UnderStandingAmericaStudy

LABarometer Longitudinal Dataset Description & Codebook

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1. INTRODUCTION

This document describes the LABarometer (LAB) Longitudinal Dataset of the Understanding America Study (UAS), which was created at the University of Southern California's Center for Economic and Social Research (CESR). Support for this data collection was provided by MUFG Union Bank and CESR. The LAB is a biannual (formerly quarterly) internet-based survey of approximately 1,800 Los Angeles County residents. The survey monitors social conditions and attitudes related to livability, mobility, sustainability, and affordability in Los Angeles County. This project was reviewed and approved by the USC IRB (UP-14-00148).

LAB participants are members of the UAS internet panel (https://uasdata.usc.edu) who reside in Los Angeles County. The UAS is a nationally representative panel of American households randomly recruited from United States Postal Service delivery sequence files. UAS members are adults aged 18 or older who agree to answer surveys, on average, once or twice monthly via an online interface.

The UAS LAB Longitudinal Dataset includes the first and second waves of LAB surveys, or eight surveys total, fielded from July 19, 2019, to January 9, 2022. Each survey wave comprises four LAB surveys, fielded three to six months apart: Livability, Mobility, Sustainability, and Affordability.[1] Participants were invited to complete LAB surveys due to their residency in Los Angeles County. Participants who responded to at least one question of one of the surveys fielded by LAB are included in the LAB Longitudinal Dataset.

The LAB Longitudinal Dataset can be linked with any UAS survey not already included. How to perform that linkage is described later in this document. Available data from the UAS LAB is listed on the UAS LAB page. An updated listing of all available UAS data sets is available on the UAS All Surveys page.

Please send all questions about the data set or this data description to uas-l@mymaillists.usc.edu.

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[1]In its third wave, LABarometer moved to a biannual survey frequency. Four surveys were combined and reduced in size to two surveys: Livability & Affordability, Mobility & Sustainability. The third wave will be added to the UAS LAB Longitudinal Dataset in Spring 2023.

2. OVERVIEW OF THE UAS LAB LONGITUDINAL DATASET

2.1 UAS Input Files

The LAB Longitudinal Dataset consists of survey responses to two waves of LAB surveys. The dataset is structured based on survey wave. A "wave" consists of a full sequence of all four LAB surveys (Livability, Mobility, Sustainability, and Affordability). The dataset is constructed as a participant – wave level dataset. Each row corresponds to a wave where a participant contributed survey responses to at least one survey that was part of that wave.

In each participant – wave row are survey responses to each survey question fielded in that wave. Which survey a question was part of is indicated by a suffix at the end of the variable. The suffix _liv indicates that the question was asked as part of the Livability survey, the suffix _mob indicates that the question was asked as part of the Mobility survey, the suffix _sus indicates that they question was asked as part of the Sustainability survey, and the suffix _aff indicates that the question was asked as part of the Affordability survey.

The LAB Longitudinal Dataset contains 3,450 observations (participant – waves). Response rates and observations for each individual survey included in the dataset can be found below:

Table 1: Response Rates for Surveys in the LAB Longitudinal Dataset

Survey	Wave	Response Rate	Obs.
Livability (UAS 194)	1	78.63%	1440
Mobility (UAS 219)	1	76.00%	1394
Sustainability (UAS 286)	1	74.74%	1421
Affordability (UAS 312)	1	74.16%	1326
Livability (UAS 320)	2	79.36%	1386
Mobility (UAS 379)	2	78.05%	1345
Sustainability (UAS 403)	2	73.52%	1256
Affordability (UAS 363)	2	74.73%	1250

In addition to responses to LAB surveys, each participant – prompt row contains participant information related to the timing and date of the LAB survey and demographic and other variables taken from the respondent's latest MyHousehold survey that was completed prior to

the corresponding LAB survey. Information on demographic variables included in the dataset can be found in the MyHousehold Codebook.[2] Demographic and other variables taken from the MyHoushold Survey are time-varying across both surveys and waves.

2.2 Obtaining the UAS LAB Longitudinal Dataset

The UAS LAB Longitudinal Dataset is available for download in STATA format from the UAS website. If you would like the data in a different format, such as SAS, please email your request to uas-l@mymaillists.usc.edu.

Before accessing the UAS LAB Longitudinal Dataset or other UAS data, one must first obtain permission by registering on the UAS site to download the UAS public release files. Registering with UAS is considered agreeing to the "conditions of use" governing access and usage of the data.

2.3 Merging with other UAS Data Sets

Each UAS file is merged with other files using the unique person identifier variable, *uasid*. This variable, assigned to a participant at recruitment into the UAS panel, stays fixed for each survey taken. For more information about default identification variables included in each survey, such as household identifier, *uashhid*, please visit the UAS standard variables page.

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[2] The My Household survey is administered quarterly to all participants. To provide background information about the participant and household, the survey asks about key demographics, including age, ethnicity, education, marital status, work status, state of residence, and family structure.

3. VARIABLES

For the purposes of this codebook, variables are grouped into three content groups: (1) identifying and metadata variables and (2) participant answers to the corresponding LAB survey questions and (3) demographic variables taken from the most recent MyHousehold Survey the respondent completed prior to the corresponding LAB survey (further information on demographic variables can be found in the MyHousehold Codebook).

Some variables have undergone changes between the administration of LAB survey waves. In the tables that follow, superscripts next to variable names indicate a change in the administration, question wording, or response choices between waves. Each superscript present in the table is explained at the bottom of the table.

3.1 Identifying and Metadata Variables

3.1.1 UAS Standard Identifying Variables

Three identifier variables are included in the UAS LAB Longitudinal Dataset that are standard UAS Standard Variables. 1) Each participant is uniquely identified with uasid. The uasid is assigned to a participant at recruitment into the UAS panel, stays fixed across surveys and is the key for linking this dataset to any other UAS file. 2) Households are identified with uashhid (original household identifier), which also stays fixed, and 3) survhhid (survey-specific identifier), uniquely identifies the household a panel member belongs to at the time of a given survey, and thus can change for participants if they change households (e.g. after divorce).

3.1.2 UAS Standard Metadata Variables

The UAS LAB Longitudinal Dataset contains variables describing when the corresponding LAB survey was started and ended (start_date, end_date, start_year, end_year, etc.). Versions of these variables with affixed with the suffix to indicate which LAB survey they correspond to.

3.1.3 LAB Metadata Variables

Beyond standard UAS identifying and metadata variables, the LAB Longitudinal Dataset contains metadata related specifically to the LABarometer panel. There are four "flag" variables that indicate whether the participant answered that survey type in the corresponding wave. Additionally, there are four "panel" variables that range, indicating how many of that survey type the individual has completed during their entire time in the panel.

Table 1: LAB Metadata Variables and labels

Variable Name	Variable Label
uasid	Individual identifier

wave	Survey wave
livflag	Flag: Livability survey
mobflag	Flag: Mobility survey
susflag	Flag: Sustainability & Resilience survey
affflag	Flag: Affordability & Prosperity survey
panel_liv	Livability survey panel
panel_mob	Mobility survey panel
panel_sus	Sustainability survey panel
panel_aff	Affordability survey panel
uashhid	Original household identifier
batch	Recruiting Batch
primary_respondent	Primary respondent or not

3.2 LAB Survey Variables

3.2.1 Livability Survey

The LABarometer Livability Survey asks participants to assess the quality of life in their neighborhood within Los Angeles County. The survey asks residents about their happiness, health, safety, social connection, and their access to goods and services. The first Livability Survey was fielded from July 19, 2019 to September 30, 2019. The second wave of the survey was fielded from November 9, 2020 to January 7, 2021. Keywords for specific topics covered in the survey are listed below:

Keywords: Housing, life satisfaction, stress, neighborhood, crime, employment, social, location, health, financial, confidence, leisure, family, legal, safety, security, organization, tenure, satisfaction, transportation, amenities, green, clean, cost, future, friend, volunteer, religion, length, public, park, quality, traffic, noise, disorder, affordability, cohesion, rent, proximity, own, trust, amenities, school, foreclosure, and eviction.

Table 2: LAB Livability Survey Variables

Variable Name	Variable Label	Keywords
ls000_liv	currently live in Los Angeles County, livability	HOUSING LOCATION
ls002a_liv	My health is excellent, livability	LIFE SATISFACTION

		HEALTH
ls002b_liv	I am satisfied with my financial situation, livability	LIFE SATISFACTION FINANCIAL
ls002c_liv	I am satisfied with my social life, livability	LIFE SATISFACTION SOCIAL
ls002d_liv	I feel self-confident, livability	LIFE SATISFACTION CONFIDENCE
ls002e_liv	I am satisfied with the amount of free time I have, livability	LIFE SATISFACTION LEISURE
ls002f_liv	I am satisfied with my job or other daily activities, livability	LIFE SATISFACTION EMPLOYMENT
ls002g_liv	I am satisfied with my family life, livability	LIFE SATISFACTION FAMILY
fe001a_liv	unable to control the important things in your life, livability	STRESS
fe001b_liv	felt confident about your ability to handle your personal problems, livability	STRESS
fe001c_liv	felt that things were going your way, livability	STRESS
fe001d_liv	felt difficulties were piling up so high that you could not overcome them, livab	STRESS
fe002s1_liv	Life events: I suffered the onset of a serious illness	STRESS HEALTH
fe002s2_liv	Life events: I was injured or assaulted	STRESS HEALTH
fe002s3_liv	Life events: A close relative suffered the onset of a serious illness	STRESS HEALTH SOCIAL
fe002s4_liv	Life events: A close relative was injured or assaulted	STRESS HEALTH SOCIAL
fe002s5_liv	Life events: There was a death of someone close to me	STRESS HEALTH SOCIAL
fe002s6_liv	Life events: I experienced the onset of serious relationship difficulties with a	STRESS SOCIAL
fe002s7_liv	Life events: I experienced the onset of a serious problem with a close friend or	STRESS SOCIAL
fe002s8_liv	Life events: I became unemployed, yet I wanted to be employed	STRESS EMPLOYMENT
fe002s9_liv	Life events: I retired from my job	STRESS EMPLOYMENT
fe002s10_liv	Life events: I made a decision to retire in the next 6 months	STRESS EMPLOYMENT
fe002s11_liv	Life events: I experienced the onset of a major financial setback or crisis	STRESS FINANCIAL
ls000_liv	currently live in Los Angeles County, livability	HOUSING LOCATION
ls002a_liv	My health is excellent, livability	LIFE SATISFACTION

		HEALTH
ls002b_liv	I am satisfied with my financial situation, livability	LIFE SATISFACTION FINANCIAL
ls002c_liv	I am satisfied with my social life, livability	LIFE SATISFACTION SOCIAL
ls002d_liv	I feel self-confident, livability	LIFE SATISFACTION CONFIDENCE
ls002e_liv[aa]	I am satisfied with the amount of free time I have, livability	LIFE SATISFACTION LEISURE
ls002f_liv	I am satisfied with my job or other daily activities, livability	LIFE SATISFACTION EMPLOYMENT
ls002g_liv	I am satisfied with my family life, livability	LIFE SATISFACTION FAMILY
fe001a_liv	unable to control the important things in your life, livability	STRESS
fe001b_liv	felt confident about your ability to handle your personal problems, livability	STRESS
fe001c_liv	felt that things were going your way, livability	STRESS
fe001d_liv	felt difficulties were piling up so high that you could not overcome them, livab	STRESS
fe002s1_liv	Life events: I suffered the onset of a serious illness	STRESS HEALTH
fe002s2_liv	Life events: I was injured or assaulted	
fe002s3_liv	Life events: A close relative suffered the onset of a serious illness	STRESS HEALTH SOCIAL
fe002s4_liv	Life events: A close relative was injured or assaulted	STRESS HEALTH SOCIAL
fe002s5_liv	Life events: There was a death of someone close to me	STRESS HEALTH SOCIAL
fe002s6_liv	Life events: I experienced the onset of serious relationship difficulties with a	STRESS SOCIAL
fe002s7_liv	Life events: I experienced the onset of a serious problem with a close friend or	STRESS SOCIAL
fe002s8_liv	Life events: I became unemployed, yet I wanted to be employed	STRESS EMPLOYMENT
fe002s9_liv	Life events: I retired from my job	STRESS EMPLOYMENT
fe002s10_liv	Life events: I made a decision to retire in the next 6 months	STRESS EMPLOYMENT
fe002s11_liv	Life events: I experienced the onset of a major financial setback or crisis	STRESS FINANCIAL
fe002s12_liv	Life events: I experienced the onset of a major legal problem	STRESS LEGAL
fe002s13_liv	Life events: None of the above	STRESS
fe002_liv	Life events: combined	STRESS

fe003_liv	How safe walking alone in the neighborhood - day	NEIGHBORHOOD SAFETY
fe004_liv	How safe walking alone in the neighborhood - night	NEIGHBORHOOD SAFETY
fe005s1_liv	Yes, I witnessed a violent crime	CRIME
fe005s2_liv	Yes, I witnessed a property crime	CRIME
fe005s3_liv	Yes, I was the victim of a violent crime	CRIME
fe005s4_liv	Yes, I was the victim of a property crime	CRIME
fe005s5_liv	No, I have not witnessed or been the victim of a violent or property crime	CRIME
fe005_liv	witnessed or been the victim of a violent or property crime	CRIME
ex001_liv	chances are that will lose main job in the next year	EMPLOYMENT SECURITY
ex002_liv	chances find a new job in the next year	EMPLOYMENT SECURITY
cm001_liv	how often chat or visit informally with neighbors	SOCIAL NEIGHBORHOOD
cm002_liv	how often neighbors help each other	SOCIAL NEIGHBORHOOD
cm003_liv	how often chat or visit informally with friends and/or relatives	SOCIAL FAMILY FRIEND
cm004_liv	how often friends/relatives help each other	SOCIAL FAMILY FRIEND
cm005a_liv	How often participate in neighborhood association	SOCIAL ORGANIZATION NEIGHBORHOOD
cm005b_liv	How often participate in charity or service work	SOCIAL ORGANIZATION VOLUNTEER
cm005c_liv	How often participate in religious organization	SOCIAL ORGANIZATION RELIGION
cm005d_liv	How often participate in recreational, social, or political organization	SOCIAL ORGANIZATION
ne001_liv[s]	how many year lived in neighborhood	NEIGHBORHOOD TENURE
ne002_liv	satisfied with neighborhood	NEIGHBORHOOD SATISFACTION
ne003a_liv	There are safe and convenient public transit options in my neighborhood.	NEIGHBORHOOD TRANSPORTATION PUBLIC
ne003b_liv	I am satisfied with the number and quality of businesses and services (grocery s	NEIGHBORHOOD AMENITIES
ne003c_liv	I am satisfied with the number and quality of parks and green spaces in my neigh	NEIGHBORHOOD GREEN

		PARK
ne003d_liv	My neighborhood is clean and the roads and sidewalks are in good condition.	NEIGHBORHOOD CLEAN QUALITY
ne003e_liv	There is a lot of traffic in or around my neighborhood.	NEIGHBORHOOD SOCIAL TRAFFIC
ne003f_liv	My neighborhood is noisy.	NEIGHBORHOOD SOCIAL NOISE
ne003g_liv	Vandalism is common in my neighborhood.	NEIGHBORHOOD SOCIAL DISORDER CRIME
ne003h_liv	My neighborhood is affordable for me.	NEIGHBORHOOD COST AFFORDABILITY
ne003i_liv	In my neighborhood, people watch out for each other.	TRUST
ne003j_liv	I can trust most people in my neighborhood.	NEIGHBORHOOD SOCIAL COHESION TRUST
ne003k_liv	There are too many people hanging around on the streets near my home.	NEIGHBORHOOD SOCIAL DISORDER
ne003l_liv	There is a lot of crime in my neighborhood.	NEIGHBORHOOD SOCIAL DISORDER CRIME
ne003m_liv	There is a lot of drug and alcohol use in my neighborhood.	NEIGHBORHOOD SOCIAL DISORDER CRIME
ne004_liv	What will happen to home prices in neighborhood year from now	NEIGHBORHOOD FUTURE COST
ne005_liv	rent or own current residence, livability	HOUSING TENURE RENT OWN
ne011_liv	plan to stay in or leave current residence next year	HOUSING FUTURE
ne012s1_liv[t]	Reasons to stay: Rent/mortgage is affordable	HOUSING FUTURE COST AFFORDABILITY
ne012s2_liv[t]	Reasons to stay: Rent control/rent stabilization ordinance	HOUSING FUTURE

		COST AFFORDABILITY
ne012s3_liv[t]	Reasons to stay: I like the physical features of my house/apartment (size, inter	HOUSING FUTURE QUALITY
ne012s4_liv[t]	Reasons to stay: I like the physical conditions of my neighborhood (cleanliness,	HOUSING FUTURE NEIGHBORHOOD QUALITY
ne012s5_liv[t]	Reasons to stay: I like the community of people who live in my neighborhood	HOUSING FUTURE NEIGHBORHOOD SOCIAL
ne012s6_liv[t]	Reasons to stay: Close to family or friends	HOUSING FUTURE PROXIMITY SOCIAL
ne012s7_liv[t]	Reasons to stay: Close to work	HOUSING FUTURE PROXIMITY EMPLOYMENT
ne012s8_liv[t]	Reasons to stay: Close to public transit	HOUSING FUTURE PROXIMITY TRANPSPORTATION PUBLIC
ne012s9_liv[t]	Reasons to stay: Close to services and amenities (grocery stores, schools, healt	HOUSING FUTURE PROXIMITY AMENITIES
ne012s10_liv[t]	Reasons to stay: Good-quality local schools	HOUSING FUTURE NEIGHBORHOOD SCHOOL
ne012s11_liv[t]	Reasons to stay: Neighborhood feels safe	HOUSING FUTURE NEIGHBORHOOD SAFETY
ne012s12_liv[t]	Reasons to stay: I wish I could move but I cant afford to change my living situa	HOUSING FUTURE COST AFFORDABILITY
ne012s13_liv[t]	Reasons to stay: Other, please specify: ne012_other	HOUSING FUTURE
ne012_liv[t]	reasons for planning to stay in current residence	HOUSING FUTURE
ne013s1_liv[t]	Reasons to leave: Rent/mortgage is unaffordable	HOUSING

		FUTURE COST AFFORDABILITY
ne013s2_liv^{tu}	Reasons to leave: I want to buy a home instead of renting	HOUSING FUTURE COST AFFORDABILITY
ne013s3_liv^t	Reasons to leave: I dont like the physical features of my house/apartment (size,	HOUSING FUTURE QUALITY
ne013s4_liv^t	Reasons to leave: I dont like the physical conditions of my neighborhood (cleanl	HOUSING FUTURE NEIGHBORHOOD QUALITY
ne013s5_liv^t	Reasons to leave: I dont like the community of people who live in my neighborhoo	HOUSING FUTURE NEIGHBORHOOD SOCIAL
ne013s6_liv^t	Reasons to leave: Far from family or friends	HOUSING FUTURE PROXIMITY SOCIAL
ne013s7_liv^t	Reasons to leave: Far from work	HOUSING FUTURE PROXIMITY EMPLOYMENT
ne013s8_liv^t	Reasons to leave: Far from public transit	HOUSING FUTURE PROXIMITY TRANPSPORTATIO N PUBLIC
ne013s9_liv^t	Reasons to leave: Far from services and amenities (grocery stores, schools, heal	HOUSING FUTURE PROXIMITY AMENITIES
ne013s10_liv^t	Reasons to leave: Low-quality local schools	
ne013s11_liv^t	Reasons to leave: Neighborhood feels unsafe	HOUSING FUTURE NEIGHBORHOOD SAFETY
ne013s12_liv^t	Reasons to leave: Change in living situation (divorce, dispute, violence, new ho	HOUSING FUTURE SOCIAL
ne013s13_liv^t	Reasons to leave: Change in work situation (retirement, graduation, new job, etc	HOUSING FUTURE EMPLOYMENT
ne013s14_liv^t	Reasons to leave: My house/building is being foreclosed	HOUSING

		FUTURE DISPLACEMENT FORECLOSURE
ne013s15_liv[t]	Reasons to leave: Landlord raised the rent	HOUSING FUTURE DISPLACEMENT RENT
ne013s16_liv[t]	Reasons to leave: Landlord wont make necessary repairs or improvements	HOUSING FUTURE DISPLACEMENT QUALITY
ne013s17_liv[t]	Reasons to leave: Landlord told me, or a person I live with, to leave (a written	HOUSING FUTURE DISPLACEMENT EVICTION
ne013s18_liv[t]	Reasons to leave: Landlord told me, or a person I live with, to leave (a written	HOUSING FUTURE DISPLACEMENT EVICTION
ne013s19_liv[t]	Reasons to leave: I am worried about being evicted	HOUSING FUTURE DISPLACEMENT EVICTION
ne013s20_liv[t]	Reasons to leave: My building is being condemned	HOUSING FUTURE DISPLACEMENT QUALITY
ne013s21_liv[t]	Reasons to leave: Other, please specify: ne013_other	HOUSING FUTURE
ne013_liv[t]	reasons for planning to leave current residence	HOUSING FUTURE
ne014_liv	plan to move to	HOUSING FUTURE LOCATION
ne015_liv	plan to rent or buy the next residence	HOUSING FUTURE TENURE RENT OWN
ne016_liv	anticipated rent per month in a year	HOUSING FUTURE RENT COST
ne017_liv	plan to sell current house in the next year	HOUSING FUTURE OWN

[s] Changed response options starting with "1-3 years" and "3-5 years" (wave 1) to "1-2 years" (wave 2).

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3.2.2 Mobility Survey

The LABarometer Mobility Survey primarily concerns transportation patterns, costs, experiences, and preferences among participants in Los Angeles County. The first wave of the survey was fielded from December 11, 2019 to February 7, 2020. The second wave was fielded from March 2, 2021 to April 30, 2021. Keywords for topics covered in the mobility survey are listed below:

Keywords: Transportation, housing, neighborhood, health, home, location, future, car, ride hailing, taxi, public, human powered, electric, scooter/bike/skateboard, skateboard/scooter, motorcycle, amenities, cost, parking, time, safety, height, weight, diabetes, behavior, social, bike, bus, Metro, Metrolink, Amtrak, Dial-A-Ride, walk, scooter, insurance, gas, quality, ethics, skateboard, moped, limo, affordability, accident, harassment, Covid, support, accessibility, environment, and sexual.

Table 3: LAB Mobility Survey Variables

Variable Name	Variable Label	Keywords
mv001_mob[2]	currently live in Los Angeles County, mobility	HOUSING LOCATION
mv002_mob[2]	previously live in Los Angeles County	HOUSING LOCATION
mv004_mob[2]	plan to return to live in Los Angeles County in the future	HOUSING FUTURE
tr001s1_mob	Mode of transportation used: Private vehicle (car, van, carpool, truck, SUV) - a	TRANSPORTATION CAR
tr001s2_mob	Mode of transportation used: Ride-hailing service (Uber, Lyft, etc.) - as passen	TRANSPORTATION RIDE HAILING
tr001s3_mob	Mode of transportation used: Taxi, limo, hired car service - as passenger	TRANSPORTATION TAXI
tr001s4_mob	Mode of transportation used: Public transportation (i.e. bus, light rail/subway,	TRANSPORTATION PUBLIC
tr001s5_mob	Mode of transportation used: Walk, skateboard, or kick scooter	TRANSPORTATION HUMAN POWERED
tr001s6_mob	Mode of transportation used: Bicycle or bikeshare (non-electric)	TRANSPORTATION HUMAN POWERED BIKE
tr001s7_mob	Mode of transportation used: Electric scooter, electric bike, or electric skateb	TRANSPORTATION ELECTRIC BIKE/SCOOTER
tr001s8_mob	Mode of transportation used: Motorcycle or moped - as driver or passenger	TRANSPORTATION MOTORCYCLE

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tr001s9_mob	Mode of transportation used: Other (shuttle, commercial vehicle, boat, etc.). Pl	TRANSPORTATION
tr001_mob	Mode of transportation used: modes of transportation in last year	TRANSPORTATION
tr002s1_mob	If used public transport, mode: Bus	TRANSPORTATION PUBLIC BUS
tr002s2_mob	If used public transport, mode: Metro light rail/subway (Metro Red, Green, Gold,	TRANSPORTATION PUBLIC METRO
tr002s3_mob	If used public transport, mode: Metrolink train	TRANSPORTATION PUBLIC METROLINK
tr002s4_mob	If used public transport, mode: Amtrak train	TRANSPORTATION PUBLIC AMTRAK
tr002s5_mob	If used public transport, mode: Dial-A-Ride (paratransit)	TRANSPORTATION PUBLIC DIAL-A-RIDE ACCESSIBILITY
tr002s6_mob	If used public transport, mode: Other. Please specify: tr002_other	TRANSPORTATION PUBLIC
tr002_mob	If used public transport, mode: what public transportation used	TRANSPORTATION PUBLIC
tr003_mob	Private vehicle: how many days as passenger in private vehicle	TRANSPORTATION CAR
tr004s1_mob	Private vehicle: Job or school related activities (e.g. attending a class, commu	TRANSPORTATION CAR
tr004s2_mob	Private vehicle: Personal or caretaking activities (e.g. grocery shopping, erran	TRANSPORTATION CAR
tr004s3_mob	Private vehicle: Social or leisure activities (e.g. visiting family, seeing a mo	TRANSPORTATION CAR
tr004s4_mob	Private vehicle: Transportation to or from the airport	TRANSPORTATION CAR
tr004s5_mob	Private vehicle: other	TRANSPORTATION CAR
tr004_mob	Private vehicle: activities	TRANSPORTATION CAR
tr005_mob	Ride hailing service: how many days as passenger in ride-hailing service (Uber,	TRANSPORTATION RIDE HAILING
tr006s1_mob	Ride hailing service: Job or school related activities (e.g. attending a class,	TRANSPORTATION RIDE HAILING
tr006s2_mob	Ride hailing service: Personal or caretaking activities (e.g. grocery shopping,	TRANSPORTATION RIDE HAILING
tr006s3_mob	Ride hailing service: Social or leisure activities (e.g. visiting family, seeing	TRANSPORTATION RIDE HAILING

tr006s4_mob	Ride hailing service: Transportation to or from the airport	TRANSPORTATION RIDE HAILING
tr006s5_mob	Ride-hailing service: Other	TRANSPORTATION RIDE HAILING
tr006_mob	Ride-hailing service: activities	TRANSPORTATION RIDE HAILING
tr007_mob	Taxi, limo, hired car service: how many days as passenger in taxi, limo, or hire	TRANSPORTATION TAXI
tr008s1_mob	Taxi, limo, hired car service: Job or school related activities (e.g. attending	TRANSPORTATION TAXI
tr008s2_mob	Taxi, limo, hired car service: Personal or caretaking activities (e.g. grocery s	TRANSPORTATION TAXI
tr008s3_mob	Taxi, limo, hired car service: Social or leisure activities (e.g. visiting famil	TRANSPORTATION TAXI
tr008s4_mob	Taxi, limo, hired car service: Transportation to or from the airport	TRANSPORTATION TAXI
tr008s5_mob	Taxi, limo, hired car service: Other	TRANSPORTATION TAXI
tr008_mob	Taxi, limo, hired car service: activities	TRANSPORTATION TAXI
tr009_mob	Bus: how many days ride in bus	TRANSPORTATION PUBLIC BUS
tr010s1_mob	Bus: Job or school related activities (e.g. attending a class, commuting to an o	TRANSPORTATION PUBLIC BUS
tr010s2_mob	Bus: Personal or caretaking activities (e.g. grocery shopping, errands, medical	TRANSPORTATION PUBLIC BUS
tr010s3_mob	Bus: Social or leisure activities (e.g. visiting family, seeing a movie, going o	TRANSPORTATION PUBLIC BUS
tr010s4_mob	Bus: Transportation to or from the airport	TRANSPORTATION PUBLIC BUS
tr010s5_mob	Bus: Other	TRANSPORTATION PUBLIC BUS
tr010_mob	Bus: activities	TRANSPORTATION PUBLIC BUS
tr011s1_mob	Travel to/from Bus: Walking	TRANSPORTATION PUBLIC BUS WALK
tr011s2_mob	Travel to/from Bus: Skateboard or kick scooter	TRANSPORTATION PUBLIC BUS

		SCOOTER
tr011s3_mob	Travel to/from Bus: Bicycle or bikeshare (non-electric)	TRANSPORTATION PUBLIC BUS BIKE
tr011s4_mob	Travel to/from Bus: Electric scooter, electric bike, or electric skateboard (Bir	TRANSPORTATION PUBLIC BUS ELECTRIC SCOOTER/BIKE/SKATEBOARD
tr011s5_mob	Travel to/from Bus: Motorcycle or moped	TRANSPORTATION PUBLIC BUS MOTORCYCLE
tr011s6_mob	Travel to/from Bus: Ride-hailing service (Uber, Lyft, etc.)	TRANSPORTATION PUBLIC BUS RIDE HAILING
tr011s7_mob	Travel to/from Bus: Private car, carpool, van, truck, SUV - parked nearby	TRANSPORTATION PUBLIC BUS CAR
tr011s8_mob	Travel to/from Bus: Private car, carpool, van, truck, SUV - dropped off	TRANSPORTATION PUBLIC BUS CAR
tr011s9_mob	Travel to/from Bus: Taxi, limo, or hired car service	TRANSPORTATION PUBLIC BUS TAXI
tr011s10_mob	Travel to/from Bus: Public transportation (bus, light rail/subway, train, dial-a	TRANSPORTATION PUBLIC BUS
tr011s11_mob	Travel to/from Bus: Other	TRANSPORTATION PUBLIC BUS
tr011_mob	Travel to/from Bus: Other (specified)	TRANSPORTATION PUBLIC BUS
tr012_mob	Metro: how many days ride metro light rail	TRANSPORTATION PUBLIC METRO
tr013s1_mob	Metro: Job or school related activities (e.g. attending a class, commuting to an	TRANSPORTATION PUBLIC METRO
tr013s2_mob	Metro: Personal or caretaking activities (e.g. grocery shopping, errands, medica	TRANSPORTATION PUBLIC

		METRO
tr013s3_mob	Metro: Social or leisure activities (e.g. visiting family, seeing a movie, going	TRANSPORTATION PUBLIC METRO
tr013s4_mob	Metro: Transportation to or from the airport	TRANSPORTATION PUBLIC METRO
tr013s5_mob	Metro: Other activity	TRANSPORTATION PUBLIC METRO
tr013_mob	Metro: Other activity (specified)	TRANSPORTATION PUBLIC METRO
tr014s1_mob	Travel to/from Metro: Walking	TRANSPORTATION PUBLIC METRO WALK
tr014s2_mob	Travel to/from Metro: Skateboard or kick scooter	TRANSPORTATION PUBLIC METRO SCOOTER
tr014s3_mob	Travel to/from Metro: Bicycle or bikeshare (non-electric)	TRANSPORTATION PUBLIC METRO BIKE
tr014s4_mob	Travel to/from Metro: Electric scooter, electric bike, or electric skateboard (B	TRANSPORTATION PUBLIC METRO ELECTRIC SCOOTER/BIKE/SKATEBOAR D
tr014s5_mob	Travel to/from Metro: Motorcycle or moped	TRANSPORTATION PUBLIC METRO MOTORCYCLE
tr014s6_mob	Travel to/from Metro: Ride-hailing service (Uber, Lyft, etc.)	TRANSPORTATION PUBLIC METRO RIDE HAILING
tr014s7_mob	Travel to/from Metro: Private car, carpool, van, truck, SUV - parked nearby	TRANSPORTATION PUBLIC METRO CAR
tr014s8_mob	Travel to/from Metro: Private car, carpool, van, truck, SUV - dropped off	TRANSPORTATION PUBLIC METRO CAR
tr014s9_mob	Travel to/from Metro: Taxi, limo, or hired car service	TRANSPORTATION

		PUBLIC METRO TAXI
tr014s10_mob	Travel to/from Metro: Public transportation (bus, light rail/subway, train, dial	TRANSPORTATION PUBLIC METRO
tr014s11_mob	Travel to/from Metro: Other	TRANSPORTATION PUBLIC METRO
tr014_mob	Travel to/from Metro: Other (specified)	TRANSPORTATION PUBLIC METRO
tr015_mob	Metrolink: how many days ride metrolink	TRANSPORTATION PUBLIC METROLINK
tr016s1_mob	Metrolink: Job or school related activities (e.g. attending a class, commuting t	TRANSPORTATION PUBLIC METROLINK
tr016s2_mob	Metrolink: Personal or caretaking activities (e.g. grocery shopping, errands, me	TRANSPORTATION PUBLIC METROLINK
tr016s3_mob	Metrolink: Social or leisure activities (e.g. visiting family, seeing a movie, g	TRANSPORTATION PUBLIC METROLINK
tr016s4_mob	Metrolink: Transportation to or from the airport	TRANSPORTATION PUBLIC METROLINK
tr016s5_mob	Metrolink: Other activity	TRANSPORTATION PUBLIC METROLINK
tr016_mob	Metrolink: Other activity(specified)	TRANSPORTATION PUBLIC METROLINK
tr017s1_mob	Travel to/from Metrolink: Walking	TRANSPORTATION PUBLIC METROLINK WALK
tr017s2_mob	Travel to/from Metrolink: Skateboard or kick scooter	TRANSPORTATION PUBLIC METROLINK SCOOTER
tr017s3_mob	Travel to/from Metrolink: Bicycle or bikeshare (non-electric)	TRANSPORTATION PUBLIC METROLINK BIKE
tr017s4_mob	Travel to/from Metrolink: Electric scooter, electric bike, or electric skateboar	ELECTRIC SCOOTER/BIKE/SKATEBOARD

tr017s5_mob	Travel to/from Metrolink: Motorcycle or moped	TRANSPORTATION PUBLIC METROLINK MOTORCYCLE
tr017s6_mob	Travel to/from Metrolink: Ride-hailing service (Uber, Lyft, etc.)	TRANSPORTATION PUBLIC METROLINK RIDE HAILING
tr017s7_mob	Travel to/from Metrolink: Private car, carpool, van, truck, SUV - parked nearby	TRANSPORTATION PUBLIC METROLINK CAR
tr017s8_mob	Travel to/from Metrolink: Private car, carpool, van, truck, SUV - dropped off	TRANSPORTATION PUBLIC METROLINK CAR
tr017s9_mob	Travel to/from Metrolink: Taxi, limo, or hired car service	TRANSPORTATION PUBLIC METROLINK TAXI
tr017s10_mob	Travel to/from Metrolink: Public transportation (bus, light rail/subway, train,	TRANSPORTATION PUBLIC METROLINK
tr017s11_mob	Travel to/from Metrolink: Other	TRANSPORTATION PUBLIC METROLINK
tr017_mob	Travel to/from Metrolink: Other (specified)	TRANSPORTATION PUBLIC METROLINK
tr018_mob	Amtrak: how many days ride amtrak	AMTRAK
tr019s1_mob	Amtrak: Job or school related activities (e.g. attending a class, commuting to a	TRANSPORTATION PUBLIC AMTRAK
tr019s2_mob	Amtrak: Personal or caretaking activities (e.g. grocery shopping, errands, medic	TRANSPORTATION PUBLIC AMTRAK
tr019s3_mob	Amtrak: Social or leisure activities (e.g. visiting family, seeing a movie, goin	TRANSPORTATION PUBLIC AMTRAK
tr019s4_mob	Amtrak: Transportation to or from the airport	TRANSPORTATION PUBLIC AMTRAK
tr019s5_mob	Amtrak: Other activity	TRANSPORTATION PUBLIC AMTRAK
tr019_mob	Amtrak: Other activity (specified)	TRANSPORTATION PUBLIC

		AMTRAK
tr020s1_mob	Travel to/from Amtrak: Walking	TRANSPORTATION PUBLIC AMTRAK WALK
tr020s2_mob	Travel to/from Amtrak: Skateboard or kick scooter	TRANSPORTATION PUBLIC AMTRAK SCOOTER
tr020s3_mob	Travel to/from Amtrak: Bicycle or bikeshare (non-electric)	TRANSPORTATION PUBLIC AMTRAK BIKE
tr020s4_mob	Travel to/from Amtrak: Electric scooter, electric bike, or electric skateboard (	TRANSPORTATION PUBLIC AMTRAK ELECTRIC SCOOTER/BIKE/SKATEBOARD
tr020s5_mob	Travel to/from Amtrak: Motorcycle or moped	TRANSPORTATION PUBLIC AMTRAK MOTORCYCLE
tr020s6_mob	Travel to/from Amtrak: Ride-hailing service (Uber, Lyft, etc.)	TRANSPORTATION PUBLIC AMTRAK RIDE HAILING
tr020s7_mob	Travel to/from Amtrak: Private car, carpool, van, truck, SUV - parked nearby	TRANSPORTATION PUBLIC AMTRAK CAR
tr020s8_mob	Travel to/from Amtrak: Private car, carpool, van, truck, SUV - dropped off	TRANSPORTATION PUBLIC AMTRAK CAR
tr020s9_mob	Travel to/from Amtrak: Taxi, limo, or hired car service	TRANSPORTATION PUBLIC AMTRAK TAXI
tr020s10_mob	Travel to/from Amtrak: Public transportation (bus, light rail/subway, train, dia	TRANSPORTATION PUBLIC AMTRAK
tr020s11_mob	Travel to/from Amtrak: Other	TRANSPORTATION PUBLIC AMTRAK
tr020_mob	Travel to/from Amtrak: Other (specified)	TRANSPORTATION PUBLIC AMTRAK

tr021_mob	Dial-A-Ride: how many days ride Dial-A-Ride (paratransit) service	TRANSPORTATION PUBLIC DIAL-A-RIDE ACCESSIBILITY
tr022s1_mob	Dial-A-Ride: Job or school related activities (e.g. attending a class, commuting	TRANSPORTATION PUBLIC DIAL-A-RIDE ACCESSIBILITY
tr022s2_mob	Dial-A-Ride: Personal or caretaking activities (e.g. grocery shopping, errands,	TRANSPORTATION PUBLIC DIAL-A-RIDE ACCESSIBILITY
tr022s3_mob	Dial-A-Ride: Social or leisure activities (e.g. visiting family, seeing a movie,	TRANSPORTATION PUBLIC DIAL-A-RIDE ACCESSIBILITY
tr022s4_mob	Dial-A-Ride: Transportation to or from the airport	TRANSPORTATION PUBLIC DIAL-A-RIDE ACCESSIBILITY
tr022s5_mob	Dial-A-Ride: Other activity	TRANSPORTATION PUBLIC DIAL-A-RIDE ACCESSIBILITY
tr022_mob	Dial-A-Ride: Other activity (specified)	TRANSPORTATION PUBLIC DIAL-A-RIDE ACCESSIBILITY
tr023_mob	Walk/skateboard/kick scooter: how many days walk, skateboard, or use a kick scoo	TRANSPORTATION HUMAN POWERED
tr024s1_mob	Walk/skateboard/kick scooter: Job or school related activities (e.g. attending a	TRANSPORTATION HUMAN POWERED
tr024s2_mob	Walk/skateboard/kick scooter: Personal or caretaking activities (e.g. grocery sh	TRANSPORTATION HUMAN POWERED
tr024s3_mob	Walk/skateboard/kick scooter: Social or leisure activities (e.g. visiting family	TRANSPORTATION HUMAN POWERED
tr024s4_mob	Walk/skateboard/kick scooter: Transportation to or from the airport	TRANSPORTATION HUMAN POWERED
tr024s5_mob	Walk/skateboard/kick scooter: Other activity	TRANSPORTATION HUMAN POWERED
tr024_mob	Walk/skateboard/kick scooter: Other activity (specified)	TRANSPORTATION HUMAN POWERED
tr025_mob	Non-electric bike or bikeshare: how many days (non-electric) bicycle or bikeshar	TRANSPORTATION HUMAN POWERED BIKE
tr026s1_mob	Non-electric bike or bikeshare: Job or school related activities (e.g. attending	TRANSPORTATION HUMAN POWERED BIKE

tr026s2_mob	Non-electric bike or bikeshare: Personal or caretaking activities (e.g. grocery	TRANSPORTATION HUMAN POWERED BIKE
tr026s3_mob	Non-electric bike or bikeshare: Social or leisure activities (e.g. visiting fami	TRANSPORTATION HUMAN POWERED BIKE
tr026s4_mob	Non-electric bike or bikeshare: Transportation to or from the airport	TRANSPORTATION HUMAN POWERED BIKE
tr026s5_mob	Non-electric bike or bikeshare: Other activity	TRANSPORTATION HUMAN POWERED BIKE
tr026_mob	Non-electric bike or bikeshare: Other activity (specified)	TRANSPORTATION HUMAN POWERED BIKE
tr027_mob	Electric scooter/bike/skateboard: how many days electric scooter, electric bike,	TRANSPORTATION ELECTRIC BIKE/SCOOTER
tr028s1_mob	Electric scooter/bike/skateboard: Job or school related activities (e.g. attendi	TRANSPORTATION ELECTRIC BIKE/SCOOTER
tr028s2_mob	Electric scooter/bike/skateboard: Personal or caretaking activities (e.g. grocer	TRANSPORTATION ELECTRIC BIKE/SCOOTER
tr028s3_mob	Electric scooter/bike/skateboard: Social or leisure activities (e.g. visiting fa	TRANSPORTATION ELECTRIC BIKE/SCOOTER
tr028s4_mob	Electric scooter/bike/skateboard: Transportation to or from the airport	TRANSPORTATION ELECTRIC BIKE/SCOOTER
tr028s5_mob	Electric scooter/bike/skateboard: Other activity	TRANSPORTATION ELECTRIC BIKE/SCOOTER
tr028_mob	Electric scooter/bike/skateboard: Other activity (specified)	TRANSPORTATION ELECTRIC BIKE/SCOOTER
tr029_mob	Motorcycle/moped: how many days motorcycle or moped	TRANSPORTATION MOTORCYCLE
tr030s1_mob	Motorcycle/moped: Job or school related activities (e.g. attending a class, comm	TRANSPORTATION MOTORCYCLE
tr030s2_mob	Motorcycle/moped: Personal or caretaking activities (e.g. grocery shopping, erra	TRANSPORTATION MOTORCYCLE
tr030s3_mob	Motorcycle/moped: Social or leisure activities (e.g. visiting family, seeing a m	TRANSPORTATION MOTORCYCLE
tr030s4_mob	Motorcycle/moped: Transportation to or from the airport	TRANSPORTATION MOTORCYCLE
tr030s5_mob	Motorcycle/moped: Other activity	TRANSPORTATION MOTORCYCLE
tr030_mob	Motorcycle/moped: Other activity (specified)	TRANSPORTATION MOTORCYCLE
tr033_mob	How many in social circle use public transportation	TRANSPORTATION PUBLIC SOCIAL
tr034_mob	Private vehicle: how safe private vehicle	TRANSPORTATION

| | | CAR |
		SAFETY
tr035_mob	Private vehicle: how convenient work or school trips private vehicle	TRANSPORTATION CAR
tr036_mob	Private vehicle: how convenient personal or leisure trips private vehicle	TRANSPORTATION CAR
tr037_mob	Private vehicle: how expensive private vehicle	TRANSPORTATION CAR COST
tr038_mob	Private vehicle: how enjoyable private vehicle	TRANSPORTATION CAR
tr039_mob	Bus: how safe public bus	TRANSPORTATION PUBLIC BUS SAFETY
tr040_mob	Bus: how convenient work or school trips public bus	TRANSPORTATION PUBLIC BUS
tr041_mob	Bus: how convenient personal or leisure trips public bus	TRANSPORTATION PUBLIC BUS
tr042_mob	Bus: how expensive public bus	TRANSPORTATION PUBLIC BUS COST
tr043_mob	Bus: how enjoyable public bus	TRANSPORTATION PUBLIC BUS
tr044_mob	Metro: how safe Metro light rail/subway	TRANSPORTATION PUBLIC METRO SAFETY
tr045_mob	Metro: how convenient work or school trips Metro light rail/subway	TRANSPORTATION PUBLIC METRO
tr046_mob	Metro: how convenient personal or leisure trips Metro light rail/subway	TRANSPORTATION PUBLIC METRO
tr047_mob	Metro: how expensive Metro light rail/subway	TRANSPORTATION PUBLIC METRO COST
tr048_mob	Metro: how enjoyable Metro light rail/subway	TRANSPORTATION PUBLIC
tr049_mob	Ride hailing service: how safe ride-hailing service (Uber, Lyft, etc.)	TRANSPORTATION RIDE HAILING SAFETY

tr050_mob	Ride hailing service: how convenient work or school trips ride-hailing service (	TRANSPORTATION RIDE HAILING
tr051_mob	Ride hailing service: how convenient personal or leisure trips ride-hailing serv	TRANSPORTATION RIDE HAILING
tr052_mob	Ride hailing service: how expensive ride-hailing service (Uber, Lyft, etc.)	TRANSPORTATION RIDE HAILING COST
tr053_mob	Ride hailing service: how enjoyable ride-hailing service (Uber, Lyft, etc.)	TRANSPORTATION RIDE HAILING
tr054_mob	how far home from nearest useful bus stop	NEIGHBORHOOD AMENITIES TRANSPORTATION BUS
tr055_mob	how far home from nearest useful metro station	NEIGHBORHOOD AMENITIES TRANSPORTATION METRO
tr056a_mob	Within 15-min walk: convenience store	NEIGHBORHOOD AMENITIES WALK
tr056b_mob	Within 15-min walk: child care center	NEIGHBORHOOD AMENITIES WALK
tr056c_mob	Within 15-min walk: senior center	NEIGHBORHOOD AMENITIES WALK
tr056d_mob	Within 15-min walk: drug store (CVS, RiteAid, etc.)	NEIGHBORHOOD AMENITIES WALK
tr056e_mob	Within 15-min walk: medical care (hospital, urgent care, dentist, etc.)	NEIGHBORHOOD AMENITIES WALK
tr056f_mob	Within 15-min walk: grocery store	NEIGHBORHOOD AMENITIES WALK
tr056g_mob	Within 15-min walk: boutique clothing store	NEIGHBORHOOD AMENITIES WALK
tr056h_mob	Within 15-min walk: restaurants and cafes	NEIGHBORHOOD AMENITIES WALK
tr056i_mob	Within 15-min walk: gym	NEIGHBORHOOD AMENITIES WALK
tr056j_mob	Within 15-min walk: arts/entertainment venue (movie theater, live music venue, e	NEIGHBORHOOD AMENITIES WALK

tr056k_mob	Within 15-min walk: department store (Macys, Nordstrom, Marshalls, etc.)	NEIGHBORHOOD AMENITIES WALK
tr056l_mob	Within 15-min walk: big box store (Walmart, Target, etc.)	NEIGHBORHOOD AMENITIES WALK
tr057b_mob	difficulty finding bicycles for rent	TRANSPORTATION HUMAN POWERED BIKE
tr058b_mob	increase or decrease number of bicycles	TRANSPORTATION HUMAN POWERED BIKE
tr057a_mob	difficulty finding scooters for rent	TRANSPORTATION HUMAN POWERED SCOOTER
tr058a_mob	increase or decrease number of scooters	TRANSPORTATION HUMAN POWERED SCOOTER
tr059_order_1__mob	order biggest concerns bus system	N/A
tr059_order_2__mob	order biggest concerns bus system	N/A
tr059_order_3__mob	order biggest concerns bus system	N/A
tr059_order_4__mob	order biggest concerns bus system	N/A
tr059_order_5__mob	order biggest concerns bus system	N/A
tr059_order_6__mob	order biggest concerns bus system	N/A
tr059_order_7__mob	order biggest concerns bus system	N/A
tr059_order_8__mob	order biggest concerns bus system	N/A
tr059_order_9__mob	order biggest concerns bus system	N/A
tr059_order_10__mob	order biggest concerns bus system	N/A
tr059_order_11__mob	order biggest concerns bus system	N/A
tr059_order_12__mob	order biggest concerns bus system	N/A
tr059_order_13__mob	order biggest concerns bus system	N/A
tr059_order_14__mob	order biggest concerns bus system	N/A
tr059_order_15__mob	order biggest concerns bus system	N/A
tr059_order_16__mob	order biggest concerns bus system	N/A
tr059s1_mob	Bus concerns: Lack of safety on the bus	TRANSPORTATION PUBLIC BUS SAFETY

tr059s2_mob	Bus concerns: Lack of safety while getting to or waiting for the bus	TRANSPORTATION PUBLIC BUS SAFETY
tr059s3_mob	Bus concerns: Collisions or accidents	TRANSPORTATION PUBLIC BUS SAFETY
tr059s4_mob	Bus concerns: No bus stops close to where I live or spend time	NEIGHBORHOOD AMENITIES TRANSPORTATION BUS
tr059s5_mob	Bus concerns: Transit time is too long	TRANSPORTATION PUBLIC BUS
tr059s6_mob	Bus concerns: Service is not frequent enough	TRANSPORTATION PUBLIC BUS
tr059s7_mob	Bus concerns: Service is not reliable enough	TRANSPORTATION PUBLIC BUS
tr059s8_mob	Bus concerns: Too many transfers necessary	TRANSPORTATION PUBLIC BUS
tr059s9_mob	Bus concerns: Cost is too high	TRANSPORTATION PUBLIC BUS COST
tr059s10_mob	Bus concerns: Not enjoyable to ride	TRANSPORTATION PUBLIC BUS
tr059s11_mob	Bus concerns: Lack of cleanliness	TRANSPORTATION PUBLIC BUS
tr059s12_mob	Bus concerns: Difficulty understanding the bus system	TRANSPORTATION PUBLIC BUS
tr059s13_mob	Bus concerns: Bus is too crowded	TRANSPORTATION PUBLIC BUS
tr059s14_mob	Bus concerns: Uncomfortable with behavior of other bus riders	TRANSPORTATION PUBLIC BUS
tr059s15_mob	Bus concerns: Physically unable to use the bus	TRANSPORTATION PUBLIC BUS ACCESSIBILITY
tr059s16_mob	Bus concerns: other, please specify	TRANSPORTATION

		PUBLIC BUS
tr059_mob	Bus concerns: combined	TRANSPORTATION PUBLIC BUS
tr060_order_1__mob	order biggest concerns Metro system	N/A
tr060_order_2__mob	order biggest concerns Metro system	N/A
tr060_order_3__mob	order biggest concerns Metro system	N/A
tr060_order_4__mob	order biggest concerns Metro system	N/A
tr060_order_5__mob	order biggest concerns Metro system	N/A
tr060_order_6__mob	order biggest concerns Metro system	N/A
tr060_order_7__mob	order biggest concerns Metro system	N/A
tr060_order_8__mob	order biggest concerns Metro system	N/A
tr060_order_9__mob	order biggest concerns Metro system	N/A
tr060_order_10__mob	order biggest concerns Metro system	N/A
tr060_order_11__mob	order biggest concerns Metro system	N/A
tr060_order_12__mob	order biggest concerns Metro system	N/A
tr060_order_13__mob	order biggest concerns Metro system	N/A
tr060_order_14__mob	order biggest concerns Metro system	N/A
tr060_order_15__mob	order biggest concerns Metro system	N/A
tr060_order_16__mob	order biggest concerns Metro system	N/A
tr060s1_mob	Metro concerns: Lack of safety on the Metro	TRANSPORTATION PUBLIC METRO SAFETY
tr060s2_mob	Metro concerns: Lack of safety while getting to or waiting for the Metro	TRANSPORTATION PUBLIC METRO SAFETY
tr060s3_mob	Metro concerns: Collisions or accidents	TRANSPORTATION PUBLIC METRO SAFETY
tr060s4_mob	Metro concerns: No Metro stops close to where I live or spend time	NEIGHBORHOOD AMENITIES TRANSPORTATION METRO

tr060s5_mob	Metro concerns: Transit time is too long	TRANSPORTATION PUBLIC METRO
tr060s6_mob	Metro concerns: Service is not frequent enough	TRANSPORTATION PUBLIC METRO
tr060s7_mob	Metro concerns: Service is not reliable enough	TRANSPORTATION PUBLIC METRO
tr060s8_mob	Metro concerns: Too many transfers necessary	TRANSPORTATION PUBLIC METRO
tr060s9_mob	Metro concerns: Cost is too high	TRANSPORTATION PUBLIC METRO COST
tr060s10_mob	Metro concerns: Not enjoyable to ride	TRANSPORTATION PUBLIC METRO
tr060s11_mob	Metro concerns: Lack of cleanliness	TRANSPORTATION PUBLIC METRO
tr060s12_mob	Metro concerns: Difficulty understanding the Metro system	TRANSPORTATION PUBLIC METRO
tr060s13_mob	Metro concerns: Metro is too crowded	TRANSPORTATION PUBLIC METRO
tr060s14_mob	Metro concerns: Uncomfortable with behavior of other Metro riders	TRANSPORTATION PUBLIC METRO
tr060s15_mob	Metro concerns: other, please specify	TRANSPORTATION PUBLIC METRO
tr060s16_mob	Other. Please specify: tr060_other	TRANSPORTATION PUBLIC METRO
tr060_mob	Metro concerns: combined	TRANSPORTATION PUBLIC METRO
tr060a_mob	Monthly transport cost: Car/auto payment(s) (loan or lease)	TRANSPORTATION COST CAR
tr060b_mob	Monthly transport cost: Car/auto insurance	TRANSPORTATION COST INSURANCE
tr060c_mob	Monthly transport cost: gas	TRANSPORTATION COST

		GAS
tr060d_mob	Monthly transport cost: parking	TRANSPORTATION COST PARKING
tr060e_mob	Monthly transport cost: Public transit (tickets for bus, light rail/subway, trai	TRANSPORTATION COST PUBLIC
tr061_mob	how many private vehicles own or lease	TRANSPORTATION CAR
tr062s1_mob	Reasons no private vehicle: Too expensive	TRANSPORTATION CAR COST
tr062s2_mob	Reasons no private vehicle: Vehicle(s) need(s) repairs	TRANSPORTATION CAR QUALITY
tr062s3_mob	Reasons no private vehicle: Dont have a valid drivers license	TRANSPORTATION CAR
tr062s4_mob	Reasons no private vehicle: Prefer to use other modes of transportation	TRANSPORTATION CAR
tr062s5_mob	Reasons no private vehicle: Lack of available parking	TRANSPORTATION CAR PARKING
tr062s6_mob	Reasons no private vehicle: Ethical/environmental concerns	TRANSPORTATION CAR ETHICS ENVIRONMENT
tr062s7_mob	Reasons no private vehicle: Other. Please specify: tr062_other	TRANSPORTATION CAR
tr062_mob	why not own or lease private vehicle	TRANSPORTATION CAR
tr063_mob	use vehicle in last year	TRANSPORTATION CAR
tr064_mob	how likely buy vehicle	TRANSPORTATION CAR FUTURE
tr065_mob	how difficult find street parking	TRANSPORTATION PARKING NEIGHBORHOOD
tr066_spaces_mob	how many parking spaces with current residence	TRANSPORTATION PARKING HOME
tr066_permits_mob	how many parking permits with current residence	TRANSPORTATION PARKING HOME
tr067a_mob	Past year change in transport: changed walking	TRANSPORTATION HUMAN POWERED WALK

tr067b_mob	Past year change in transport: changed skateboard or kick scooter	TRANSPORTATION HUMAN POWERED SKATEBOARD SCOOTER
tr067c_mob	Past year change in transport: changed bicycle or bikeshare (non-electric)	TRANSPORTATION HUMAN POWERED BIKE
tr067d_mob	Past year change in transport: changed electric scooter, electric bike, or elect	TRANSPORTATION ELECTRIC SCOOTER BIKE SKATEBOARD
tr067e_mob	Past year change in transport: changed motorcycle or moped	TRANSPORTATION MOTORCYCLE MOPED
tr067f_mob	Past year change in transport: changed private car, van, carpool, truck, SUV	TRANSPORTATION CAR
tr067g_mob	Past year change in transport: changed ride-hailing service (Uber, Lyft, etc.)	TRANSPORTATION RIDE HAILING
tr067h_mob	Past year change in transport: changed taxi, limo, or hired car service	TRANSPORTATION TAXI LIMO
tr067i_mob	Past year change in transport: changed metro light rail/subway	TRANSPORTATION PUBLIC METRO
tr067j_mob	Past year change in transport: changed public bus	TRANSPORTATION PUBLIC BUS
tr067k_mob	Past year change in transport: changed metrolink or Amtrak train	TRANSPORTATION PUBLIC METROLINK AMTRAK
tr067l_mob	Past year change in transport: changed dial-A-Ride (paratransit)	TRANSPORTATION PUBLIC DIAL-A-RIDE
tr068a_mob	Unaffordable transport: affordable missed work or school related activities	TRANSPORTATION COST AFFORDABILITY
tr068b_mob	Unaffordable transport: affordable missed personal or family medical care (docto	TRANSPORTATION COST AFFORDABILITY
tr068c_mob	Unaffordable transport: affordable missed social or leisure activities (going to	TRANSPORTATION COST AFFORDABILITY
tr068d_mob	Unaffordable transport: affordable missed shopping trips or errands (grocery sho	TRANSPORTATION COST AFFORDABILITY

tr069a_mob	Long travel time: too long missed work or school related activities	TRANSPORTATION TIME ACCESSIBILITY
tr069b_mob	Long travel time: too long missed personal or family medical care (doctors appoi	TRANSPORTATION TIME ACCESSIBILITY
tr069c_mob	Long travel time: too long missed social or leisure activities (going to a movie	TRANSPORTATION TIME ACCESSIBILITY
tr069d_mob	Long travel time: too long missed shopping trips or errands (grocery shopping, e	TRANSPORTATION TIME ACCESSIBILITY
tr070_mob	involved in collision or accident	TRANSPORTATION SAFETY ACCIDENT
tr071s1_mob	Travel mode accident: Walking	TRANSPORTATION SAFETY ACCIDENT WALK
tr071s2_mob	Travel mode accident: Skateboard or kick scooter	TRANSPORTATION SAFETY ACCIDENT HUMAN POWERED SKATEBOARD/SCOOTER
tr071s3_mob	Travel mode accident: Bicycle or bikeshare (non-electric)	TRANSPORTATION SAFETY ACCIDENT HUMAN POWERED BIKE
tr071s4_mob	Travel mode accident: Electric scooter, electric bike, or electric skateboard (B	TRANSPORTATION SAFETY ACCIDENT ELECTRIC SCOOTER/BIKE/SKATEBOARD D
tr071s5_mob	Travel mode accident: Motorcycle or moped	TRANSPORTATION SAFETY ACCIDENT MOTORCYCLE MOPED
tr071s6_mob	Travel mode accident: Private car, van, carpool, truck, SUV	TRANSPORTATION SAFETY ACCIDENT CAR
tr071s7_mob	Travel mode accident: Ride-hailing service (Uber, Lyft, etc.)	TRANSPORTATION SAFETY ACCIDENT RIDE HAILING

tr071s8_mob	Travel mode accident: Taxi, limo, or hired car service	TRANSPORTATION SAFETY ACCIDENT TAXI LIMO
tr071s9_mob	Travel mode accident: Metro light rail/subway	TRANSPORTATION SAFETY ACCIDENT METRO
tr071s10_mob	Travel mode accident: Public bus	TRANSPORTATION SAFETY ACCIDENT BUS
tr071s11_mob	Travel mode accident: Metrolink or Amtrak train	TRANSPORTATION SAFETY ACCIDENT METROLINK AMTRAK
tr071s12_mob	Travel mode accident: Dial-A-Ride (paratransit)	TRANSPORTATION SAFETY ACCIDENT DIAL-A-RIDE
tr071s13_mob	Travel mode accident: Other. Please specify: tr071_other	TRANSPORTATION SAFETY ACCIDENT
tr071_mob	modes of transportation in accident	TRANSPORTATION SAFETY ACCIDENT
tr072_mob	experienced sexual harassment or sexual assault	TRANSPORTATION SAFETY HARASSMENT
tr073s1_mob	Travel mode sexually harassed: Walking	TRANSPORTATION SAFETY HARASSMENT SEXUAL WALK
tr073s2_mob	Travel mode sexually harassed: Skateboard or kick scooter	TRANSPORTATION SAFETY HARASSMENT SEXUAL HUMAN POWERED SKATEBOARD/SCOOTER
tr073s3_mob	Travel mode sexually harassed: Bicycle or bikeshare (non-electric)	TRANSPORTATION SAFETY HARASSMENT SEXUAL HUMAN POWERED BIKE

tr073s4_mob	Travel mode sexually harassed: Electric scooter, electric bike, or electric skat	TRANSPORTATION SAFETY HARASSMENT SEXUAL ELECTRIC SCOOTER/BIKE/SKATEBOARD
tr073s5_mob	Travel mode sexually harassed: Motorcycle or moped	TRANSPORTATION SAFETY HARASSMENT SEXUAL MOTORCYCLE MOPED
tr073s6_mob	Travel mode sexually harassed: Private car, van, carpool, truck, SUV	TRANSPORTATION SAFETY HARASSMENT SEXUAL CAR
tr073s7_mob	Travel mode sexually harassed: Ride-hailing service (Uber, Lyft, etc.)	TRANSPORTATION SAFETY HARASSMENT SEXUAL RIDE HAILING
tr073s8_mob	Travel mode sexually harassed: Taxi, limo, or hired car service	TRANSPORTATION SAFETY HARASSMENT SEXUAL TAXI LIMO
tr073s9_mob	Travel mode sexually harassed: Metro light rail/subway	TRANSPORTATION SAFETY HARASSMENT SEXUAL METRO
tr073s10_mob	Travel mode sexually harassed: Public bus	TRANSPORTATION SAFETY HARASSMENT SEXUAL BUS
tr073s11_mob	Travel mode sexually harassed: Metrolink or Amtrak train	TRANSPORTATION SAFETY HARASSMENT SEXUAL METROLINK AMTRAK
tr073s12_mob	Travel mode sexually harassed: Dial-A-Ride (paratransit)	TRANSPORTATION SAFETY HARASSMENT

		SEXUAL
		DIAL-A-RIDE
tr073s13_mob	Travel mode sexually harassed: Other. Please specify: tr073_other	TRANSPORTATION SAFETY HARASSMENT
tr073_mob	modes of transportation sexual harassment or sexual assault	TRANSPORTATION SAFETY HARASSMENT
tr074_mob	experienced non-sexual harassment or assault	TRANSPORTATION SAFETY HARASSMENT
tr075s1_mob	Travel mode non-sexually harassed: Walking	TRANSPORTATION SAFETY HARASSMENT WALK
tr075s2_mob	Travel mode non-sexually harassed: Skateboard or kick scooter	TRANSPORTATION SAFETY HARASSMENT HUMAN POWERED SKATEBOARD/SCOOTER
tr075s3_mob	Travel mode non-sexually harassed: Bicycle or bikeshare (non-electric)	TRANSPORTATION SAFETY HARASSMENT HUMAN POWERED BIKE
tr075s4_mob	Travel mode non-sexually harassed: Electric scooter, electric bike, or electric	TRANSPORTATION SAFETY HARASSMENT ELECTRIC SCOOTER/BIKE/SKATEBOAR D
tr075s5_mob	Travel mode non-sexually harassed: Motorcycle or moped	TRANSPORTATION SAFETY HARASSMENT MOTORCYCLE MOPED
tr075s6_mob	Travel mode non-sexually harassed: Private car, van, carpool, truck, SUV	TRANSPORTATION SAFETY HARASSMENT CAR
tr075s7_mob	Travel mode non-sexually harassed: Ride-hailing service (Uber, Lyft, etc.)	TRANSPORTATION SAFETY HARASSMENT RIDE HAILING
tr075s8_mob	Travel mode non-sexually harassed: Taxi, limo, or hired car service	TRANSPORTATION SAFETY HARASSMENT TAXI

		LIMO
tr075s9_mob	Travel mode non-sexually harassed: Metro light rail/subway	TRANSPORTATION SAFETY HARASSMENT METRO
tr075s10_mob	Travel mode non-sexually harassed: Public bus	TRANSPORTATION SAFETY HARASSMENT BUS
tr075s11_mob	Travel mode non-sexually harassed: Metrolink or Amtrak train	TRANSPORTATION SAFETY HARASSMENT METROLINK AMTRAK
tr075s12_mob	Travel mode non-sexually harassed: Dial-A-Ride (paratransit)	TRANSPORTATION SAFETY HARASSMENT DIAL-A-RIDE
tr075s13_mob	Travel mode non-sexually harassed: Other. Please specify: tr075_other	TRANSPORTATION SAFETY HARASSMENT
tr075_mob	modes of transportation non-sexual harassment or assault	TRANSPORTATION SAFETY HARASSMENT
tr080_mob[2]	Safety from getting Covid: how safe covid riding or waiting bus	TRANSPORTATION SAFETY COVID BUS
tr081_mob[2]	Safety from getting Covid: how safe covid metro	TRANSPORTATION SAFETY COVID METRO
tr082_mob[2]	Safety from getting Covid: how safe covid ride-hailing service (e.g. Uber, Lyft)	TRANSPORTATION SAFETY COVID RIDE HAILING
tr084_mob[2]	Safety from getting Covid: how safe covid driving private vehicle	TRANSPORTATION SAFETY COVID CAR
he001_mob[1]	overall health	HEALTH
he002_mob[1]	how tall	HEALTH HEIGHT
he002_feet_mob	how tall feet	HEALTH HEIGHT
he002_inches_mob	how tall inches	HEALTH HEIGHT

he002_cm_mob	how tall centimeters	HEALTH HEIGHT
he003_mob[1]	weight	HEALTH WEIGHT
he003_pounds_mob	weight pounds	HEALTH WEIGHT
he003_kg_mob	weight kilograms	HEALTH WEIGHT
he004_mob[1]	told by doctor diabetes or sugar diabetes	HEALTH DIABETES
he005_mob[1]	smoked at least 100 cigarettes in entire life	HEALTH BEHAVIOR
he006_mob[1]	smoke now	HEALTH BEHAVIOR
he007_mob[1]	past 2 years delayed or unable to pay mortgage or rent	HOME COST AFFORDABILITY
he008_mob[1]	how often get social and emotional support needed	HEALTH SOCIAL SUPPORT
he009_mob[1]	how many days drove car	TRANSPORTATION CAR
he009_days_mob	number of days drove car	TRANSPORTATION CAR
he010_mob[1]	how often read or sent text message or email while driving	TRANSPORTATION CAR SAFETY

[1]Indicates the variable only appears in wave 1.
[2]Indicates the variable only appears in wave 2.

3.2.3 Sustainability and Resiliency

The LABarometer Sustainability and Resiliency Survey (Sustainability Survey for short), assess the attitudes, knowledge, and behaviors of LA County residents with respect to sustainable practices in their home and neighborhood. Broad areas of coverage include environmental awareness, disaster preparedness, and personal adaptations to climate change. The first Sustainability Survey was fielded from June 3, 2020 to July 13, 2020. The second wave of the survey was fielded from July 19 2021 to September 5, 2021. Keywords for specific topics covered are listed below:

Keywords: Home, neighborhood, heat, employment, health, climate change, sustainability, school, transportation, disaster response, disaster impact, collectivism, amenities, cooling, location, opinion, behavior, asthma, air quality, water quality, benefits, car, social capital, economic, insecurity, collective efficacy, ride-hailing, taxi, public, human powered, electric,

motorcycle, policy awareness, appliances, physical, heating, hospital, energy, medication, wildfire, hydrogen, hybrid, insecurity, social life, scooter/bike/skateboard, moped, bus, Metro, Metrolink, Amtrak, Dial-A-Ride, Amtrak, bike, affordability, accessibility, and safety.

Table 4: LAB Sustainability Survey Variables

Variable Name	Variable Label	Keywords
ht001a_sus	Home: Central air conditioning	HOME AMENITIES APPLIANCES
ht001b_sus	Home: Other type of air conditioner (window, portable, etc.)	HOME AMENITIES APPLIANCES
ht001c_sus	Home: Fan (window, ceiling, portable, etc.)	HOME AMENITIES APPLIANCES
ht001d_sus	Home: Forced heating system (heat coming from vents in the wall or floor)	HOME AMENITIES APPLIANCES
ht001e_sus	Home: Other type of heater (portable, floor heating, etc.)	HOME AMENITIES APPLIANCES
ht001f_sus	Home: Gas stove	HOME AMENITIES APPLIANCES
ht001g_sus	Home: Electric stove	HOME AMENITIES APPLIANCES
ht001h_sus	Home: Induction stove	HOME AMENITIES APPLIANCES
ht002_sus	If gas stove: working vent or range hood	HOME AMENITIES APPLIANCES
ht003_sus	If electric stove: working vent or range hood	HOME AMENITIES APPLIANCES
ht004_sus	If induction stove: working vent or range hood	HOME AMENITIES APPLIANCES
ht005a_sus	Home: Broken air conditioner	HOME AMENITIES APPLIANCES
ht005b_sus	Home: Broken heating system	HOME AMENITIES APPLIANCES
ht005c_sus	Home: Inadequate air conditioning	HOME

		AMENITIES
		APPLIANCES
ht005d_sus	Home: Inadequate heating system	HOME AMENITIES APPLIANCES
ht005e_sus	Home: Inadequate insulation (drafty windows, gap between doors and floor, etc.)	HOME AMENITIES
ht005f_sus	Home: Inability to afford using or repairing air conditioner	HOME AMENITIES APPLIANCES
ht005g_sus	Home: Inability to afford using or repairing heater	HOME AMENITIES APPLIANCES
ht005h_sus	Home: Poor ventilation (lack of air flow, poor indoor air quality)	HOME AMENITIES
ht006a_sus	enough trees in my neighborhood to provide adequate shade	NEIGHBORHOOD AMENITIES PHYSICAL
ht006b_sus	bus and/or Metro stops in neighborhood are well-shaded	NEIGHBORHOOD AMENITIES PHYSICAL TRANSPORTATION
ht007a_sus[b]	Visited to cool off: Mall or store	HEAT COOLING
ht007b_sus[b]	Visited to cool off: Library	HEAT COOLING
ht007c_sus[b]	Visited to cool off: Community center	HEAT COOLING
ht007d_sus[b]	Visited to cool off: Senior center	HEAT COOLING
ht007e_sus[b]	Visited to cool off: Indoor recreation center	HEAT COOLING
ht007f_sus[b]	Visited to cool off: Park or other outdoor recreational space	HEAT COOLING
ht007g_sus[b]	Visited to cool off: Home of a friend, neighbor, or family member	HEAT COOLING
ht007h_sus[b]	Visited to cool off: Restaurant, food court, or caf	HEAT COOLING
ht007i_sus[b]	Visited to cool off: Pool or beach	HEAT COOLING
ht007j_sus[b]	Visited to cool off: other place for shade	HEAT COOLING
ht008_sus[a]	Current labor status	EMPLOYMENT
ht009a_sus	Workplace: Windows that can be opened	EMPLOYMENT AMENITIES COOLING
ht009b_sus	Workplace: Central air conditioning	EMPLOYMENT

		AMENITIES COOLING
ht009c_sus	Workplace: Other type of air conditioner (window, portable, etc.)	EMPLOYMENT AMENITIES COOLING
ht009d_sus	Workplace: Forced heating system (heat coming from vents in the wall or floor)	EMPLOYMENT AMENITIES HEATING
ht009e_sus	Workplace: Other type of heater (portable, floor heating, etc.)	EMPLOYMENT AMENITIES HEATING
ht009f_sus	Workplace: Fan	EMPLOYMENT AMENITIES COOLING
ht010_sus[c]	Workplace: number of hours required to be outdoors	EMPLOYMENT LOCATION
ht011a_sus[d]	Outdoor workplace: Paid sick leave	EMPLOYMENT HEAT BENEFITS
ht011b_sus[d]	Outdoor workplace: Additional break time on extremely hot days	EMPLOYMENT HEAT BENEFITS
ht011c_sus[d]	Outdoor workplace: Sun protective clothing	EMPLOYMENT HEAT
ht011d_sus[d]	Outdoor workplace: Sunscreen	EMPLOYMENT HEAT
ht011e_sus[d]	Outdoor workplace: Hat	EMPLOYMENT HEAT
ht011f_sus[d]	Outdoor workplace: Sunglasses	EMPLOYMENT HEAT
ht011g_sus[d]	Outdoor workplace: Shade from the sun	EMPLOYMENT HEAT COOLING
ht011h_sus[d]	Outdoor workplace: Portable fan	EMPLOYMENT HEAT COOLING
ht011i_sus[2d]	Outdoor workplace: Portable air conditioner	EMPLOYMENT HEAT COOLING
ht011j_sus[2d]	Outdoor workplace: Portable heater	EMPLOYMENT HEAT HEATING
ht012a_sus	Heat symptom: High body temperature (103 F or higher)	HEALTH HEAT
ht012b_sus	Heat symptom: Hot, red, dry, or damp skin	HEALTH HEAT
ht012c_sus	Heat symptom: Cold, pale, and clammy skin	HEALTH HEAT

		HEALTH
ht012d_sus	Heat symptom: Fast, strong pulse	HEAT
ht012e_sus	Heat symptom: Fast, weak pulse	HEALTH HEAT
ht012f_sus	Heat symptom: Headache	HEALTH HEAT
ht012g_sus	Heat symptom: Dizziness	HEALTH HEAT
ht012h_sus	Heat symptom: Nausea	HEALTH HEAT
ht012i_sus	Heat symptom: Vomiting	HEALTH HEAT
ht012j_sus	Heat symptom: Confusion	HEALTH HEAT
ht012k_sus	Heat symptom: Passing out (fainting, losing consciousness)	HEALTH HEAT
ht012l_sus	Heat symptom: Heavy sweating	HEALTH HEAT
ht012m_sus	Heat symptom: Muscle pain or spasms	HEALTH HEAT
ht012n_sus	Heat symptom: Tiredness or weakness	HEALTH HEAT
ht012o_sus	Heat symptom: Sunburn (painful, red, and warm skin; blisters)	HEALTH HEAT
ht012p_sus	Heat symptom: Heat rash (red clusters of small blisters that look like pimples)	HEALTH HEAT
ht014a_sus	Hospitalized: Heat stroke	HEALTH HEAT HOSPITAL
ht014b_sus	Hospitalized: Heat exhaustion	HEALTH HEAT HOSPITAL
ht014c_sus	Hospitalized: Fainting due to overheating	HEALTH HEAT HOSPITAL
ht014d_sus	Hospitalized: Heat cramps	HEALTH HEAT HOSPITAL
ht014e_sus	Hospitalized: Heat rash	HEALTH HEAT HOSPITAL
ht015a_sus	How often heat symptom: how often High body temperature (103 F or higher)	HEALTH HEAT
ht015b_sus	How often heat symptom: how often Hot, red, dry, or damp skin	HEALTH HEAT
ht015c_sus	How often heat symptom: how often Cold, pale, and clammy skin	HEALTH HEAT

ht015d_sus	How often heat symptom: how often Fast, strong pulse	HEALTH HEAT
ht015e_sus	How often heat symptom: how often Fast, weak pulse	HEALTH HEAT
ht015f_sus	How often heat symptom: how often Headache	HEALTH HEAT
ht015g_sus	How often heat symptom: how often Dizziness	HEALTH HEAT
ht015h_sus	How often heat symptom: how often Nausea	HEALTH HEAT
ht015i_sus	How often heat symptom: how often Vomiting	HEALTH HEAT
ht015j_sus	How often heat symptom: how often Confusion	HEALTH HEAT
ht015k_sus	How often heat symptom: how often Passing out (fainting, losing consciousness)	HEALTH HEAT
ht015l_sus	How often heat symptom: how often Heavy sweating	HEALTH HEAT
ht015m_sus	How often heat symptom: how often Muscle pain or spasms	HEALTH HEAT
ht015n_sus	How often heat symptom: how often Tiredness or weakness	HEALTH HEAT
ht015o_sus	How often heat symptom: how often Sunburn (painful, red, and warm skin; blisters	HEALTH HEAT
ht015p_sus	How often heat symptom: how often Heat rash (red clusters of small blisters that	HEALTH HEAT
ht016a_sus[2]	Work outdoors covered by structure	EMPLOYMENT LOCATION
ht016b_sus[2]	Work outdoors, with no cover	EMPLOYMENT LOCATION
ht016c_sus[2]	Work indoors	EMPLOYMENT LOCATION
ht016d_sus[2]	Work in a closed vehicle (like a car)	EMPLOYMENT LOCATION
ht016e_sus[2]	Work in an open vehicle (like a tractor)	EMPLOYMENT LOCATION
st001a_sus	Climate change is a threat to the well-being of residents in Los Angeles County	CLIMATE CHANGE OPINION
st001b_sus	Climate change is caused mostly by human activities	CLIMATE CHANGE OPINION
st001c_sus	My individual actions can make a difference in fighting climate change	CLIMATE CHANGE OPINION
st001d_sus	Local government is doing enough to fight climate change	CLIMATE CHANGE OPINION
st002a_sus	Home has: Solar panels	HOME AMENITIES ENERGY

		SUSTAINABILITY
st002b_sus	Home has: Solar water heater	HOME AMENITIES ENERGY SUSTAINABILITY
st002c_sus	Home has: Wind turbine	HOME AMENITIES ENERGY SUSTAINABILITY
st002d_sus	Home has: Geothermal heat pump	HOME AMENITIES ENERGY SUSTAINABILITY
st002e_sus	Home has: Fuel-cell equipment	HOME AMENITIES ENERGY SUSTAINABILITY
st002f_sus	Home has: Low-flow plumbing fixtures	HOME AMENITIES ENERGY SUSTAINABILITY
st002g_sus	Home has: Tankless water heater	HOME AMENITIES ENERGY SUSTAINABILITY
st002h_sus	Home has: LED or CFL light bulbs	HOME AMENITIES ENERGY SUSTAINABILITY
st002i_sus	Home has: Daylights (skylights, light shelves, light tubes, etc.)	HOME AMENITIES ENERGY SUSTAINABILITY
st002j_sus	Home has: Ceiling fan	HOME AMENITIES ENERGY SUSTAINABILITY
st002k_sus	Home has: Programmable thermostat	HOME AMENITIES ENERGY SUSTAINABILITY
st002l_sus	Home has: Well-insulated windows and/or doors	HOME AMENITIES ENERGY SUSTAINABILITY
st002m_sus	Home has: Energy-efficient appliances and/or electronics	HOME AMENITIES ENERGY

		SUSTAINABILITY
st002n_sus	Home has: Energy-efficient landscaping	HOME AMENITIES ENERGY SUSTAINABILITY
st003a_sus	How often: recycle	SUSTAINABILITY BEHAVIOR
st003b_sus	How often: compost	SUSTAINABILITY BEHAVIOR
st003c_sus	How often: limit your car usage	SUSTAINABILITY BEHAVIOR
st003d_sus	How often: limit your water usage	SUSTAINABILITY BEHAVIOR
st003e_sus	How often: limit your electricity usage	SUSTAINABILITY BEHAVIOR
st003f_sus	How often: limit your food waste	SUSTAINABILITY BEHAVIOR
st003g_sus	How often: limit or eliminate your consumption of meat	SUSTAINABILITY BEHAVIOR
st003h_sus[e]	How often: buy or eat food grown in southern California	SUSTAINABILITY BEHAVIOR
st003i_sus	How often: buy or eat organic food	SUSTAINABILITY BEHAVIOR
st003j_sus	How often: buy or eat sustainably-sourced food (food produced in an environmenta	SUSTAINABILITY BEHAVIOR
st003k_sus	How often: buy or eat low- or un-processed food	SUSTAINABILITY BEHAVIOR
st003l_sus[f]	How often: limit your use of food and products that come in a lot of packaging	SUSTAINABILITY BEHAVIOR
st003m_sus	How often: limit your use of plastic	SUSTAINABILITY BEHAVIOR
st003p_sus	How often: hang your clothes to dry instead of using the dryer	SUSTAINABILITY BEHAVIOR
st003q_sus	How often: limit your use of air conditioning, even when it is hot	SUSTAINABILITY BEHAVIOR
pl001_sus	Taken medication or used inhaler for asthma in past 12 months	HEALTH ASTHMA MEDICATION
pl002_sus	how safe air quality in home for breathing	HOME AIR QUALITY
pl003_sus	how safe air quality in neighborhood for breathing	NEIGHBORHOOD AIR QUALTY
pl004_sus	how safe water quality in neighborhood for drinking	NEIGHBORHOOD WATER QUALITY
pl005_sus	Avoided going outside due to wildfire in last 12 months	NEIGHBORHOOD AIR QUALTY WILDFIRE

pl006_sus	Avoided going outside not due to wildfire in last 12 months	NEIGHBORHOOD AIR
pl007_sus	Avoided specific place due to air quality concerns in last 12 months	NEIGHBORHOOD AIR
pl008_sus[2]	how safe air quality in places of work for breathing	EMPLOYMENT AIR QUALITY
tr001_sus[g]	employer have a commuter benefit program	EMPLOYMENT BENEFITS
tr002_sus	school have a commuter benefit program	SCHOOL BENEFITS
tr003_sus	enrolled in the commuter benefit program provided by employer	EMPLOYMENT BENEFITS
tr004_sus	enrolled in the commuter benefit program provided by school	SCHOOL BENEFITS
tr005a_sus	Currently own or lease electric car	TRANSPORTATION CAR ELECTRIC
tr005b_sus	Currently own or lease hydrogen car	TRANSPORTATION CAR HYDROGEN
tr005c_sus	Currently own or lease hybrid car	TRANSPORTATION CAR HYBRID
tr006_sus	How likely to purchase/lease electric car	TRANSPORTATION CAR
tr007s1_sus[h]	Why unlikely to get electric car: Too expensive	TRANSPORTATION CAR ELECTRIC AFFORDABILITY
tr007s2_sus[h]	Why unlikely to get electric car: I dont like the design/look	TRANSPORTATION CAR ELECTRIC
tr007s3_sus[h]	Why unlikely to get electric car: Concerned about safety	TRANSPORTATION CAR ELECTRIC SAFETY
tr007s4_sus[h]	Why unlikely to get electric car: Concerned about running out of power	TRANSPORTATION CAR ELECTRIC
tr007s5_sus[h]	Why unlikely to get electric car: Concerned about performance (speed, accelerati	TRANSPORTATION CAR ELECTRIC
tr007s6_sus[h]	Why unlikely to get electric car: Prefer the look and/or feel of gas-powered car	TRANSPORTATION CAR ELECTRIC

tr007s7_sus[h]	Why unlikely to get electric car: Not knowledgeable about electric cars	TRANSPORTATION CAR ELECTRIC
tr007s8_sus[h]	Why unlikely to get electric car: I dont have easy access to charging stations	TRANSPORTATION CAR ELECTRIC ACCESSIBILITY
tr007s9_sus[h]	Why unlikely to get electric car: Concerned about maintenance costs	TRANSPORTATION CAR ELECTRIC AFFORDABILITY
tr007s11_sus[h]	Why unlikely to get electric car: Concerned about the cost of fuel/electricity	TRANSPORTATION CAR ELECTRIC AFFORDABILITY
tr007s10_sus[h]	Why unlikely to get electric car: Other. Please specify: tr007_other	TRANSPORTATION CAR ELECTRIC
tr007_sus[h]	Why unlikely to get electric car: combined	TRANSPORTATION CAR ELECTRIC
tr008s1_sus[i]	Why likely to get electric car: Low fuel costs	TRANSPORTATION CAR ELECTRIC AFFORDABILITY
tr008s2_sus[i]	Why likely to get electric car: I like the design/look	TRANSPORTATION CAR ELECTRIC
tr008s3_sus[i]	Why likely to get electric car: Low carbon dioxide (greenhouse gas) emissions	TRANSPORTATION CAR ELECTRIC SUSTAINABILITY
tr008s4_sus[i]	Why likely to get electric car: Government subsidies - tax credit, rebate	TRANSPORTATION CAR ELECTRIC AFFORDABILITY
tr008s5_sus[i]	Why likely to get electric car: Energy efficiency	TRANSPORTATION CAR ELECTRIC SUSTAINABILITY
tr008s6_sus[i]	Why likely to get electric car: Resale value	TRANSPORTATION CAR ELECTRIC
tr008s7_sus[i]	Why likely to get electric car: Carpool lane access	TRANSPORTATION CAR ELECTRIC
tr008s8_sus[i]	Why likely to get electric car: Performance (speed, acceleration, etc.)	TRANSPORTATION CAR

		ELECTRIC
tr008s10_sus[i]	Why likely to get electric car: Low maintenance costs	TRANSPORTATION CAR ELECTRIC AFFORDABILITY
tr008s9_sus[i]	Why likely to get electric car: Other. Please specify: tr008_other	TRANSPORTATION CAR ELECTRIC
tr008_sus[i]	Why likely to get electric car: combined	TRANSPORTATION CAR ELECTRIC
tr009_sus[ii]	How likely to get hybrid car	TRANSPORTATION CAR HYBRID
tr010s1_sus[h]	Why unlikely to get hybrid car: Too expensive	TRANSPORTATION CAR HYBRID AFFORDABILITY
tr010s2_sus[h]	Why unlikely to get hybrid car: I dont like the design/look	TRANSPORTATION CAR HYBRID
tr010s3_sus[h]	Why unlikely to get hybrid car: Concerned about safety	TRANSPORTATION CAR HYBRID SAFETY
tr010s4_sus[h]	Why unlikely to get hybrid car: Concerned about running out of power	TRANSPORTATION CAR HYBRID
tr010s5_sus[h]	Why unlikely to get hybrid car: Concerned about performance (speed, acceleration	TRANSPORTATION CAR HYBRID
tr010s6_sus[h]	Why unlikely to get hybrid car: Prefer the look and/or feel of gas-powered cars	TRANSPORTATION CAR HYBRID
tr010s7_sus[h]	Why unlikely to get hybrid car: Not knowledgeable about hybrid cars	TRANSPORTATION CAR HYBRID
tr010s8_sus[h]	Why unlikely to get hybrid car: I dont have easy access to charging stations	TRANSPORTATION CAR HYBRID ACCESSIBILITY
tr010s9_sus[h]	Why unlikely to get hybrid car: Concerned about maintenance costs	TRANSPORTATION CAR HYBRID AFFORDABILITY
tr010s12_sus[h]	Why unlikely to get hybrid car: Concerned about the cost of fuel/electricity	TRANSPORTATION CAR HYBRID

		AFFORDABILITY
tr010s10_sus[h]	Why unlikely to get hybrid car: I plan to purchase or lease an electric car inst	TRANSPORTATION CAR HYBRID ELECTRIC
tr010s11_sus[h]	Why unlikely to get hybrid car: Other. Please specify: tr010_other	TRANSPORTATION CAR HYBRID
tr010_sus[h]	Why unlikely to get hybrid car: combined	TRANSPORTATION CAR HYBRID
tr011s1_sus[i]	Why likely to get hybrid car: Low fuel costs	TRANSPORTATION CAR HYBRID AFFORDABILITY
tr011s2_sus[i]	Why likely to get hybrid car: I like the design/look	TRANSPORTATION CAR HYBRID
tr011s3_sus[i]	Why likely to get hybrid car: Low carbon dioxide (greenhouse gas) emissions	TRANSPORTATION CAR HYBRID SUSTAINABILITY
tr011s4_sus[i]	Why likely to get hybrid car: Government subsidies - tax credit, rebate	TRANSPORTATION CAR HYBRID AFFORDABILITY
tr011s5_sus[i]	Why likely to get hybrid car: Energy efficiency	TRANSPORTATION CAR HYBRID SUSTAINABILITY
tr011s6_sus[i]	Why likely to get hybrid car: Resale value	TRANSPORTATION CAR HYBRID AFFORDABILITY
tr011s7_sus[i]	Why likely to get hybrid car: Carpool lane access	TRANSPORTATION CAR HYBRID
tr011s8_sus[i]	Why likely to get hybrid car: Performance (speed, acceleration, etc.)	TRANSPORTATION CAR HYBRID
tr011s10_sus[i]	Why likely to get hybrid car: Low maintenance costs	TRANSPORTATION CAR HYBRID AFFORDABILITY
tr011s9_sus[i]	Why likely to get hybrid car: Other. Please specify: tr011_other	TRANSPORTATION CAR HYBRID

tr011_sus[i]	Why likely to get hybrid car: combined	TRANSPORTATION CAR HYBRID
ds001_sus	how prepared for natural disaster	DISASTER RESPONSE
ds002a_sus	household developed an emergency response plan	DISASTER RESPONSE
ds002b_sus	discussed an emergency response plan with neighbors	DISASTER RESPONSE SOCIAL CAPITAL
ds002c_sus	household have a 3-day supply of non-perishable food and water	DISASTER RESPONSE
ds002d_sus	have a backpack filled with supplies ready to take in case of an emergency	DISASTER RESPONSE
ds002e_sus	household have an emergency radio	DISASTER RESPONSE
ds002f_sus	able to safely evacuate on its own	DISASTER RESPONSE
ds002g_sus	comfortable reaching out to neighbors for help during an emergency	DISASTER RESPONSE SOCIAL CAPITAL
ds002h_sus[2]	know someone outside neighborhood help stay healthy and safe during an emergenc	DISASTER RESPONSE SOCIAL CAPITAL
im001s1_sus[2]	Disaster impact: Loss of income due to inability to work	DISASTER IMPACT ECONOMIC INSECURITY
im001s2_sus[2]	Disaster impact: Health problem(s)	DISASTER IMPACT HEALTH
im001s3_sus[2]	Disaster impact: Loss or destruction of property	DISASTER IMPACT INSECURITY
im001s4_sus[2]	Disaster impact: Loss or destruction of possessions	DISASTER IMPACT INSECURITY
im001s5_sus[2]	Disaster impact: Increased utility expenses	DISASTER IMPACT ECONOMIC INSECURITY
im001s6_sus[2]	Disaster impact: Temporary evacuation	DISASTER IMPACT HOUSING INSECURITY
im001s7_sus[2]	Disaster impact: None of the above	DISASTER IMPACT
im001_sus[2]	experienced impacts due to natural disaster	DISASTER IMPACT
im002_sus[2]	natural disaster difficult to afford household expenses	DISASTER IMPACT ECONOMIC INSECURITY
im003a_sus[2]	Anxiety due to natural disaster	DISASTER IMPACT HEALTH
im003b_sus[2]	Depression due to natural disaster	DISASTER IMPACT HEALTH
im003c_sus[2]	Prolonged fatigue due to natural disaster	DISASTER IMPACT HEALTH
im003d_sus[2]	High stress due to natural disaster	DISASTER IMPACT HEALTH

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cl001a_sus[2]	To understand who I am, you must see me with members of my community	COLLECTIVISM
cl001b_sus[2]	To me, pleasure is spending time with others	COLLECTIVISM
cl001c_sus[2]	I would help, within my means, if a family member were in financial difficulty	COLLECTIVISM
cl001d_sus[2]	I make an effort to avoid disagreements with members of my community	COLLECTIVISM
cl001e_sus[2]	Before making a decision, I always consult with others	COLLECTIVISM
cl001f_sus[2]	How I behave depends on who I am with, where I am, or both	COLLECTIVISM
cl001g_sus[2]	I have respect for the authority figures with whom I interact	COLLECTIVISM
cl001h_sus[2]	I would rather do a group project than do one alone	COLLECTIVISM
tp004_sus	how many days currently working	EMPLOYMENT
tp005_sus	how many days working from home currently	EMPLOYMENT LOCATION HOME
cm001a_sus	people in neighborhood help each other	NEIGHBORHOOD COLLECTIVE EFFICACY SOCIAL LIFE
cm001b_sus	neighborhood has the resources it needs to take care of neighborhood problems	NEIGHBORHOOD COLLECTIVE EFFICACY SOCIAL LIFE
cm001c_sus	neighborhood has effective leaders	NEIGHBORHOOD COLLECTIVE EFFICACY SOCIAL LIFE
cm001d_sus	people in neighborhood communicate with leaders who can help improve the neighbo	NEIGHBORHOOD COLLECTIVE EFFICACY SOCIAL LIFE
cm001e_sus	people in neighborhood discuss issues and work together on solutions to improve	NEIGHBORHOOD COLLECTIVE EFFICACY SOCIAL LIFE
cm001f_sus	neighborhood tries to prevent and prepare for future disasters	NEIGHBORHOOD COLLECTIVE EFFICACY SOCIAL LIFE
cm001g_sus	neighborhood has services and programs to help people during and after a disaste	NEIGHBORHOOD COLLECTIVE EFFICACY SOCIAL LIFE
tp001_sus[a]	February 1 labor status	EMPLOYMENT
tp002_sus[1]	how many days working	EMPLOYMENT
tp003_sus[1]	how many days working from home	EMPLOYMENT LOCATION HOME
tp006_sus[1]	how many days like to work from home September	EMPLOYMENT LOCATION HOME

tp007_sus[1]	how many days expect to be able to work from home September	EMPLOYMENT LOCATION HOME
tp008_sus[1]	laid off how many days would like to work from home September	EMPLOYMENT LOCATION HOME
tp009_sus[1]	laid off how many days expect to be able to work from home September	EMPLOYMENT LOCATION HOME
tp010_sus[1]	kind of job hoping to get	EMPLOYMENT
tp011s1_sus[1]	Transport mode used since Apr 2020: Private vehicle (car, van, carpool, truck, S	TRANSPORTATION CAR
tp011s2_sus[1]	Transport mode used since Apr 2020: Ride-hailing service (e.g. Uber, Lyft) - as	TRANSPORTATION RIDE-HAILING
tp011s3_sus[1]	Transport mode used since Apr 2020: Taxi, limo, hired car service - as passenger	TRANSPORTATION TAXI
tp011s4_sus[1]	Transport mode used since Apr 2020: Public transportation (i.e. bus, light rail/	TRANSPORTATION PUBLIC
tp011s5_sus[1]	Transport mode used since Apr 2020: Walk, skateboard, or kick scooter	TRANSPORTATION HUMAN POWERED
tp011s6_sus[1]	Transport mode used since Apr 2020: Bicycle or bikeshare (non-electric)	TRANSPORTATION HUMAN POWERED
tp011s7_sus[1]	Transport mode used since Apr 2020: Electric scooter, electric bike, or electric	TRANSPORTATION ELECTRIC SCOOTER/BIKE/SKATEBOARD
tp011s8_sus[1]	Transport mode used since Apr 2020: Motorcycle or moped - as driver or passenger	TRANSPORTATION MOTORCYCLE MOPED
tp011s9_sus[1]	Transport mode used since Apr 2020: Other (shuttle, commercial vehicle, boat, et	TRANSPORTATION
tp011_sus[1]	Transport mode used since Apr 2020: combined	TRANSPORTATION
tp012s1_sus[1]	If used public transport, mode: Bus	TRANSPORTATION PUBLIC BUS
tp012s2_sus[1]	If used public transport, mode: Metro light rail/subway (Metro Red, Green, Gold,	TRANSPORTATION PUBLIC METRO
tp012s3_sus[1]	If used public transport, mode: Metrolink train	TRANSPORTATION PUBLIC METROLINK
tp012s4_sus[1]	If used public transport, mode: Amtrak train	TRANSPORTATION PUBLIC AMTRAK
tp012s5_sus[1]	If used public transport, mode: Dial-A-Ride (paratransit)	TRANSPORTATION PUBLIC DIAL-A-RIDE

tp012s6_sus[1]	If used public transport, mode: Other, please specify: tp012_other	TRANSPORTATION PUBLIC
tp012_sus[1]	If used public transport, mode: combined	TRANSPORTATION PUBLIC
tp013_sus[1]	how many days in private vehicle since Apr 2020	TRANSPORTATION CAR
tp014_sus1	how many days use ride hailing service since Apr 2020	TRANSPORTATION RIDE-HAILING
tp015_sus[1]	how many days use taxi or limo since Apr 2020	TRANSPORTATION TAXI
tp016_sus[1]	how many days ride bus since Apr 2020	TRANSPORTATION PUBLIC BUS
tp017_sus[1]	how many days ride metrolight since Apr 2020	TRANSPORTATION PUBLIC METRO
tp018_sus[1]	how many days ride metrolink since Apr 2020	TRANSPORTATION PUBLIC METROLINK
tp019_sus[1]	how many days ride amtrak since Apr 2020	TRANSPORTATION PUBLIC AMTRAK
tp020_sus[1]	how many days use dial-a-ride since Apr 2020	TRANSPORTATION PUBLIC DIAL-A-RIDE
tp021_sus[1]	how many days walk, skateboard, or use a kick scooter since Apr 2020	TRANSPORTATION HUMAN POWERED
tp022_sus[1]	how many days use non-electric bicycle or bikeshare since Apr 2020	TRANSPORTATION HUMAN POWERED BIKE
tp023_sus[1]	how many days use electric scooter, bike or skateboard since Apr 2020	TRANSPORTATION ELECTRIC BIKE/SCOOTER
tp024_sus[1]	how many days use motorcycle since Apr 2020	TRANSPORTATION MOTORCYCLE
tp025s1_sus[1]	Plan to use: Private vehicle (car, van, carpool, truck, SUV) - as driver or pass	TRANSPORTATION CAR
tp025s2_sus[1]	Plan to use: Ride-hailing service (e.g. Uber, Lyft) - as passenger	TRANSPORTATION RIDE-HAILING
tp025s3_sus[1]	Plan to use: Taxi, limo, hired car service - as passenger	TRANSPORTATION TAXI
tp025s4_sus[1]	Plan to use: Public transportation (i.e. bus, light rail/subway, train, dial-a-r	TRANSPORTATION PUBLIC
tp025s5_sus[1]	Plan to use: Walk, skateboard, or kick scooter	TRANSPORTATION HUMAN POWERED
tp025s6_sus[1]	Plan to use: Bicycle or bikeshare (non-electric)	TRANSPORTATION HUMAN POWERED BIKE

tp025s7_sus[1]	Plan to use: Electric scooter, electric bike, or electric skateboard (e.g. Bird,	TRANSPORTATION ELECTRIC SCOOTER/BIKE/SKATEBOARD
tp025s8_sus[1]	Plan to use: Motorcycle or moped - as driver or passenger	TRANSPORTATION MOTORCYCLE
tp025s9_sus[1]	Plan to use: Other (shuttle, commercial vehicle, boat, etc.), please specify: tp	TRANSPORTATION
tp025_sus[1]	Plan to use: combined	TRANSPORTATION
tp026s1_sus[1]	Plan to use public transport, mode: Bus	TRANSPORTATION PUBLIC BUS
tp026s2_sus[1]	Plan to use public transport, mode: Metro light rail/subway (Metro Red, Green, G	TRANSPORTATION PUBLIC METRO
tp026s3_sus[1]	Plan to use public transport, mode: Metrolink train	TRANSPORTATION PUBLIC METROLINK
tp026s4_sus[1]	Plan to use public transport, mode: Amtrak train	TRANSPORTATION PUBLIC AMTRAK
tp026s5_sus[1]	Plan to use public transport, mode: Dial-A-Ride (paratransit)	TRANSPORTATION PUBLIC DIAL-A-RIDE
tp026s6_sus[1]	Plan to use public transport, mode: Other, please specify: tp026_other	TRANSPORTATION PUBLIC
tp026_sus[1]	Plan to use public transport, mode: combined	TRANSPORTATION PUBLIC
st004a_sus[1]	Heard/read about: Tax credit for owning or leasing an electric car	TRANSPORTATION CAR POLICY AWARENESS
st004b_sus[1]	Heard/read about: Cash rebate for owning or leasing an electric car	TRANSPORTATION CAR POLICY AWARENESS
st004c_sus[1]	Heard/read about: Tax credit for installing solar panels, solar water heaters, w	HOME POLICY AWARENESS SUSTAINABILITY
st004d_sus[1]	Heard/read about: Tax credit for improving energy efficiency of home (e.g. bette	HOME POLICY AWARENESS SUSTAINABILITY

[1] Indicates the variable only appears in wave 1.

[2] Indicates the variable only appears in wave 2.

[a] tp001 and ht008 are the same variable, renamed between waves. The variable tp001 is the name of the variable in wave 1, and the variable ht008 is the name of the variable in wave 2.

[b] Added language "Please check all that apply" in wave 2.

[c] Removed "none" response option in wave 2.

Changed wording from "Are any of the following provided by your employer(s)?" (wave 1) to "Are any of the following available to you at your outdoor place(s) of work? Please check all that apply" (wave 2).

ᵉ Changed wording from "buy or eat locally produced food" (wave 1) to "buy or eat food grown in southern California" (wave 2).

ᶠ Changed wording from "Buy food with little or no packaging" (wave 1) to "Limit your use of food and products that come in a lot of packaging" (wave 2).

ᵍ Added option "I don't have an employer" in wave 2.

ʰ Added option "Concerned about the cost of fuel/electricity" in wave 2.

ⁱ Changed wording of response option #1 from "Good gas mileage, low fuel costs" (wave 1) to "Low fuel costs" (wave 2) and added response option "Low maintenance costs" (wave 2).

ⁱⁱ Added option "Not Applicable" in wave 2.

3.2.4 Affordability and Prosperity

The LABarometer Affordability and Prosperity Survey (Affordability Survey for short) focuses primarily on the financial well-being of participants in LA County. The survey asks participants about their financial health, their spending habits, financial and social hardships, and economic and social changes in their neighborhoods. The first wave of the Affordability Survey was fielded from September 30, 2020 to November 1, 2020. The second wave of the Affordability Survey was fielded from October 14, 2021 to January 9, 2022. Keywords for topics covered in the survey are listed below:

Keywords: Food, health, housing, neighborhood, home, clothing, school, transportation, leisure, income, children, food source, access, insecurity, insurance, visits, expenses, security, eviction, move, change, quality, cost, tenure, future, and affordability.

Table 5: Lab Affordability Survey Variables

Variable Name	Variable Label	Keywords
fd001a_aff	last 14 days Grocery store / supermarket (Ralphs, Vons, Trader Joes, etc.)	FOOD FOOD SOURCE
fd001b_aff	last 14 days Convenience store (7-Eleven, ampm, gas station stores, etc.)	FOOD FOOD SOURCE
fd001c_aff	last 14 days Drug store (CVS, Walgreens, Rite Aid, etc.)	FOOD FOOD SOURCE
fd001d_aff	last 14 days Big-box or Discount store (Target, Walmart, Costco, Dollar Store et	FOOD FOOD SOURCE
fd001e_aff	last 14 days Food pantry/Food Bank	FOOD FOOD SOURCE
fd001f_aff	last 14 days School provided meals	FOOD FOOD SOURCE
fd001g_aff	last 14 days Full service restaurant or caf	FOOD FOOD SOURCE

		FOOD
fd001h_aff	last 14 days Fast food restaurant or caf	FOOD SOURCE
fd001i_aff	last 14 days Online retailer (Amazon Fresh, Fresh Direct, etc.)	FOOD FOOD SOURCE
fd001j_aff	last 14 days Meal prep or delivery services (Produce boxes, Meal kits, Blue Apr	FOOD FOOD SOURCE
fd001k_aff	last 14 days Farmers market	FOOD FOOD SOURCE
fd001l_aff	last 14 days Food donations	FOOD FOOD SOURCE
fd001m_aff	last 14 days Other	FOOD FOOD SOURCE
fd002s1_aff[j]	Distance for food: 0.5 miles or less than a 15-minute walk	FOOD ACCESS
fd002s2_aff[j]	Distance for food: 1 to 2 miles	FOOD ACCESS
fd002s3_aff[j]	Distance for food: 3 to 5 miles	FOOD ACCESS
fd002s4_aff[j]	Distance for food: 6 to 10 miles	FOOD ACCESS
fd002s5_aff[j]	Distance for food: 10 to 15 miles	FOOD ACCESS
fd002s6_aff[j]	Distance for food: Greater than 15 miles	FOOD ACCESS
fd002s7_aff[j]	Distance for food: I currently dont travel at all for my food; I get delivery/ta	FOOD ACCESS
fd002_aff[j]	Distance for food: combined	FOOD ACCESS
fd003_aff	Food insecurity: worried not have enough food to eat because of a lack of money	FOOD INSECURITY
fd004_aff	Food insecurity: ate less than you thought you should because of a lack of money	FOOD INSECURITY
fd005_aff	Food insecurity: time when went without eating for a whole day because of a lack	FOOD INSECURITY
he001_aff	overall health	HEALTH
he002_aff	currently covered health insurance	HEALTH INSURANCE
he003a_aff[k]	Number of times: visited primary care doctor or clinic	HEALTH VISITS
he003b_aff[k]	Number of times: visited dentist	HEALTH VISITS
he003c_aff[k]	Number of times: visited specialty doctor	HEALTH VISITS
he003d_aff[k]	Number of times: visited emergency room	HEALTH VISITS
he003e_aff[k]	Number of times: visited urgent care center	HEALTH VISITS

he004a_aff	the doctor(s) were responsive to my concerns	HEALTH VISITS QUALITY
he004b_aff	overall, Im satisfied with the quality of care that I received	HEALTH VISITS QUALITY
he004c_aff	I was able to get the care that I needed quickly	HEALTH VISITS QUALITY
af001_aff	how likely pay mortgage or rent on time	HOUSING EXPENSES
af002_aff[p]	how often worried might lose housing	HOUSING SECURITY
af003_aff[2]	received eviction notice	HOUSING EVICTION
af004_aff[2]	told to leave current residence	HOUSING EVICTION
ba001_aff	Reason move: leave previous housing due to eviction	HOUSING MOVE
ba002_aff	Received eviction notice at previous residence	HOUSING MOVE
ba003a_aff	Reason move: landlord told you, or a person you were staying with, to leave	HOUSING MOVE
ba003b_aff	Reason move: the city condemned the property and forced you to leave	HOUSING MOVE
ba003c_aff	Reason move: the landlord raised the rent	HOUSING MOVE
ba003d_aff	Reason move: the neighborhood was dangerous	HOUSING MOVE
ba003e_aff	Reason move: the landlord wouldnt fix anything and your place was getting run do	HOUSING MOVE
ba003f_aff	Reason move: the landlord went into foreclosure	HOUSING MOVE
ba004s1_aff	Reason move: Family-related (i.e., change in marital status, to establish own ho	HOUSING MOVE
ba004s2_aff	Reason move: Employment-related (i.e., retired, lost job or looking for work, to	HOUSING MOVE
ba004s3_aff	Reason move: Housing-related (i.e., foreclosure/eviction, wanted better neighbor	HOUSING MOVE
ba004s4_aff	Reason move: Other (e.g., natural disaster, health reasons, to attend or leave c	HOUSING MOVE
ba004_aff	Reasons move: combined	HOUSING MOVE
ba005s1_aff[q]	Neighborhood change: Young people moving in	NEIGHBORHOOD CHANGE
ba005s2_aff[q]	Neighborhood change: Restaurants or stores closing	NEIGHBORHOOD CHANGE

ba005s3_aff^q	Neighborhood change: New, more expensive restaurants or stores opening	NEIGHBORHOOD CHANGE
ba005s4_aff^q	Neighborhood change: New housing development	NEIGHBORHOOD CHANGE
ba005s5_aff^q	Neighborhood change: More construction sites	NEIGHBORHOOD CHANGE
ba005s6_aff^q	Neighborhood change: Increasing housing costs	NEIGHBORHOOD CHANGE
ba005s7_aff^q	Neighborhood change: Increasing cost of local goods and services	NEIGHBORHOOD CHANGE
ba005s8_aff^q	Neighborhood change: Feeling out of place	NEIGHBORHOOD CHANGE
ba005s9_aff^q	Neighborhood change: Neighbors, friends and/or family members moving out	NEIGHBORHOOD CHANGE
ba005s10_aff^q	Neighborhood change: None of the above / doesnt apply	NEIGHBORHOOD CHANGE
ba005_aff^q	Neighborhood changes: combined	NEIGHBORHOOD CHANGE
ba006_1__aff	Impact of neighborhood change #1	NEIGHBORHOOD CHANGE
ba006_2__aff	Impact of neighborhood change #2	NEIGHBORHOOD CHANGE
ba006_3__aff	Impact of neighborhood change #3	NEIGHBORHOOD CHANGE
ba006_4__aff	Impact of neighborhood change #4	NEIGHBORHOOD CHANGE
ba006_5__aff	Impact of neighborhood change #5	NEIGHBORHOOD CHANGE
ba006_6__aff	Impact of neighborhood change #6	NEIGHBORHOOD CHANGE
ba006_7__aff	Impact of neighborhood change #7	NEIGHBORHOOD CHANGE
ba006_8__aff	Impact of neighborhood change #8	NEIGHBORHOOD CHANGE
ba006_9__aff	Impact of neighborhood change #9	NEIGHBORHOOD CHANGE
ba007_aff	how satisfied with housing	HOME QUALITY
ba008a_aff	Housing problem: Broken stove, refrigerator, or other appliance	HOME QUALITY
ba008b_aff	Housing problem: Broken window	HOME QUALITY
ba008c_aff	Housing problem: Broken door to the outside or broken lock on a door to the outs	HOME QUALITY
ba008d_aff	Housing problem: Mice, rats, cockroaches, bedbugs, or other pests	HOME QUALITY
ba008e_aff	Housing problem: Exposed wires or other electrical problems	HOME

		QUALITY
ba008f_aff	Housing problem: No hot water	HOME QUALITY
ba008g_aff	Housing problem: No heat because the main heating equipment broke	HOME QUALITY
ba008h_aff	Housing problem: No running water	HOME QUALITY
ba008i_aff	Housing problem: Stopped up sinks, toilet, bath or shower	HOME QUALITY
ba009a_aff	Repairs made: repairs made broken stove, refrigerator, or other appliance	HOME QUALITY
ba009b_aff	Repairs made: repairs made broken window	HOME QUALITY
ba009c_aff	Repairs made: repairs made broken door to the outside or broken lock on a door t	HOME QUALITY
ba009d_aff	Repairs made: repairs made mice, rats, cockroaches, bedbugs, or other pests	HOME QUALITY
ba009e_aff	Repairs made: repairs made exposed wires or other electrical problems	HOME QUALITY
ba009f_aff	Repairs made: repairs made no hot water	HOME QUALITY
ba009g_aff	Repairs made: repairs made no heat because the main heating equipment broke	HOME QUALITY
ba009h_aff	Repairs made: repairs made no running water	HOME QUALITY
ba009i_aff	Repairs made: repairs made stopped up sinks, toilet, bath or shower	HOME QUALITY
ba010s1_aff[2]	Why evicted/told to leave: Missed or late rent payments	HOUSING EVICTION
ba010s2_aff[2]	Why evicted/told to leave: Property damage	HOUSING EVICTION
ba010s3_aff[2]	Why evicted/told to leave: Disturbing other tenants	HOUSING EVICTION
ba010s4_aff[2]	Why evicted/told to leave: Unauthorized occupants or pets	HOUSING EVICTION
ba010s5_aff[2]	Why evicted/told to leave: Illegal activity on the property	HOUSING EVICTION
ba010s6_aff[2]	Why evicted/told to leave: Other reason, please specify: ba010_other	HOUSING EVICTION
ba010_aff[2]	Why evicted/told to leave: combined	HOUSING EVICTION
ph001a_aff	Went without/delayed due to cost: too high prescription medicine	HEALTH COST AFFORDABILITY
ph001b_aff	Went without/delayed due to cost: too high seeing a primary care physician	HEALTH COST AFFORDABILITY

		HEALTH COST AFFORDABILITY
ph001c_aff	Went without/delayed due to cost: too high seeing a specialty doctor	HEALTH COST AFFORDABILITY
ph001d_aff	Went without/delayed due to cost: too high mental health care or counseling	HEALTH COST AFFORDABILITY
ph001e_aff	Went without/delayed due to cost: too high dental care	HEALTH COST AFFORDABILITY
ph001f_aff	Went without/delayed due to cost: too high vision care	HEALTH COST AFFORDABILITY
ph001g_aff	Went without/delayed due to cost: too high follow-up care	HEALTH COST AFFORDABILITY
ph001i_aff	Went without/delayed due to cost: too high covid testing	HEALTH COST AFFORDABILITY
ph001h_aff	Went without/delayed due to cost: too high emergency services (for example ER vi	HEALTH COST AFFORDABILITY
ph002_aff	currently have debt/unpaid bills due to costs of medical care	HEALTH COST AFFORDABILITY
ph003a_aff	Went without/delayed due to cost: too high food	FOOD COST AFFORDABILITY
ph003b_aff	Went without/delayed due to cost: too high clothing	CLOTHING COST AFFORDABILITY
ph003c_aff	Went without/delayed due to cost: too high rent or Mortgage payment	HOUSING COST AFFORDABILITY
ph003d_aff	Went without/delayed due to cost: too high education (for example tuition)	SCHOOL COST AFFORDABILITY
ph003e_aff	Went without/delayed due to cost: too high transportation (for example car insur	TRANSPORTATION COST AFFORDABILITY
ph003f_aff	Went without/delayed due to cost: too high entertainment	LEISURE COST AFFORDABILITY
pu001_aff	type of home currently living	HOUSING
pu002_aff	currently rent or own, affordability	HOUSING TENURE
pu003s1_aff	Who currently pays/owns: Myself	HOUSING

pu003s2_aff	Who currently pays/owns: Spouse or partner	HOUSING
pu003s3_aff	Who currently pays/owns: Child(ren)	HOUSING
pu003s4_aff	Who currently pays/owns: Friend(s)	HOUSING
pu003s5_aff	Who currently pays/owns: Parent(s)	HOUSING
pu003s6_aff	Who currently pays/owns: Grandparent(s)	HOUSING
pu003s7_aff	Who currently pays/owns: Sibling(s)	HOUSING
pu003s8_aff	Who currently pays/owns: Other relative(s)	HOUSING
pu003s9_aff	Who currently pays/owns: Coworker(s)	HOUSING
pu003s10_aff	Who currently pays/owns: Other, please specify: pu003_other	HOUSING
pu003_aff	Who currently pays/owns: combined	HOUSING
pu004_aff	how long expect to stay in current housing	HOUSING FUTURE
pu005_aff	move to current place in past 12 months	HOUSING MOVE
pu006_aff[l]	when moved into new place	HOUSING MOVE
pu007_aff	how many bedrooms in housing	HOME
pu008_aff	how many adults in current housing	HOUSING
pu009_aff[n]	current rent amount	HOUSING COST
pu010_aff	have mortgage or loaon on current housing	HOUSING
pu011_aff[n]	current mortgage/loan amount	HOUSING
pu012a_na_aff[m]	not apply earnings from work	INCOME
pu012b_na_aff[m]	not apply income from employer pension or annuity	INCOME
pu012c_na_aff[m]	not apply income from Social Security retirement	INCOME
pu012d_na_aff[m]	not apply income from government transfers	INCOME
pu012e_na_aff[m]	not apply income from business, rental properties, dividend and interest from fi	INCOME
pu012total_na_aff[m]	not apply total dummy	INCOME
pu012a_amount_aff[m]	amount earnings from work	INCOME
pu012b_amount_aff[m]	amount income from employer pension or annuity	INCOME
pu012c_amount_aff[m]	amount income from Social Security retirement	INCOME
pu012d_amount_aff[m]	amount income from government transfers	INCOME
pu012e_amount_aff[m]	amount income from business, rental properties, dividend and interest from finan	INCOME
pu012total_amount_aff[m]	amount total income	INCOME

		HOUSING
pu013_aff[o]	how many times late with rent or mortgage	COST
pu014_aff[bb]	protected from eviction by the federal eviction moratorium	HOUSING EVICTION
pu011_nss1_aff	Monthly mortgage or home loan: Not sure	HOUSING COST
pu011_ns_aff	not sure current mortgage/loan amount	HOUSING COST
pu005a_aff[l]	move to current place between March and September 2020	HOUSING
pu009a_aff	confirm rent amount	HOUSING COST
pu009a_corrected_aff	corrected rent amount	HOUSING COST
pu011a_aff	confirm rent amount	HOUSING COST
pu011a_corrected_aff	corrected mortgage amount	HOUSING COST
pu012_randomizer_aff	randomizer pu012 position	N/A
pu013a_aff[2]	able to pay back missed rent or mortgage payments	HOUSING COST
fl_pu013_aff		N/A
sc001a_aff	Number of children enrolled: preschool or daycare	SCHOOL CHILDREN
sc001b_aff	Number of children enrolled: elementary school	SCHOOL CHILDREN
sc001c_aff	Number of children enrolled: middle school or junior high	SCHOOL CHILDREN
sc001d_aff	Number of children enrolled: high school	SCHOOL CHILDREN
sc001e_aff	Number of children enrolled: four-year college	SCHOOL CHILDREN
sc001f_aff	Number of children enrolled: community colleges	SCHOOL CHILDREN
sc001g_aff	Number of children enrolled: trade school, including technical institutes and vo	SCHOOL CHILDREN
sc002s1_aff	Type of school attending: Neighborhood public school	SCHOOL CHILDREN
sc002s2_aff	Type of school attending: Magnet public school	SCHOOL CHILDREN
sc002s3_aff	Type of school attending: Charter school	SCHOOL CHILDREN
sc002s4_aff	Type of school attending: Private or religious school	SCHOOL CHILDREN
sc002s5_aff	Type of school attending: Home school (not enrolled in a public or private schoo	SCHOOL CHILDREN
sc002s6_aff	Type of school attending: Other, please specify: sc002_other	SCHOOL

		CHILDREN
sc002_aff	Type of school: combined	SCHOOL CHILDREN
sc008_aff	children in household	CHILDREN
sc003_aff	availability of schooling options	SCHOOL CHILDREN AVAILABILITY
sc004_aff	affordability of schooling options	SCHOOL CHILDREN AFFORDABILITY
sc005_aff	how often worried not afford to pay schooling needs	SCHOOL CHILDREN AFFORDABILITY
sc006_aff	overall quality of schools in neighborhood	SCHOOL CHILDREN QUALITY
sc007_aff[r]	quality of education compared to your own	SCHOOL CHILDREN QUALITY

[2] Indicates the variable only appears in wave 2.

[j] Changed wording from "If you go to more than one place, please add up all of the distance" (wave 1) to "If you go to more than one place, please check all distances that apply" (wave 2).

[k] Added "for your own health" in wave 2.

[l] Variable pu005a was asked in wave 1 and provided four response options from "Before January 2020" to "Between July and September 2020." Variable pu006 asked "Did you move to your current place between March 2020 and September 2020," with Yes/No response options.

[m] Added "Annual" in front of categories in wave 2.

[n] Added "if amount > 4,999" in wave 2.

[o] Changed interval from past 6 months (wave 1) to past 12 months (wave 2). Extended range to 14 in wave 2.

[p] Changed wording from "last 12 months" (wave 1) to "past 12 months" (wave 2).

[q] Changed wording from "last 6 months" (wave 1) to "past 6 months" (wave 2).

[r] Changed wording from "[H]ow would you rate the quality of the child(ren)'s education (wave 1) to "[H]ow would you rate the quality of your child(ren)'s education (wave 2).

[s] Changed response options starting with "1-3 years" and "3-5 years" (wave 1) to "1-2 years" (wave 2).

[t] Changed wording from "Please check all that apply" (wave 1) to "Please check up to three reasons" (wave 2).

[u] Changed response option from "I want to buy a home instead of renting" (wave 1) to "I plan to buy a home instead of renting" (wave 2).

[bb] Reference time changed from April 2020 (wave 1) to last survey date piped text (wave 2).

3.2.5 Variables Common to All LAB Surveys

In each LAB survey, participants are asked how interesting they found the survey. The variable cs_001 indicates the participant's answer to that question for the corresponding survey (specified with the survey type's suffix). Additionally, weights for the participant and information on the construction of the weights for each survey is also included in the dataset. The variables are listed in the table below.

Table 6: Lab Affordability Survey Variables

Variable Name	Variable Label
cs_001*	HOW PLEASANT INTERVIEW, **
cps*	Basic Monthly CPS Used for Benchmark Distributions,**
final_weight*	Relative Post-Stratification Weight,**

*Indicates multiple versions of variable by survey suffix (_liv, _mob, _sus, _aff).

**Indicates multiple versions of variable label by survey suffix (livability, mobility, sustainability, affordability).