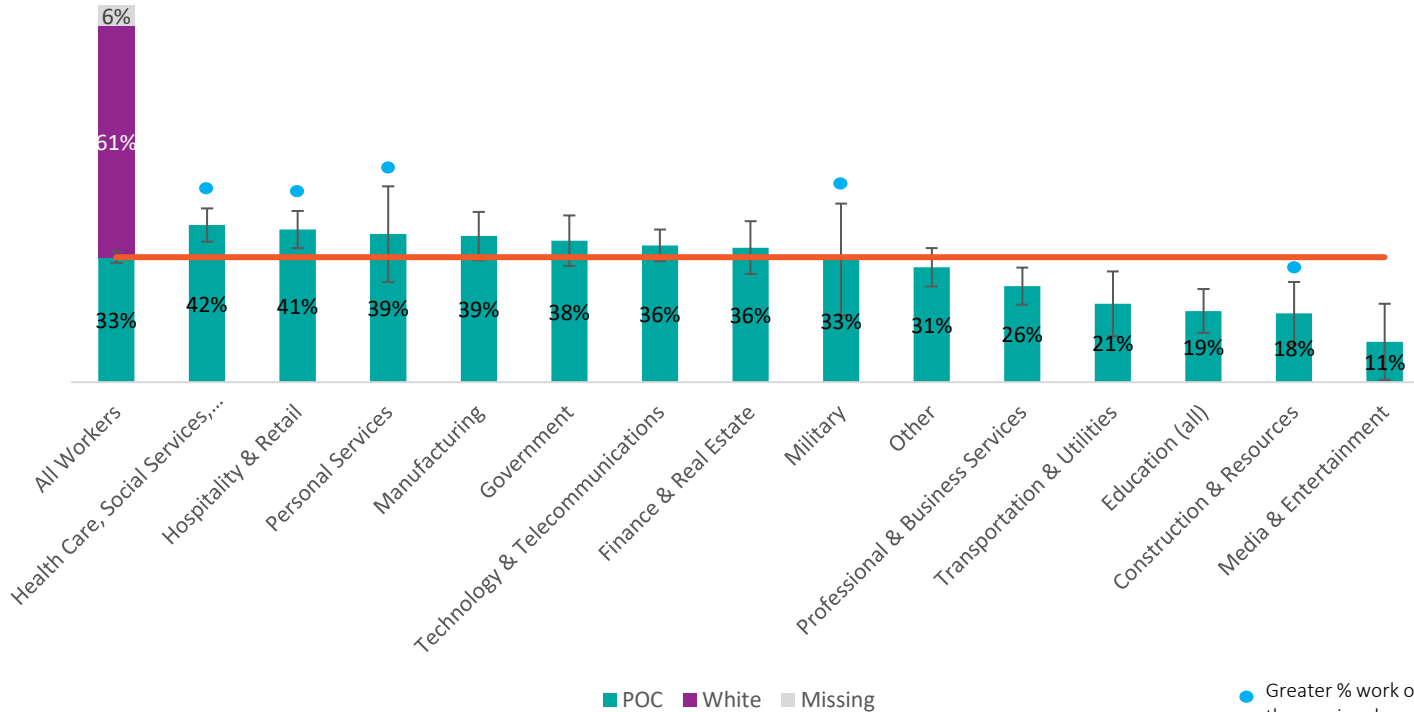


- Two industry groups with the highest proportion of female workers also worked outside the home more than the regional average

# Industries



Industry of Workers by Race, Spring 2021

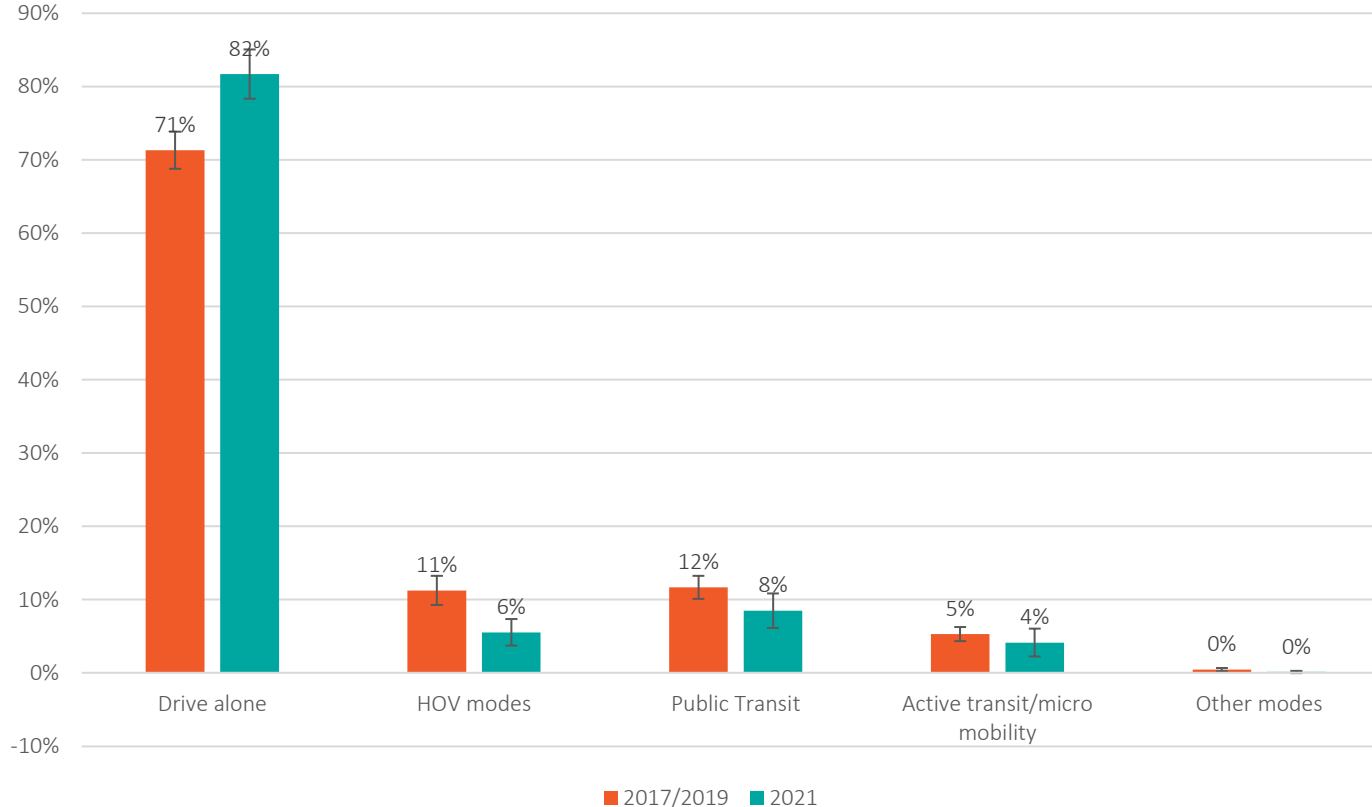


- Two industry groups with the highest proportion of workers of color also worked outside the home more than the regional average

# Commute Modes



Commute Mode Shares of Workers, before and during COVID-19



- From 2017/2019 to 2021, increase in driving alone
- From 2017/2019 to 2021, decreases in HOV and transit

# Commute Modes

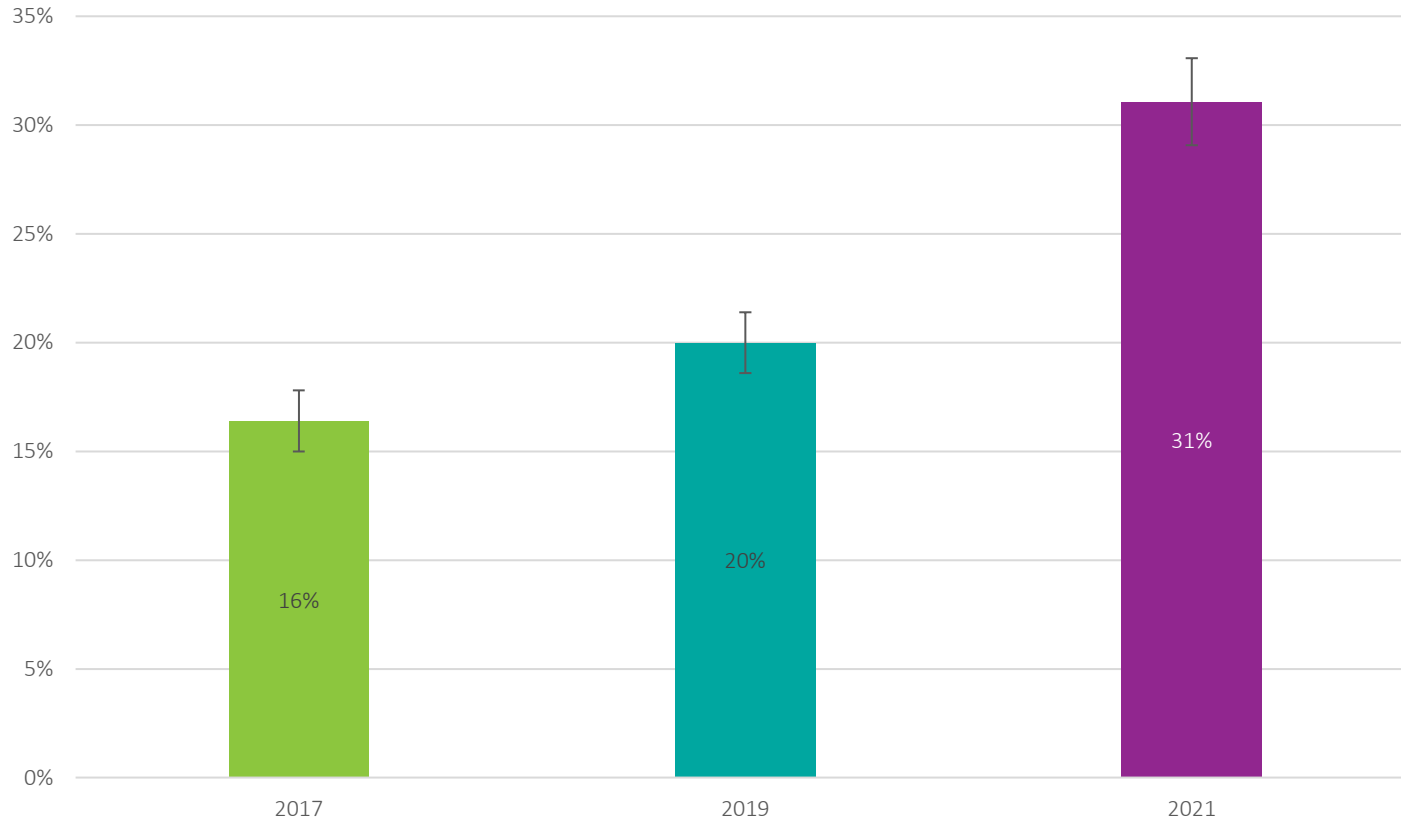


- From 2017/2019 to 2021, no change in proportion of female commuters using public transit or active modes
- Male commuters had a greater uptake in driving alone than female commuters in 2021
  - Male: 70% (2017/2019) to 84% (2021)
  - Female: 73% (2017/2019) to 79% (2021)
- Decline in proportion of male commuters using public transit from 2017/2019 to 2021

# Telecommutes



Telecommuted at least once per week



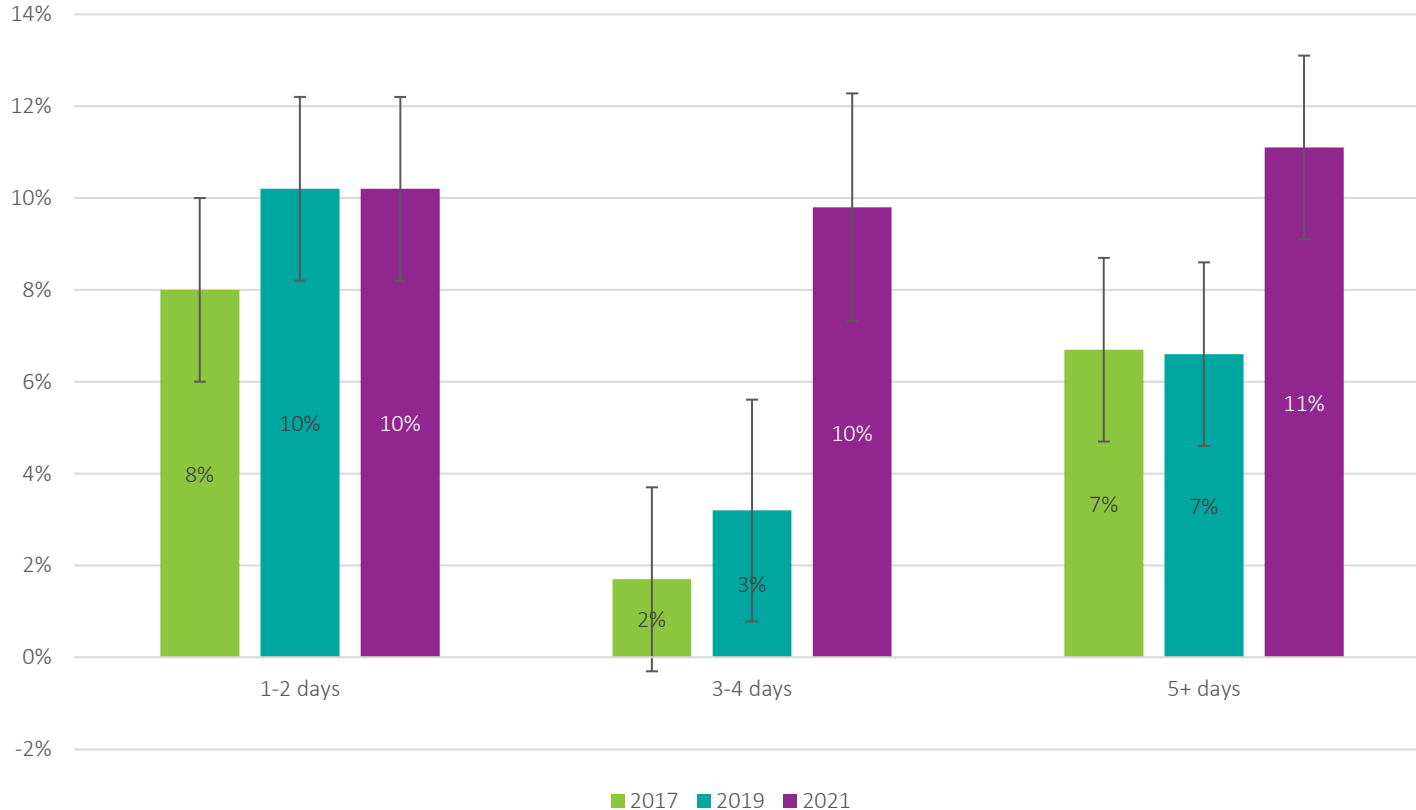
- Asked of adult workers that commute to a work location
- Proportion of workers telecommuting increasing each year



# Telecommutes



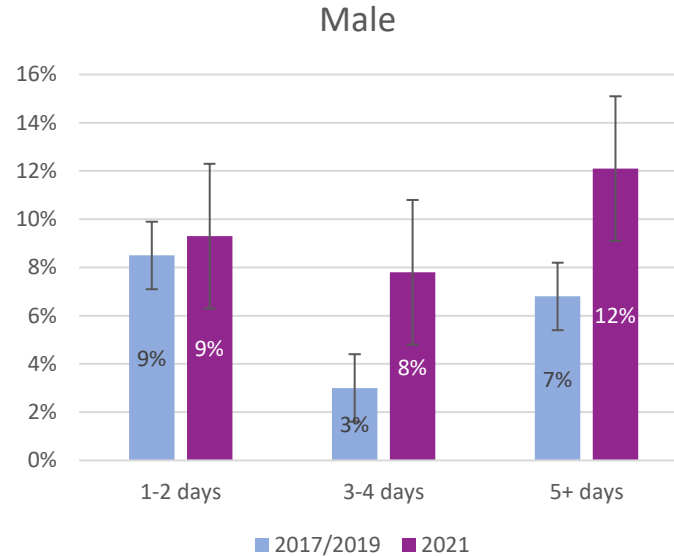
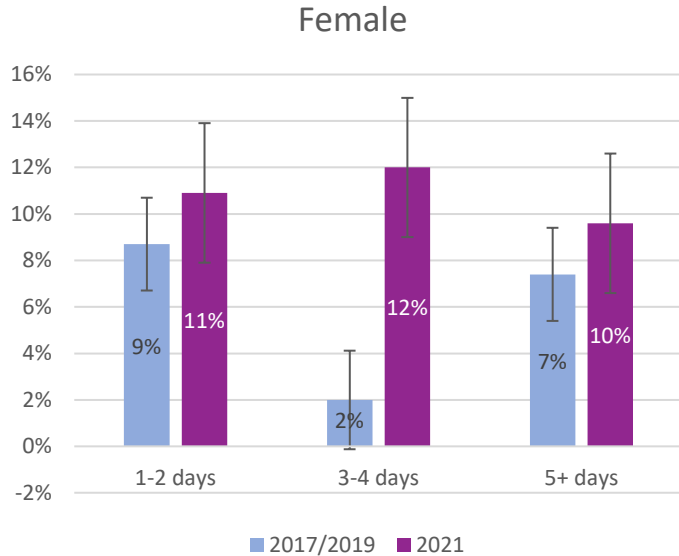
Telecommute frequency: times per week



- Largest increase in telecommutes in 3-4 day per week frequency



## Telecommute Frequency and Gender

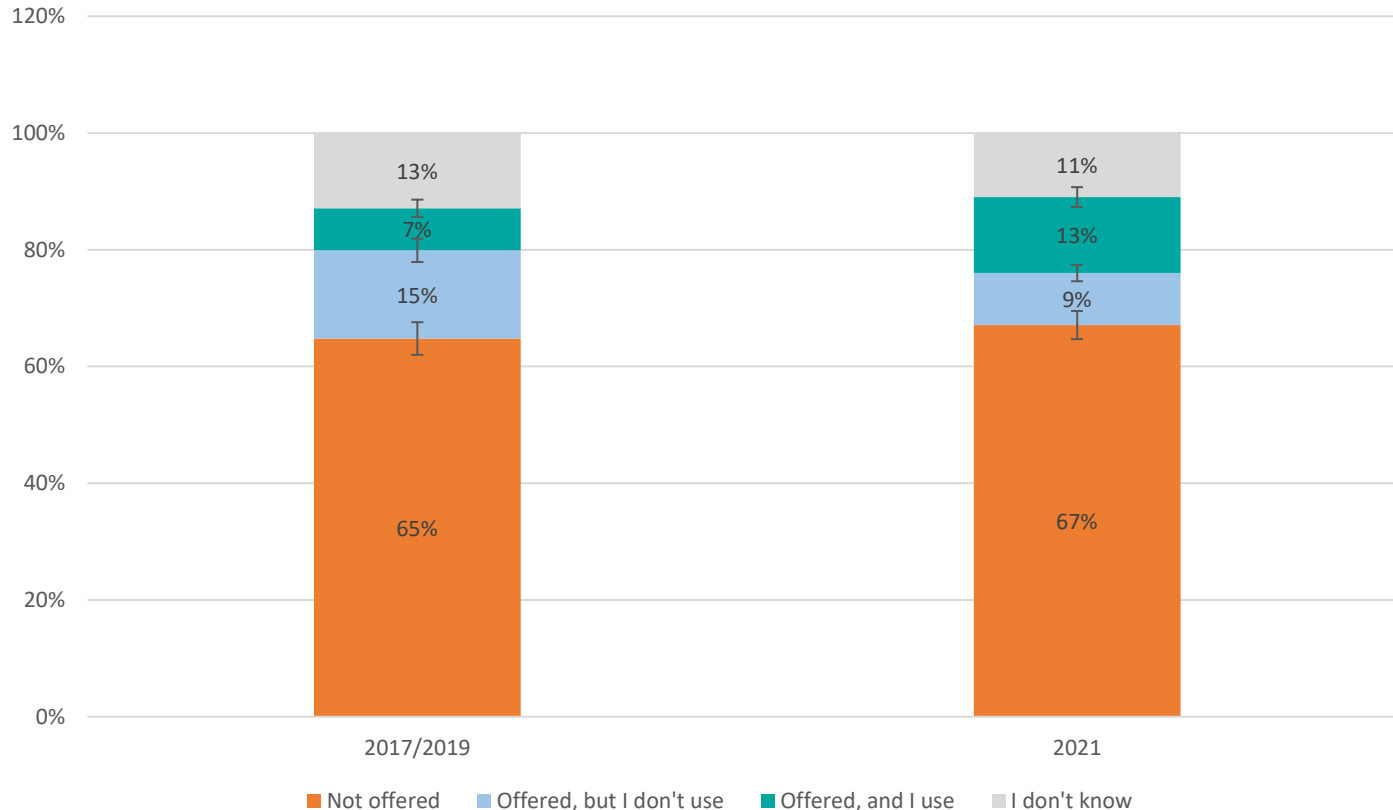


- Female workers saw a large increase in the 3-4 days per week frequency
- Male workers saw increases in 3-4 days and 5+ days per week frequencies

# Employer Commute Benefits



## Compressed Work Week

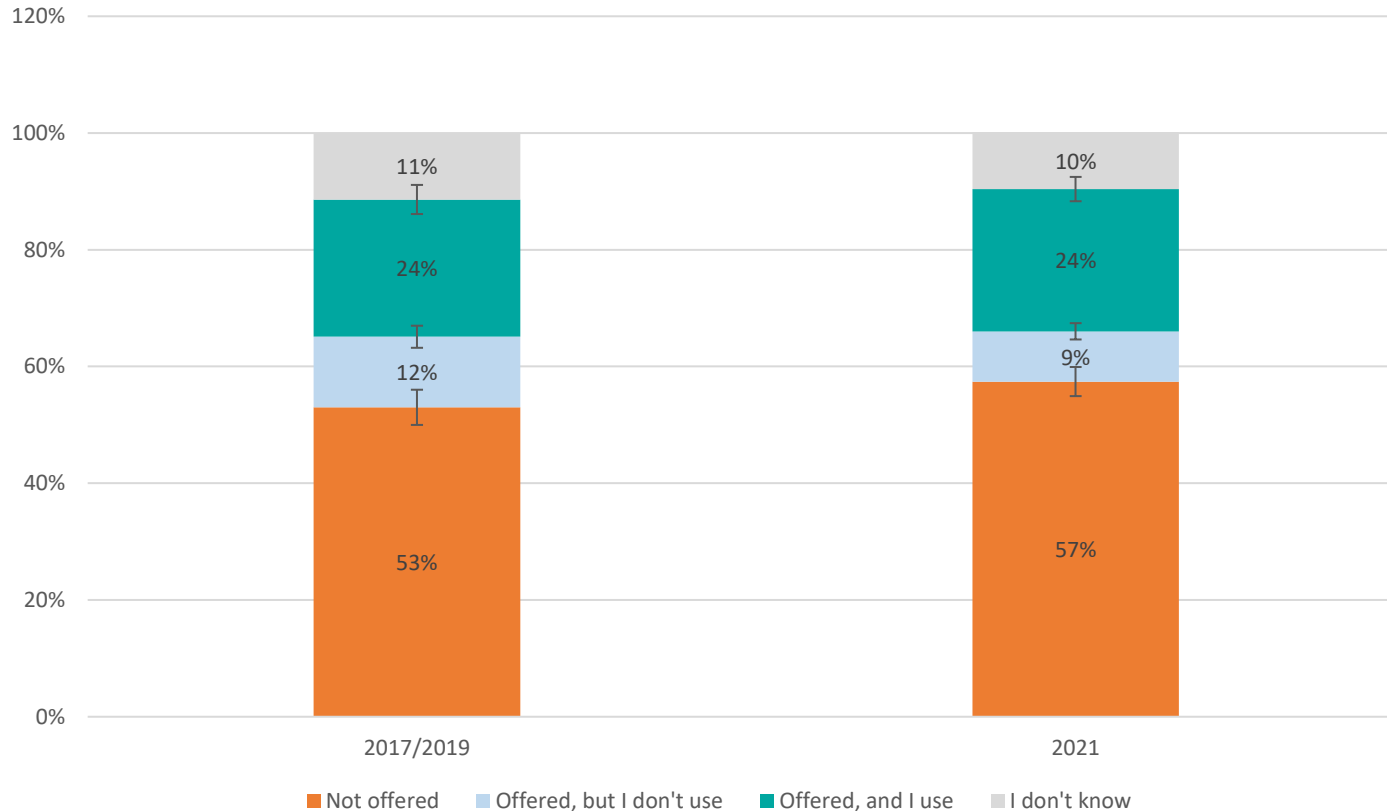


- Greater uptake of compressed work week benefit in 2021
- Similar proportion of workers are offered this benefit, but majority still are not

# Employer Commute Benefits



## Flexible Work Schedule

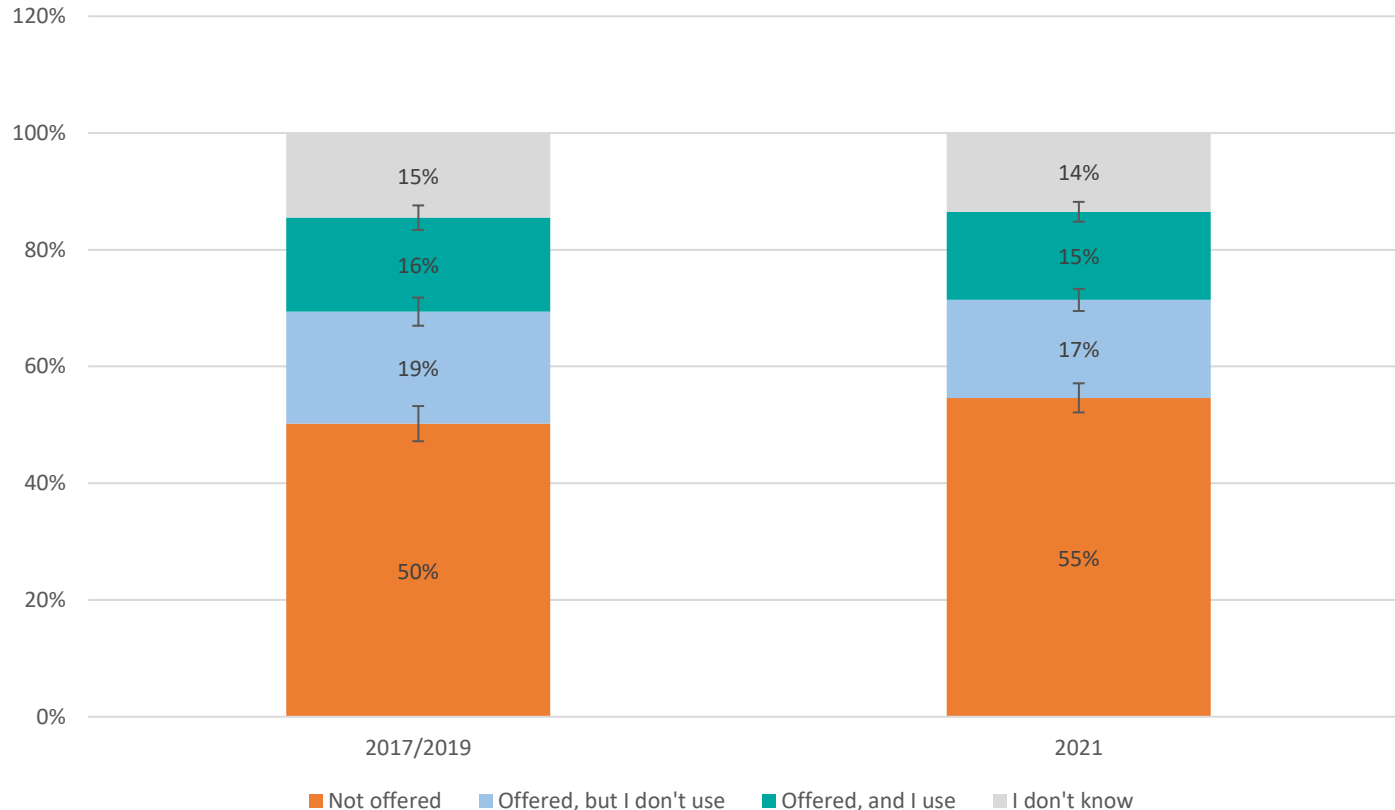


- Slight decline in share of workers offered flexible work schedule benefit
- Use of benefit remained consistent in 2021

# Employer Commute Benefits



## Free/Partially Subsidized Transit Passes




- Slight decline in share of workers offered transit pass benefit
- Use of benefit remained consistent in 2021

# Employer Commute Benefits



- What other questions should we ask about commute benefits?
- Are there better ways we can measure use of commute benefits in the survey?



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

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**Thank you.**

