

LABarometer

TOPLINE RESULTS – WAVE 3 – Mobility and Sustainability Survey

Field dates: January 27, 2023 – March 31, 2023

Sample: 1,190 Los Angeles County residents (73.4% response rate)

Margin of Sampling Error¹: 2.8 percentage points

Full survey codebook and data are at <https://uasdata.usc.edu/survey/UAS+510>. The tables report weighted column percentages.

This survey asks about your attitudes, habits, and living conditions in Los Angeles. Thank you for your participation in this important study about where we live.

i_001 (most important issues country)

What do you think are the **two** most important issues facing Los Angeles County at the moment?

| | |
|--|------|
| Crime | 28.2 |
| Increasing prices/Inflation | 46.2 |
| Racial injustice | 5.8 |
| Unemployment | 5.5 |
| Housing and homelessness | 69.5 |
| Terrorism | 0.2 |
| Fiscal policy (taxation, government spending and debt) | 6.9 |
| Immigration | 5.7 |
| Health/healthcare | 6.1 |
| The education system | 5.3 |
| Abortion and reproductive health | 1.5 |
| The environment and climate change | 6.5 |
| The Covid-19 pandemic | 4.4 |
| The international situation | 0.4 |
| Public transportation/infrastructure | 5.7 |
| Other, please specify: i_001_other | 2.1 |

¹ Factors other than sampling error, including question wording, question order, sample type (e.g. opt-in panels vs. probability panels such as UAS), population coverage, and impact of current events, may affect the results of any survey. In addition, the results of questions asked without an interviewer (e.g. in an internet panel) may differ somewhat from similar questions asked by an interviewer over the phone. The margin of sampling error is calculated at the 95% confidence level, using a sample proportion of 0.5 to generate an upper bound of uncertainty. Please note that this is only an approximate measure of error. A more precise measure would require upper and lower bounds to be calculated for each individual question or outcome.

tr001 (modes of transportation in last year) Over the last year, what modes of transportation did you use to go to places (like work, the grocery store, daycare, medical appointments, restaurants, parks, the airport, etc.) in or around Los Angeles County? **Please check all that apply.** Be sure to include transportation modes that you used in combination with one another. For example, if your commute to work typically involves a 10-minute walk to the bus stop, a 20-minute bus ride, and a 10-minute electric scooter ride to your workplace, you would check options that contain "public transportation," "walk," and "electric scooter" below.

| | |
|---|------|
| Private vehicle (car, van, carpool, truck, SUV) - as driver or passenger | 91.4 |
| Ride-hailing service (Uber, Lyft, etc.) - as passenger | 28.3 |
| Taxi, limo, hired car service - as passenger | 4.5 |
| Public transportation (i.e. bus, light rail/subway, train, dial-a-ride, etc.) | 22.4 |
| Walk, skateboard, or kick scooter | 29.7 |
| Bicycle or bikeshare (non-electric) | 5.5 |
| Electric scooter, electric bike, or electric skateboard (Bird, Lime, etc.) | 3.3 |
| Motorcycle or moped - as driver or passenger | 0.9 |
| Other (shuttle, commercial vehicle, boat, etc.). Please specify: tr001_other | 1.9 |

Asked of respondents who selected "public transportation" in tr001 (n = 255)

tr002 (what public transportation used)

You selected public transportation as a transportation mode that you used in the last year to go to places in or around Los Angeles. What specific forms of public transportation did you use? **Please check all that apply.**

| | |
|---|------|
| Bus | 79.2 |
| Metro light rail/subway (Metro Lines A, B, C, D, E, K, and L) | 52.5 |
| Metrolink train | 13.4 |
| Amtrak train | 6.6 |
| Dial-A-Ride (paratransit) | 3.4 |
| Other. Please specify: tr002_other | 3.6 |

The next questions ask you to think about how often and for what purpose you used different transportation modes in a typical month of the last 12 months. If every month is different, think about the most recent month. As you answer these questions, please exclude any trips that you made to transport people or goods for pay (for example, trips made as an Uber, Lyft, or taxi driver, a food or freight delivery driver, etc.).

Asked of respondents who selected “private vehicle” in tr001 (n = 1118)

tr003 (how many days as passenger in private vehicle)

In a typical month of the last 12 months, about how many days did you drive or ride as a passenger in a **private vehicle (car, van, carpool, truck, or SUV)** to go to places in or around Los Angeles County?

| | |
|------------------------------|------|
| 1 Every day | 36 |
| 2 Most days per week | 21.5 |
| 3 A few days per week | 19.5 |
| 4 One day per week | 4.6 |
| 5 Less than one day per week | 18.5 |

Asked of respondents who selected “private vehicle” in tr001 (n = 1118)

tr004 (activities with private vehicle)

Now, in that same typical month, what kinds of activities did you use a **private vehicle** (solely or in combination with other forms of transportation, like a bus or train) for? **Please check all that apply.**

| | |
|---|------|
| Job or school related activities (e.g. attending a class, commuting to an office... | 61.3 |
| Personal or caretaking activities (e.g. grocery shopping, errands, medical care... | 83.9 |
| Social or leisure activities (e.g. visiting family, seeing a movie, going out to... | 63 |
| Transportation to or from the airport | 17.9 |
| Other, Please specify. | 1.8 |

Asked of respondents who selected “ride hailing service” in tr001 (n = 372)

tr005 (how many days as passenger in ride-hailing service (Uber, Lyft, etc.))

In a typical month of the last 12 months, about how many days did you use a **ride-hailing service (Uber, Lyft, etc.)**, as a passenger, to go to places in or around Los Angeles County?

| | |
|------------------------------|------|
| 1 Every day | 0.0 |
| 2 Most days per week | 2.8 |
| 3 A few days per week | 8.2 |
| 4 One day per week | 5.9 |
| 5 Less than one day per week | 83.1 |

Asked of respondents who selected “ride hailing service” in tr001 (n = 372)

tr006 (activities with ride-hailing service)

Now, in that same typical month, what kinds of activities did you use a **ride-hailing service** (solely or in combination with other forms of transportation, like a bus or train) for? **Please check all that apply.**

| | |
|---|------|
| Job or school related activities (e.g. attending a class, commuting to an office... | 17.5 |
| Personal or caretaking activities (e.g. grocery shopping, errands, medical care... | 29.8 |
| Social or leisure activities (e.g. visiting family, seeing a movie, going out to... | 48.2 |
| Transportation to or from the airport | 38.8 |
| Other, Please specify. | 4.3 |

Asked of respondents who selected “taxi, limo, or hired care service” in tr001 (n = 65)

tr007 (how many days as passenger in taxi, limo, or hired car service)

In a typical month of the last 12 months, about how many days did you use a **taxi, limo, or hired car service**, as a passenger, to go to places in or around Los Angeles County?

| | |
|------------------------------|------|
| 1 Every day | 0.0 |
| 2 Most days per week | 0.0 |
| 3 A few days per week | 0.0 |
| 4 One day per week | 0.0 |
| 5 Less than one day per week | 99.2 |

Asked of respondents who selected “taxi, limo, or hired care service” in tr001 (n = 65)

tr008 (activities with taxi, limo, or hired car service)

Now, in that same typical month, what kinds of activities did you use a **taxi, limo, or hired car service** (solely or in combination with other forms of transportation, like a bus or train) for? **Please check all that apply.**

| | |
|---|------|
| Job or school related activities (e.g. attending a class, commuting to an office... | 6.5 |
| Personal or caretaking activities (e.g. grocery shopping, errands, medical care... | 18.9 |
| Social or leisure activities (e.g. visiting family, seeing a movie, going out to... | 21.6 |
| Transportation to or from the airport | 71.5 |
| Other, Please specify. | 1.1 |

Asked of respondents who selected “bus” in tr002 (n = 189)

tr009 (how many days ride in bus)

In a typical month of the last 12 months, about how many days did you ride a **public bus** to go to places in or around Los Angeles County?

| | |
|-------------|-----|
| 1 Every day | 9.5 |
|-------------|-----|

| | |
|------------------------------|------|
| 2 Most days per week | 12.5 |
| 3 A few days per week | 23.7 |
| 4 One day per week | 10.2 |
| 5 Less than one day per week | 44.2 |

Asked of respondents who selected “bus” in tr002 (n = 189)

tr010 (activities with bus)

Now, in that same typical month, what kinds of activities did you use a **public bus** (solely or in combination with other forms of transportation, like a train or walking) for? **Please check all that apply.**

| | |
|---|------|
| Job or school related activities (e.g. attending a class, commuting to an office... | 43.8 |
| Personal or caretaking activities (e.g. grocery shopping, errands, medical care... | 49.8 |
| Social or leisure activities (e.g. visiting family, seeing a movie, going out to... | 34.1 |
| Transportation to or from the airport | 8.4 |
| Other, Please specify. | 5.1 |

Asked of respondents who selected “metro light rail” in tr002 (n = 148)

tr012 (how many days ride metro light rail)

In a typical month of the last 12 months, about how many days did you ride the **Metro light rail/subway** to go to places in or around Los Angeles County?

| | |
|------------------------------|------|
| 1 Every day | 3.9 |
| 2 Most days per week | 9.8 |
| 3 A few days per week | 19 |
| 4 One day per week | 9 |
| 5 Less than one day per week | 58.2 |

Asked of respondents who selected “metro light rail” in tr002 (n = 148)

tr013 (activities with metro light rail)

Now, in that same typical month, what kinds of activities did you use the **Metro light rail/subway** (solely or in combination with other forms of transportation, like a bus or walking) for? **Please check all that apply.**

| | |
|---|------|
| Job or school related activities (e.g. attending a class, commuting to an office... | 36 |
| Personal or caretaking activities (e.g. grocery shopping, errands, medical care... | 32.4 |
| Social or leisure activities (e.g. visiting family, seeing a movie, going out to... | 56.6 |
| Transportation to or from the airport | 6 |
| Other, Please specify. | 5.9 |

Asked of respondents who selected “Metrolink train,” “Amtrak train,” or “Dial-A-Ride” in tr002 (n = 54)

tr015 (how many days ride Metrolink train, Amtrak train, or Dial-A-Ride (paratransit) service)

In a typical month of the last 12 months, about how many days did you ride a **Metrolink train, Amtrak train, or Dial-A-Ride (paratransit) service** to go to places in or around Los Angeles County?

| | |
|------------------------------|------|
| 1 Every day | 2 |
| 2 Most days per week | 10 |
| 3 A few days per week | 10.7 |
| 4 One day per week | 5.9 |
| 5 Less than one day per week | 71.4 |

Asked of respondents who selected “Metrolink train,” “Amtrak train,” or “Dial-A-Ride” in tr002 (n = 54)

tr016 (activities with Metrolink train, Amtrak train, or Dial-A-Ride (paratransit) service)

Now, in that same typical month, what kinds of activities did you use a **Metrolink train, Amtrak train, or Dial-A-Ride (paratransit) service** (solely or in combination with other forms of transportation, like a bus or walking) for? **Please check all that apply.**

| | |
|---|------|
| Job or school related activities (e.g. attending a class, commuting to an office... | 15.3 |
| Personal or caretaking activities (e.g. grocery shopping, errands, medical care... | 51.1 |
| Social or leisure activities (e.g. visiting family, seeing a movie, going out to... | 47.2 |
| Transportation to or from the airport | 8.4 |
| Other, Please specify. | 3 |

Asked of respondents who selected “Walk, skateboard, or kick scooter” in tr001 (n = 396)

tr023 (how many days walk, skateboard, or use a kick scooter)

In a typical month of the last 12 months, about how many days did you **walk, skateboard, or use a kick scooter** (solely or in combination with other forms of transportation, like a bus or train) to go to places in or around Los Angeles County?

| | |
|------------------------------|------|
| 1 Every day | 20.7 |
| 2 Most days per week | 14.7 |
| 3 A few days per week | 25.2 |
| 4 One day per week | 16.9 |
| 5 Less than one day per week | 22.5 |

Asked of respondents who selected “Walk, skateboard, or kick scooter” in tr001 (n = 396)

tr024 (activities with walk, skateboard, or use a kick scooter)

Now, in that same typical month, what kinds of activities did you **walk, skateboard, or use a kick scooter** (solely or in combination with other forms of transportation, like a bus or train) for? **Please check all that apply.**

| | |
|---|------|
| Job or school related activities (e.g. attending a class, commuting to an office... | 19.7 |
| Personal or caretaking activities (e.g. grocery shopping, errands, medical care... | 65.7 |
| Social or leisure activities (e.g. visiting family, seeing a movie, going out to... | 59.4 |
| Transportation to or from the airport | 0.4 |
| Other, Please specify. | 8.3 |

Asked of respondents who selected “Bicycle or bikeshare (non-electric)” in tr001 (n = 80)
tr025 (how many days (non-electric) bicycle or bikeshare)

In a typical month of the last 12 months, about how many days did you use a (non-electric) bicycle or bikeshare to go to places in or around Los Angeles County?

| | |
|------------------------------|------|
| 1 Every day | 1.1 |
| 2 Most days per week | 14.3 |
| 3 A few days per week | 25.1 |
| 4 One day per week | 14.7 |
| 5 Less than one day per week | 44.9 |

Asked of respondents who selected “Bicycle or bikeshare (non-electric)” in tr001 (n = 80)
tr026 (activities with (non-electric) bicycle or bikeshare)

Now, in that same typical month, what kinds of activities did you use a (non-electric) bicycle or bikeshare (solely or in combination with other forms of transportation, like a bus or train) for? **Please check all that apply.**

| | |
|---|------|
| Job or school related activities (e.g. attending a class, commuting to an office... | 21.6 |
| Personal or caretaking activities (e.g. grocery shopping, errands, medical care... | 41.8 |
| Social or leisure activities (e.g. visiting family, seeing a movie, going out to... | 76.3 |
| Transportation to or from the airport | 2 |
| Other, Please specify. | 6.6 |

Asked of respondents who selected “Electric scooter, electric bike, or electric skateboard” in tr001 (n = 44)

tr027 (how many days electric scooter, electric bike, or electric skateboard)

In a typical month of the last 12 months, about how many days did you use an **electric scooter, electric bike, or electric skateboard** to go to places in or around Los Angeles County?

| | |
|----------------------|------|
| 1 Every day | 7.6 |
| 2 Most days per week | 15.9 |

| | |
|------------------------------|------|
| 3 A few days per week | 0.0 |
| 4 One day per week | 9.1 |
| 5 Less than one day per week | 67.4 |

Asked of respondents who selected “Electric scooter, electric bike, or electric skateboard” in tr001 (n = 44)

tr028 (activities with electric scooter, electric bike, or electric skateboard)

Now, in that same typical month, what kinds of activities did you use an **electric scooter, electric bike, or electric skateboard** (solely or in combination with other forms of transportation, like a bus or train) for? **Please check all that apply.**

| | |
|---|------|
| Job or school related activities (e.g. attending a class, commuting to an office... | 27.8 |
| Personal or caretaking activities (e.g. grocery shopping, errands, medical care... | 58.7 |
| Social or leisure activities (e.g. visiting family, seeing a movie, going out to... | 62.5 |
| Transportation to or from the airport | 2.9 |
| Other, Please specify. | 7.9 |

Asked of respondents who selected “Motorcycle or moped” in tr001 (n = 14)

tr029 (how many days motorcycle or moped)

In a typical month of the last 12 months, about how many days did you use a **motorcycle or moped** to go to places in or around Los Angeles County?

| | |
|------------------------------|------|
| 1 Every day | 0.0 |
| 2 Most days per week | 24.3 |
| 3 A few days per week | 33.7 |
| 4 One day per week | 1.3 |
| 5 Less than one day per week | 40.6 |

Asked of respondents who selected “Motorcycle or moped” in tr001 (n = 14)

tr030 (activities with motorcycle or moped)

Now, in that same typical month, what kinds of activities did you use a **motorcycle or moped** (solely or in combination with other forms of transportation, like a bus or train) for? **Please check all that apply.**

| | |
|---|------|
| Job or school related activities (e.g. attending a class, commuting to an office... | 56.8 |
| Personal or caretaking activities (e.g. grocery shopping, errands, medical care... | 65.1 |
| Social or leisure activities (e.g. visiting family, seeing a movie, going out to... | 54.2 |
| Transportation to or from the airport | 0 |
| Other, Please specify. | 0 |

tr034 (how safe private vehicle)

Please rate the following aspect of driving a **private vehicle (car, van, truck, SUV)** in Los Angeles County. We are interested in how you feel about driving a private vehicle regardless of whether or not you do it regularly: How **safe** are you from harassment or crime in a private vehicle?

| | |
|---------------------------|------|
| 1 Very unsafe | 2.6 |
| 2 Unsafe | 1.9 |
| 3 Somewhat unsafe | 8.8 |
| 4 Neither unsafe nor safe | 11.2 |
| 5 Somewhat safe | 22.7 |
| 6 Safe | 32.6 |
| 7 Very safe | 20.2 |

tr035 (how convenient work or school trips private vehicle)

Please rate the following aspect of driving a **private vehicle (car, van, truck, SUV)** in Los Angeles County. We are interested in how you feel about driving a private vehicle regardless of whether or not you do it regularly: How **convenient** - in terms of speed, ease of getting to where you are going, and parking – is it to use a private vehicle for **work or school related trips**?

| | |
|---------------------------------------|------|
| 1 Very inconvenient | 5.9 |
| 2 Inconvenient | 1.9 |
| 3 Somewhat inconvenient | 7.9 |
| 4 Neither inconvenient nor convenient | 10.8 |
| 5 Somewhat convenient | 11.4 |
| 6 Convenient | 30.5 |
| 7 Very convenient | 31.7 |

tr036 (how convenient personal or leisure trips private vehicle)

Please rate the following aspect of driving a **private vehicle (car, van, truck, SUV)** in Los Angeles County. We are interested in how you feel about driving a private vehicle regardless of whether or not you do it regularly: How **convenient** - in terms of speed, ease of getting to where you are going, and parking – is it to use a private vehicle for **personal or leisure trips**?

| | |
|---------------------------------------|------|
| 1 Very inconvenient | 4.7 |
| 2 Inconvenient | 1.8 |
| 3 Somewhat inconvenient | 7.9 |
| 4 Neither inconvenient nor convenient | 9.4 |
| 5 Somewhat convenient | 14.4 |
| 6 Convenient | 32.5 |
| 7 Very convenient | 29.3 |

tr037 (how expensive private vehicle)

Please rate the following aspect of driving a **private vehicle (car, van, truck, SUV)** in Los Angeles County. We are interested in how you feel about driving a private vehicle regardless of whether or not you do it regularly: How **expensive** is it to use a private vehicle?

| | |
|-------------------------------------|------|
| 1 Very expensive | 11.5 |
| 2 Expensive | 25.4 |
| 3 Somewhat expensive | 35.2 |
| 4 Neither expensive nor inexpensive | 16.6 |
| 5 Somewhat inexpensive | 6.4 |
| 6 Inexpensive | 2.8 |
| 7 Very inexpensive | 2 |

tr038 (how enjoyable private vehicle)

Please rate the following aspect of driving a **private vehicle (car, van, truck, SUV)** in Los Angeles County. We are interested in how you feel about driving a private vehicle regardless of whether or not you do it regularly: How **enjoyable** is it to use a private vehicle?

| | |
|-------------------------------------|------|
| 1 Very unenjoyable | 6.4 |
| 2 Unenjoyable | 2.4 |
| 3 Somewhat unenjoyable | 5.4 |
| 4 Neither unenjoyable nor enjoyable | 12.7 |
| 5 Somewhat enjoyable | 17 |
| 6 Enjoyable | 30.6 |
| 7 Very enjoyable | 25.5 |

tr039 (how safe public bus)

Please rate the following aspect of riding a **public bus** in Los Angeles County. We are interested in how you feel about riding a public bus regardless of whether or not you do it regularly: How **safe** are you from harassment or crime while riding or waiting for the bus?

| | |
|---------------------------|------|
| 1 Very unsafe | 13.4 |
| 2 Unsafe | 17.7 |
| 3 Somewhat unsafe | 27.6 |
| 4 Neither unsafe nor safe | 21.1 |
| 5 Somewhat safe | 13.3 |
| 6 Safe | 4.7 |

| | |
|-------------|-----|
| 7 Very safe | 2.1 |
|-------------|-----|

tr040 (how convenient work or school trips public bus)

Please rate the following aspect of riding a **public bus** in Los Angeles County. We are interested in how you feel about riding a public bus regardless of whether or not you do it regularly:
How **convenient** - in terms of speed, ease of getting to where you are going, and parking – is it to use the bus for **work or school related trips**?

| | |
|---------------------------------------|------|
| 1 Very inconvenient | 19.9 |
| 2 Inconvenient | 21.9 |
| 3 Somewhat inconvenient | 20.9 |
| 4 Neither inconvenient nor convenient | 17.2 |
| 5 Somewhat convenient | 11.4 |
| 6 Convenient | 5 |
| 7 Very convenient | 3.6 |

tr041 (how convenient personal or leisure trips public bus)

Please rate the following aspect of riding a **public bus** in Los Angeles County. We are interested in how you feel about riding a public bus regardless of whether or not you do it regularly:
How **convenient** - in terms of speed, ease of getting to where you are going, and parking – is it to use the bus for **personal or leisure trips**?

| | |
|---------------------------------------|------|
| 1 Very inconvenient | 24.4 |
| 2 Inconvenient | 20.7 |
| 3 Somewhat inconvenient | 19.5 |
| 4 Neither inconvenient nor convenient | 15.4 |
| 5 Somewhat convenient | 11.6 |
| 6 Convenient | 5.4 |
| 7 Very convenient | 3 |

tr042 (how expensive public bus)

Please rate the following aspect of riding a **public bus** in Los Angeles County. We are interested in how you feel about riding a public bus regardless of whether or not you do it regularly:
How **expensive** is it to use the bus?

| | |
|----------------------|------|
| 1 Very expensive | 0.8 |
| 2 Expensive | 3.2 |
| 3 Somewhat expensive | 10.9 |

| | |
|-------------------------------------|------|
| 4 Neither expensive nor inexpensive | 27.1 |
| 5 Somewhat inexpensive | 19.8 |
| 6 Inexpensive | 24.8 |
| 7 Very inexpensive | 13.4 |

tr043 (how enjoyable public bus)

Please rate the following aspect of riding a **public bus** in Los Angeles County. We are interested in how you feel about riding a public bus regardless of whether or not you do it regularly: How **enjoyable** is it to use the bus?

| | |
|-------------------------------------|------|
| 1 Very unenjoyable | 19 |
| 2 Unenjoyable | 22.4 |
| 3 Somewhat unenjoyable | 16.5 |
| 4 Neither unenjoyable nor enjoyable | 28.3 |
| 5 Somewhat enjoyable | 11.2 |
| 6 Enjoyable | 1.8 |
| 7 Very enjoyable | 0.7 |

tr044 (how safe Metro light rail/subway)

Please rate the following aspect of riding the **Metro light rail/subway** in Los Angeles County. We are interested in how you feel about riding the Metro regardless of whether or not you do it regularly: How **safe** are you from harassment or crime while riding or waiting for the Metro?

| | |
|---------------------------|------|
| 1 Very unsafe | 16.4 |
| 2 Unsafe | 19.8 |
| 3 Somewhat unsafe | 26.2 |
| 4 Neither unsafe nor safe | 20.4 |
| 5 Somewhat safe | 13.1 |
| 6 Safe | 3.5 |
| 7 Very safe | 0.7 |

tr045 (how convenient work or school trips Metro light rail/subway)

Please rate the following aspect of riding the **Metro light rail/subway** in Los Angeles County. We are interested in how you feel about riding the Metro regardless of whether or not you do it regularly: How **convenient** - in terms of speed, ease of getting to where you are going, and parking - is it to use the Metro for **work or school related trips**?

| | |
|---------------------|----|
| 1 Very inconvenient | 18 |
|---------------------|----|

| | |
|---------------------------------------|------|
| 2 Inconvenient | 16.2 |
| 3 Somewhat inconvenient | 17.6 |
| 4 Neither inconvenient nor convenient | 21.9 |
| 5 Somewhat convenient | 16.9 |
| 6 Convenient | 6.9 |
| 7 Very convenient | 2.5 |

tr046 (how convenient personal or leisure trips Metro light rail/subway)

Please rate the following aspect of riding the **Metro light rail/subway** in Los Angeles County. We are interested in how you feel about riding the Metro regardless of whether or not you do it regularly: How **convenient** - in terms of speed, ease of getting to where you are going, and parking - is it to use the Metro for **personal or leisure trips**?

| | |
|---------------------------------------|------|
| 1 Very inconvenient | 17.4 |
| 2 Inconvenient | 16.8 |
| 3 Somewhat inconvenient | 16.5 |
| 4 Neither inconvenient nor convenient | 23.4 |
| 5 Somewhat convenient | 15.5 |
| 6 Convenient | 8.3 |
| 7 Very convenient | 2.2 |

tr047 (how expensive Metro light rail/subway)

Please rate the following aspect of riding the **Metro light rail/subway** in Los Angeles County. We are interested in how you feel about riding the Metro regardless of whether or not you do it regularly: How **expensive** is it to use the Metro?

| | |
|-------------------------------------|------|
| 1 Very expensive | 1.7 |
| 2 Expensive | 6.1 |
| 3 Somewhat expensive | 12.9 |
| 4 Neither expensive nor inexpensive | 30.9 |
| 5 Somewhat inexpensive | 19.9 |
| 6 Inexpensive | 20 |
| 7 Very inexpensive | 8.6 |

tr048 (how enjoyable Metro light rail/subway)

Please rate the following aspect of riding the **Metro light rail/subway** in Los Angeles County. We are interested in how you feel about riding the Metro regardless of whether or not you do it regularly: How **enjoyable** is it to use the Metro?

| | |
|-------------------------------------|------|
| 1 Very unenjoyable | 11.2 |
| 2 Unenjoyable | 16.1 |
| 3 Somewhat unenjoyable | 15.8 |
| 4 Neither unenjoyable nor enjoyable | 33.8 |
| 5 Somewhat enjoyable | 16.9 |
| 6 Enjoyable | 4.9 |
| 7 Very enjoyable | 1.4 |

tr049 (how safe ride-hailing service (Uber, Lyft, etc.))

Please rate the following aspect of using a **ride-hailing service (e.g. Uber, Lyft)** in Los Angeles County. We are interested in how you feel about using a ride-hailing service regardless of whether or not you do it regularly: How **safe** are you from harassment or crime in a ride-hailing vehicle?

| | |
|---------------------------|------|
| 1 Very unsafe | 5.9 |
| 2 Unsafe | 8.3 |
| 3 Somewhat unsafe | 16.8 |
| 4 Neither unsafe nor safe | 25.9 |
| 5 Somewhat safe | 25.6 |
| 6 Safe | 14.4 |
| 7 Very safe | 3.2 |

tr050 (how convenient work or school trips ride-hailing service (Uber, Lyft, etc.))

Please rate the following aspect of using a **ride-hailing service (e.g. Uber, Lyft)** in Los Angeles County. We are interested in how you feel about using a ride-hailing service regardless of whether or not you do it regularly: How **convenient** – in terms of speed, ease of getting to where you are going, and parking – is it to use a ride-hailing service for **work or school related trips**?

| | |
|---------------------------------------|-----|
| 1 Very inconvenient | 4.5 |
| 2 Inconvenient | 6.1 |
| 3 Somewhat inconvenient | 9.5 |
| 4 Neither inconvenient nor convenient | 23 |
| 5 Somewhat convenient | 27 |
| 6 Convenient | 23 |
| 7 Very convenient | 6.9 |

tr051 (how convenient personal or leisure trips ride-hailing service (Uber, Lyft, etc.))

Please rate the following aspect of using a **ride-hailing service (e.g. Uber, Lyft)** in Los Angeles County. We are interested in how you feel about using a ride-hailing service regardless of whether or not you do it regularly: How **convenient** – in terms of speed, ease of getting to where you are going, and parking – is it to use a ride-hailing service for **personal or leisure trips**?

| | |
|---------------------------------------|------|
| 1 Very inconvenient | 4.3 |
| 2 Inconvenient | 4.9 |
| 3 Somewhat inconvenient | 9.5 |
| 4 Neither inconvenient nor convenient | 22.8 |
| 5 Somewhat convenient | 26.3 |
| 6 Convenient | 23.9 |
| 7 Very convenient | 8.3 |

tr052 (how expensive ride-hailing service (Uber, Lyft, etc.))

Please rate the following aspect of using a **ride-hailing service (Uber, Lyft, etc.)** in Los Angeles County. We are interested in how you feel about using a ride-hailing service regardless of whether or not you do it regularly: How **expensive** is it to use a ride-hailing service?

| | |
|-------------------------------------|------|
| 1 Very expensive | 18.2 |
| 2 Expensive | 27.3 |
| 3 Somewhat expensive | 28.6 |
| 4 Neither expensive nor inexpensive | 19 |
| 5 Somewhat inexpensive | 4.4 |
| 6 Inexpensive | 1.3 |
| 7 Very inexpensive | 1.2 |

tr053 (how enjoyable ride-hailing service (Uber, Lyft, etc.))

Please rate the following aspect of using a **ride-hailing service (Uber, Lyft, etc.)** in Los Angeles County. We are interested in how you feel about using a ride-hailing service regardless of whether or not you do it regularly: How **enjoyable** is it to use a ride-hailing service?

| | |
|-------------------------------------|------|
| 1 Very unenjoyable | 3.1 |
| 2 Unenjoyable | 6.5 |
| 3 Somewhat unenjoyable | 11.4 |
| 4 Neither unenjoyable nor enjoyable | 44.7 |
| 5 Somewhat enjoyable | 23 |
| 6 Enjoyable | 10.1 |

| | |
|------------------|-----|
| 7 Very enjoyable | 1.2 |
|------------------|-----|

ne001a (moved to a new place of residence since uas468 completion)

Have you moved to a new place of residence (i.e. a new home, apartment, mobile home, car, or street location) since [end time uas468 livability[]] or are you living in the same place?

| | |
|-------------------------------------|------|
| 1 Yes, I have moved to a new place | 4.7 |
| 2 No, I am living in the same place | 93.9 |
| 3 Unsure | 1.3 |

pu001 (type of home currently living)

In what type of housing do you currently live?

| | |
|---|------|
| 1 Single-family home | 53.8 |
| 2 Condo or townhome or duplex | 13.9 |
| 3 Apartment, guest house, or dorm | 29.2 |
| 4 Mobile home/trailer | 1.6 |
| 5 Hotel or motel | 0.2 |
| 6 Permanent supportive housing | 0.3 |
| 7 I don't currently have housing (e.g. live in a car, shelter, on the street) | 0.7 |
| 8 Other, please specify: pu001_other | 0.3 |

pu002 (currently rent or own)

Does your household rent, lease, or own the housing in which you currently live?

| | |
|---|------|
| 1 Rent or lease | 64.4 |
| 2 Own | 34.6 |
| 3 No one in my household pays rent or owns it | 1 |

ne001b (how long since had housing)

Asked of respondents who selected "I don't currently have housing" in pu001 (n = 5)

How long has it been since you had housing?

| | |
|----------------------|------|
| 1 Less than 6 months | 34.3 |
| 4 3-4 years | 48.6 |
| 5 5 or more years | 17.1 |

tr054 (how far home from nearest useful bus stop)

About how far from your home is the nearest useful **bus stop**? By "useful," we mean that the bus stop is for a bus line that goes to places you need or want to go.

| | |
|---|------|
| 1 5 minute walk (about 1/4 of a mile) | 58.7 |
| 2 10-15 minute walk (about a half mile to less than a mile) | 26.9 |
| 3 20-30 minute walk (about a mile to two miles) | 5.8 |
| 4 Greater than 30 minute walk (more than 2 miles) | 2.0 |
| 5 I dont know how far the nearest useful Metro station is | 6.6 |

tr055 (how far home from nearest useful metro station)

About how far from your home is the nearest useful **Metro light rail/subway station**? By "useful," we mean that the Metro station is for a Metro line that goes to places you need or want to go.

| | |
|---|------|
| 1 5 minute walk (about 1/4 of a mile) | 7.3 |
| 2 10-15 minute walk (about a half mile to less than a mile) | 19.2 |
| 3 20-30 minute walk (about a mile to two miles) | 22.2 |
| 4 Greater than 30 minute walk (more than 2 miles) | 33.5 |
| 5 I dont know how far the nearest useful Metro station is | 17.8 |

tr061 (how many private vehicles own or lease)

How many private vehicles (cars, vans, trucks, or SUVs) in working condition does your household currently own or lease?

| | |
|-----|------|
| 0 0 | 7.6 |
| 1 1 | 33.3 |
| 2 2 | 36.8 |
| 3 3 | 13.8 |
| 4 4 | 5.5 |
| 5 5 | 2.3 |
| 6 6 | 0.5 |
| 7 7 | 0.3 |

Asked of respondents who selected "0" for tr061 (n = 77)

tr062 (why not own or lease private vehicle)

Why doesn't your household currently own or lease a car, van, truck, or SUV in working condition? **Please check all that apply.**

| | |
|---|------|
| Too Expensive | 64.9 |
| Vehicle(s) need(s) repairs | 9.7 |
| Don't have a valid drivers license | 24.7 |
| Prefer to use other modes of transportation | 21.2 |
| Lack of available parking | 12.8 |
| Ethical/environmental concerns | 3.2 |
| Other, Please specify | 15.2 |

tr063 (use vehicle in last year)

In the last 12 months, did you use a household vehicle (car, van, truck, SUV) to transport people or goods for pay? Examples include driving a household vehicle for Uber or Lyft or driving a household vehicle to make deliveries for companies like Instacart or Postmates.

| | |
|-------|------|
| 1 Yes | 7.5 |
| 2 No | 92.5 |

tr064 (how likely buy vehicle)

How likely is it that your household will purchase or lease a new or used car, van, truck, or SUV in the next twelve months?

| | |
|-------------------------------|------|
| 1 Very unlikely | 40.2 |
| 2 Unlikely | 20.6 |
| 3 Somewhat unlikely | 8 |
| 4 Neither likely nor unlikely | 11.6 |
| 5 Somewhat likely | 9.7 |
| 6 Likely | 5.2 |
| 7 Very likely | 4.6 |

tr065 (how difficult find street parking)

Please rate how difficult or easy it usually is to find street parking in your neighborhood:

| | |
|---------------------------------|------|
| 1 Very difficult | 21.3 |
| 2 Somewhat difficult | 19.3 |
| 3 Neither difficult nor easy | 12.0 |
| 4 Somewhat easy | 18.3 |
| 5 Very easy | 26.2 |
| 6 I do not know/ not applicable | 2.9 |

Asked of respondents who have housing (pu001=1, 2,3, 4, 5, or 6; n = 1183)

tr066 (how many free off street parking with current residence)

At your primary residence, how many parking spaces, if any, are included as part of your rent, mortgage, or housing agreement? That is, you do not pay an additional fee beyond for them beyond any rent or mortgage payments. If you have your own driveway, count the number of cars you can comfortably park in your driveway as the number of driveway parking spaces available to you. Please select zero if you have none.

The next set of questions asks about your conditions at home and at work, including your exposure to different kinds of weather.

| how many parking spaces with current residence | % |
|--|------|
| 0 0 | 15 |
| 1 1 | 29.2 |
| 2 2 | 26.6 |
| 3 3 | 10.2 |
| 4 4 | 10.3 |
| 5 5 | 3.5 |
| 6 6 | 2.3 |
| 7 7 | 0.4 |
| 8 8 | 0.8 |
| 9 9 | 0.3 |
| 10 10 | 0.5 |
| 11 11+ | 0.9 |

| how many parking permits with current residence | % |
|---|-----|
| 0 0 | 79 |
| 1 1 | 6.7 |
| 2 2 | 7.5 |
| 3 3 | 1.4 |
| 4 4 | 1 |
| 5 5 | 0.6 |
| 6 6 | 0.7 |
| 7 7 | 0.2 |
| 8 8 | 0.2 |
| 10 10 | 0.6 |
| 11 11+ | 2.2 |

Asked of respondents who have housing (pu001=1, 2,3, 4, 5, or 6; n = 1183)

ht001 Which of the following do you have in your current residence, in **working order**?

| | Yes | No | Unsure |
|---|------|------|--------|
| Central air conditioning | 52.5 | 45.8 | 1.8 |
| Other type of air conditioner (window, portable, etc.) | 47 | 51.7 | 1.3 |
| Fan (window, ceiling, portable, etc.) | 79.8 | 19.5 | 0.8 |
| Forced heating system (heat coming from vents in the wall or floor) | 58.9 | 39.1 | 1.9 |
| Other type of heater (portable, floor heating, etc.) | 52.2 | 45.9 | 1.9 |
| Gas stove | 85.1 | 13.8 | 1.1 |
| Electric stove | 16.4 | 81.4 | 2.2 |
| Induction stove | 5.1 | 90.8 | 4.1 |

Asked of respondents who selected “gas stove” in ht001 (n = 1001)

ht002 (working vent or range hood gas stove)

Is there a working vent or range hood over your gas stove? A vent or range hood removes odors as well as excess heat, steam, or smoke that is released into the air while cooking.

| | |
|-------|------|
| 1 Yes | 80.3 |
| 2 No | 19.7 |

Asked of respondents who selected “electric stove” in ht001 (n = 185)

ht003 (working vent or range hood electric stove)

Is there a working vent or range hood over your electric stove? A vent or range hood removes odors as well as excess heat, steam, or smoke that is released into the air while cooking.

| | |
|-------|------|
| 1 Yes | 80.1 |
| 2 No | 19.9 |

Asked of respondents who selected “induction stove” in ht001 (n = 63)

ht004 (workig vent or range hood induction stove)

Is there a working vent or range hood over your induction stove? A vent or range hood removes odors as well as excess heat, steam, or smoke that is released into the air while cooking.

| | |
|-------|------|
| 1 Yes | 85.3 |
| 2 No | 14.7 |

ht006 Please rate how strongly you agree or disagree with the following statements:

| Enough trees in my neighborhood to provide adequate shade | % |
|---|------|
| 1 Agree strongly | 12.1 |
| 2 Agree | 19.8 |
| 3 Agree somewhat | 19.5 |

| | |
|------------------------------|------|
| 4 Neither agree nor disagree | 12.7 |
| 5 Disagree somewhat | 16.2 |
| 6 Disagree | 12.1 |
| 7 Disagree strongly | 7.6 |

| | |
|--|------|
| Bus and/or Metro stops in neighborhood are well-shaded | % |
| 1 Agree strongly | 2.8 |
| 2 Agree | 9.6 |
| 3 Agree somewhat | 14.1 |
| 4 Neither agree nor disagree | 21.6 |
| 5 Disagree somewhat | 10.1 |
| 6 Disagree | 20.6 |
| 7 Disagree strongly | 14.9 |
| 8 Not applicable - no stops in my neighborhood | 6.3 |

ht007 [In the past 12 months/Since /], have you visited any of the following places for the sole purpose of trying to cool down or get out of the heat? Please check all that apply.

| | Yes | No | Unsure |
|--|------|------|--------|
| Mall or store | 30.1 | 68.4 | 1.4 |
| Library | 10.6 | 88.4 | 1 |
| Community center | 4.2 | 94.4 | 1.4 |
| Senior center | 2.2 | 96.5 | 1.2 |
| Indoor recreation center | 6.4 | 92.6 | 1 |
| Park or other outdoor recreational space | 23.8 | 74.8 | 1.4 |
| Home of a friend, neighbor, or family member | 26.5 | 72.4 | 1.1 |
| Restaurant, food court, or cafe | 28.3 | 70.8 | 0.9 |
| Pool or beach | 31.3 | 67.3 | 1.4 |
| Other place for shade | 2.9 | 91.6 | 5.5 |

ht017 [In the past 12 months/Since /], have you visited any of the following places for the sole purpose of trying to warm up or get out of the cold? Please check all that apply.

| | Yes | No | Unsure |
|------------------|------|------|--------|
| Mall or store | 13.1 | 86.2 | 0.8 |
| Library | 3.8 | 95 | 1.2 |
| Community center | 1.6 | 97.3 | 1.1 |
| Senior center | 1.2 | 98 | 0.8 |

| | | | |
|--|------|------|-----|
| Indoor recreation center | 2.7 | 96.2 | 1.1 |
| Home of a friend, neighbor, or family member | 14.3 | 84.9 | 0.9 |
| Restaurant, food court, or cafe | 13 | 85.8 | 1.2 |
| Other place for warmth | 1.6 | 95 | 3.4 |

Asked of respondents who indicated they were working in UAS468 (n = 584)

wc001 (current labor status) You told us on [end time uas468 livability[]] that you had a job where you worked for pay. Which statement best reflects your current employment status?

| | |
|--|------|
| 1 I am still working in the same job | 85.2 |
| 2 I lost my job and I am looking for work | 4.0 |
| 3 I lost my job and I am not looking for work | 0.3 |
| 4 I have been temporarily laid off from my job | 1.1 |
| 5 I am on sick leave or other leave from work | 0.8 |
| 6 I am now working at a different job | 4.6 |
| 7 I am now retired | 1.2 |
| 8 None of these, please specify: wc001_other | 2.9 |

Asked of respondents who have no known current labor status (n = 603)

wc001a (current labor status) Which statement best reflects your current employment status?

| | |
|---|------|
| 1 Working | 31.3 |
| 2 Temporarily laid off from my job | 0.4 |
| 3 On sick leave or other leave from my job | 1.5 |
| 4 Unemployed and looking for work | 13.4 |
| 5 Unemployed and not looking for work | 9.8 |
| 6 Retired | 31.2 |
| 7 Student | 4 |
| 8 None of these, please specify: wc001a_other | 8.4 |

Asked of respondents who are currently working (n = 759)

wc002 (typical week, how many days work in primary job) In a typical week, how many days do you work in your primary job?

| | |
|----------|-----|
| 0 0 days | 1.5 |
| 1 1 day | 2.1 |
| 2 2 days | 2.9 |

| | |
|----------|------|
| 3 3 days | 6.9 |
| 4 4 days | 7.3 |
| 5 5 days | 70.1 |
| 6 6 days | 6.8 |
| 7 7 days | 2.3 |

Asked of respondents who are currently working at least one day per week (n = 749)

wc003 (typical week, how many days work from home in primary job) In a typical week, how many days do you work from home in your primary job?

| | |
|--------|------|
| 0 days | 60.9 |
| 1 day | 6.8 |
| 2 days | 6.6 |
| 3 days | 4.4 |
| 4 days | 4 |
| 5 days | 15.6 |
| 6 days | 1 |
| 7 days | 0.7 |

Asked of respondents who are currently working (n = 759)

ht016 Which of the following conditions do you work in for your primary job? Please check all that apply. For example, if your job requires you to spend half your work day outdoors under a tent and the other half of your work day outdoors without any covering, you would select both options.

| | |
|--|------|
| Outdoors, covered by a structure (like a tent, open shed, booth) | 89.7 |
| Outdoors, with no cover (exposed to all weather conditions) | 86.3 |
| Indoors, inside a building | 11 |
| In a closed vehicle (like a car) | 87 |
| In an open vehicle (like a tractor) | 96.3 |

Asked of respondents who are working indoors (n = 685)

ht009 Are any of the following available at your indoor place(s) of work, including your home if you are currently working from home?

| | Yes | No | Unsure |
|---|------|------|--------|
| Windows that can be opened | 56 | 41.9 | 2.1 |
| Central air conditioning | 78.6 | 19.7 | 1.7 |
| Other type of air conditioner (window, portable, etc.) | 35.5 | 59.9 | 4.6 |
| Forced heating system (heat coming from vents in the wall or floor) | 68.3 | 27 | 4.8 |
| Other type of heater (portable, floor heating, etc.) | 35.7 | 58.3 | 6 |

| | | | |
|-----|------|------|-----|
| Fan | 55.2 | 41.3 | 3.5 |
|-----|------|------|-----|

Asked of respondents who are working outdoors, with or without cover (n = 119)

ht010 For about how many hours in a typical week are you required to work outdoors for your job?

| | |
|-----------------------|------|
| 2 Less than 1 hour | 15.5 |
| 3 1-2 hours | 15.2 |
| 4 3-5 hours | 13.2 |
| 5 6-10 hours | 16.5 |
| 6 11-15 hours | 4.8 |
| 7 16-20 hours | 9 |
| 8 21-25 hours | 5 |
| 9 26-30 hours | 1.3 |
| 10 31-35 hours | 7.8 |
| 11 36-40 hours | 5.2 |
| 12 More than 40 hours | 6.5 |

Asked of respondents who are working outdoors, with or without cover (n = 119)

ht011 Are any of the following available to you at your outdoor place(s) of work? Please check all that apply.

| | Yes | No | Unsure |
|---|------|------|--------|
| Paid sick leave | 60.7 | 36 | 3.2 |
| Additional break time on extremely hot days | 32.1 | 62.5 | 5.4 |
| Sun protective clothing | 24.7 | 72.9 | 2.4 |
| Sunscreen | 32.2 | 64.5 | 3.2 |
| Hat | 41.3 | 58.7 | 0.0 |
| Sunglasses | 28.1 | 67.6 | 4.3 |
| Shade from the sun | 37.3 | 59.6 | 3 |
| Portable fan | 24.9 | 71 | 4.1 |
| Portable air conditioner | 18.9 | 77.8 | 3.3 |
| Portable heater | 15.5 | 83.6 | 0.9 |

Asked of respondents who are currently working (n = 759)

wc004 (employer have a commuter benefit program) Does your employer have a commuter benefit program? A commuter benefit program reduces transportation costs (like the cost of public transit) for employees using eligible forms of transportation.

| | |
|-------|------|
| 1 Yes | 14.3 |
|-------|------|

| | |
|---------------------------|------|
| 2 No | 57.2 |
| 3 I dont know | 23.4 |
| 4 I dont have an employer | 5.1 |

Asked of respondents who have a commuter benefit program (wc004=1; n = 127)

wc005 (enrolled in the commuter benefit program provided by employer) Are you enrolled in the commuter benefit program provided by your employer?

| | |
|----------|------|
| 1 Yes | 19.6 |
| 2 No | 78.7 |
| 3 Unsure | 1.7 |

ht012 [In the past 12 months/Since /], have you experienced any of the following symptoms due to heat exposure?

| | Yes | No | Unsure |
|---|------|------|--------|
| High body temperature (103 F or higher) | 4 | 92.9 | 3.1 |
| Hot, red, dry, or damp skin | 14.1 | 84.3 | 1.6 |
| Cold, pale, and clammy skin | 5.7 | 91.7 | 2.7 |
| Fast, strong pulse | 7.4 | 89 | 3.6 |
| Fast, strong pulse | 3.5 | 92.9 | 3.6 |
| Headache | 23.1 | 75.7 | 1.2 |
| Dizziness | 12.2 | 86.1 | 1.7 |
| Nausea | 8.9 | 90.2 | 0.9 |
| Vomiting | 2.6 | 96.4 | 1.1 |
| Confusion | 4.3 | 93.4 | 2.3 |
| Passing out (fainting, losing consciousness) | 1.9 | 96.7 | 1.4 |
| Heavy sweating | 17.7 | 81.4 | 0.9 |
| Muscle pain or spasms | 9.6 | 89.2 | 1.2 |
| Tiredness or weakness | 18.7 | 78.9 | 2.3 |
| Sunburn (painful, red, and warm skin; blisters) | 10.2 | 88.5 | 1.3 |
| Heat rash (red clusters of small blisters that look like pimples) | 5.3 | 93.5 | 1.2 |

Asked of respondents who experienced at least one symptom in ht012

ht015 [In the past 12 months/Since /], how many times did you experience the following symptoms due to heat exposure?

| | | | | | |
|--|------|-----------|-----------|-----------|-----------|
| | Once | 2-3 times | 4-6 times | 7-9 times | 10+ times |
|--|------|-----------|-----------|-----------|-----------|

| | | | | | |
|---|------|------|------|------|------|
| High body temperature (103 F or higher) | 64.6 | 13.2 | 17.5 | 0 | 4.8 |
| Hot, red, dry, or damp skin | 36.1 | 36 | 16.1 | 2.5 | 9.3 |
| Cold, pale, and clammy skin | 41.5 | 34.6 | 13.4 | 6.6 | 3.9 |
| Fast, strong pulse | 33.7 | 42.1 | 9 | 5.8 | 9.4 |
| Fast, strong pulse | 39.6 | 44.1 | 3.8 | 1.7 | 10.7 |
| Headache | 20.6 | 41.6 | 18.1 | 5.2 | 14.5 |
| Dizziness | 32.6 | 33.6 | 17.9 | 4.2 | 11.7 |
| Nausea | 31.7 | 37.4 | 13.3 | 6.5 | 11.1 |
| Vomiting | 59 | 27 | 2.2 | 0 | 11.8 |
| Confusion | 26.3 | 30.7 | 17.1 | 10.3 | 15.6 |
| Passing out (fainting, losing consciousness) | 72.3 | 22.6 | 5.1 | 0 | 0 |
| Heavy sweating | 19.5 | 21.4 | 20.7 | 12.1 | 26.3 |
| Muscle pain or spasms | 28.7 | 21.9 | 18.9 | 6.4 | 24.1 |
| Tiredness or weakness | 20.2 | 23.8 | 22 | 10.6 | 23.5 |
| Sunburn (painful, red, and warm skin; blisters) | 39 | 43 | 6.7 | 2.8 | 8.5 |
| Heat rash (red clusters of small blisters... | 30.6 | 32.6 | 18.4 | 7.4 | 11 |

ht014 [In the past 12 months/Since /], did you spend one or more nights in the hospital (where you were not in an emergency room) for any of the following heat-related conditions?

| | Yes | No | Unsure |
|-----------------------------|-----|------|--------|
| Heat stroke | 0.5 | 98.4 | 1.2 |
| Heat exhaustion | 1.7 | 97.2 | 1.1 |
| Fainting due to overheating | 1 | 98.2 | 0.8 |
| Heat cramps | 0.9 | 98 | 1.1 |
| Heat rash | 1.6 | 97.7 | 0.7 |

The next few questions ask about the quality of the air you breathe in various places and any concerns you've had [in the past 12 months/since/] about exposure to air pollution.

pl001 (taken any medication or used an inhaler for asthma to prevent symptoms)

[In the past 12 months/Since /], have you taken any medication or used an inhaler for asthma to prevent symptoms?

| | |
|----------|------|
| 1 Yes | 9.7 |
| 2 No | 89.5 |
| 3 Unsure | 0.9 |

pl002 (how safe air quality in home for breathing) Most times of the year, how safe do you consider the air quality in your home for breathing? If you're not sure, please give your best guess.

| | |
|---------------------------|------|
| 1 Very unsafe | 2.4 |
| 2 Unsafe | 2.6 |
| 3 Somewhat unsafe | 8.1 |
| 4 Neither unsafe nor safe | 15.6 |
| 5 Somewhat safe | 23 |
| 6 Safe | 37.3 |
| 7 Very safe | 11.1 |

pl003 (how safe air quality in neighborhood for breathing) Most times of the year, how safe do you consider the air quality in your neighborhood for breathing? If you're not sure, please give your best guess.

| | |
|---------------------------|------|
| 1 Very unsafe | 2.7 |
| 2 Unsafe | 5.3 |
| 3 Somewhat unsafe | 11.8 |
| 4 Neither unsafe nor safe | 18.5 |
| 5 Somewhat safe | 28.1 |
| 6 Safe | 28.2 |
| 7 Very safe | 5.4 |

pl004 (how safe water quality in neighborhood for drinking) Most times of the year, how safe do you consider the quality of the tap water in your neighborhood for drinking? If you're not sure, please give your best guess.

| | |
|---------------------------|------|
| 1 Very unsafe | 5.7 |
| 2 Unsafe | 10.1 |
| 3 Somewhat unsafe | 14.3 |
| 4 Neither unsafe nor safe | 21.7 |
| 5 Somewhat safe | 21.8 |
| 6 Safe | 20.5 |
| 7 Very safe | 5.9 |

[Asked of respondents who are currently working \(n = 759\)](#)

pl008 (how safe air quality in places of work for breathing) Most times of the year, how safe do you consider the air quality in your place(s) of work (including your home if working from home) for breathing? If you're not sure, please give your best guess.

| | |
|---------------------------|------|
| 1 Very unsafe | 2.8 |
| 2 Unsafe | 3.5 |
| 3 Somewhat unsafe | 11.1 |
| 4 Neither unsafe nor safe | 17.5 |
| 5 Somewhat safe | 26.8 |
| 6 Safe | 31.5 |
| 7 Very safe | 6.8 |

pl005 (ever avoid going outside due to wildfire) [In the past 12 months/Since /], did you ever avoid going outside because you were concerned about the quality of the air for breathing, due to a nearby wildfire?

| | |
|-------------------|------|
| 1 Yes | 30.7 |
| 2 No | 60.3 |
| 3 I dont remember | 9 |

pl006 (ever avoid going outside not due to wildfire) [In the past 12 months/Since /], did you ever avoid going outside because you were concerned about the quality of the air for breathing, due to reasons other than a wildfire?

| | |
|-------------------|------|
| 1 Yes | 18.3 |
| 2 No | 75.1 |
| 3 I dont remember | 6.6 |

pl007 (ever avoid going specific place because of air quality) [In the past 12 months/Since /], did you ever avoid going to a specific place in Los Angeles County because you were concerned about the quality of the air in that place for breathing?

| | |
|---|------|
| 1 Yes. Please specify the place(s) you avoided: pl007_specify | 7.6 |
| 2 No | 78.5 |
| 3 I dont remember | 13.9 |

Please rate how strongly you agree or disagree with the following statements:

st001a (Climate change is a threat to the well-being of residents in Los Angeles County)

Climate change is a threat to the well-being of residents in Los Angeles County

| | |
|---------------------|-----|
| 1 Strongly disagree | 3.9 |
| 2 Disagree | 3.9 |
| 3 Somewhat disagree | 3.1 |

| | |
|------------------------------|------|
| 4 Neither agree nor disagree | 16.4 |
| 5 Somewhat agree | 18.2 |
| 6 Agree | 25.8 |
| 7 Strongly agree | 28.7 |

st001b (Climate change is caused mostly by human activities) Climate change is caused mostly by human activities

| | |
|------------------------------|------|
| 1 Strongly disagree | 3.3 |
| 2 Disagree | 3.9 |
| 3 Somewhat disagree | 3.4 |
| 4 Neither agree nor disagree | 16.4 |
| 5 Somewhat agree | 17.1 |
| 6 Agree | 25.6 |
| 7 Strongly agree | 30.3 |

st001c (My individual actions can make a difference in fighting climate change) My individual actions can make a difference in fighting climate change

| | |
|------------------------------|------|
| 1 Strongly disagree | 4.8 |
| 2 Disagree | 5.3 |
| 3 Somewhat disagree | 6.8 |
| 4 Neither agree nor disagree | 20.9 |
| 5 Somewhat agree | 24.3 |
| 6 Agree | 25.2 |
| 7 Strongly agree | 12.6 |

st001d (Local government is doing enough to fight climate change) Local government is doing enough to fight climate change

| | |
|------------------------------|------|
| 1 Strongly disagree | 15.2 |
| 2 Disagree | 18.5 |
| 3 Somewhat disagree | 16.4 |
| 4 Neither agree nor disagree | 31.1 |
| 5 Somewhat agree | 11 |
| 6 Agree | 5.3 |
| 7 Strongly agree | 2.5 |

Asked of respondents who have housing (pu001=1, 2, 3, 4, 5, or 6; n = 1183)
st002 Which of the following do you have at your current residence?

| | Yes | No | Unsure |
|---|------|------|--------|
| Solar panels | 10.6 | 87.5 | 1.9 |
| Solar water heater | 1.7 | 95.2 | 3.1 |
| Wind turbine | 0.9 | 96 | 3.1 |
| Geothermal heat pump | 0.8 | 93.7 | 5.5 |
| Fuel-cell equipment | 1 | 93.6 | 5.4 |
| Low-flow plumbing fixtures | 26.3 | 66.2 | 7.5 |
| Tankless water heater | 8.3 | 83.1 | 8.6 |
| LED or CFL light bulbs | 78.7 | 16.7 | 4.5 |
| Daylights (skylights, light shelves, light tubes, etc.) | 22 | 74.6 | 3.4 |
| Ceiling fan | 56.8 | 41.5 | 1.7 |
| Programmable thermostat | 45.6 | 51.3 | 3.1 |
| Well-insulated windows and/or doors | 47.4 | 45.5 | 7.1 |
| Energy-efficient appliances and/or electronics | 59.3 | 32.2 | 8.5 |
| Energy-efficient landscaping | 25.8 | 61.1 | 13.1 |

st003 Please rate how often you...

| | Never | Rarely | Sometimes | Often | Very often |
|---|-------|--------|-----------|-------|------------|
| recycle | 4.4 | 5.8 | 12.4 | 27.7 | 49.7 |
| compost | 51.5 | 16.2 | 17.2 | 6.6 | 8.5 |
| Limit your car usage | 15.1 | 14.7 | 37.7 | 20.2 | 12.2 |
| Limit your water usage | 7.6 | 8 | 38.4 | 31.3 | 14.7 |
| Limit your electricity usage | 7.6 | 10.5 | 34.4 | 32.1 | 15.4 |
| Limit your food waste | 6.6 | 9.1 | 31.8 | 33 | 19.6 |
| Limit or eliminate your consumption of meat | 17.1 | 19.2 | 35.2 | 16.5 | 12 |
| Buy or eat food grown in southern california | 8.4 | 11.6 | 44.6 | 26.3 | 9.1 |
| Buy or eat organic food | 12.4 | 24.2 | 42.9 | 12.8 | 7.8 |
| Buy or eat sustainably-sourced food | 9.9 | 24.4 | 45.9 | 14.1 | 5.8 |
| Buy or eat low- or un-processed food | 7.1 | 20.4 | 42.2 | 22 | 8.3 |
| Limit your use of food products that come in a lot of packaging | 8.8 | 22.1 | 42.8 | 19.2 | 7.2 |
| Limit your use of plastic | 8.6 | 19.2 | 42.9 | 21.7 | 7.6 |
| Hang your clothes to dry instead of using the dryer | 27.6 | 23.5 | 29.9 | 9.6 | 9.4 |

| | | | | | |
|---|------|------|----|------|------|
| Limit your use of air conditioning, even when it is hot | 12.3 | 15.8 | 38 | 20.5 | 13.4 |
|---|------|------|----|------|------|

st004 Have you heard or read about any of the following federal or state subsidies?

| | Yes | No | Unsure |
|--|------|------|--------|
| Tax credit for owning or leasing an electric car | 44.7 | 49.4 | 5.9 |
| Cash rebate for owning or leasing an electric car | 36 | 56.5 | 7.4 |
| Tax credit for installing solar panels, solar water heaters, wind... | 47.6 | 44.9 | 7.5 |
| Tax credit for improving energy efficiency of home (e.g. better...) | 40.4 | 50.8 | 8.8 |

us001 Do you currently own or lease the following cars?

| | |
|--------------|------|
| Electric car | 4.2 |
| Hydrogen car | 0.8 |
| Hybrid car | 12.2 |

us002 (how likely is next car purchase an electric car) How likely is it that the next car you purchase or lease will be an hybrid, electric, or hydrogen car?

| | |
|---|------|
| 1 Very unlikely | 16.6 |
| 2 Unlikely | 10.1 |
| 3 Somewhat unlikely | 10.8 |
| 4 Somewhat likely | 19.1 |
| 5 Likely | 11.1 |
| 6 Very likely | 19.4 |
| 7 Not applicable - I do not plan to purchase or lease another car | 13 |

ds001 (how prepared for natural disaster) How prepared do you think your household is for an earthquake or other natural disaster?

| | |
|-----------------------|------|
| 1 Not at all prepared | 24.6 |
| 2 Slightly prepared | 35 |
| 3 Moderately prepared | 33.2 |
| 4 Very prepared | 5.3 |
| 5 Extremely prepared | 1.8 |

im001 (experienced impacts due to natural disaster) [In the past 12 months/Since /], have you experienced any of the following due to a natural disaster, such as a wildfire, flooding, or extreme heat? Please check all that apply.

| | |
|---|------|
| Loss of income due to inability to work | 4.1 |
| Health problem(s) | 4.5 |
| Loss or destruction of property | 1.4 |
| Loss or destruction of possessions | 1.1 |
| Increased utility expenses | 14.4 |
| Temporary evacuation | 1 |
| None of the above | 79.7 |

Asked of respondents who provided a response other than “None of the above in im001 (n = 239)

im002 (natural disaster difficult to afford household expenses) [In the past 12 months/Since /], did the [Loss of income due to inability to work /Health problem(s)/Loss or destruction of property /Loss or destruction of possessions/Increased utility expenses/Temporary evacuation /] brought on by a natural disaster make it difficult for you to afford household expenses like housing and food?

| | |
|----------|------|
| 1 Yes | 28 |
| 2 No | 57.4 |
| 3 Unsure | 14.6 |

im003 [In the past 12 months/Since /], have you experienced any of the following mental or emotional health problems due to a natural disaster, such as a wildfire, flooding, or extreme heat?

| | |
|-------------------|------|
| Anxiety | 20.9 |
| Depression | 13.8 |
| Prolonged fatigue | 10.1 |
| High stress | 18 |

Asked of respondents who are US citizens (n = 1109)

lapol2 (currently registered to vote in precinct where now live) Are you currently registered to vote in the precinct where you now live?

| | |
|--|------|
| 1 Yes, I am certain that I am registered to vote at my current address | 78.1 |
| 2 Yes, I am pretty sure I am registered at my current address | 6 |
| 3 No, I am not registered | 10.6 |
| 4 I am not not sure if I am registered at my current address | 3.7 |

| | |
|---|-----|
| 5 Does not apply to me, as I am not a citizen | 1.6 |
|---|-----|

Asked of respondents who are US citizens (n = 1109)

lapol1 (currently live within limits of city of Los Angeles) Do you currently live within the limits of the city of Los Angeles?

| | |
|----------|------|
| 1 Yes | 65.7 |
| 2 No | 29.8 |
| 3 Unsure | 4.5 |

Asked of respondents who are citizens, live in Los Angeles, and are pretty sure or certain that they are registered to vote at their current address (n = 597)

lapol5 (vote for candidate for Mayor of Los Angeles in 2022 election) Did you vote for a candidate for Los Angeles County Sheriff in the election on November 8, 2022?

| | |
|----------|------|
| 1 Yes | 61.4 |
| 2 No | 31.2 |
| 3 Unsure | 7.4 |

Asked of respondents who voted for a candidate for Mayor (n = 381)

lapol6 (who vote for in 2022 election for Mayor of Los Angeles) Who did you vote for in the election for Mayor of Los Angeles?

| | |
|---------------|------|
| 1 Karen Bass | 50.2 |
| 2 Rick Caruso | 34.9 |
| 3 Not sure | 15 |

Asked of US citizens who are pretty sure or certain that they are registered to vote at their current address (n = 958).

lapol8 (vote for candidate for Sheriff of Los Angeles County in 2022 election) Did you vote for a candidate for Los Angeles County Sheriff in the election on November 8, 2022?

| | |
|----------|------|
| 1 Yes | 59.8 |
| 2 No | 29.7 |
| 3 Unsure | 10.5 |

Asked of US citizens who say they voted for a candidate for Sheriff (n = 609).

lapol9 (who vote for in 2022 election for Sheriff of Los Angeles County) Who did you vote for in the election for Los Angeles County Sheriff?

| | |
|-------------------|------|
| 1 Robert Luna | 60.1 |
| 2 Alex Villanueva | 27.3 |

| | |
|------------|------|
| 3 Not sure | 12.6 |
|------------|------|