San Francisco Municipal Transportation Agency (SFMTA)
Travel Decisions Survey 2019

Summary Report

Study Conducted and Reporting By
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Contents

Introduction

On behalf of San Francisco Municipal Transportation Agency (SFMTA), Corey, Canapary & Galanis (CC&G) undertook a Mode Share Survey within the City and County of San Francisco as well as the eight surrounding Bay Area counties of Alameda, Contra Costa, San Mateo, Marin, Santa Clara, Napa, Sonoma and Solano.

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 private auto compared to other modes (e.g. walking, biking, transit, etc.). This survey is the primary instrument for determining the current value of the SFMTA's Strategic Objective 2.2 Key Performance Indicator (80% Sustainable Mode Share) and provides information used by the agency
- 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 to the Bay Area and for commercial purposes 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 841 Bay Area residents aged 18 and older. Telephone surveying was conducted during May – August 2019. Interviewing was conducted in English, Spanish, Mandarin, and Cantonese. Surveying was conducted via random digit dial (RDD) and cell phone sample.

Sampling was designed to include about half of interviews with San Francisco residents, and about half of interviews with residents of other Bay Area counties (e.g. non-San Francisco). The methodology of capturing trip details differed slightly for the two populations. Out-of-town visitors, "through trips" (with no stops in San Francisco), and commercial trips were not included in this mode share survey.

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 capture of detailed mode information for all trips taken by each respondent over a two-day period.

Other Bay Area residents were asked about two days of travel into San Francisco from the prior 30 days; these trips needed to vary by travel mode or trip purpose, and respondents reported the number of times they had travel days like those in the prior 30 days.

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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 +/-3.3% in the total sample (n = 841). For other sample sizes, the margin of error is as follows:

- n = 400. Margin of error = +/- 4.85%
- n = 100. Margin of error = +/- 9.80%

"Sustainable" Modes

During spring and summer 2017, the SFMTA Executive Team developed the text of the new strategic plan goals and objectives. They established the use of the term "sustainable" in reference to types of modes of travel, with a view of tracking the percentage of trips made using sustainable modes in order to measure the success of SFMTA's efforts to promote sustainable modes of travel.

SFMTA identified walking, bicycling, and public transit as the most sustainable modes of travel in San Francisco. These were selected based on the following criteria:

- As either non-motorized transport or using low- or zero-emission fuels, these modes emit zero greenhouse gas emissions through their use.
- These modes also meet social and economic sustainability requirements as being accessible and available at relatively low cost to those that need it.
- They facilitate movement of people through the city using comparatively less physical street and curb space per person travelling.

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Key Findings

<u>General</u>
- Non-Private Auto trips represent over half (52%) of all trips in San Francisco.
- Sustainable modes of transit were utilized for half (47%) of all trips in San Francisco, while less sustainable modes represented slightly more than half (53%) of all trips in San Francisco
- Nearly a third (30%) of trips by other Bay Area County residents into the City were for work. Over the past two days, one-quarter (25%) of San Francisco residents' trips were for a social/eat out/entertainment/recreation event, another quarter (22%) were for work, and 6% were for shopping/errands.

<u>Mode Share</u>
Mode share was determined by collecting trip level information for all respondents. Respondents were asked the <u>specific type of transportation ("mode")</u> used for each trip taken (e.g. car, walk, bicycle, etc.). Mode share percentages are based off the total number of trips (n = 10,437) for all respondents.

Estimated Mode Share in San Francisco

Mode Share Survey Fall 2019*

Private Auto	**48%**
Drive alone	31%
Carpool	17%
Non-Private Auto	**52%**
Walk	22%
Transit^	22%
TNC	5%
Bicycle	2%
Other^	1%
Don't know^^	**<0.5%**

Total Daily Trips**	**4,457,310**

Projections based on Total Daily Trips and Mode Share Survey Fall 2019**
(Total Daily Trips x % for each mode)

Private Auto	2,146,494
Non-Private Auto	2,309,278
Don't Know^^	1,537

* Source: SFMTA Mode Share Survey 2019. Includes both SF residents and residents of other Bay Area counties
** Source: SF-CHAMP Year 2015-CHAMP 6.0 run for TIMMA TIPS
^Transit includes: public transit (17%) and private transit (1%). Other includes taxi (<0.5%), carshare (<0.5%), and standup electric scooter (<0.5%).
Responses and are rounded to the nearest percentage. For example, the actual share of respondents who used transit is 21.7%. As this is more than 21.5% it is rounded to 22%
^^Respondents answered "Don't know/remember" when asked how they made their trip

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Findings

Mode Share

Private auto trips represent half (48%) of all trips in San Francisco. Walking and transit each account for about one-quarter of trips (22%).

Overall (Trips represented)*	Total^ (10,437)
Private Auto	48%
Drove alone	31%
Drive with others	17%
Non-Private Auto	52%
Walk	22%
Transit	22%
Public	21%
Private (Corporate bus, Campus Shuttle, etc)	1%
Taxi or TNC	5%
TNC	5%
Taxi	<0.5%
Bicycle	2%
Carshare	1%
Standup Electric Scooter	<0.5%
Don't know	<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 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 travel mode (given by respondents) for these trips.

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Area (Trips represented)*	SF (2,798)	Non-SF (7,639)
Private Auto	48%	48%
Drove alone	32%	29%
Drive with others	16%	19%
Non-Private Auto	52%	52%
Walk	25%	16%
Transit	18%	32%
Public	17%	31%
Private (Corporate bus, Campus Shuttle, etc.)	1%	1%
Bicycle	3%	1%
Taxi or TNC	6%	2%
TNC	5%	2%
Taxi	<0.5%	<0.5%
Carshare	<0.5%	2%
Standup Electric Scooter	<0.5%	<0.5%
Don't know	1%	<0.5%

Gender (Trips represented)*	Male^ (5,458)	Female^ (4,845)	Non-Binary^ (134)
Private Auto	53%	43%	5%
Drove alone	36%	26%	<0.5%
Drive with others	17%	17%	5%
Non-Private Auto	47%	57%	95%
Walk	20%	25%	25%
Transit	19%	25%	36%
Public	18%	25%	36%
Private (Corporate bus, Campus Shuttle, etc.)	1%	<0.5%	<0.5%
Bicycle	3%	1%	<0.5%
Taxi or TNC	4%	6%	11%
Taxi	0%	1%	<0.5%
TNC	4%	5%	11%
Carshare	1%	<0.5%	23%
Standup Electric Scooter	<0.5%	<0.5%	<0.5%
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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Age (Trips represented)*	18-34^ (3,546)	35-54^ (4,105)	55+^ (2,473)	Refused (313)
Private Auto	40%	50%	55%	59%
Drove alone	25%	33%	35%	47%
Drove with others	15%	17%	20%	11%
Non - Private Auto	60%	50%	45%	41%
Walk	25%	23%	19%	<0.5%
Transit	24%	19%	22%	27%
Public	24%	18%	21%	27%
Private (Corporate bus, Campus Shuttle, etc)	<0.5%	2%	<0.5%	<0.5%
Bicycle	2%	3%	2%	<0.5%
Taxi or TNC	8%	4%	2%	14%
Taxi	<0.5%	<0.5%	1%	<0.5%
TNC	8%	4%	1%	14%
Carshare	1%	1%	<0.5%	<0.5%
Standup Electric Scooter	<0.5%	<0.5%	<0.5%	<0.5%
Don't know	<0.5%	<0.5%	<0.5%	<0.5%

Trips By Income (Trips represented)*	Less than $75K^ (2,446)	$75K & over^ (6,266)	Refused^ (1,726)
Private Auto	44%	48%	56%
Drove alone	30%	30%	43%
Drove with others	14%	19%	13%
Non - Private Auto	56%	51%	44%
Walk	19%	25%	17%
Transit	30%	19%	20%
Public	30%	18%	20%
Private (Corporate bus,Campus Shuttle,etc)	<0.5%	1%	1%
Bicycle	3%	2%	<0.5%
Taxi or TNC	4%	6%	4%
Taxi	1%	<0.5%	<0.5%
TNC	3%	5%	4%
Carshare	<0.5%	<0.5%	3%
Standup Electric Scooter	<0.5%	<0.5%	<0.5%
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 Purpose

Over the past thirty days, nearly one-third (30%) of trips by other Bay Area County residents into the City were for work, one quarter (26%) were for social/entertainment/recreation, and 8% for shopping or errands.

Over the past two days, one-quarter (25%) of San Francisco residents' trips were for a social/eat out/entertainment/recreation event, another quarter (22%) were for work, and 16% were for shopping/errands.

(Trips represented)*	SF (2,798)	Non-SF (7,639)
Social/Eat Out/Entertainment/Recreation	25%	26%
Work	22%	30%
Shopping/Errands	16%	8%
School	1%	1%
Home	33%	34%
Other (Unspecified)	4%	1%
Don't know	1%	<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.

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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 19 trips to, from, or within the City in the past 30 days, with a median of 8 trips.

With this definition, the average San Francisco resident made about 3 trips per day (6 trips over the two-day period).

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

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

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

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

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Mode Choice: Preferred Alternate Mode

20a. If you did not <Mode of first trip> on your first trip, what would you have done otherwise?
[Surveyor asks open ended, reads from list if asked. Select one response only.]

20a. If you did not <Mode of last trip> on your first trip, what would you have done otherwise?
[Surveyor asks open ended, reads from list if asked. Select one response only.]

Respondents were split into two groups. One group was asked to report which transportation mode they would take if the mode they used for their first trip of the day was unavailable. The other group was asked to report which transportation mode they would take if the mode they used for their last trip of the day was unavailable.

Of riders who initially used a private auto mode (either drove alone or with others) for their trip, 70% would use a non-private auto mode as an alternative mode. 4% would switch from driving alone to driving with other and 5% would shift from driving with others to driving alone.

Of riders who used a non-private auto mode for their trip, 21% would shift to driving alone and 13% would shift to driving with others. 54% would shift to an alternative non-private auto mode.

	Alternative Mode		
	Drive Alone	Non-Private Auto	Would not have taken trip
Initial Mode-Initial Trip	%	%	%
Private Auto	9	70	20
Non-Private Auto	33	54	13

Definitions:
- Private Auto: Drive Alone or Drive with Others
- Non-Private Auto: All other modes

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Usage of Uber/Lyft and Bikeshare/Standup Electric Scooter

21. Have you tried any of these new travel options? If yes, how often do you use them?

Nearly half (49%) of respondents overall use Uber or Lyft at least once a month. For San Francisco residents, this percentage increases to 59%. For other Bay Area residents, 38% say they use Uber or Lyft at least monthly.

Most respondents (83%) have never tried bikeshare or Standup Electric Scooters. Only 6% of respondents overall use bikeshare or Standup Electric Scooters at least once a month. This share is higher for San Francisco residents (7%) than Bay Area residents (4%).

A. Lyft or Uber

	Total	SF	Non-SF
Never tried	15%	12%	18%
Daily	5%	8%	2%
Weekly	24%	33%	14%
Monthly	20%	18%	22%
Rarely	30%	24%	37%
I've tried it, but I do not use it	6%	5%	7%

B. Bikeshare or Standup Electric Scooter

	Total	SF	Non-SF
Never tried	83%	82%	83%
Daily	<0.5%	1%	<0.5%
Weekly	2%	3%	2%
Monthly	3%	4%	2%
Rarely	7%	6%	8%
I've tried it, but I do not use it	5%	5%	5%

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Usage of Taxis

21c. And how often do you use traditional taxis?

Other Bay Area residents are slightly less likely to have tried traditional taxis as San Francisco residents. San Francisco residents are also more likely to have used them in the previous month (10% vs. 2%).

	Total	SF	Non-SF
Never tried	23%	20%	27%
Daily	<0.5%	<0.5%	<0.5%
Weekly	1%	3%	-
Monthly	4%	7%	1%
Rarely	33%	35%	30%
I've tried it, but I do not use it	38%	35%	41%

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Mode Shift

22. (SF Residents) in the past 30 days have you used more than one mode of transportation to get somewhere in San Francisco? For example, you begin dropped off, then take Muni to your destination. (Outside SF Residents) in the past 30 days have you used more than one mode of transportation in San Francisco to get to your destination? For example, using Muni to get to BART.
22A How often do you use more than one mode?
22B What modes do you combine most often?

Nearly three-quarters (72%) of respondents overall do not use more than one mode to travel within San Francisco. Other Bay Area residents were much more likely than SF residents to utilize a sole mode of travel (82% vs 62%)

Of those who utilize more than one mode, over half (55%) combine modes at least weekly. Public transit and walking are the two more prevalently combined modes.

	Total	SF	Non-SF
Yes, combine modes	28%	37%	17%
No, Do not combine modes	72%	62%	82%
Don't know/remember	<0.5%	1%	<0.5%

	Total	SF	Non-SF
Daily	19%	20%	16%
Weekly	36%	39%	28%
Monthly	26%	25%	30%
Rarely	19%	16%	27%

	Total	SF	Non-SF
Public Transit	82%	79%	90%
Walk	47%	54%	32%
Uber or Lyft	32%	30%	35%
Drive alone	21%	18%	27%
Drive with others	11%	10%	15%
Bicycle	10%	13%	4%
Private Bus or Van	2%	2%	3%
Taxi	1%	1%	2%
Standup Electric Scooter	1%	<0.5%	2%
Motorcycle	1%	1%	-
Car Share	<0.5%	-	1%
Other (Unspecifed)	2%	3%	2%

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Car Ownership

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

While eight out of every ten respondents (87%) own or have access to a car, Bay Area residents are more likely than San Francisco residents to have access to a car.

	Total	SF	Non-SF
Yes, own or have access to a car	87%	79%	95%
No, do not own or have access to a car	13%	21%	5%
Don't know	<0.5%	<0.5%	-

Bicycle Improvement Awareness

24a. Are you aware of the expansion of bicycle lanes and other improvements in bicycle access throughout San Francisco in the past few years?

Eight in ten (86%) of respondents overall are at least somewhat aware of the cycling improvements San Francisco has made in the past few years. San Francisco residents are more likely to be aware of these improvements.

	Total	SF	Non-SF
Yes, aware of cycling improvements	77%	86%	68%
No, not aware of cycling improvements	14%	7%	21%
Somewhat aware of cycling improvements	9%	7%	11%
Don't know	<0.5%	<0.5%	-

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Demographics

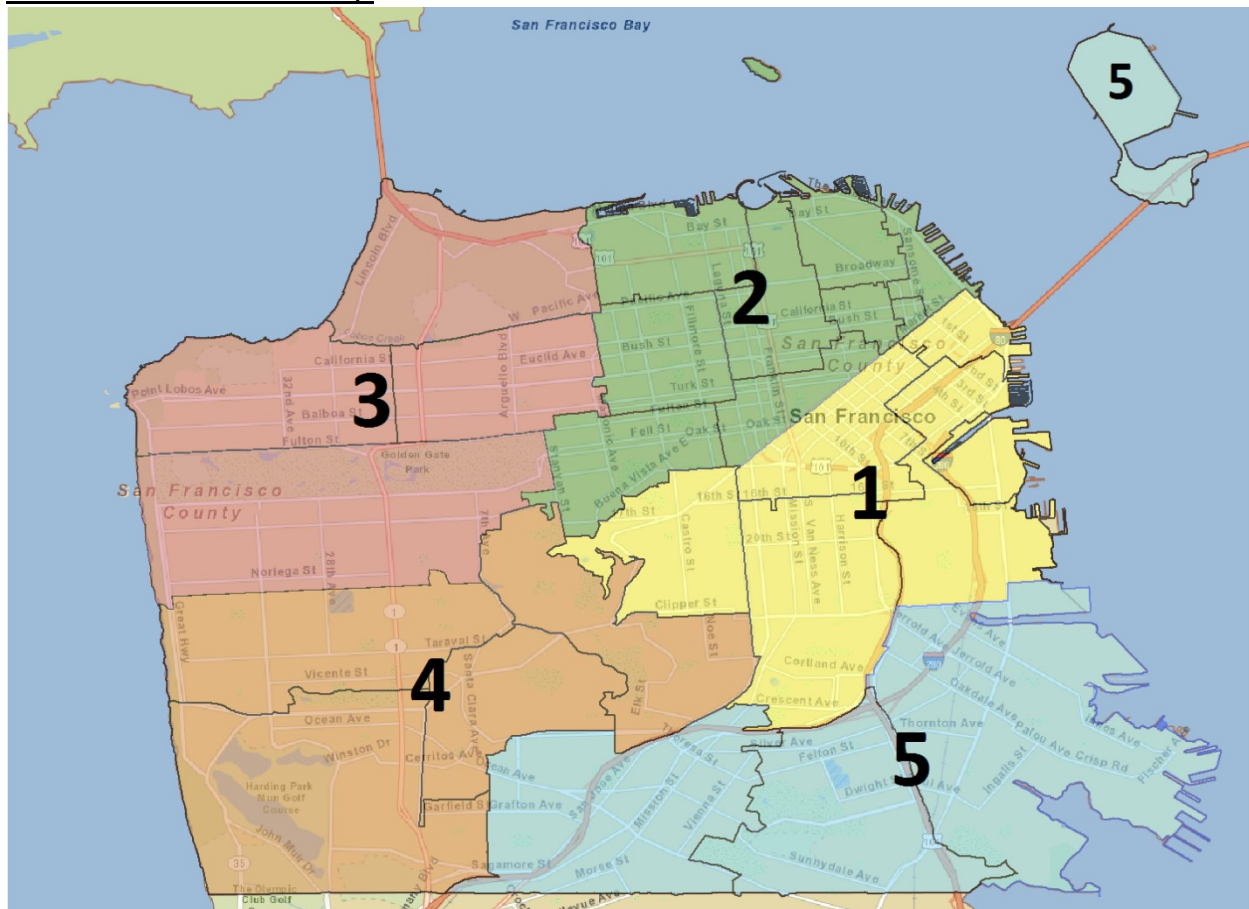|	Total
Base (All Respondents)	**804**
% respondents	
Age	
18 To 24	9%
25 To 34	23%
35 To 44	18%
45 To 54	16%
55 To 64	15%
65 And Older	16%
Refused	3%
Annual Household Income	
$15,000 Or Less	5%
$15,001 To $25,000	3%
$25,001 To $35,000	5%
$35,001 To $75,000	14%
$75,001 To $100,000	12%
$100,001 To $200,000	24%
Over $200,000	22%
Refused	17%
Gender	
Male	55%
Female	45%
Non-Binary	1%
Race or Ethnic Identification	
White	55%
Asian/Pacific Islander	22%
Hispanic/Latino	13%
Black or African American	9%
Native American	2%
Mixed (Unspecified)	<0.5%
Other	1%
Refused	4%
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	91%
Don't know	1%
Base (Have disability or health condition…)	**62**
Mobility Disability	74%
Cognitive or Mental Impairment	12%
Blindness or Vision Impairment	11%
Other	2%
Refused/Declined to State	2%

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Home Location

The following table shows the percentage of responses from each geographical segment of the sample. To allow for analysis of mode share among various parts of the City, San Francisco was divided into zones based on proximity to downtown, travel behavior, and geography using US Postal Service zip codes.

	Total	SF	Non-SF
San Francisco	51%		
San Francisco – Zone 1		13%	-
San Francisco – Zone 2		13%	-
San Francisco – Zone 3		8%	-
San Francisco – Zone 4		8%	-
San Francisco – Zone 5		9%	-
San Francisco – Refused		-	-
Other Bay Area Counties	49%		
Counties adjacent to SF or very large: Alameda, Contra Costa, Santa Clara, San Mateo		-	39%
Marin, Napa, Solano, and Sonoma counties		-	10%

San Francisco Zone Map

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Appendices

Appendix A: Survey Instrument
Appendix B: SF-CHAMP Daily Trip Estimates

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Appendix A: Survey Instrument

SFMTA Travel Decision Survey 2019
Questionnaire
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)

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SAN FRANCISCO RESIDENTS
(Ask Q4 and Q5, then skip to Travel Choices Section)
4. We are ready to start.
Think about the places you went to **yesterday.**
> First, we'll ask you the total number of trips you took.
>Then, 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. Count each leg of a round trip as a separate trip.
It may help to get a piece of paper to make a list of all of the places you went
[When ready]

How many trips did you take yesterday (day)? Total trips taken _____**
      **If more than 8, say "We will only ask about the first 8 trips"

Trip A:
(Programmer note: repeat instruction for subsequent questions)

What was the purpose of your first trip?	And how did you make that trip?	Note: If they report drove, specify if drove alone or with others
1 Work	1. Drove alone*	
2 School	2. Drove with others*	
3 Shopping/Errands	3. Drove car share	
4 Out to Eat/Social/ Entertainment/Recreation	4. Uber or Lyft	
5 Home	5. Regular taxi	
6 Dropping someone off	6. Public transportation, such as Muni, BART, Caltrain, ferry, or public bus)	
7 Other (specify)	7. Private bus or van, including corporate shuttle, campus shuttle, or similar (including Google Bus, UCSF, CPMC, Art Institute, and RidePal)	
8 Don't know/Don't remember	8. Bicycle	
	9. Walk	
	10. Motorcycle	
	11. Standup Standup Electric Scooter	
	12. Other (specify)	
	13. Don't know/don't remember	

Trip B, C, D, E, F, G, H (only report for 8 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?	SAME LIST AS TRIP A

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

How many trips did you take two days ago? (day)
Total trips taken _____**

**If more than 8, say "We will only ask about the first 8 trips"
(If "0" 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?
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, Chariot, and RidePal)
8. Bicycle
9. Walk
10. Motorcycle
11 Standup Standup Electric 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 8 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?

SAME LIST AS TRIP A

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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

Interviewer note:

Next, we'll ask you for details about the most recent trip you took to the City.

>For all of the places in the City that you went on that day, 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, walking, or taking transit.

> Include any trip to a new location, such as walking to lunch, stopping to get coffee, or going to the grocery store. Count each leg of a round trip as a separate trip.

>It may help to get a piece of paper to make a list of these trips.

7. Now consider your most <u>recent trip</u> into San Francisco, can you please describe the purpose of your first stop in the City and how you got there?

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?

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, Chariot, and RidePal)
8. Bicycle
9. Walk
10. Motorcycle
11. Standup Standup Electric 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?   Note: If they report drove, specify if
1.   Drove alone*   drove alone or with others
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, Chariot, and
        RidePal)
8.   Bicycle
9.   Walk
10.   Motorcycle
11.   Standup Standup Electric
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 going: out to eat, errands, etc.
   1   Yes **(Skip to Q12)**
   2   No

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 8 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?
        SAME LIST AS TRIP A

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Notes: CATI program will allow for up to 8 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?
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, Chariot, and RidePal)
8.   Bicycle
9.   Walk
10.   Motorcycle
11.   Standup Standup Electric 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 8 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? | SAME LIST AS TRIP A |

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?   Note: If they report drove, specify if
1.   Drove alone*   drove alone or with others
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, Chariot, and
        RidePal)
8.   Bicycle
9.   Walk
10.   Motorcycle
11.   Standup Standup Electric
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 8 trips max):
(Programmer note: repeat instruction for subsequent questions)
What was the purpose of your next   And how did you make that trip?
trip?   SAME LIST AS TRIP A
SAME LIST AS TRIP A

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Notes: CATI program will allow for up to 8 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 your travel choices.

20. If you did not <Mode of trip 1> on your first trip ** yesterday (SF respondents)/most recent trip to the city (Non-SF respondents), what type of transportation would you have taken instead? [Surveyor asks open ended, reads from list if asked. Select <u>one response only.</u>]
    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 Standup Electric Scooter
    12   Other (specify)
    13   Would not have taken trip
    14   Don't know/don't remember

Interviewer notes: If they report drove, specify if drove alone or with others.
** About half will be asked about first trip yesterday and half about **last trip** yesterday.

21. Have you tried any of the following travel options? If yes, how often do you use them?
        a. Lyft or Uber
                a. Never tried
                b. Daily
                c. Weekly
                d. Monthly
                e. Rarely
                f. I've tried it, but I do not use it

        b. Bikeshare or Standup Standup Electric Scooter-share
                a. Never tried
                b. Daily
                c. Weekly
                d. Monthly
                e. Rarely
                f. I've tried it, but I do not use it

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c. And how often do you use traditional taxis?
> a. Never tried
> b. Daily
> c. Weekly
> d. Monthly
> e. Rarely
> f. I've tried it, but I do not use it

22. *Two versions*
[In SF] In the past 30 days, have you used more than one mode of transportation to get somewhere in San Francisco …for example, being dropped off then taking Muni to your destination?
[Out of SF] In the past 30 days, have you used more than one mode of transportation within San Francisco to get to your destination…for example, getting a ride to BART?
> 1 Yes
> 2 No
> 3 Don't know

> *Interviewer note: Other examples, a) bike and BART b) Standup Electric Scooter and Muni, etc.)*

(if yes, ask)
22a. How often do you use more than one mode?
> 1 Never
> 2 Daily
> 3 Weekly
> 4 Monthly
> 5 Rarely

(Ask unless never in Q.22a)
22b. What modes did you combine <u>most often</u>? (Read list if necessary. Select two or more)
> 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 (including Google Bus, UCSF, CPMC, Art Institute, and RidePal)
> 8 Bicycle
> 9 Walk
> 10 Motorcycle
> 11 Standup Standup Electric Scooter
> 12 Other (specify)
> 13 Don't know

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23. Do you own a car, or have regular access to a car through family or friends?
  1 Yes
  2 No
  3 Don't know

24a. Are you aware of the expansion of bicycle lanes and other improvements in bicycle access throughout San Francisco in the past few years?
  1 Yes
  2 Somewhat
  3 No
  4 Don't know

Demographics
Lastly, we have just a few classification questions left.

25a. What is your home ZIP Code? _____ _____ _____ _____ _____

25b. What is your workplace zip code? _____ _____ _____ _____ _____
                          [ ] Do not work
                          [ ] Work from home
                          [ ] Variable work location
                          [ ] Refused / Don't know

                          25c (If refused/don't know). What is the nearest intersection near your workplace?
                          _____ / _____

26a. Do you have a disability or health condition that affects the travel choices you make in San Francisco?
  1 Yes
  2 No
  3 Don't know

26b. [IF YES] What is your disability, would you say (Read list. Include all that apply)
  1 Blindness or vision impairment
  2 Hearing impairment
  3 Mobility disability
  4 Cognitive or mental impairment
  5 Refused / Decline to State [Do not read]
  6 Other [Do not read]

27. Are you responsible for the transportation of anyone else in your household?
  1. Yes
  2. No
  3. Don't know

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28. How old are you?
    1 18 - 24
    2 25 - 34
    3 35 - 44
    4 45 - 54
    5 55 - 64
    6 65 +
    7 Refused

29. What is your race or ethnic identification? You may select more than 1. **(select all that apply).**
    1. Asian/Pacific Islander
    2. Black or African American
    3. Hispanic / Latino
    4. White
    5. Native American
    6. Other
    7. Refused

30. Is your annual household income . . . ?
    1. $15,000 or less
    2. $15,001 - $25,000
    3. $25,001 - $35,000
    4. $35,001 - $75,000
    5. $75,001 - $100,000
    6. $100,001 - $200,000
    7. Over $200,000
    8. Refused
    9.

31. What gender do you identify with?
    1. Male
    2. Female
    3. Other

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

Name_____

Comments: _____
_____
_____

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Appendix B: SF-CHAMP Daily Trip Estimates

From	To	SF Residents	Rest of Bay Area Residents	All residents
San Francisco	San Francisco	2,935,085	272,051	3,207,136
San Francisco	Rest of Bay Area	153,002	472,085	625,087
Rest of Bay Area	San Francisco	153,002	472,085	625,087
Rest of Bay Area	Rest of Bay Area	42,456	21,354,527	21,396,984
	SF total trips	3,241,090	1,216,220	4,457,310
	Total trips	3,283,546	22,570,747	25,854,293
	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 estimates from the U.S. Census. At the time of this report, population growth estimates were not available for 2018, and the same growth rate for 2017 was assumed for 2018 and 2019.

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