

# California Communities Travel Survey

## 2023.11.30

Thanks for your interest in taking part in this important research on transportation in California. Before we begin, please take a moment to read the information below. Click "next" at the bottom of the page to continue the survey.

## Introduction and Purpose

You are being invited to join a research study conducted by the Institute of Transportation Studies, University of California, Davis

There is a \$8 Amazon.com Gift Card\* for the first 2,500 respondents who take this survey. In addition, there are 50 available \$50 Amazon.com Gift Cards\* that will be drawn at random.

The purpose of this study is to learn more about Californian households' access to transportation, how they get around, and their views about new transportation technologies.

If you agree to be in this research, you will be asked to complete a survey. You will be asked questions about your households, where you live, how you get around, and your views about new transportation technologies. It will take about 15 minutes to complete the survey.

There is no direct benefit to you from taking part in this study. We hope that the research will inform California transportation policy and investments into transportation improvements.

The risks of this research are minimal. Some of the questions might make you feel uncomfortable or upset. You do not have to answer any of the questions you do not want to answer and can leave the survey at any time. Some questions require a response because they are important in informing California transportation policy.

## Compensation

Your responses are important to us and we hope you will take this survey.

If you do not wish to participate in this survey but would still like to receive an \$8 incentive (if eligible) or be entered into the drawing of 50 available \$50 gift cards please write to:

Attn Scott Hardman  
Electric Vehicle Research Center  
1605 Tilia St  
Davis, CA 95616

## Confidentiality

As with all research, there is a chance that confidentiality could be compromised; however, we are taking precautions to minimize this risk. Your responses to the survey will not include information that directly identifies you. All survey data will be handled as confidentially as possible. However, individuals from UC Davis who oversee research may access your data during audits or other monitoring activities.

To minimize the risks of breach of confidentiality, we will store survey data on a secure password protected encrypted cloud based storage.

# Rights

***Taking part in research is completely voluntary.*** You are free to decline to take part in the project. You can decline to answer any questions and you can stop taking part in the project at any time. Whether or not you choose to take part, or answer any question, or stop taking part in the project, there will be no penalty to you or loss of benefits to which you are otherwise entitled.

# Questions

If you have any questions about this research, please feel free to contact the investigator at 530 754 4408 (tel:+15307544408) or [shardman@ucdavis.edu](mailto:shardman@ucdavis.edu) (mailto:shardman@ucdavis.edu)

If you have any questions about your rights or treatment as a research participant in this study, please contact the UC Davis, Institutional Review Board by phone: 916 703 9158 (tel:+19167039158) or by email: [HS-IRBEducation@ucdavis.edu](mailto:HS-IRBEducation@ucdavis.edu) (mailto:HS-IRBEducation@ucdavis.edu).

**If you agree to take part in the research, select the next button below to continue to take the survey.**

There are 78 questions in this survey.

# Travel behavior

[data]

Please write your answer(s) here:

Browser

Engine

OS

Device

[myseed]

Please write your answer here:

[s1q1]How often do you use each of the following to get from place to place? \*

Please choose the appropriate response for each item:

	Daily	A few times a week	A few times a month	A few times a year	Never
Walk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bike, e-bike or e-scooter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drive a vehicle (car/truck/SUV)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Get a ride (e.g., from family, friend, neighbor, colleague etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taxi or rideshare such as Uber/Lyft	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bus/train/subway/light rail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Paratransit	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Households Vehicles

For this section, “household” means everyone who lives at your address with you. This may include family, partners, children, friends, and roommates. Vehicles refer to cars, trucks, or SUVs.

[s3q1]How many vehicles are there in your household?  
(not including recreational vehicles or non operational  
vehicles) \*

Please choose **only one** of the following:

- 0
- 1
- 2
- 3
- 4
- 5 or more

[s3q14]How many vehicles not including ones in your  
household do you have regular use of? (not including  
recreational vehicles or non-operational vehicles) \*

Please choose **only one** of the following:

- 0
- 1
- 2
- 3
- 4
- 5 or more

[hasVehicle]{intval(s3q1.shown) > 0 or  
intval(s3q14.shown) > 0}

[hasHouseholdVehicle]{intval(s3q1.shown) > 0}

[s3q2]Which vehicle do you normally use day-to-day?  
This could be a vehicle in your household, or one you own, share, or borrow \*

Only answer this question if the following conditions are met:

hasVehicle.NAOK (/questionAdministration/view/surveyid/589584/gid/883/qid/15753)

Please write your answer(s) here:

Year

Make

Model

Options

ID

Type

MPG

[carmainname]{s3q2\_SQ001} {s3q2\_SQ002}  
{s3q2\_SQ003}

[carmain]{if(s3q2\_SQ005.NAOK != "-1", carmainname,  
"vehicle")}

[carmainFuel]{s3q2\_SQ006}

[s3q15]Are you or someone in your household the owner  
of this vehicle? \*

Only answer this question if the following conditions are met:

hasVehicle.NAOK (/questionAdministration/view/surveyid/589584/gid/883/qid/15753)

Please choose **only one** of the following:

Yes

No



[s3q19]Do you typically buy new or used vehicles (cars/trucks/SUVs)? \*

Only answer this question if the following conditions are met:

hasVehicle.NAOK (/questionAdministration/view/surveyid/589584/gid/883/qid/15753)

Please choose **only one** of the following:

New

Used

Other

[isOwner]{s3q15.NAOK == "AO01"}

## Households Vehicles 2

[s3q20]Have you considered buying a vehicle (car, truck, SUV) for your household? \*

Only answer this question if the following conditions are met:

! hasHouseholdVehicle.NAOK

(/questionAdministration/view/surveyid/589584/gid/883/qid/15772)

Please choose **only one** of the following:

I (we) have not--and would not--consider buying a vehicle.

I (we) have not considered buying a vehicle, but maybe someday we will.

The idea has occurred to me, but I haven't taken real steps.

I have started to gather information, but haven't really gotten serious yet.

I have actively shopped for a vehicle (including online or visiting a dealership)

# Households Vehicles 3

[s3q3]Was the {carmain} purchased or leased? \*

Only answer this question if the following conditions are met:

isOwner.NAOK (/questionAdministration/view/surveyid/589584/gid/883/qid/15754)

Please choose **only one** of the following:

Purchased New

Purchased Used

Leased New

Leased Used

Gift or family transfer

Other

[s3q4]What was the odometer reading when the {carmain} was {if(s3q3.NAOK == "AO02", "purchased", "leased")}?

Only answer this question if the following conditions are met:

((s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO02" or s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO04"))

Please write your answer(s) here:

Odometer

Plus or minus

[s3q5]When was the {carmain} {if(s3q3.NAOK == "AO01" or s3q3.NAOK == "AO02", "purchased", if(s3q3.NAOK == "AO03" or s3q3.NAOK == "AO04", "leased", "obtained"))}?

Only answer this question if the following conditions are met:

((s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO01" or s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO02" or s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO03" or s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO04" or s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO05"))

Please write your answer(s) here:

Month

Year

[s3q6]What was the total price including options, fees, and taxes of the {carmain} (excluding incentives or trade in value)? If you're not sure, please give your best estimate. Round off to the nearest \$500.

Only answer this question if the following conditions are met:

((s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO01" or s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO02"))

Please write your answer(s) here:

Price

No Idea

[s1q10]

What was the total down payment including options, fees, and taxes of your {carmain} when your household leased it? If you traded in a car, add its value to the down payment (e.g. \$2000 trade-in + \$2000 out of pocket = \$4000). If you're not sure, please give your best estimate. Round off to the nearest \$500 (ex. \$23,347 = \$23,500).

Only answer this question if the following conditions are met:

((s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO03" or s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO04"))

Please write your answer(s) here:

Down Payment

Noldea

[s1q11]What was the monthly payment including options, fees, and taxes of your {carmain} when your household leased it? If you're not sure, please give your best estimate.

Only answer this question if the following conditions are met:

((s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO03" or s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO04"))

Please write your answer(s) here:

Monthly Payment

Noldea

[s1q12]How long is your lease?

Only answer this question if the following conditions are met:

((s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO03" or s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO04"))

Please write your answer(s) here:

Length

Noldea

[s3q7]Where was the {carmain} {if(s3q3.NAOK == "AO01" or s3q3.NAOK == "AO02", "purchased", if(s3q3.NAOK == "AO03" or s3q3.NAOK == "AO04", "leased", "obtained"))}? \*

Only answer this question if the following conditions are met:

((s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO01" or s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO02" or s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO03" or s3q3.NAOK (/questionAdministration/view/surveyid/589584/gid/892/qid/15700) == "AO04"))

Please choose **only one** of the following:

- From an automaker dealership
- From an independent dealership
- From a private owner you know
- From a private owner you never met before
- Through online shopping only
- Other

### [s3q16]How is the {carmain} maintained? \*

Only answer this question if the following conditions are met:

isOwner.NAOK (/questionAdministration/view/surveyid/589584/gid/883/qid/15754)

Please choose **all** that apply:

At an independent dealership or maintenance shop

At an automaker dealership

At my own home

At a friend or family member's house

The vehicle is not maintained

Other:

### [s3q17]What do you use the {carmain} for? \*

Only answer this question if the following conditions are met:

isOwner.NAOK (/questionAdministration/view/surveyid/589584/gid/883/qid/15754)

Please choose **all** that apply:

For private use and commuting

For private use only

For business other than commuting

For business use only or as part of a fleet

For use as a driver for ridehailing or delivery services (e.g. Uber, Lyft, DoorDash)

Other:



[s3q18]

How many miles per *year* would you estimate the {carmain} is driven?

Only answer this question if the following conditions are met:

isOwner.NAOK (/questionAdministration/view/surveyid/589584/gid/883/qid/15754)

Please write your answer(s) here:

Annual mileage

Plus or minus

## Households Vehicles 4

[s3q12]Where do you usually park your car at home? \*

Only answer this question if the following conditions are met:

isOwner.NAOK (/questionAdministration/view/surveyid/589584/gid/883/qid/15754)

Please choose **all** that apply:

- Driveway/carport
- On-street (free)
- On-street (metered)
- Parking garage (private)
- Parking garage (public)
- Parking lot (no reserved space)
- Parking lot (reserved space)
- Personal garage
- RV park/yard/field

[s3q13]Where you park at home, do you have reliable access to any of the following? \*

Only answer this question if the following conditions are met:

isOwner.NAOK (/questionAdministration/view/surveyid/589584/gid/883/qid/15754)

Please choose **all** that apply:

- A regular electrical outlet (110-volt). These are used for most home electrical appliances.
- A high-power electrical outlet (220 to 240-volt). These are typically used for electric clothes dryers, electric stoves, electric furnaces and air conditioners.
- A device designed specifically for charging an electric vehicle.
- None of the above
- I don't know.

## Electric Vehicles

[s6q1]

You can place the slider anywhere along the line between *Very unlikely (1)* and *Very likely (7)*, the numbers are there to help you answer

\*

Please write your answer(s) here:

Vignette

|Very unlikely|Very likely

## Maps section 1- travel behavior

[numTrips]

How many trips did you make yesterday?

A trip means going from one place to another, like from home to work, work to home, from work to the grocery, or from a restaurant to home. For example, if you went from home to work, then back to home, that would count as two trips. \*

Please choose **only one** of the following:

- 0
- 1
- 2
- 3
- 4
- 5 or more

## Maps section 1- travel behavior 2

Please answer the following questions about `{if(intval(numTrips.shown) >= 3, "THREE", if(intval(numTrips.shown) >= 2, "TWO", if(intval(numTrips.shown) >= 1, "ONE"))}` MAIN TRIPS you made yesterday. A trip means going from one place to another, like from home to work, from work to the grocery, or from a restaurant to home. If you went to work yesterday, please include at least one of your trips to or from work. Start with your first trip.

Trip 1

[trip1startLocation]

Where did you leave from?

Enter your address or nearest cross street.

You can either type in your address and click “Check Address” or you can drop a marker on the map in the correct location.

\*

Please write your answer(s) here:

ViewportZoom

ViewportNorthEast

ViewportSouthWest

Marker1PositionDroppedLat

Marker1PositionDroppedLng

Marker1PositionDraggedLat

Marker1PositionDraggedLng

Marker1Zoom

Marker1Address

Marker1AddressType

# Maps section 1- travel behavior 3

Trip 1

[trip1distance]

Please write your answer(s) here:

Route 1

Route 2

Route 3

[trip1endLocation]  
Where did you go to?

Enter your address or nearest cross street.

You can either type in the address and click “Check Address” or you can drop a marker on the map in the correct location.

\*

Please write your answer(s) here:

ViewportZoom

ViewportNorthEast

ViewportSouthWest

Marker1PositionDroppedLat

Marker1PositionDroppedLng

Marker1PositionDraggedLat

Marker1PositionDraggedLng

Marker1Zoom

Marker1Address

Marker1AddressType

## Maps section 1- travel behavior 4

Trip 1

[trip1duration]How long did this journey take?

Please write your answer(s) here:

Hours

Minutes

No Idea

[trip1mode]How did you complete this trip? \*

Please choose **all** that apply:

Walk

Bike, e-bike, or e-scooter

Drive a vehicle (car/truck/SUV)

Got a ride (e.g., from family, friend, neighbor, colleague etc.)

Taxi or rideshare such as Uber/Lyft

Bus/train/subway/light rail

Paratransit

Other:

[trip1purpose]What is the purpose of this trip? \*

Please choose **all** that apply:

- Work
- School
- Religious Activity
- Shopping/Errands
- Medical/Dental Services
- Social/Recreational
- Transport someone
- Meals
- Return to home

Other:

[trip1dwell]How long were you at this destination for?

Please write your answer(s) here:

Hours

Minutes

No Idea

## Maps section 1- travel behavior 5

Trip 2



[trip2startLocation]

Where did you leave from?

Enter your address or nearest cross street.

You can either type in your address and click “Check Address” or you can drop a marker on the map in the correct location.

\*

Please write your answer(s) here:

ViewportZoom

ViewportNorthEast

ViewportSouthWest

Marker1PositionDroppedLat

Marker1PositionDroppedLng

Marker1PositionDraggedLat

Marker1PositionDraggedLng

Marker1Zoom

Marker1Address

Marker1AddressType

# Maps section 1- travel behavior 6

Trip 2

[trip2distance]

Please write your answer(s) here:

Route 1

Route 2

Route 3

[trip2endLocation]  
Where did you go to?

Enter your address or nearest cross street.

You can either type in the address and click “Check Address” or you can drop a marker on the map in the correct location.

\*

Please write your answer(s) here:

ViewportZoom

ViewportNorthEast

ViewportSouthWest

Marker1PositionDroppedLat

Marker1PositionDroppedLng

Marker1PositionDraggedLat

Marker1PositionDraggedLng

Marker1Zoom

Marker1Address

Marker1AddressType

## Maps section 1- travel behavior 7

Trip 2

[trip2duration]How long did this journey take?

Please write your answer(s) here:

Hours

Minutes

No Idea

[trip2mode]How did you complete this trip? \*

Please choose **all** that apply:

Walk

Bike, e-bike, or e-scooter

Drive a vehicle (car/truck/SUV)

Got a ride (e.g., from family, friend, neighbor, colleague etc.)

Taxi or rideshare such as Uber/Lyft

Bus/train/subway/light rail

Paratransit

Other:

[trip2purpose]What is the purpose of this trip? \*

Please choose **all** that apply:

Work

School

Religious Activity

Shopping/Errands

Medical/Dental Services

Social/Recreational

Transport someone

Meals

Return to home

Other:

[trip2dwell]How long were you at this destination for?

Please write your answer(s) here:

Hours

Minutes

No Idea

## Maps section 2- unmet travel

We would also like to understand more about any locations you have difficulty getting to or find inconvenient to travel to but would like to travel to more often.

[s5q6]

Are there any places you have difficulty getting to or find inconvenient to travel to?

Note this could be somewhere you never travel to or somewhere you currently travel to but find it difficult or inconvenient to get to. \*

Please choose **only one** of the following:

Yes

No

Maps section 2- unmet travel 2

[s5q7]

On the map below please enter a place you have difficulty getting to or find inconvenient to travel to.

Note this could be somewhere you never travel to or somewhere you currently travel to but find it difficult or inconvenient to get to.

You can either type in the address and click “Check Address” or you can drop a marker on the map in the correct location.

\*

Please write your answer(s) here:

ViewportZoom

ViewportNorthEast

ViewportSouthWest

Marker1PositionDroppedLat

Marker1PositionDroppedLng

Marker1PositionDraggedLat

Marker1PositionDraggedLng

Marker1Zoom

Marker1Address

Marker1AddressType

## Maps section 2- unmet travel 3

[s5q11]Why would you be going to this location? \*

Please choose **all** that apply:

- Work
- School
- Religious Activity
- Shopping/Errands
- Medical/Dental Services
- Social/Recreational
- Transport someone
- Meals
- Return to home

Other:



[s5q8]At present how do you make this trip? \*

Please choose **all** that apply:

- I do not make this trip
- Walk
- Bike, e-bike, or e-scooter
- Drive a vehicle (car/truck/SUV)
- Got a ride (e.g., from family, friend, neighbor, colleague etc.)
- Taxi or rideshare such as Uber/Lyft
- Bus/train/subway/light rail
- Paratransit
- Other:

[s5q12]What makes this trip difficult or inconvenient? \*

Please choose **all** that apply:

- I do not have access to a car or cannot drive
- Parking is difficult
- I can't afford to drive there
- I can't afford to pay for a ride
- Transit does not serve this location
- Transit is infrequent or unreliable
- I would prefer to bike, but there is no safe bike route to get there
- I would prefer to walk, but there is no safe walking route to get there
- It is too far to travel by any means
- Other:

```
[fuelName]{if(carmainFuel.NAOK == "Gasoline" or  
carmainFuel.NAOK == "Hybrid" or carmainFuel.NAOK ==  
"FFV", "Gasoline", if(carmainFuel.NAOK == "EV", "Electric  
vehicle charging", if(carmainFuel.NAOK == "FCV",  
"Hydrogen", if(carmainFuel.NAOK == "Plug-in Hybrid",  
"Gasoline and Electric vehicle charging",  
if(carmainFuel.NAOK == "Diesel", "Diesel", "Fuel"))))}}}
```

## Transportation spending

[s2q2]What is your usual *monthly* expense on the following? (If you do not know some expenses you can leave them blank)

Only answer this question if the following conditions are met:

isOwner.NAOK (/questionAdministration/view/surveyid/589584/gid/883/qid/15754)

Please write your answer(s) here:

{fuelName}

Vehicle insurance

Vehicle maintenance

Vehicle finance or lease costs

# Zero-emission vehicle topics

In this section we will ask questions about battery-electric and plug-in hybrid electric vehicles (cars/trucks/SUVs). Battery-electric vehicles run only on electricity; they plug in to charge their batteries. Plug-in hybrid electric vehicles run on both on electricity or gasoline; they are refueled at gasoline stations and can also plug in to charge their batteries.

[s7q1]Can you name a battery electric vehicle or plug-in hybrid electric vehicle that is being sold in the US? \*

Please choose **only one** of the following:

Yes

No

I don't know

[s7q2]Please enter the make and model of a battery electric vehicle or plug-in hybrid electric vehicle that is being sold in the US: \*

Only answer this question if the following conditions are met:

Answer was 'Yes' at question ' [s7q1]' (Can you name a battery electric vehicle or plug-in hybrid electric vehicle that is being sold in the US?)

Please write your answer(s) here:

Make

Model

[s7q3]Battery electric vehicles (BEVs) run only on electricity; they plug in to charge their batteries. Have you considered buying a BEV for your household? \*

Please choose **only one** of the following:

I (we) have not--and would not--consider buying a BEV.

I (we) have not considered buying a BEV, but maybe someday we will.

The idea has occurred to me, but I haven't taken real steps to shop for a BEV.

I have started to gather information about BEVs, but haven't really gotten serious yet.

I have actively shopped for BEVs (including online or visiting a dealership)

I (we) already have, or have had, a BEV.

[s7q3a]Do you or a member of your household currently own a battery electric vehicle? \*

Only answer this question if the following conditions are met:

s7q3.NAOK (/questionAdministration/view/surveyid/589584/gid/887/qid/15720) == "AO06"  
and hasVehicle.NAOK (/questionAdministration/view/surveyid/589584/gid/883/qid/15753)  
and carmainFuel.NAOK (/questionAdministration/view/surveyid/589584/gid/883/qid/15759)  
!= "EV"

Please choose **only one** of the following:

Yes

No

I'm not sure

[s7q4]Have you made a decision about a battery electric vehicle? \*

Only answer this question if the following conditions are met:

((s7q3.NAOK (/questionAdministration/view/surveyid/589584/gid/887/qid/15720) == "AO04" or s7q3.NAOK (/questionAdministration/view/surveyid/589584/gid/887/qid/15720) == "AO05"))

Please choose **only one** of the following:

I (we) decided against a BEV.

I (we) haven't decided yet.

Decided to purchase one but haven't done so yet

[s7q5]Why did you decide against a battery electric vehicle? Please provide a short answer in the box provided.

Only answer this question if the following conditions are met:

((s7q4.NAOK (/questionAdministration/view/surveyid/589584/gid/887/qid/15721) == "AO01"))

Please write your answer here:

[s7q6] Plug-in hybrid vehicles (PHEVs) run on electricity and gasoline; you can both plug them in to charge their batteries and refuel them at a gasoline station. Have you considered buying a PHEV for your household? \*

Please choose **only one** of the following:

I (we) have not--and would not--consider buying a PHEV.

I (we) have not considered buying a PHEV, but maybe some day we will.

The idea has occurred to me, but I haven't taken real steps to shop for a PHEV.

I have started to gather information about PHEVs, but haven't really gotten serious yet.

I have actively shopped for PHEVs (including online or visiting a dealership)

I (we) already have, or have had, a PHEV.

[s7q6a] Do you or a member of your household currently own a plug-in hybrid electric vehicle? \*

Only answer this question if the following conditions are met:

s7q6.NAOK (/questionAdministration/view/surveyid/589584/gid/887/qid/15736) == "AO06"  
and hasVehicle.NAOK (/questionAdministration/view/surveyid/589584/gid/883/qid/15753)  
and carmainFuel.NAOK (/questionAdministration/view/surveyid/589584/gid/883/qid/15759)  
!= "Plug-in Hybrid"

Please choose **only one** of the following:

Yes

No

I'm not sure

[s7q7]Have you made a decision about a plug-in hybrid vehicle? \*

Only answer this question if the following conditions are met:

((s7q6.NAOK (/questionAdministration/view/surveyid/589584/gid/887/qid/15736) == "AO04" or s7q6.NAOK (/questionAdministration/view/surveyid/589584/gid/887/qid/15736) == "AO05"))

Please choose **only one** of the following:

I (we) decided against a PHEV.

I (we) haven't decided yet.

Decided to purchase one but haven't done so yet

[s7q8]Why did you decide against a plug-in hybrid vehicle? Please provide a short answer in the box provided.

Only answer this question if the following conditions are met:

((s7q7.NAOK (/questionAdministration/view/surveyid/589584/gid/887/qid/15737) == "AO01"))

Please write your answer here:

## Zero-emission vehicle topics 2

[s7q9]How much do you agree or disagree with each of the following statements about battery electric vehicles (cars and trucks powered only by batteries that must be plugged in to recharge)? \*

Please choose the appropriate response for each item:

	<b>Strongly Disagree</b>	<b>Disagree</b>	<b>Neither Agree or Disagree</b>	<b>Agree</b>	<b>Strongly Agree</b>
<b>My household would be able charge a battery electric vehicle at home</b>					
<b>Battery electric vehicles travel far enough before needing to be charged</b>					
<b>Gasoline vehicles are safer than battery electric vehicles</b>					
<b>Battery electric vehicles are more damaging to the environment than gasoline vehicles</b>					
<b>Battery electric vehicles are easier to maintain than gasoline vehicles</b>					
<b>I know enough about battery electric vehicles to decide about getting one</b>					



Strongly Disagree    Disagree    Neither Agree or Disagree    Agree    Strongly Agree

There are enough places to charge battery electric vehicles

Electric vehicle batteries degrade too fast

I am aware of the different electric vehicle incentives available to me

[s7q10]

California has a requirement that after 2035, 100% of new cars, SUVs, and trucks will be zero-emission vehicles (plug-in hybrid, battery electric, and hydrogen fuel cell vehicles).

How much do you support or oppose this requirement? \*

Please choose **only one** of the following:

Strongly oppose

Somewhat oppose

Neither oppose nor support

Somewhat support

Strongly support

[s7q11]Why?

Please write your answer here:

## Preferences for transportation improvements

We are interested in understanding your priorities for investments into transportation projects.

[s10q1]Below are some initiatives the State of California is investing in. Please indicate how you would rank these as a priority for you and your household \*

Please write your answer(s) here:

Money toward new roadways and widening highways|Lowest priority|Highest priority

Money toward the purchase of plug-in hybrid or electric vehicles|Lowest priority|Highest priority

Money toward the purchase of an electric bike or electric scooter|Lowest priority|Highest priority

Services that allow community members to use shared bikes or electric scooters for a small fee|Lowest priority|Highest priority

Services that allow community members to use shared cars for a small fee|Lowest priority|Highest priority

Investments into improving public transit (including bus, rail, etc.)|Lowest priority|Highest priority

Investments in better biking infrastructure (e.g. bike lanes, lighting, bike storage)|Lowest priority|Highest priority

Investments in improving walking infrastructure (e.g. sidewalks, lighting, road crossings)|Lowest priority|Highest priority

Providing low income persons with money each month towards spending on public transportation|Lowest priority|Highest priority

# Demographics

For this section, “household” means everyone who lives at your address with you. This may include family, partners, children, friends, and roommates.

The following information is valuable to the success of this study. We appreciate any answers you can provide and we assure you that this information will be kept confidential.

[s4q1] Including yourself, how many people are there in your household?

Please choose **only one** of the following:

1

2

3

4

5

6

7

8

9

10 or more

[s4q2]Please enter information below about your household members

	Age	Gender	Does this person drive?
You			
Person 2			
Person 3			
Person 4			
Person 5			

## Demographics 2

[s4q3]What is the highest-level of education you have completed? \*

Please choose **only one** of the following:

Grade 8 or less

High School Graduate or GED

College Graduate

Masters, Doctorate, or Professional Degree

Prefer not to say

[s4q4]What is your race or ethnicity? \*

Please choose **all** that apply:

Asian

American Indian or Alaska Native

Black/African American

Hispanic or Latino/Latina/Latinx

Middle Eastern/North African

Native Hawaiian/Other Pacific Islander

White/Caucasian

Prefer not to say

Other:

[s4q5]What was your total household income in the last 12 months? \*

Please choose **only one** of the following:

Less than \$10,000

\$10,000 - \$24,999

\$25,000 - \$49,999

\$50,000 - \$74,999

\$75,000 - \$99,999

\$100,000 - \$124,999

\$125,000 - \$149,999

\$150,000 - \$174,999

\$175,000 - \$199,999

\$200,000 - \$224,999

\$225,000 - \$249,999

\$250,000 or more

Prefer not to say

[s4q6]Do you own or rent your home? \*

Please choose **only one** of the following:

Own

Rent

Prefer not to say

Other

[s4q7]How would you describe your home? \*

Please choose **only one** of the following:

Detached house/single family home

Attached house (townhouse, duplex, triplex)

Apartment or condo

Mobile home

Prefer not to say

Other

[s4q10]What is your employment status? \*

Please choose **all** that apply:

Employed full-time (35 hours or more per week)

Employed part-time (less than 35 hours per week)

Retired

Full-time student

Part-time student

Self-employed

Seasonal work

Do no work for pay

Prefer not to say

## Attitudinal questions



[s11q1]Please choose the response that most closely fits your reaction to each of the following statements \*

Please choose the appropriate response for each item:

<b>Strongly Disagree</b>	<b>Disagree</b>	<b>Neither Agree or Disagree</b>	<b>Agree</b>	<b>Strongly Agree</b>
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**I like the idea of walking as a means of travel for me.**

**Learning how to use new technologies is often frustrating for me.**

**My commute is a useful transition between home and work (or school).**

**I like the idea of having stores, restaurants, and offices mixed among the homes in my neighborhood.**

**I'm too busy to have as much leisure time as I'd like.**

**I usually go for the basic ("no-frills") option rather than paying more money for extras.**

**I prefer to do one thing at a time.**

<b>Strongly Disagree</b>	<b>Disagree</b>	<b>Neither Agree or Disagree</b>	<b>Agree</b>	<b>Strongly Agree</b>
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**Cost or convenience  
takes priority over  
environmental impacts  
(e.g. pollution) when I  
make my daily choices.**

**Family/friends play a  
big role in how I  
schedule my time.**

**I prefer to live in a  
spacious home, even if  
it's farther from public  
transportation or many  
places I go to.**

**Having to wait is an  
annoying waste of time.**

**I generally enjoy the act  
of traveling itself.**

**I consider myself to be  
a sociable person.**

**I definitely want to own  
a car.**

**The importance of  
exercise is overrated.**

## **Final Comments**

[comments]Thank you for taking the time to respond to this survey, your responses are important to us. If you have anything else to share, please use the box below.

Please write your answer here:

[contact]Are you willing to be contacted for future surveys on issues related to transportation?

Please choose **only one** of the following:

Yes

No

[drawing]We are offering 50 chances to win one \$50 gift card drawn at random. Would you like to be entered into this drawing?

Please choose **only one** of the following:

Yes

No

[email]Please enter your email: (It will be used only by for the answers marked 'yes' above) \*

Only answer this question if the following conditions are met:

contact.NAOK (/questionAdministration/view/surveyid/589584/gid/895/qid/15734) == "AO01"  
or drawing.NAOK (/questionAdministration/view/surveyid/589584/gid/895/qid/15762) ==  
"AO01"

Please write your answer(s) here:

Email

Confirm

We would like to thank you for taking the time to respond to this survey, your responses are valuable and important to us. We hope to use your response, and responses from others to inform policymakers in California on what they can do to improve transportation in communities.

Submit your survey.

Thank you for completing this survey.