

San Francisco Municipal Transportation Agency (SFMTA) Travel Decisions Survey 2021

Summary Report

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Appendix A: Survey Instrument

Appendix B: SF-CHAMP Trip Estimates

Introduction

On behalf of San Francisco Municipal Transportation Agency (SFMTA), Corey, Canapary & Galanis (CC&G) conducted the 2021 Mode Share Survey within the City and County of San Francisco as well as the eight surrounding Bay Area counties (Alameda, Contra Costa, San Mateo, Marin, Santa Clara, Napa, Sonoma and Solano). This study has been conducted periodically by CC&G since 2013.

Primary goals of this study include:

- Estimate mode share for trips into, within, and out of San Francisco, focusing on the percentage of trips made by walking, biking, and public transit compared to other modes (e.g. driving, TNC, etc.). This survey is the primary instrument for tracking the SFMTA Strategic Plan metric “transportation mode share” and provides information used by the agency across divisions.
- Evaluation of the above statement based on the number of trips to, from, and within San Francisco by Bay Area residents. Note that trips by visitors from outside the Bay Area, and for commercial purposes whether originating in the Bay Area or not, are not included.
- Provide additional trip details, including trip purpose for each trip in the mode share question series.
- Collect demographic data on the population of Bay Area residents who travel to, from, and within San Francisco.

The survey was conducted as a telephone study among 756 Bay Area residents aged 18 and older. Telephone surveying was conducted during May – September 2021. Interviewing was conducted in English, Spanish, and Chinese. Surveying was conducted via random digit dial (RDD) and cell phone sample.

Of the completed 756 interviews, 470 (62%) were conducted with San Francisco residents and 286 (38%) with residents of other Bay Area counties (e.g., non-San Francisco). The methodology of capturing trip details differed slightly for the two populations.

) For San Francisco residents, mode share was determined by asking respondents for two full days of trip information. Respondents were then asked the specific mode (e.g. car, walk, bicycle, etc.) for each trip taken. This survey design allows for capture of detailed mode information for all trips taken by each respondent over the two-day period.

) Bay Area residents outside of San Francisco were asked about two days of travel *into* San Francisco from the prior 30 days. Trips were categorized by mode and purpose, and the number of trips by each mode/purpose combination were documented and totaled.

Visitors from outside the Bay Area, as well as “through trips,” (with no stops in San Francisco), and commercial trips (regardless of where originating), were not included in this mode share survey.

To enhance statistical accuracy, data was weighted by age and location.

Not all totals will add to 100% due to rounding. In portions of this report, a dash (-) is used to indicate no respondents answered with the response code listed. The margin of error at the 95% confidence level is +/-3.56% for the total sample (n = 756). For other sample sizes, the margin of error is as follows:

-) San Francisco residents; n = 470. Margin of error = +/- 4.52%
-) Bay Area residents (outside San Francisco) n = 286. Margin of error = +/- 5.79%

Categorizing Modes

The SFMTA is updating its Strategic Plan in 2021, the details of which are still being finalized. The Plan lays out a vision for the agency and determines values for the transportation system. The values, which include equity, trust, economic vitality, and environmental stewardship, are tracked by a number of metrics. Staff are continuing to refine specific targets and details of the metrics, but “transportation mode share” will be one of the updated Plan’s metrics.

Upon finalization of the Strategic Plan, staff will develop a recommendation for sorting and categorizing transportation modes as recorded by the Travel Decision Survey. The changes are not anticipated to significantly differ from previous approaches. In each instance, the City reiterates the transit-first policy, which encourages trips by walking, biking, and public transit as alternatives to private automobiles.

Within this report, the trips by modes encouraged by the transit-first policy (walking, biking, and public transit) are labeled “priority” modes. Trips by TNC, carpooling, and single occupancy vehicles (driving alone) are labeled as “privately owned vehicle” modes.

Key Findings

General

-) Trips by modes prioritized by the transit-first policy (walking, biking, and public transit) were used for just over one-third (38%) of all trips in San Francisco.
-) Trips in privately-owned vehicles (drive alone, carpool, and TNCs) accounted for nearly two-thirds (62%) of all trips in San Francisco.

Mode Share

Mode share was determined by collecting trip level information for all respondents. Respondents were asked the specific type of transportation (“mode”) used for each trip taken (e.g. car, walk, bicycle, etc.).

Estimated Mode Share in San Francisco

Mode Share Survey Fall 2021*

Privately Owned Vehicles	62%
Drive alone [^]	36%
Carpool	25%
TNC	2%
Priority Modes	38%
Walk	24%
Bicycle	3%
Public Transit	10%
Taxi	1%
Other	1%
Don't know^{^^}	1%
Total Daily Trips^{**}	4,380,121
Projections based on Total Daily Trips and Mode Share Survey Fall 2021^{**}	
<i>(Total Daily Trips x % for each mode)</i>	
Private Owned Vehicles	2,727,820
Priority Modes	1,648,759
Don't Know ^{^^}	3,541

* Source: SFMTA Mode Share Survey 2021. Includes both SF residents and residents of other Bay Area counties

[^]Drive alone includes motorcycle

^{**} Source: SF-CHAMP Year 2015-CHAMP 6.0 run for TIMMA TIPS

Responses and are rounded to the nearest percentage. For example, the actual share of respondents who used public transit is 9.9%. As this is more than 9.5% it is rounded to 10%

^{^^}Respondents answered “Don't know/remember” when asked how they made their trip

Findings

Area (Modes Used) *	SF (2,451)	Non-SF (3,984)
Privately Owned Vehicles	56%	78%
Drove alone	31%	49%
Drive with others	24%	28%
TNC	2%	1%
Priority Modes	44%	22%
Walk	29%	9%
Bicycle	4%	1%
Public Transit	10%	11%
Taxi	1%	<0.5%
Other	1%	1%
Don't know	<0.5%	-

Gender (Modes Used) *	Male^ (3,366)	Female^ (2,771)	Non-Binary^ (201)
Privately Owned Vehicles	60%	65%	68%
Drove alone	38%	33%	45%
Drive with others	20%	30%	19%
TNC	1%	2%	4%
Priority Modes	40%	35%	32%
Walk	25%	23%	4%
Bicycle	4%	2%	16%
Public Transit	11%	9%	12%
Taxi	1%	<0.5%	<0.5%
Other	<0.5%	1%	1%
Don't know	<0.5%	<0.5%	<0.5%

^ Data combined by assuming that among trips taken in San Francisco: 73% are trips by San Francisco residents and 27% are trips by residents of other Bay Area counties. Source for 73%/27% split is SF-CHAMP Year 2015-CHAMP 6.0 run for TIMMA TIPS. See appendix for details.

* The survey recorded the number of trips and modes used over the previous two-day period for San Francisco residents, and the trips and modes used over the previous 30-day period for non-SF residents. In total, 2,451 trips were taken by SF respondents over the previous two-day period and 3,906 trips were taken by non-SF residents over the previous 30-day period. On these trips, SF respondents used a total 2,451 different travel mode over the previous two-day period and non-SF residents used a total of 3,984 different travel modes over the previous 30-day period. The percentages above are based on the travel mode (given by respondents) for these trips.

Age (Modes used) *	18-34^ (2,045)	35-54^ (2,391)	55+^ (1,932)	Refused (70)
Privately Owned Vehicles	60%	63%	64%	59%
Drove alone	30%	36%	41%	45%
Drive with others	27%	26%	22%	8%
TNC	3%	1%	1%	6%
Priority Modes	40%	37%	36%	41%
Walk	24%	23%	24%	24%
Bicycle	3%	5%	1%	<0.5%
Public Transit	12%	8%	9%	17%
Taxi	<0.5%	<0.5%	2%	<0.5%
Other	1%	<0.5%	1%	-
Don't know	<0.5%	<0.5%	<0.5%	<0.5%

Trips By Income (Trips represented)*	Less than \$75K^ (1,373)	\$75K & over^ (4,023)	Refused^ (1,042)
Privately Owned Vehicles	54%	64%	65%
Drove alone	30%	37%	35%
Drive with others	22%	25%	28%
TNC	2%	1%	1%
Priority Modes	45%	36%	36%
Walk	19%	27%	18%
Bicycle	4%	3%	1%
Public Transit	19%	5%	15%
Taxi	2%	<0.5%	<0.5%
Other	2%	<0.5%	1%
Don't know	<0.5%	<0.5%	<0.5%

^ Data combined by assuming that among trips taken in San Francisco: 73% are trips by San Francisco residents and 27% are trips by residents of other Bay Area counties. Source for 73%/27% split is SF-CHAMP Year 2015-CHAMP 6.0 run for TIMMA TIPS. See appendix for details.

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Trip Frequency

For this survey, a ‘trip’ was defined as travel from one point to another – in other words, someone going to work and coming home at the end of the day would have made 2 trips – one from home to work, and a second from work to home.

Among residents of other Bay Area Counties, respondents made an average of 14 trips to, from, or within the City in the past 30 days, with a median of 6 trips. This is down slightly from the average of 19 trips and the median of 8 trips in 2019.

With this definition, the average San Francisco resident made nearly 3 trips per day (5 trips over the two-day period) in 2021.

San Francisco Residents (Trips Taken Within the Last Two Days)

	2021	2019
	SF	SF
(Individuals represented – all respondents)	(470)	(433)
1 trip	5%	1%
2 trips	14%	8%
3 trips	10%	5%
4 trips	19%	20%
5 trips	13%	11%
6 trips	13%	14%
7 trips	5%	7%
8-10 trips	16%	22%
11 or more trips	5%	12%
Average number of trips in the last two days	5	7
Median number of trips in the last two days	5	6

Non – San Francisco Residents (Trips Taken Within the Last Thirty Days)

	2021	2019
	Non-SF	Non-SF
(Individuals represented – all respondents)	(286)	(408)
1 – 3 trips	27%	22%
4 - 5 trips	16%	13%
6 – 10 trips	27%	26%
11 – 30 trips	17%	21%
31 - 60 trips	9%	12%
More than 60 trips	3%	7%
Average number of trips in the last 30 days	14	19
Median number of trips in the last 30 days	6	8

Trip Purpose

Over the prior thirty days (when interviewed), one-quarter (26%) of trips by other Bay Area County residents into the City were for social/entertainment/recreation, 21% were for work, and 18% for shopping or errands.

Over the prior two days (when interviewed), nearly one-quarter (24%) of San Francisco residents' trips were for social/eating out/entertainment/recreation, another 20% were for shopping/errands, and 11% were for work.

In comparison to 2019, while the share of trips for most purposes is consistent, the share of trips for respondents traveling to work has decreased (from 22% to 11%) and the share of Bay Area residents traveling to San Francisco for shopping/errands has increased (from 8% in 2019 to 18% in 2021).

	2021	2019	2021	2019
(Trips represented)*	SF (2,437)	SF (2,798)	Non-SF (3,906)	Non-SF (7,639)
Social/Eat Out/Entertainment/Recreation	24%	25%	26%	26%
Shopping/Errands	20%	16%	18%	8%
Work	11%	22%	21%	30%
School	1%	1%	<0.5%	1%
Religious/Volunteer/Political	1%	<0.5%	<0.5%	-
Home	38%	33%	33%	34%
Other (Unspecified)	5%	3%	2%	1%
Don't Know/Don't Remember	<0.5%	1%	<0.5%	<0.5%

* The survey recorded the number of trips taken over the previous two-day period for San Francisco residents, and the trips taken over the previous 30-day period for non-SF residents. In total, 2,798 trips were taken by SF respondents over the previous two-day period; 7,639 trips were taken by non-SF residents over the previous 30-day period. The percentages above are based on the purpose (given by respondents) for these trips.

Commuting Frequency

Nearly three-quarters (72%) of respondents said they commuted to work or school prior to the pandemic; among these respondents, 78% stated they either are commuting now or plan to by the end of the year.

Respondents stated that, pre-pandemic, they commuted an average of 5 days a week. When these respondents were asked if they would be regularly commuting sometime later this year, this decreased to 4 days a week.

Did you regularly commute to work or school before the pandemic began?	Total	Do You Think You Will Be Regularly Commuting Again Sometime Later This Year (2021)?	Total
Base: All respondents	756	Base: Commuted before the Pandemic*	547
Yes	72%	Yes	78%
No	28%	No	22%

	Commute	
	Pre-Pandemic	By End of 2021
Base: (Commuter regularly before pandemic/ Will regularly commute again sometime later this year) *	(547)	(397)
6 Days Per Week or More	8%	9%
5 Days Per Week	68%	47%
4 Days Per Week	13%	12%
3 Days Per Week	7%	18%
2 Days Per Week	4%	10%
1 Day Per Week	1%	4%
Mean (days per week)	4.68	4.17

* Don't know responses removed

Commuting Mode

Prior to the pandemic, 57% of commuters used a privately owned vehicle to commute. For those who stated they plan to regularly commute by the end of the year, this share has increased to 67%. This was driven by the increase in the share of “*Drive Alone*” responses (44% pre-pandemic, 52% who said they will be doing so by the end of 2021) and “*Drive with Others*” responses (9% pre-pandemic, 11% who will be doing so by the end of 2021).

How did you usually commute before the pandemic?

How do you think you will be commuting later this year?

	Commute	
	Pre-Pandemic	By End of 2021
Base: (Commuted regularly before pandemic/ Will regularly commute again sometime later this year) *	(547)	(397)
Privately Owned Vehicle	57%	67%
Drove Alone	44%	52%
Drove With Others	9%	11%
Uber or Lyft	3%	3%
Motorcycle	1%	1%
Transit First Policy Mode	52%	41%
Public Transportation, Such as Muni, BART, Caltrain, Ferry Or Public Bus	35%	24%
Private Bus or Van, Including Corporate Shuttle, Campus Shuttle, Or Similar	2%	2%
Walk	9%	6%
Bicycle	6%	7%
Standup E-Scooter	-	1%
Regular Taxi	-	<0.5%
Drove Car Share	-	<0.5%
Did Not Use Any Typical Commute Mode (Used Multiple Modes; No Commute Pattern Dominant)	1%	1%

* Don't know responses removed

Transit Use Motivators

When asked what would encourage them to use/increase transit use, *Improving safety while on board or waiting for buses/trains* was the most likely response, with 53% saying it would definitely encourage them, and another 23% saying it might encourage them (76% total).

Would any of the following encourage you to use transit (or to use transit more often)?

IMPROVING SAFETY WHILE ONBOARD OR WAITING FOR BUSES/TRAINS*	Total	SF	Non-SF
Base: All respondents	(756)	(470)	(286)
Would Definitely Encourage Me	53%	51%	56%
Might Encourage Me	23%	26%	17%
Would Not Encourage Me	25%	23%	27%

CLEANER BUSES/TRAINS*	Total	SF	Non-SF
Base: All respondents	(756)	(470)	(286)
Would Definitely Encourage Me	50%	48%	52%
Might Encourage Me	26%	29%	21%
Would Not Encourage Me	25%	23%	27%

MORE FREQUENT SERVICE*	Total	SF	Non-SF
Base: All respondents	(756)	(470)	(286)
Would Definitely Encourage Me	46%	47%	45%
Might Encourage Me	26%	28%	22%
Would Not Encourage Me	28%	25%	33%

BETTER ON-TIME PERFORMANCE*	Total	SF	Non-SF
Base: All respondents	(756)	(470)	(286)
Would Definitely Encourage Me	41%	42%	38%
Might Encourage Me	30%	32%	26%
Would Not Encourage Me	30%	26%	36%

LESS CROWDING ON BUSES/TRAINS*	Total	SF	Non-SF
Base: All respondents	(756)	(470)	(286)
Would Definitely Encourage Me	41%	40%	43%
Might Encourage Me	29%	33%	22%
Would Not Encourage Me	31%	27%	36%

* Don't know responses removed

Parking Choices

Nearly two-thirds (62%) of respondents who have access to a car park in free off-street parking at home. While 42% of respondents with vehicles do not drive to work, 27% park at an employer provided parking lot or garage.

Where do you usually park the car when you at home? *	Total	SF	Non-SF
Base: Own or have access to a car	(660)	(381)	(280)
On The Street - With A Residential Parking Permit	10%	14%	4%
On The Street - No Residential Parking Permit	24%	29%	17%
Paid Off-Street (In My Building or Nearby)	4%	6%	2%
Free Off-Street (Driveway or Garage in My Building)	62%	52%	77%

Where do you usually park the car when you drive to work? *	Total	SF	Non-SF
Base: Own or have access to a car	(660)	(381)	(280)
Paid Parking Lot or Garage	10%	8%	13%
Paid Street Parking	8%	11%	5%
Free Street Parking	13%	13%	13%
Parking Lot or Garage Provided By My Employer (Free For Me)	27%	20%	36%
Do Not Drive to Work	42%	48%	34%

* Don't know responses removed

Demographics

Base (All Respondents)	Total 756*
Age	
19 to 24	9%
25 to 34	24%
35 to 44	18%
45 to 54	16%
55 to 64	14%
65 and older	17%
Annual Household Income	
Less than \$10,000	3%
\$10,000 to \$25,499	5%
\$25,500 to \$52,499	12%
\$52,500 to \$74,499	9%
\$75,000 to \$99,999	11%
\$100,000 to \$149,999	18%
\$150,000 to \$199,999	13%
\$200,00 and over	29%
Household Size	
1 person	22%
2 to 3 people	51%
4 to 5 people	23%
6 or more people	4%
Mean number of people	3
Gender	
Female	52%
Male	47%
Genderqueer / Gender Non-Binary	1%
Trans Female	<0.5%
Trans Male	<0.5%

* Don't know/Refused responses removed

Base (All Respondents)	Total 756*
Race or Ethnic Identification	
White	49%
Asian	22%
Hispanic and/or Latina, Latino, Or Latinx	18%
Black and/or African American	7%
Pacific Islander	1%
Native American	1%
Middle Eastern and/or North African	1%
Another Race or Ethnicity (Unspecified)	1%
Mixed (Unspecified)	<0.5%
Do you have a disability or health condition which affects travel choices in San Francisco?	
Yes, have disability or health condition	7%
No, do not have disability or health condition	93%

* Don't know/Refused responses removed

Appendices

Appendix A: Survey Instrument

Appendix B: SF-CHAMP Daily Trip Estimates

Appendix A: Survey Instrument

SFMTA Travel Decision Survey 2021 Questionnaire (v6.2)

INTRO. This is _____ with Corey Research calling on behalf of the City of San Francisco. We are conducting an important survey with Bay Area residents to help improve transportation planning.

1. Are you a Bay Area resident?

- 1 Yes
- 2 No (Thank and terminate)

2. In which Bay Area county do you live?

- 1 Alameda
- 2 Contra Costa
- 3 Marin
- 4 Napa
- 5 San Mateo
- 6 Santa Clara
- 7 Solano
- 8 Sonoma
- 9 San Francisco (Skip to Q4)
- 0 Do not live in Bay Area (Thank and terminate)

3. Have you gone into San Francisco within the past month (30 days)?

- 1 Yes (Skip to Q6)
- 2 No (Thank and terminate)

SAN FRANCISCO RESIDENTS

(Ask Q4 and Q5, then skip to Travel Choices Section)

4.

Think about the places you went to **yesterday** (day).

>For each trip, we'll ask about the purpose of the trip - such as work, shopping, or entertainment - and how you made that trip, such as by driving or walking...

> Include any trip to a new location, such as walking to lunch, stopping to get coffee, or going to the grocery store. Please include all modes of transportation used for your trip.

What was the purpose of your first trip? (etc.)...Where did you go next?

Trip A:

(Programmer note: repeat instruction for subsequent questions)

What was the purpose of your first trip?

Note: If they report drove, specify if drove alone or with others

- 1 Work
- 2 School
- 3 Shopping/Errands
- 4 Out to Eat/Social/Entertainment/Recreation
- 5 Home
- 6 Dropping someone off
- 7 Other (specify)
- 8 Don't know/Don't remember

And how did you make that trip?
(select all that apply)

- 1. Drove alone*
- 2. Drove with others*
- 3. Drove car share
- 4. Uber or Lyft
- 5. Regular taxi
- 6. Public transportation, such as Muni, BART, Caltrain, ferry, or public bus)
- 7. Private bus or van, including corporate shuttle, campus shuttle, or similar (including Google Bus, UCSF, CPMC, Art Institute, and RidePal)
- 8. Bicycle
- 9. Walk
- 10. Motorcycle
- 11. Standup e-scooter
- 12. Other (specify)
- 13. Don't know/don't remember

Trip B, C, D, E, F, G, H (only report for 10 trips max):

(Programmer note: repeat instruction for subsequent questions)

What was the purpose of your next trip?

And how did you make that trip?
(select all that apply)

SAME LIST AS TRIP A

SAME LIST AS TRIP A

5. We'll repeat this exercise for the day before yesterday...

(If "0" trips for both Q4 and Q5, thank and end interview with respondent

Trip A:

(Programmer note: repeat instruction for subsequent questions)

What was the purpose of your first trip?

- 1 Work
- 2 School
- 3 Shopping/Errands
- 4 Out to Eat/Social/Entertainment/Recreation
- 5 Home
- 6 Dropping someone off
- 7 Other (specify)
- 8 Don't know/Don't remember

And how did you make that trip?
(select all that apply)

- 1. Drove alone*
- 2. Drove with others*
- 3. Drove car share
- 4. Uber or Lyft
- 5. Regular taxi
- 6. Public transportation, such as Muni, BART, Caltrain, ferry, or public bus)
- 7. Private bus or van, including corporate shuttle, campus shuttle, or similar (including Google Bus, UCSF, CPMC, Art Institute, and RidePal)
- 8. Bicycle
- 9. Walk
- 10. Motorcycle
- 11. Standup e-scooter
- 12. Other (specify)
- 13. Don't know/don't remember

Note: If they report drove, specify if drove alone or with others

Trip B, C, D, E, F, G, H (only report for 10 trips max):

(Programmer note: repeat instruction for subsequent questions)

What was the purpose of your next trip?

SAME LIST AS TRIP A

And how did you make that trip?
(select all that apply)

SAME LIST AS TRIP A

BAY AREA RESIDENTS (Not San Francisco)

We are interested in your travel to, from, and in San Francisco.

First, we'd like to know the total number of trips you took into San Francisco in the last month.

6. In past 30 days, about how many total days have you gone into San Francisco?

Write in #: _____ days

7. Now consider your most recent trip into San Francisco, can you please describe the purpose of your FIRST STOP in the City?

Trip A:

What was the purpose of your first trip?

- 1 Work
- 2 School
- 3 Shopping/Errands
- 4 Out to Eat/Social/Entertainment/Recreation
- 5 Home
- 6 Dropping someone off.
- 7 Other (specify)
- 8 Don't know/Don't remember.

And how did you make that trip?
(select all that apply)

- 1. Drove alone*
- 2. Drove with others*
- 3. Drove car share
- 4. Uber or Lyft
- 5. Regular taxi
- 6. Public transportation, such as Muni, BART, Caltrain, ferry, or public bus)
- 7. Private bus or van, including corporate shuttle, campus shuttle, or similar (including Google Bus, UCSF, CPMC, Art Institute, and RidePal)
- 8. Bicycle
- 9. Walk
- 10. Motorcycle
- 11. Standup e-scooter
- 12. Other (specify)
- 13. Don't know/don't remember

Note: If they report drove, specify if drove alone or with others

TRIP B

8. Did you leave San Francisco using the same mode (e.g. car, etc.) of transportation?

- 1 Yes **(Skip to Q10)**
- 2 No
- 3 Stayed overnight in San Francisco **(Skip to Q10)**

9. How did you leave San Francisco? (Read list if necessary)

And how did you make that trip?
(select all that apply)

Note: If they report drove, specify if
drove alone or with others

- 1. Drove alone*
- 2. Drove with others*
- 3. Drove car share
- 4. Uber, Lyft, or similar
- 5. Regular taxi
- 6. Public transportation,
such as Muni, BART,
Caltrain, ferry, or public
bus)
- 7. Private bus or van,
including corporate
shuttle, campus shuttle,
or similar (including
Google Bus, UCSF, CPMC,
Art Institute, and RidePal)
- 8. Bicycle
- 9. Walk
- 10. Motorcycle
- 11. Standup e-scooter
- 12. Other (specify)
- 13. Don't know/don't
remember

10. Did you go to any other destinations while you were in the City that day?
(This should include any type of destination, such as walking to lunch, errands, etc.)

- 1 Yes
- 2 No **(Skip to Q12)**

11. How many additional places within San Francisco did you go to on that day?

Total additional places: _____**

**If more than 6, say "We will only ask about the first 6 trips"

11a. For each additional place within San Francisco, what was the purpose and how did you make that trip?

Trip C, D, E, F, G, H (only report for 10 trips max):

(Programmer note: repeat instruction for subsequent questions)

What was the purpose of your next trip?

SAME LIST AS TRIP A

And how did you make that trip? (select all that apply)

SAME LIST AS TRIP A

Notes: CATI program will allow for up to 10 trips per day.

12. Over the past 30 days, about how many days have you made this same kind of trip into San Francisco? (The same kind of trip is for the same main purpose and uses the same type of transportation)

Write in #: _____ days

13. Think now about the next most recent trip that you've taken into San Francisco that was different in some way. Have you taken any different type of trips into San Francisco in the past 30 days?

- 1 Yes
- 2 No (**Skip to Travel Choices section**)

^ If necessary, different types of trips would include trips for a different main purpose or using a different type of transportation than the one previously described.

14. For this next trip, describe the purpose of your first stop in the City and how you got there.

Trip A:

(Programmer note: repeat instruction for subsequent questions)

What was the purpose of your first trip?

- 1 Work
- 2 School
- 3 Shopping/Errands
- 4 Out to Eat/Social/Entertainment/Recreation
- 5 Home
- 6 Dropping someone off.
- 7 Other (specify)
- 8 Don't know/Don't remember.

And how did you make that trip?
(select all that apply)

1. Drove alone*
2. Drove with others*
3. Drove car share
4. Uber or Lyft
5. Regular taxi
6. Public transportation, such as Muni, BART, Caltrain, ferry, or public bus)
7. Private bus or van, including corporate shuttle, campus shuttle, or similar (including Google Bus, UCSF, CPMC, Art Institute, and RidePal)
8. Bicycle
9. Walk
10. Motorcycle
11. Standup e-scooter
12. Other (specify)
13. Don't know/don't remember

Note: If they report drove, specify if drove alone or with others

TRIP B

15. Did you leave San Francisco using the same mode (e.g. car, etc.)?

- 1 Yes **(Skip to Q17)**
- 2 No
- 3 Stayed overnight in San Francisco **(Skip to Q17)**

16. How did you leave San Francisco? (Read list if necessary)

And how did you make that trip?
(select all that apply)

Note: If they report drove, specify if
drove alone or with others

- 1. Drove alone*
- 2. Drove with others*
- 3. Drove car share
- 4. Uber or Lyft
- 5. Regular taxi
- 6. Public transportation,
such as Muni, BART,
Caltrain, ferry, or public
bus)
- 7. Private bus or van,
including corporate
shuttle, campus shuttle,
or similar (including
Google Bus, UCSF, CPMC,
Art Institute, and RidePal)
- 8. Bicycle
- 9. Walk
- 10. Motorcycle
- 11. Standup e-scooter
- 11. Other (specify)
- 12. Don't know/don't
remember

17. Did you go to any other destinations while you were in the City that day?

(Note: this should include any type of trip, such as going out to lunch, errands, etc.)

- 1 Yes
- 2 No **(Skip to Q19)**

18. How many additional places within San Francisco did you go to on that day?

Total additional places _____**

**If more than 6, say "We will only ask about the first 6 trips" _

18a. For each additional place, what was the purpose and how did you make that trip – for example: car, walking, bicycle, transit or some other way.

Trip C, D, E, F, G, H (only report for 10 trips max):

(Programmer note: repeat instruction for subsequent questions)

What was the purpose of your next
trip?

And how did you make that trip?
(select all that apply)

SAME LIST AS TRIP A

SAME LIST AS TRIP A

Notes: CATI program will allow for up to 10 trips per day.

19. Over the past 30 days, about how many days have you made that same kind of trip into San Francisco?

Write in #: _____ days

TRAVEL CHOICES

Next, we will ask you a few questions about the pandemic's influence on your travel choices.

20. Did you regularly commute to work or school before the pandemic began?

- 1 Yes -> About how many days a week? _____ (type in #)
- 2 No

21. Do you think you will be regularly commuting again sometime later this year (2021)?

- 1 Yes -> About how many days a week? _____ (type in #)
- 2 No
- 3 Don't know

(Interviewer note: If respondent already commuting, select yes)

(if no on Q20, skip to Q24. if no on Q21, ask Q22 and Q22a then skip to Q24)

22. How did you usually commute before the pandemic?

(Select all that apply). note: these should be all modes used on a typical one-way trip

1. Drove alone
2. Drove with others
3. Drove car share
4. Uber or Lyft
5. Regular taxi
6. Public transportation, such as Muni, BART, Caltrain, ferry, or public bus
7. Private bus or van, including corporate shuttle, campus shuttle, or similar
8. Bicycle
9. Walk
10. Motorcycle
11. Standup e-scooter
12. Other (specify)
13. Don't know/don't remember
14. Did not use any typical commute mode (used multiple modes; no commute pattern dominant) [interviewer note: EXCLUSIVE ANSWER]

23. How do you think you will be commuting later this year?
 (Select all that apply) note: these should be all modes used on a typical one-way trip

1. Drive alone
2. Drive with others
3. Drive car share
4. Uber or Lyft
5. Regular taxi
6. Public transportation, such as Muni, BART, Caltrain, ferry, or public bus
7. Private bus or van, including corporate shuttle, campus shuttle, or similar
8. Bicycle
9. Walk
10. Motorcycle
11. Standup e-scooter
12. Other (specify)
13. Don't know
14. Did not use any typical commute mode (used multiple modes; no commute pattern dominant) [interviewer note: EXCLUSIVE ANSWER]

San Francisco is considering ways to improve transit in the City. Would any of the following **encourage you** to use transit (or to use transit more often)?

	Would definitely encourage me	Might encourage me	Would not encourage me
24. Better on-time performance	3	2	1
25. More frequent service	3	2	1
26. Less crowding on buses/trains	3	2	1
27. Cleaner buses/trains	3	2	1
28. Improving safety while onboard or waiting for bus/train	3	2	1

29. Do you own a car, or have regular access to a car through family or friends?

1. Yes – own a car
2. Yes – have regular access to a car through family/friends
3. No
4. Don't know

(if have car, ask the next two questions)

30. Where do you usually park the car when you are at home?

1. On the street - with a residential parking permit
2. On the street - no residential parking permit
3. Paid off-street (in my building or nearby)
4. Free off-street (driveway or garage in my building)
5. Don't know/Refused (DON'T READ)

31. Where do you usually park the car when you drive to work?

1. Do not drive to work
2. Paid parking lot or garage
3. Paid street parking
4. Free street parking
5. Parking lot or garage provided by my employer (free for me)
6. Don't know/Refused (DON'T READ)

Interviewer note: If not driving to work yet, ask “Where WILL you usually park the car when you begin driving to work”

Demographics

Lastly, we have just a few classification questions left.

32a. What is your home ZIP Code? _____

32b. What is your workplace zip code? _____

- Do not work
- Work from home
- Variable work location
- Refused / Don't know

32c (If refused/don't know). What is the nearest intersection near your workplace?

_____ / _____

33. Do you have a disability or health condition that affects your ability to use the public transportation system in San Francisco?

- 1 Yes
- 2 No
- 3 Don't know

34. What is your age?

- 1 18 or under
- 1 19 - 24
- 2 25 - 34
- 3 35 - 44
- 4 45 - 54
- 5 55 - 64
- 6 65 - 74
- 7 75 or over
- 8 Don't know/Refused (DON'T READ)

35. What race and/or ethnicity do you identify with? Select all that apply.

- 1. Asian
- 2. Black and/or African American
- 3. Hispanic and/or Latina, Latino, or Latinx
- 4. Middle Eastern and/or North African
- 5. Native American
- 6. Pacific Islander
- 7. White
- 8. Another race or ethnicity (specify): _____
- 9. Don't know/Refused (DON'T READ)

36. What is the total annual income (before taxes) of everyone in your household?

- 1. Less than \$10,000
- 2. \$10,000 to \$25,499
- 3. \$25,500 to \$34,499
- 4. \$34,500 to \$43,499
- 5. \$43,500 to \$52,499
- 6. \$52,500 to \$63,499
- 7. \$63,500 to \$74,999
- 8. \$75,000 to \$99,999
- 9. \$100,000 to \$124,999
- 10. \$125,000 to \$149,999
- 11. \$150,000 to \$174,999
- 12. \$175,000 to \$199,999
- 13. \$200,000 or more
- 14. Don't know/Refused (DON'T READ)

37. How many people are in your household? _____

(Enter number, enter 999 for refused)

38. What is your gender?

1. Female
2. Trans female
3. Male
4. Trans Male
5. Genderqueer / Gender Non-Binary
6. Not listed. Please specify): _____
7. Don't know/Refused (DON'T READ)

Thank you very much for completing the survey! And for validation purposes, may I please have your first name?

Name _____

Comments:

Appendix B: SF-CHAMP Daily Trip Estimates

From	To	SF Residents	Rest of Bay Area Residents	All residents
San Francisco	San Francisco	2,884,257	267,339	3,151,597
San Francisco	Rest of Bay Area	150,353	463,909	614,262
Rest of Bay Area	San Francisco	150,353	463,909	614,262
Rest of Bay Area	Rest of Bay Area	41,721	20,984,723	21,026,444
	SF total trips	3,184,963	1,195,158	4,380,121
	Total trips	3,226,684	22,179,880	25,406,564
	Percent of SF trips	72.7%	27.3%	

Base model (Year 2015 - CHAMP 6.0) run for TIMMA TIPS. Trip figures increased for annual population growth from the 2020 U.S. Census.