

# LABarometer

## TOPLINE RESULTS – WAVE 4 – Mobility and Sustainability

Release Date: June 5, 2024. Field dates: February 21, 2024 – April 21, 2024.

Sample: 1,499 Los Angeles County residents (70.2% response rate)

Margin of Sampling Error<sup>1</sup>: 2.5 percentage points

Full survey codebook and data are at <https://uasdata.usc.edu/survey/UAS+595>. The tables report weighted row percentages (or means), observations, and response margin of error.

*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.*

## 1. Transportation Use

### tr001: Over the last year, what modes of transportation did you use to go to places in or around Los Angeles County? Please check all that apply.

	No	Yes	Obs	MOSE
tr001s1: Private vehicle (car, van, carpool, truck, SUV) - as driver or passenger	7.8	92.2	1488	+/- 3
tr001s2: Ride-hailing service (Uber, Lyft, etc.) - as passenger	69.1	30.9	1488	+/- 3
tr001s3: Taxi, limo, hired car service - as passenger	94.6	5.4	1488	+/- 3
tr001s4: Public transportation (i.e. bus, light rail/subway, train, dial-a-ride, etc.) -	76.2	23.8	1488	+/- 3
tr001s5: Walk, skateboard, or kick scooter	68.6	31.4	1488	+/- 3
tr001s6: Bicycle or bikeshare (non-electric)	93.5	6.5	1488	+/- 3
tr001s7: Electric scooter, electric bike, or electric skateboard (Bird, Lime, etc.)	96.4	3.6	1488	+/- 3
tr001s8: Motorcycle or moped - as driver or passenger	98.7	1.3	1488	+/- 3
tr001s9: Other (shuttle, commercial vehicle, boat, etc.). Please specify: tr001_other	98.2	1.8	1488	+/- 3

### tr002: What specific forms of public transportation did you use? Please check all that apply. [If used public transport]

	No	Yes	Obs	MOSE
tr002s1: Bus	25.5	74.5	344	+/- 5
tr002s2: Metro light rail/subway (Metro Lines A, B, C, D, E, K, and L)	41.4	58.6	344	+/- 5
tr002s3: Metrolink train	88.6	11.4	344	+/- 5
tr002s4: Amtrak train	93.8	6.2	344	+/- 5
tr002s5: Dial-A-Ride (paratransit)	96.1	3.9	344	+/- 5
tr002s6: Other. Please specify: tr002_other	92.8	7.2	344	+/- 5

<sup>1</sup> 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. Precise measures for each individual question or outcome are included in the tables in the “MOSE” column.

**tr003: 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 in or around Los Angeles County?**

	1 Every day	2 Most days per week	3 A few days per week	4 One day per week	5 Less than one day per week	Obs	MOSE
tr003: how many days as passenger in private vehicle	35.5	26.5	16.3	4.5	17.1	1386	+/- 3

**tr004: What kinds of activities did you use a private vehicle for? [if used private vehicle]**

	No	Yes	Obs	MOSE
tr004s1: Job or school related activities (e.g. attending a class, commuting to an office)	37.0	63.0	1383	+/- 3
tr004s2: Personal or caretaking activities (e.g. grocery shopping, errands, medical care,	18.0	82.0	1383	+/- 3
tr004s3: Social or leisure activities (e.g. visiting family, seeing a movie, going out to	32.8	67.2	1383	+/- 3
tr004s4: Transportation to or from the airport	81.8	18.2	1383	+/- 3
tr004s5: Other. Please specify: tr004_other	97.7	2.3	1383	+/- 3

**tr005: In a typical month of the last 12 months, about how many days did you use a ride-hailing service as a passenger, to go to places in or around Los Angeles County?**

	1 Every day	2 Most days per week	3 A few days per week	4 One day per week	5 Less than one day per week	Obs	MOSE
tr005: how many days as passenger in ride-hailing service (Uber, Lyft, etc.)	1.0	4.2	5.6	8.9	80.3	506	+/- 4

**tr006: What kinds of activities did you use a ride-hailing service for? [if used ride hailing]**

	No	Yes	Obs	MOSE
tr006s1: Job or school related activities (e.g. attending a class, commuting to an office)	79.5	20.5	507	+/- 4
tr006s2: Personal or caretaking activities (e.g. grocery shopping, errands, medical care,	70.3	29.7	507	+/- 4
tr006s3: Social or leisure activities (e.g. visiting family, seeing a movie, going out to	57.7	42.3	507	+/- 4
tr006s4: Transportation to or from the airport	55.1	44.9	507	+/- 4
tr006s5: Other. Please specify: tr006_other	95.8	4.2	507	+/- 4

**tr007: 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	2 Most days per week	3 A few days per week	4 One day per week	Obs	MOSE
tr007: how many days as passenger in taxi, limo, or hired car service	1.5	8.1	3.9	86.5	93	+/- 10

**tr008: Now, in that same typical month, what kinds of activities did you use a taxi, limo, or hired car service for? [if used tax, limo, or hired car]**

	No	Yes	Obs	MOSE
tr008s1: Job or school related activities (e.g. attending a class, commuting to an office)	95.0	5.0	93	+/- 10
tr008s2: Personal or caretaking activities (e.g. grocery shopping, errands, medical care,	78.6	21.4	93	+/- 10
tr008s3: Social or leisure activities (e.g. visiting family, seeing a movie, going out to	81.8	18.2	93	+/- 10
tr008s4: Transportation to or from the airport	32.4	67.6	93	+/- 10
tr008s5: Other. Please specify: tr008_other	97.7	2.3	93	+/- 10

**tr009: 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	2 Most days per week	3 A few days per week	4 One day per week	5 Less than one day per week	Obs	MOSE
tr009: how many days ride in bus	15.4	16.4	21.5	10.4	36.3	237	+/- 6

**tr010: Now, in that same typical month, what kinds of activities did you use a public bus for? [if used bus]**

	No	Yes	Obs	MOSE
tr010s1: Job or school related activities (e.g. attending a class, commuting to an office	55.5	44.5	237	+/- 6
tr010s2: Personal or caretaking activities (e.g. grocery shopping, errands, medical care,	45.8	54.2	237	+/- 6
tr010s3: Social or leisure activities (e.g. visiting family, seeing a movie, going out to	57.2	42.8	237	+/- 6
tr010s4: Transportation to or from the airport	90.3	9.7	237	+/- 6
tr010s5: Other. Please specify: tr010_other	96.6	3.4	237	+/- 6

**tr012: 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	2 Most days per week	3 A few days per week	4 One day per week	5 Less than one day per week	Obs	MOSE
tr012: how many days ride metro light rail	6.9	8.9	16.3	8.8	59.1	221	+/- 7

**tr013: Now, in that same typical month, what kinds of activities did you use the Metro light rail/subway for? [if used Metro]**

	No	Yes	Obs	MOSE
tr013s1: Job or school related activities (e.g. attending a class, commuting to an office	59.7	40.3	221	+/- 7
tr013s2: Personal or caretaking activities (e.g. grocery shopping, errands, medical care,	64.6	35.4	221	+/- 7
tr013s3: Social or leisure activities (e.g. visiting family, seeing a movie, going out to	38.7	61.3	221	+/- 7
tr013s4: Transportation to or from the airport	90.2	9.8	221	+/- 7
tr013s5: Other. Please specify: tr013_other	99.0	1.0	221	+/- 7

**tr015: 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 Most days per week	3 A few days per week	4 One day per week	5 Less than one day per week	Obs	MOSE
tr015: how many days ride Metrolink train, Amtrak train, or Dial-A-Ride (paratransit) s	3.8	1.5	9.1	13.5	72.2	79	+/- 11

**tr016: Now, in that same typical month, what kinds of activities did you use a Metrolink train, Amtrak train, or Dial-A-Ride (paratransit) service for? [if used Metrolink etc.]**

	No	Yes	Obs	MOSE
tr016s1: Job or school related activities (e.g. attending a class, commuting to an office	78.3	21.7	79	+/- 11
tr016s2: Personal or caretaking activities (e.g. grocery shopping, errands, medical care,	55.4	44.6	79	+/- 11
tr016s3: Social or leisure activities (e.g. visiting family, seeing a movie, going out to	44.6	55.4	79	+/- 11
tr016s4: Transportation to or from the airport	93.6	6.4	79	+/- 11
tr016s5: Other. Please specify: tr016_other	98.3	1.7	79	+/- 11

**tr023: In a typical month of the last 12 months, about how many days did you walk, skateboard, or use a kick scooter to go to places in or around Los Angeles County?**

	1 Every day	2 Most days per week	3 A few days per week	4 One day per week	5 Less than one day per week	Obs	MOSE
tr023: how many days walk, skateboard, or use a kick scooter	19.3	16.5	25.9	12.4	25.9	527	+/- 4

**tr024: Now, in that same typical month, what kinds of activities did you walk, skateboard, or use a kick scooter for? [if walked, skateboarded, etc.]**

	No	Yes	Obs	MOSE
tr024s1: Job or school related activities (e.g. attending a class, commuting to an office)	78.5	21.5	526	+/- 4
tr024s2: Personal or caretaking activities (e.g. grocery shopping, errands, medical care,	33.5	66.5	526	+/- 4
tr024s3: Social or leisure activities (e.g. visiting family, seeing a movie, going out to	42.3	57.7	526	+/- 4
tr024s4: Transportation to or from the airport	99.0	1.0	526	+/- 4
tr024s5: Other. Please specify: tr024_other	93.1	6.9	526	+/- 4

**tr025: 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	2 Most days per week	3 A few days per week	4 One day per week	5 Less than one day per week	Obs	MOSE
tr025: how many days (non-electric) bicycle or bikeshare	7.4	6.2	16.1	17.2	53.1	98	+/- 10

**tr026: Now, in that same typical month, what kinds of activities did you use a (non-electric) bicycle or bikeshare for? [if used bicycle]**

	No	Yes	Obs	MOSE
tr026s1: Job or school related activities (e.g. attending a class, commuting to an office)	75.1	24.9	98	+/- 10
tr026s2: Personal or caretaking activities (e.g. grocery shopping, errands, medical care,	54.0	46.0	98	+/- 10
tr026s3: Social or leisure activities (e.g. visiting family, seeing a movie, going out to	32.7	67.3	98	+/- 10
tr026s4: Transportation to or from the airport	100.0	0.0	98	+/- 10
tr026s5: Other. Please specify: tr026_other	96.3	3.7	98	+/- 10

**tr027: 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	2 Most days per week	3 A few days per week	4 One day per week	5 Less than one day per week	Obs	MOSE
tr027: how many days electric scooter, electric bike, or electric skateboard	3.9	15.3	18.1	6.2	56.5	46	+/- 14

**tr028: Now, in that same typical month, what kinds of activities did you use an electric scooter, electric bike, or electric skateboard for? [if used electric scooter, bike etc.]**

	No	Yes	Obs	MOSE
tr028s1: Job or school related activities (e.g. attending a class, commuting to an office)	73.2	26.8	46	+/- 14
tr028s2: Personal or caretaking activities (e.g. grocery shopping, errands, medical care,	53.8	46.2	46	+/- 14
tr028s3: Social or leisure activities (e.g. visiting family, seeing a movie, going out to	35.7	64.3	46	+/- 14
tr028s4: Transportation to or from the airport	100.0	0.0	46	+/- 14

tr028s5: Other. Please specify: tr028_other	95.4	4.6	46	+/- 14
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**tr029: 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	2 Most days per week	3 A few days per week	4 One day per week	Obs	MOSE
tr029: how many days motorcycle or moped	30.2	27.4	10.0	32.5	22	+/- 21

**tr030: Now, in that same typical month, what kinds of activities did you use a motorcycle or moped for? [if used motorcycle or moped]**

	No	Yes	Obs	MOSE
tr030s1: Job or school related activities (e.g. attending a class, commuting to an office)	37.4	62.6	22	+/- 21
tr030s2: Personal or caretaking activities (e.g. grocery shopping, errands, medical care,	51.0	49.0	22	+/- 21
tr030s3: Social or leisure activities (e.g. visiting family, seeing a movie, going out to	30.2	69.8	22	+/- 21
tr030s4: Transportation to or from the airport	100.0	0.0	22	+/- 21
tr030s5: Other. Please specify: tr030_other	100.0	0.0	22	+/- 21

## 2. Transportation Perceptions

### tr034: How safe are you from harassment or crime in a private vehicle?

	1 Very unsafe	2 Unsafe	3 Somewhat unsafe	4 Neither unsafe nor safe	5 Somewhat safe	6 Safe	7 Very safe	Obs	MOSE
tr034: how safe private vehicle	3.5	3.0	7.9	11.9	21.5	32.0	20.1	1484	+/- 3

### tr035: 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	2 Inconvenient	3 Somewhat inconvenient	4 Neither inconvenient nor convenient	5 Somewhat convenient	6 Convenient	7 Very convenient	Obs	MOSE
tr035: how convenient work or school trips private vehicle	5.2	2.7	8.3	9.2	14.5	28.6	31.4	1483	+/- 3

### tr036: 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	2 Inconvenient	3 Somewhat inconvenient	4 Neither inconvenient nor convenient	5 Somewhat convenient	6 Convenient	7 Very convenient	Obs	MOSE
tr036: how convenient personal or leisure trips private vehicle	4.4	3.5	6.8	9.1	16.1	28.5	31.6	1482	+/- 3

### tr037: How expensive is it to use a private vehicle?

	1 Very expensive	2 Expensive	3 Somewhat expensive	4 Neither expensive nor inexpensive	5 Somewhat inexpensive	6 Inexpensive	7 Very inexpensive	Obs	MOSE
tr037: how expensive private vehicle	13.0	25.3	32.5	18.2	7.0	2.5	1.5	1481	+/- 3

### tr038: How enjoyable is it to use a private vehicle?

	1 Very unenjoyable	2 Unenjoyable	3 Somewhat unenjoyable	4 Neither unenjoyable nor enjoyable	5 Somewhat enjoyable	6 Enjoyable	7 Very enjoyable	Obs	MOSE
tr038: how enjoyable private vehicle	5.7	2.9	5.5	14.8	17.0	28.0	26.0	1480	+/- 3

### tr039: How safe are you from harassment or crime while riding or waiting for the bus?

	1 Very unsafe	2 Unsafe	3 Somewhat unsafe	4 Neither unsafe nor safe	5 Somewhat safe	6 Safe	7 Very safe	Obs	MOSE
tr039: how safe public bus	12.1	18.9	29.1	19.1	13.3	5.6	2.1	1479	+/- 3



tr046: how convenient personal or leisure trips Metro light rail/subway	14.8	18.3	16.5	21.9	18.8	7.5	2.3	1478	+/- 3
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**tr047: How expensive is it to use the Metro?**

	1 Very expensive	2 Expensive	3 Somewhat expensive	4 Neither expensive nor inexpensive	5 Somewhat inexpensive	6 Inexpensive	7 Very inexpensive	Obs	MOSE
tr047: how expensive Metro light rail/subway	3.2	3.7	14.2	28.0	20.0	22.8	8.1	1478	+/- 3

**tr048: How enjoyable is it to use the Metro?**

	1 Very unenjoyable	2 Unenjoyable	3 Somewhat unenjoyable	4 Neither unenjoyable nor enjoyable	5 Somewhat enjoyable	6 Enjoyable	7 Very enjoyable	Obs	MOSE
tr048: how enjoyable Metro light rail/subway	11.5	17.3	16.7	29.8	19.1	4.3	1.3	1478	+/- 3

**tr049: How safe are you from harassment or crime in a ride-hailing vehicle?**

	1 Very unsafe	2 Unsafe	3 Somewhat unsafe	4 Neither unsafe nor safe	5 Somewhat safe	6 Safe	7 Very safe	Obs	MOSE
tr049: how safe ride-hailing service (Uber, Lyft, etc.)	5.6	8.9	15.9	23.9	25.4	17.7	2.6	1479	+/- 3

**tr050: 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	2 Inconvenient	3 Somewhat inconvenient	4 Neither inconvenient nor convenient	5 Somewhat convenient	6 Convenient	7 Very convenient	Obs	MOSE
tr050: how convenient work or school trips ride-hailing service (Uber, Lyft, etc.)	4.1	6.5	8.8	21.3	27.1	23.6	8.6	1478	+/- 3

**tr051: 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	2 Inconvenient	3 Somewhat inconvenient	4 Neither inconvenient nor convenient	5 Somewhat convenient	6 Convenient	7 Very convenient	Obs	MOSE
tr051: how convenient personal or leisure trips ride-hailing service (Uber, Lyft, etc.)	3.6	6.8	8.7	20.6	25.3	23.5	11.4	1479	+/- 3

**tr052: How expensive is it to use a ride-hailing service?**

	1 Very expensive	2 Expensive	3 Somewhat expensive	4 Neither expensive nor inexpensive	5 Somewhat inexpensive	6 Inexpensive	7 Very inexpensive	Obs	MOSE
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tr052: how expensive ride-hailing service (Uber, Lyft, etc.)	18.4	29.7	25.8	19.8	3.9	1.3	1.1	1477	+/- 3
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**tr053: How enjoyable is it to use a ride-hailing service?**

	1 Very unenjoyable	2 Unenjoyable	3 Somewhat unenjoyable	4 Neither unenjoyable nor enjoyable	5 Somewhat enjoyable	6 Enjoyable	7 Very enjoyable	Obs	MOSE
tr053: how enjoyable ride-hailing service (Uber, Lyft, etc.)	3.9	5.4	11.9	43.1	22.5	12.0	1.2	1477	+/- 3

**tr054: About how far from your home is the nearest useful bus stop?**

	1 5 minute walk (about 1/4 of a mile)	2 10-15 minute walk (about a half mile to less than a mile)	3 20-30 minute walk (about a mile to two miles)	4 Greater than 30 minute walk (more than 2 miles)	5 I dont know how far the nearest useful bus stop is	Obs	MOSE
tr054: how far home from nearest useful bus stop	59.4	27.2	4.2	1.6	7.6	1477	+/- 3

**tr055: About how far from your home is the nearest useful Metro light rail/subway station?**

	1 5 minute walk (about 1/4 of a mile)	2 10-15 minute walk (about a half mile to less than a mile)	3 20-30 minute walk (about a mile to two miles)	4 Greater than 30 minute walk (more than 2 miles)	5 I dont know how far the nearest useful Metro station is	Obs	MOSE
tr055: how far home from nearest useful metro station	9.4	18.2	20.8	37.4	14.3	1476	+/- 3

**tr055: About how far from your home is the nearest useful Metro light rail/subway station?**

	1 5 minute walk (about 1/4 of a mile)	2 10-15 minute walk (about a half mile to less than a mile)	3 20-30 minute walk (about a mile to two miles)	4 Greater than 30 minute walk (more than 2 miles)	5 I dont know how far the nearest useful Metro station is	Obs	MOSE
tr055: how far home from nearest useful metro station	9.4	18.2	20.8	37.4	14.3	1476	+/- 3

### 3.Car Ownership

**tr061: How many private vehicles (cars, vans, trucks, or SUVs) in working condition does your household currently own or lease?**

	0	1	2	3	4	5	6	7+	Obs	MOSE
tr061: how many private vehicles own or lease	7.5	33.8	38.4	12.7	4.8	1.5	0.5	0.7	1474	+/- 3

**tr062: Why doesn't your household currently own or lease a car, van, truck, or SUV in working condition? [if no car]**

	No	Yes	Obs	MOSE
tr062s1: Too expensive	26.9	73.1	94	+/- 10
tr062s2: Vehicle(s) need(s) repairs	86.7	13.3	94	+/- 10
tr062s3: Dont have a valid drivers license	75.4	24.6	94	+/- 10
tr062s4: Prefer to use other modes of transportation	81.7	18.3	94	+/- 10
tr062s5: Lack of available parking	90.7	9.3	94	+/- 10
tr062s6: Ethical/environmental concerns	95.2	4.8	94	+/- 10
tr062s7: Other. Please specify: tr062_other	87.6	12.4	94	+/- 10

**tr063: In the last 12 months, did you use a household vehicle (car, van, truck, SUV) to transport people or goods for pay?**

	1 Yes	2 No	Obs	MOSE
tr063: use vehicle in last year	9.0	91.0	1476	+/- 3

**tr064: 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	2 Unlikely	3 Somewhat unlikely	4 Neither likely nor unlikely	5 Somewhat likely	6 Likely	7 Very likely	Obs	MOSE
tr064: how likely buy vehicle	41.1	20.5	9.9	10.6	9.3	4.7	3.9	1478	+/- 3

**tr065: Please rate how difficult or easy it usually is to find street parking in your neighborhood**

	1 Difficult	2 Somewhat difficult	3 Neither difficult nor easy	4 Somewhat easy	5 Easy	6 I dont know/ not applicable	Obs	MOSE
tr065: how difficult find street parking	18.6	20.2	13.4	15.3	29.5	3.0	1477	+/- 3

**tr066\_spaces: Number of garage, carport, lot, or driveway parking spaces included with primary residence**

	0	1	2	3	4	5	6	7+	Obs	MOSE
tr066_spaces: how many parking spaces with current residence	14.0	28.8	28.8	10.6	9.2	2.7	2.6	3.3	1465	+/- 3

**tr066\_permits: Number of on-street parking permits**

	0	1	2	3	4	5	6	7+	Obs	MOSE
tr066_permits: how many parking permits with current residence	77.6	7.5	7.3	2.4	1.3	0.9	0.2	2.8	1463	+/- 3

**tr090: Do you currently own or lease any the following cars?**

	<b>1 Yes</b>	<b>2 No</b>	<b>Obs</b>	<b>MOSE</b>
tr090a: Electric car	7.3	92.7	1468	+/- 3
tr090b: Hydrogen car	1.2	98.8	1468	+/- 3
tr090c: Hybrid car	11.6	88.4	1470	+/- 3

**tr091: How likely is it that the next car you purchase or lease will be a hybrid, electric, or hydrogen car [If does not own/lease a hybrid, electric, or hydrogen car]?**

	<b>1 Very unlikely</b>	<b>2 Unlikely</b>	<b>3 Somewhat unlikely</b>	<b>4 Somewhat likely</b>	<b>5 Likely</b>	<b>6 Very likely</b>	<b>7 Not applicable - I do not plan to purchase or lease another car</b>	<b>Obs</b>	<b>MOSE</b>
tr091: how likely next car purchase or lease will be hybrid, electric, or hydrogen car	17.6	10.9	8.9	18.1	11.1	19.3	14.2	1469	+/- 3

**tr092: How often do you charge your electric car at a public charging station? [if own/lease EV]**

	<b>1 Never</b>	<b>2 Less than once a month</b>	<b>3 Once a month</b>	<b>4 2-3 times a month</b>	<b>5 Once a week</b>	<b>6 2-3 times a week</b>	<b>7 Almost every day</b>	<b>8 Every day</b>	<b>Obs</b>	<b>MOSE</b>
tr092: how often charge electric car at public charging station	21.8	35.6	7.1	6.8	11.5	10.3	4.5	2.3	115	+/- 9

**tr093: Where do you charge your electric car most often [if own/lease EV]?**

	<b>1 At home</b>	<b>2 At work</b>	<b>3 At a public station</b>	<b>Obs</b>	<b>MOSE</b>
tr093: where charge electric car most often	70.3	12.6	17.1	115	+/- 9

**tr094: What time of day do you typically charge your electric car [if own/lease EV]?**

	<b>1 Morning</b>	<b>2 Afternoon</b>	<b>3 Evening</b>	<b>4 Overnight</b>	<b>Obs</b>	<b>MOSE</b>
tr094: what time of day typically charge electric car	15.6	18.1	17.6	48.7	115	+/- 9

## 4.Home and Neighborhood Amenities

### pu001: In what type of housing do you currently live?

	1 Single-family home	2 Condo or townhome or duplex	3 Apartment, guest house, or dorm	4 Mobile home/trailer	5 Hotel or motel	6 Permanent supportive housing	7 I dont currently have housing (e.g. live in a car, shelter, on the street)	8 Other, please specify: pu001_other	Obs	MOSE
pu001: type of home currently living	52.7	14.5	29.1	1.7	0.3	0.3	0.2	1.2	1477	+/- 3

### pu002: Does your household rent, lease, or own the housing in which you currently live [if moved]?

	1 Rent or lease	2 Own	3 No one in my household pays rent or owns it	Obs	MOSE
pu002: currently rent or own	65.1	32.2	2.7	273	+/- 6

### ne001b: How long has it been since you had housing? [if no current housing]

	1 Less than 6 months	2 6-11 months	3 1-2 years	Obs	MOSE
ne001b: how long since had housing	35.2	42.7	22.1	5	+/- 44

### ht001: Which of the following do you have in your current residence, in working order? [if has housing]

	1 Yes	2 No	3 Unsure	Obs	MOSE
ht001a: Central air conditioning	57.4	41.3	1.4	1466	+/- 3
ht001b: Other type of air conditioner (window, portable, etc.)	52.3	46.4	1.4	1464	+/- 3
ht001c: Fan (window, ceiling, portable, etc.)	81.7	17.2	1.1	1464	+/- 3
ht001d: Forced heating system (heat coming from vents in the wall or floor)	61.8	36.1	2.1	1466	+/- 3
ht001e: Other type of heater (portable, floor heating, etc.)	51.6	45.6	2.7	1463	+/- 3
ht001f: Gas stove	85.2	13.1	1.7	1467	+/- 3
ht001g: Electric stove	18.0	80.0	2.1	1463	+/- 3
ht001h: Induction stove	7.1	86.7	6.2	1465	+/- 3
ht001i: Working vent or range hood over stove	72.0	25.1	2.9	1466	+/- 3

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

	1 Agree strongly	2 Agree	3 Agree somewhat	4 Neither agree nor disagree	5 Disagree somewhat	6 Disagree	7 Disagree strongly	8	Obs	MOSE
ht006a: enough trees in my neighborhood to provide adequate shade	10.4	22.9	23.0	11.8	12.7	12.7	6.4	0.0	1475	+/- 3
ht006b: bus and/or Metro stops in neighborhood are well-shaded	2.2	10.0	12.5	20.5	13.8	19.5	13.3	8.1	1474	+/- 3

**ht007: In the past 12 months, have you visited any of the following places for the sole purpose of trying to cool down or get out of the heat?**

	<b>1 Yes</b>	<b>2 No</b>	<b>3 Unsure</b>	<b>Obs</b>	<b>MOSE</b>
ht007a: Mall or store	27.3	70.7	1.9	1472	+/- 3
ht007b: Library	12.2	86.6	1.2	1473	+/- 3
ht007c: Community center	5.4	93.4	1.2	1472	+/- 3
ht007d: Senior center	3.3	95.3	1.4	1472	+/- 3
ht007e: Indoor recreation center	7.1	91.5	1.5	1472	+/- 3
ht007f: Park or other outdoor recreational space	24.0	74.7	1.2	1472	+/- 3
ht007g: Home of a friend, neighbor, or family member	23.5	75.1	1.4	1474	+/- 3
ht007h: Restaurant, food court, or caf	30.2	68.7	1.1	1473	+/- 3
ht007i: Community pool or beach or splash pad	15.3	83.2	1.5	1473	+/- 3
ht007j: other place for shade	2.2	93.2	4.6	1167	+/- 3
ht007k: City or county cooling center	2.8	96.2	1.0	1473	+/- 3

**ht008: Does your home get uncomfortably hot during heat waves?**

	<b>1 Yes</b>	<b>2 No</b>	<b>3 I dont know</b>	<b>Obs</b>	<b>MOSE</b>
ht008: home get uncomfortably hot during heat waves	50.0	46.6	3.4	1476	+/- 3

**ht017: In the past 12 months, have you visited any of the following places for the sole purpose of trying to warm up or get out of the cold?**

	<b>1 Yes</b>	<b>2 No</b>	<b>3 Unsure</b>	<b>Obs</b>	<b>MOSE</b>
ht017a: cold Mall or store	11.7	86.8	1.5	1473	+/- 3
ht017b: cold Library	5.0	94.0	0.9	1473	+/- 3
ht017c: cold Community center	2.3	96.6	1.1	1474	+/- 3
ht017e: cold Indoor recreation center	3.3	95.0	1.7	1472	+/- 3
ht017d: cold Senior center	1.7	96.8	1.5	1474	+/- 3
ht017f: cold Home of a friend, neighbor, or family member	12.1	86.1	1.8	1474	+/- 3
ht017g: cold Restaurant, food court, or caf	14.1	84.4	1.6	1473	+/- 3
ht017h: other place for warmth	0.8	95.3	3.9	1197	+/- 3

**ht018: Does your home get uncomfortably cold in the winter, perhaps at night or early in the morning?**

	<b>1 Yes</b>	<b>2 No</b>	<b>3 I dont know</b>	<b>Obs</b>	<b>MOSE</b>
ht018: home get uncomfortably cold in the winter, perhaps at night or early in the morn	43.1	54.9	1.9	1475	+/- 3

## 5.Work

### **wc001a: Which statement best reflects your current employment status? [if employment status changed]**

	No	Yes	Obs	MOSE
wc001as1: Working	68.8	31.2	682	+/- 4
wc001as2: Temporarily laid off from my job	97.9	2.1	682	+/- 4
wc001as3: On sick leave or other leave from my job	98.7	1.3	682	+/- 4
wc001as4: Unemployed and looking for work	85.8	14.2	682	+/- 4
wc001as5: Unemployed and not looking for work	92.7	7.3	682	+/- 4
wc001as6: Retired	65.5	34.5	682	+/- 4
wc001as7: Student	95.3	4.7	682	+/- 4
wc001as8: None of these, please specify: wc001a_other	91.1	8.9	682	+/- 4

### **wc002: In a typical week, how many days do you work in your primary job? [if working]**

	0	1	2	3	4	5	6	7	Obs	MOSE
wc002: typical week, how many days work in primary job	1.5	1.6	4.0	7.5	9.0	66.6	6.3	3.5	970	+/- 3

### **ht016: Which of the following conditions do you work in for your primary job? [if working]**

	1 Yes	2 No	Obs	MOSE
ht016a: Outdoors, covered by a structure (like a tent, open shed, booth)	9.3	90.7	967	+/- 3
ht016b: Outdoors, with no cover (exposed to all weather conditions)	13.0	87.0	966	+/- 3
ht016c: Indoors, inside a building	86.7	13.3	968	+/- 3
ht016d: In a closed vehicle (like a car)	13.2	86.8	968	+/- 3
ht016e: In an open vehicle (like a tractor)	3.7	96.3	967	+/- 3

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

	1 Yes	2 No	3 Unsure	Obs	MOSE
ht009a: Windows that can be opened	62.3	36.5	1.1	868	+/- 3
ht009b: Central air conditioning	80.5	17.8	1.7	867	+/- 3
ht009c: Other type of air conditioner (window, portable, etc.)	38.9	57.8	3.2	867	+/- 3
ht009d: Forced heating system (heat coming from vents in the wall or floor)	67.9	27.6	4.5	868	+/- 3
ht009e: Other type of heater (portable, floor heating, etc.)	36.3	59.9	3.9	868	+/- 3
ht009f: Fan	59.4	37.5	3.0	868	+/- 3
ht009_2a: Additional break time to rest or cool down	51.7	42.3	6.0	867	+/- 3
ht009_2b: Access to drinking water	94.1	5.1	0.7	867	+/- 3
ht009_2c: Regular reminders to drink water	37.9	57.4	4.7	868	+/- 3
ht009_2d: Close monitoring for signs of heat illness	22.8	71.2	6.0	867	+/- 3
ht009_2e: Air conditioning	89.4	9.2	1.4	868	+/- 3
ht009_2f: Misting machine	8.0	88.1	3.9	868	+/- 3
ht009_2g: Cooling vest	7.1	89.3	3.6	868	+/- 3
ht009_2h: Water-cooled suit or hood	7.9	88.0	4.1	867	+/- 3
ht009_2i: Air-cooled suit or hood	6.3	89.1	4.6	867	+/- 3
ht009_2j: Portable cooling device (e.g. portable air conditioner or fan)	29.9	66.3	3.9	868	+/- 3
ht009_2k: Open windows	54.2	43.5	2.3	868	+/- 3
ht009_2l: Ceiling fans	37.0	61.4	1.6	868	+/- 3

**ht009\_2: On extremely hot days, are any of the following available to you at your indoor place(s) of work? [if working indoors]**

	1 Yes	2 No	3 Unsure	Obs	MOSE
ht009_2a: Additional break time to rest or cool down	51.7	42.3	6.0	867	+/- 3
ht009_2b: Access to drinking water	94.1	5.1	0.7	867	+/- 3
ht009_2c: Regular reminders to drink water	37.9	57.4	4.7	868	+/- 3
ht009_2d: Close monitoring for signs of heat illness	22.8	71.2	6.0	867	+/- 3
ht009_2e: Air conditioning	89.4	9.2	1.4	868	+/- 3
ht009_2f: Misting machine	8.0	88.1	3.9	868	+/- 3
ht009_2g: Cooling vest	7.1	89.3	3.6	868	+/- 3
ht009_2h: Water-cooled suit or hood	7.9	88.0	4.1	867	+/- 3
ht009_2i: Air-cooled suit or hood	6.3	89.1	4.6	867	+/- 3
ht009_2j: Portable cooling device (e.g. portable air conditioner or fan)	29.9	66.3	3.9	868	+/- 3
ht009_2k: Open windows	54.2	43.5	2.3	868	+/- 3
ht009_2l: Ceiling fans	37.0	61.4	1.6	868	+/- 3

**ht010: For about how many hours in a typical week are you required to work outdoors for your job? [if working outdoors]**

	1	2 Less than 1 hour	3 1-2 hours	4 3-5 hours	5 6-10 hours	6 11-15 hours	7 16-20 hours	8 21-25 hours	9 26-30 hours	10 31-35 hours	11 36-40 hours	Obs	MOSE
ht010: number of hours required to be outdoors	16.9	11.8	16.7	20.1	2.2	7.3	3.7	1.4	1.8	14.3	3.7	147	+/- 8

**ht011: Are any of the following provided to you at your outdoor place(s) of work? [if working outdoors]**

	1 Yes	2 No	3 Unsure	Obs	MOSE
ht011c: Sun protective clothing	34.7	64.8	0.5	147	+/- 8
ht011d: Sunscreen	35.5	64.0	0.5	147	+/- 8
ht011e: Hat	49.3	50.3	0.3	147	+/- 8
ht011f: Sunglasses	41.9	57.6	0.5	147	+/- 8
ht011g: Shade from the sun	49.3	47.1	3.6	147	+/- 8
ht011h: Portable fan	20.4	78.8	0.7	147	+/- 8
ht011i: Portable air conditioner	15.0	84.0	0.9	147	+/- 8
ht011j: Portable heater	13.3	84.1	2.6	147	+/- 8

**ht019: On extremely hot days, are any of the following available to you at your outdoor place(s) of work? [if working outdoors]**

	1 Yes	2 No	3 Unsure	Obs	MOSE
ht019a: Additional break time to rest or cool down	59.1	31.2	9.7	147	+/- 8
ht019b: Access to drinking water	86.4	11.3	2.3	147	+/- 8
ht019c: Regular reminders to drink water	55.5	38.4	6.1	147	+/- 8
ht019d: Close monitoring for signs of heat illness	37.1	53.5	9.5	146	+/- 8
ht019e: An outdoor shade structure	57.8	38.0	4.2	147	+/- 8
ht019f: Access to indoor air conditioning	57.1	37.0	5.9	147	+/- 8
ht019g: Misting machine	16.3	81.8	1.9	146	+/- 8
ht019h: Cooling vest	16.0	81.4	2.6	147	+/- 8
ht019i: Water-cooled suit or hood	16.1	81.6	2.3	147	+/- 8
ht019j: Air-cooled suit or hood	15.9	80.5	3.6	147	+/- 8
ht019k: Portable cooling device (e.g. portable air conditioner or fan)	25.6	70.8	3.6	147	+/- 8

**wc004: Does your employer have a commuter benefit program? [if working]**

	1 Yes	2 No	3 I dont know	4 I dont have an employer	Obs	MOSE
wc004: employer have a commuter benefit program	13.6	60.2	21.4	4.8	969	+/- 3

**wc005: Are you enrolled in the commuter benefit program provided by your employer? [if working]**

	1 Yes	2 No	3 Unsure	Obs	MOSE
wc005: enrolled in the commuter benefit program provided by employer	23.8	75.0	1.2	158	+/- 8



## 6. Health

### ht012: In the past 12 months, have you experienced any of the following symptoms due to heat exposure?

	1 Yes	2 No	3 Unsure	Obs	MOSE
ht012a: High body temperature (103 F or higher)	5.1	91.2	3.6	1468	+/- 3
ht012b: Hot, red, dry, or damp skin	14.5	82.5	3.0	1469	+/- 3
ht012c: Cold, pale, and clammy skin	5.2	92.0	2.8	1467	+/- 3
ht012d: Fast, strong pulse	7.6	87.5	5.0	1467	+/- 3
ht012e: Fast, weak pulse	3.0	92.9	4.1	1464	+/- 3
ht012f: Headache	25.8	72.3	1.9	1468	+/- 3
ht012g: Dizziness	15.0	82.6	2.4	1469	+/- 3
ht012h: Nausea	9.8	88.2	2.0	1470	+/- 3
ht012i: Vomiting	3.6	94.6	1.8	1469	+/- 3
ht012j: Confusion	4.7	92.2	3.1	1469	+/- 3
ht012k: Passing out (fainting, losing consciousness)	1.6	96.4	2.0	1469	+/- 3
ht012l: Heavy sweating	19.3	78.1	2.6	1469	+/- 3
ht012m: Muscle pain or spasms	9.4	88.2	2.4	1468	+/- 3
ht012n: Tiredness or weakness	23.6	73.9	2.5	1471	+/- 3
ht012o: Sunburn (painful, red, and warm skin; blisters)	9.2	88.5	2.3	1470	+/- 3
ht012p: Heat rash (red clusters of small blisters that look like pimples)	4.9	93.4	1.7	1470	+/- 3

### ht020: Do you have trouble sleeping in your home on very hot nights or during heatwaves?

	1 Yes	2 No	3 Unsure	Obs	MOSE
ht020: have trouble sleeping in home on very hot nights or during heatwaves	38.9	58.9	2.2	1473	+/- 3

### pl001: In the past 12 months, have you taken any medication or used an inhaler for asthma to prevent symptoms?

	1 Yes	2 No	3 Unsure	Obs	MOSE
pl001: taken any medication or used an inhaler for asthma to prevent symptoms	8.5	90.7	0.8	1472	+/- 3

### pl002: Most times of the year, how safe do you consider the air quality in your home for breathing

	1 Very unsafe	2 Unsafe	3 Somewhat unsafe	4 Neither unsafe nor safe	5 Somewhat safe	6 Safe	7 Very safe	Obs	MOSE
pl002: how safe air quality in home for breathing	1.8	2.9	8.4	16.2	23.0	38.8	8.8	1473	+/- 3

**pl009: In the past 12 months, how often have you done the following at home?**

	1 Never	2 Less than once a month	3 1-3 times a month	4 Once a week	5 More than once a week	Obs	MOSE
pl009a: Monitor air quality with a device	77.7	6.5	3.7	4.4	7.7	1472	+/- 3
pl009b: Run an air purifier	63.0	7.4	8.3	4.0	17.4	1471	+/- 3
pl009c: Use a vent/exhaust while cooking and cleaning	30.8	7.1	9.5	10.7	41.9	1470	+/- 3
pl009d: Vacuum and/or clean rugs and carpets	18.1	6.8	20.0	28.4	26.6	1472	+/- 3
pl009e: Clean or replace the air filters in homes heating/cooling systems	38.2	46.5	10.8	1.8	2.8	1468	+/- 3
pl009f: Clean or replace the air filters in homes exhaust fans	53.0	34.3	9.1	1.6	1.9	1471	+/- 3
pl009g: Clean or replace the air filters in homes household appliances	46.1	37.9	11.2	2.6	2.2	1472	+/- 3

**pl003: Most times of the year, how safe do you consider the air quality in your neighborhood for breathing?**

	1 Very unsafe	2 Unsafe	3 Somewhat unsafe	4 Neither unsafe nor safe	5 Somewhat safe	6 Safe	7 Very safe	Obs	MOSE
pl003: how safe air quality in neighborhood for breathing	2.2	4.2	14.2	21.6	26.1	27.5	4.2	1473	+/- 3

**pl004: Most times of the year, how safe do you consider the quality of the tap water in your neighborhood for drinking?**

	1 Very unsafe	2 Unsafe	3 Somewhat unsafe	4 Neither unsafe nor safe	5 Somewhat safe	6 Safe	7 Very safe	Obs	MOSE
pl004: how safe water quality in neighborhood for drinking	5.7	8.8	15.4	23.7	20.5	20.8	5.1	1473	+/- 3

**pl008: 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 working]**

	1 Very unsafe	2 Unsafe	3 Somewhat unsafe	4 Neither unsafe nor safe	5 Somewhat safe	6 Safe	7 Very safe	Obs	MOSE
pl008: how safe air quality in places of work for breathing	1.6	2.8	10.9	23.4	27.1	28.8	5.4	967	+/- 3

**pl005: [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	2 No	3 I dont remember	Obs	MOSE
pl005: ever avoid going outside due to wildfire	19.1	73.9	7.0	1472	+/- 3

**pl006: [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	2 No	3 I dont remember	Obs	MOSE
pl006: ever avoid going outside not due to wildfire	13.1	80.9	6.0	1472	+/- 3

**pl007: [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?**

	<b>1 Yes. Please specify the place(s) you avoided: pl007_specify</b>	<b>2 No</b>	<b>3 I dont remember</b>	<b>Obs</b>	<b>MOSE</b>
pl007: ever avoid going specific place because of air quality	5.1	82.2	12.7	1472	+/- 3

**im001: [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.**

	<b>No</b>	<b>Yes</b>	<b>Obs</b>	<b>MOSE</b>
im001s1: Loss of income due to inability to work	97.6	2.4	1464	+/- 3
im001s2: Health problem(s)	96.6	3.4	1464	+/- 3
im001s3: Loss or destruction of property	98.6	1.4	1464	+/- 3
im001s4: Loss or destruction of possessions	98.8	1.2	1464	+/- 3
im001s5: Increased utility expenses	90.1	9.9	1464	+/- 3
im001s6: Temporary evacuation	99.7	0.3	1464	+/- 3
im001s7: Transportation challenges	96.6	3.4	1464	+/- 3
im001s8: None of the above	15.5	84.5	1464	+/- 3

**im004: What natural disaster(s) caused you to experience these problems [if experienced problems]**

	<b>No</b>	<b>Yes</b>	<b>Obs</b>	<b>MOSE</b>
im004s1: Wildfire	76.5	23.5	240	+/- 6
im004s2: Flooding	75.8	24.2	240	+/- 6
im004s3: Earthquake	83.3	16.7	240	+/- 6
im004s4: Landslide or mudslide	92.3	7.7	240	+/- 6
im004s5: High winds or wind storm	85.7	14.3	240	+/- 6
im004s6: Rainstorm	65.7	34.3	240	+/- 6
im004s7: Extreme heat	61.3	38.7	240	+/- 6
im004s8: Drought	87.1	12.9	240	+/- 6
im004s9: Hurricane	98.0	2.0	240	+/- 6
im004s10: Tsunami	99.7	0.3	240	+/- 6
im004s11: Other, please specify: im004_other	89.8	10.2	240	+/- 6

**im003: [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.**

	<b>No</b>	<b>Yes</b>	<b>Obs</b>	<b>MOSE</b>
im003s1: Anxiety	90.0	10.0	1467	+/- 3
im003s2: Depression	94.2	5.8	1467	+/- 3
im003s3: Prolonged fatigue	94.9	5.1	1467	+/- 3
im003s4: High stress	92.4	7.6	1467	+/- 3
im003s5: None of the above	15.9	84.1	1467	+/- 3

**im005: [In the past 12 months/Since /], what natural disaster(s) caused you to experience [Anxiety/Depression/Prolonged fatigue/High stress if experienced]**

	<b>No</b>	<b>Yes</b>	<b>Obs</b>	<b>MOSE</b>
im005s1: Wildfire	74.6	25.4	250	+/- 6
im005s2: Flooding	77.0	23.0	250	+/- 6
im005s3: Earthquake	68.6	31.4	250	+/- 6
im005s4: Landslide or mudslide	91.0	9.0	250	+/- 6
im005s5: High winds or wind storm	84.3	15.7	250	+/- 6
im005s6: Rainstorm	65.8	34.2	250	+/- 6
im005s7: Extreme heat	58.3	41.7	250	+/- 6
im005s8: Drought	85.2	14.8	250	+/- 6
im005s9: Hurricane	98.0	2.0	250	+/- 6
im005s10: Tsunami	97.1	2.9	250	+/- 6
im005s11: Other, please specify: im005_other	93.3	6.7	250	+/- 6

## 7. Behavior and Views

**st001: Please rate how strongly you agree or disagree with the following statements:**

	<b>1 Strongly disagree</b>	<b>2 Disagree</b>	<b>3 Somewhat disagree</b>	<b>4 Neither agree nor disagree</b>	<b>5 Somewhat agree</b>	<b>6 Agree</b>	<b>7 Strongly agree</b>	<b>Obs</b>	<b>MOSE</b>
st001a: Climate change is a threat to the well-being of residents in Los Angeles County	3.8	5.0	4.2	18.1	17.7	25.5	25.8	1469	+/- 3
st001b: Climate change is caused mostly by human activities	4.0	4.6	4.3	17.0	15.3	27.1	27.7	1470	+/- 3
st001c: My individual actions can make a difference in fighting climate change	5.5	6.7	7.4	20.9	25.3	21.5	12.7	1470	+/- 3
st001d: Local government is doing enough to fight climate change	14.2	18.8	16.8	31.1	10.3	5.6	3.2	1471	+/- 3

**st002: Which of the following do you have at your current residence?**

	<b>1 Yes</b>	<b>2 No</b>	<b>3 Unsure</b>	<b>Obs</b>	<b>MOSE</b>
st002a: Solar panels	13.2	84.9	1.9	1460	+/- 3
st002b: Solar water heater	2.3	94.5	3.3	1460	+/- 3
st002f: Low-flow plumbing fixtures	37.0	52.5	10.5	1461	+/- 3
st002g: Tankless water heater	12.6	76.9	10.5	1460	+/- 3
st002h: LED or CFL light bulbs	73.4	20.9	5.7	1461	+/- 3
st002i: Daylights (skylights, light shelves, light tubes, etc.)	20.9	73.5	5.6	1460	+/- 3
st002j: Ceiling fan	56.9	41.7	1.4	1461	+/- 3
st002k: Programmable (smart) thermostat	39.7	56.1	4.2	1461	+/- 3
st002l: Well-insulated windows and/or doors	54.6	36.2	9.2	1461	+/- 3
st002m: Energy-efficient appliances and/or electronics	62.9	28.5	8.7	1459	+/- 3
st002n: Water-efficient landscaping	33.6	53.4	13.0	1460	+/- 3
st002o: Electric vehicle charger	11.7	85.2	3.1	1461	+/- 3
st002p: Battery energy storage	6.6	87.0	6.4	1462	+/- 3
st002q: Electric heat pump	6.4	84.7	8.9	1462	+/- 3
st002r: Electric water heater	14.2	75.8	10.0	1461	+/- 3
st002s: Electric or heat pump clothes dryer	19.2	71.8	9.0	1461	+/- 3

**st003: Please rate how often you...**

	1 Never	2 Rarely	3 Sometimes	4 Often	5 Very often	Obs	MOSE
st003a: recycle	4.6	6.6	14.1	25.1	49.6	1469	+/- 3
st003b: compost	48.5	16.6	15.5	8.3	11.1	1467	+/- 3
st003c: limit your car usage	17.0	19.7	35.9	16.1	11.3	1467	+/- 3
st003d: limit your water usage	8.6	12.1	38.1	28.6	12.7	1469	+/- 3
st003e: limit your electricity usage	8.6	12.8	37.0	29.9	11.7	1470	+/- 3
st003f: limit your food waste	7.3	9.7	27.8	35.5	19.7	1469	+/- 3
st003g: limit or eliminate your consumption of meat	17.6	22.2	34.9	16.3	9.0	1468	+/- 3
st003h: buy or eat food grown in southern California	3.4	7.9	47.7	30.3	10.8	1462	+/- 3
st003i: buy or eat organic food	10.0	24.7	40.2	17.9	7.3	1465	+/- 3
st003k: buy or eat low- or un-processed food	6.8	18.1	41.4	23.6	10.1	1464	+/- 3
st003l: limit your use of food and products that come in a lot of packaging	7.8	22.9	44.4	18.8	6.1	1467	+/- 3
st003m: Limit your use of single-use/disposable plastic	7.1	20.0	38.6	24.6	9.7	1466	+/- 3
st003p: hang your clothes to dry instead of using the dryer	27.7	25.7	27.4	9.5	9.7	1467	+/- 3
st003q: limit your use of air conditioning, even when it is hot	12.4	17.0	37.1	18.2	15.3	1467	+/- 3

**ds001: How prepared do you think your household is for an earthquake or other natural disaster?**

	1 Not at all prepared	2 Slightly prepared	3 Moderately prepared	4 Very prepared	5 Extremely prepared	Obs	MOSE
ds001: how prepared for natural disaster	23.9	34.9	34.1	5.9	1.1	1468	+/- 3

**i\_001: What do you think are the two most important issues facing Los Angeles County at the moment?**

	No	Yes	Obs	MOSE
i_001s1: Crime	73.5	26.5	1493	+/- 3
i_001s2: Increasing prices/inflation	68.1	31.9	1493	+/- 3
i_001s3: Racial injustice	98.1	1.9	1493	+/- 3
i_001s4: Unemployment	95.5	4.5	1493	+/- 3
i_001s5: Housing affordability and availability	60.1	39.9	1493	+/- 3
i_001s6: Homelessness	42.0	58.0	1493	+/- 3
i_001s7: Terrorism	99.7	0.3	1493	+/- 3
i_001s8: Fiscal policy (taxation, government spending and debt)	94.5	5.5	1493	+/- 3
i_001s9: Immigration	91.3	8.7	1493	+/- 3
i_001s10: Health/healthcare	94.3	5.7	1493	+/- 3
i_001s11: The education system	95.1	4.9	1493	+/- 3
i_001s12: Abortion and reproductive health	98.9	1.1	1493	+/- 3
i_001s13: The environment and climate change	95.5	4.5	1493	+/- 3
i_001s14: The Covid-19 pandemic	99.3	0.7	1493	+/- 3
i_001s15: The international situation	99.3	0.7	1493	+/- 3
i_001s16: Public transportation/infrastructure	95.9	4.1	1493	+/- 3
i_001s17: Other, please specify: i_001_other	98.9	1.1	1493	+/- 3

**cs\_001: Could you tell us how interesting or uninteresting you found the questions in this survey?**

	1 Very interesting	2 Interesting	3 Neither interesting nor uninteresting	4 Uninteresting	5 Very uninteresting	Obs	MOSE
cs_001: HOW PLEASANT INTERVIEW	41.3	38.3	17.9	0.9	1.7	1470	+/- 3