

Kauai Ground Transportation Survey 2022

NREL TSDC Data Dictionary

Region:	Hawaii
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Summary

In 2022, National Renewable Energy Laboratory (NREL) partnered with Kauai Office of Economic Development (OED) within the U.S. Department of Energy's (DOE) Energy Transitions Initiative Partnership Project (ETIPP) to help Kauai develop strategies towards a more sustainable transportation future. To better understand resident and visitor transportation preferences, NREL and Kauai OED conducted a survey among residents and visitors between July and October 2022. In total, 1033 complete responses were collected of which 764 were Kauai residents and 269 were visitors on the island. The respondents were recruited by sending direct invitations via email, press release on county website and Facebook page, and posters at community outreach events, etc. For residents the aim was to understand their mode choice decision for commute, leisure and shopping activities, and whether they would consider using alternative modes instead of driving when the circumstances change. For visitors, the goal was to understand whether they would consider transportation alternatives to rental cars if other options were available. The study consists of individual survey respondents' answers to each of the questions.

Table/File Definitions

Table	Description
survey_person	Survey results by respondent

Column Definitions

Column	Table	Description
comments	survey_person	Thank you for your participation. Do you have any suggestions about this survey or things you want the Kauai county to know?
countrycode	survey_person	Country Code
duplicate	survey_person	Duplicate
durationofsurvey	survey_person	Time Taken to Complete (Seconds)
q1	survey_person	How did you hear about this survey?
q10	survey_person	Did you research other transportation options before renting your car?
q11	survey_person	Why didnt you research other transportation options before renting your car?
q12_1	survey_person	What other options did you research? (Please check all that apply)
q13	survey_person	For how many days did you drive your rental car during your visit?
q14_bike	survey_person	Please fill in the bubble that best describes how often you used each mode
q14_bus	survey_person	Please fill in the bubble that best describes how often you used each mode
q14_rentalcar	survey_person	Please fill in the bubble that best describes how often you used each mode

q14_ridehailtaxi	survey_person	Please fill in the bubble that best describes how often you used each mode
q14_shuttle	survey_person	Please fill in the bubble that best describes how often you used each mode
q14_turo	survey_person	Please fill in the bubble that best describes how often you used each mode
q14_walk	survey_person	Please fill in the bubble that best describes how often you used each mode
q15_1	survey_person	Please rank each statement below in terms of its importance to you in order to use a bus (instead of a rental car) for some or all of your trips while you are on the island (with 1 being most important and 4 being the least important).
q15_2	survey_person	Please rank each statement below in terms of its importance to you in order to use a bus (instead of a rental car) for some or all of your trips while you are on the island (with 1 being most important and 4 being the least important).
q15_3	survey_person	Please rank each statement below in terms of its importance to you in order to use a bus (instead of a rental car) for some or all of your trips while you are on the island (with 1 being most important and 4 being the least important).

q15_4	survey_person	Please rank each statement below in terms of its importance to you in order to use a bus (instead of a rental car) for some or all of your trips while you are on the island (with 1 being most important and 4 being the least important).
q16	survey_person	If you were able to rent a car from your hotel or nearby within walking distance, would you consider taking a shuttle from the airport and renting a car for only the portion of your visit when you planned to travel?
q17	survey_person	If you could get a \$20 discount on your hotel room each night for not renting a car, would you consider foregoing a rental car and using the public transit system while visiting the island?
q18	survey_person	If you could get a \$50 discount on your hotel room each night for not renting a car, would you consider foregoing a rental car and using the public transit system while visiting the island?
q19	survey_person	If you could get a \$100 discount on your hotel room each night for not renting a car, would you consider foregoing a rental car and using the public transit system while visiting the island?
q2	survey_person	Are you a resident or visitor of Kauai?

q20	survey_person	If you could get a \$150 discount on your hotel room each night for not renting a car, would you consider foregoing a rental car and using the public transit system while visiting the island?
q21	survey_person	If you could get a \$200 discount on your hotel room each night for not renting a car, would you consider foregoing a rental car and using the public transit system while visiting the island?
q22	survey_person	Imagine in the future the travel demand increases on the island and you have to pay a \$5 parking fee at your destination, would you consider using alternative modes for this trip?
q23	survey_person	Imagine in the future the travel demand increases on the island and you have to pay a \$10 parking fee at your destination, would you consider using alternative modes for this trip?
q24	survey_person	Imagine in the future the travel demand increases on the island and you have to pay a \$15 parking fee at your destination, would you consider using alternative modes for this trip?
q25	survey_person	Imagine in the future the travel demand increases on the island and you have to pay a \$20 parking fee at your destination, would you consider using alternative modes for this trip?

q26	survey_person	Imagine in the future the travel demand increases on the island and you have to pay a \$30 parking fee at your destination, would you consider using alternative modes for this trip?
q27	survey_person	Imagine in the future the travel demand increases on the island and you have to pay a \$50 parking fee at your destination, would you consider using alternative modes for this trip?
q28	survey_person	Imagine in the future the travel demand increases on the island and you have to pay a \$60 parking fee at your destination, would you consider using alternative modes for this trip?
q29	survey_person	Imagine in the future the travel demand increases on the island and you have to pay a \$80 parking fee at your destination, would you consider using alternative modes for this trip?
q3	survey_person	How would you rate your experience with traffic on Kauai?
q30	survey_person	Imagine in the future the travel demand increases on the island and you have to pay a \$100 parking fee at your destination, would you consider using alternative modes for this trip?
q31_1	survey_person	Why didnt you rent a car? (check all that apply)
q32_1	survey_person	What modes of transportation did you use on the island to get around? (check all that apply)

q33	survey_person	Is there somewhere on the island you wanted to visit but did not because you were unable or did not know how to get there without a car? If yes, please write in the name of the place. Comments/Suggestions:
q34_avshuttle	survey_person	Imagine during your stay on Kauai, there was a location 2 miles away from your hotel that you hoped to visit and parking there cost \$5. Besides driving, if there were the following new transportation services to choose from, what is the highest price you would pay to use these new services?
q34_bikeshare	survey_person	Imagine during your stay on Kauai, there was a location 2 miles away from your hotel that you hoped to visit and parking there cost \$5. Besides driving, if there were the following new transportation services to choose from, what is the highest price you would pay to use these new services?
q34_carshare	survey_person	Imagine during your stay on Kauai, there was a location 2 miles away from your hotel that you hoped to visit and parking there cost \$5. Besides driving, if there were the following new transportation services to choose from, what is the highest price you would pay to use these new services?

q35_avshuttle	survey_person	Imagine during your stay on Kauai, there was an AV shuttle service that could take you from your hotel to a site 20 miles away that you hoped to visit. Parking there would cost you \$20. Besides driving, if there were the following new transportation services to choose from, what is the highest price you would pay to use these new services?
q35_carshare	survey_person	Imagine during your stay on Kauai, there was an AV shuttle service that could take you from your hotel to a site 20 miles away that you hoped to visit. Parking there would cost you \$20. Besides driving, if there were the following new transportation services to choose from, what is the highest price you would pay to use these new services?
q36_comments	survey_person	Thank you for your participation. Do you have any suggestions about this survey or things you want the Kauai county to know? Comments/Suggestions:
q37	survey_person	How would you rate the traffic on Kauai?
q38	survey_person	Where do you live?
q39	survey_person	Are you currently employed?
q4	survey_person	Your most recent visit to Kauai was primarily for: _____
q40	survey_person	Where is your primary job located?
q41	survey_person	What gender do you identify as?

q42	survey_person	What is your age?
q43	survey_person	Do you have an active driver's license?
q44	survey_person	Do you currently have a bus pass to ride the Kauai Bus?
q45	survey_person	What is your annual household income?
q46	survey_person	What is your current housing type?
q47_1	survey_person	What parking options do you have available for parking at home?
q48	survey_person	Do you own or rent your home?
q49	survey_person	(1) Starting time of the typical commute trip:
q5	survey_person	How long did you stay on the island during your most recent trip? _____
q50	survey_person	(2) Origin of the typical commute trip:
q51	survey_person	(3) Destination of the typical commute trip:
q52	survey_person	(4) Mode of the typical commute trip:
q53_avshuttle	survey_person	(5) For this typical commute trip, imagine if there are the following new transportation services to choose from and the door-to-door travel time is about the same as your original mode, what is the highest price you would pay to use these new services to replace your original mode?

q53_bikeshare	survey_person	(5) For this typical commute trip, imagine if there are the following new transportation services to choose from and the door-to-door travel time is about the same as your original mode, what is the highest price you would pay to use these new services to replace your original mode?
q53_carshare	survey_person	(5) For this typical commute trip, imagine if there are the following new transportation services to choose from and the door-to-door travel time is about the same as your original mode, what is the highest price you would pay to use these new services to replace your original mode?
q54	survey_person	(1) Origin of this typical shopping trip:
q55	survey_person	(2) Destination of this typical shopping trip:
q56	survey_person	(3) Mode of this typical shopping trip:
q57_avshuttle	survey_person	(4) For this typical shopping trip, imagine if there are the following new transportation services to choose from and the door-to-door travel time is about the same as your original mode, what is the highest price you would pay to use these new services to replace your original mode?

q57_bikeshare	survey_person	(4) For this typical shopping trip, imagine if there are the following new transportation services to choose from and the door-to-door travel time is about the same as your original mode, what is the highest price you would pay to use these new services to replace your original mode?
q57_carshare	survey_person	(4) For this typical shopping trip, imagine if there are the following new transportation services to choose from and the door-to-door travel time is about the same as your original mode, what is the highest price you would pay to use these new services to replace your original mode?
q58	survey_person	(1) Origin of this typical leisure trip:
q59	survey_person	(2) Destination of this typical leisure trip:
q6	survey_person	Where did you stay on the island?
q60	survey_person	(3) Mode of this typical leisure trip:
q61_avshuttle	survey_person	(4) For this typical leisure trip, imagine if there are the following new transportation services to choose from and the door-to-door travel time is about the same as your original mode, what is the highest price you would pay to use these new services to replace your original mode?

q61_bikeshare	survey_person	(4) For this typical leisure trip, imagine if there are the following new transportation services to choose from and the door-to-door travel time is about the same as your original mode, what is the highest price you would pay to use these new services to replace your original mode?
q61_carshare	survey_person	(4) For this typical leisure trip, imagine if there are the following new transportation services to choose from and the door-to-door travel time is about the same as your original mode, what is the highest price you would pay to use these new services to replace your original mode?
q62_1	survey_person	If you drive or ride in a private motor vehicle for your typical weekdays, why do you choose this mode of transportation instead of using an alternative mode of transportation (bus, shuttle, bike, etc)? (Check all that apply)
q63_1	survey_person	If you drive or ride in a private motor vehicle for your typical weekdays, what would get you out of a car and using an alternative mode of transportation? (Check all that apply)
q7	survey_person	What type of lodging did you choose for your most recent trip to Kauai?
q8	survey_person	Did you rent a car while visiting Kauai?

q9_1	survey_person	Why did you choose to rent a car (Please check all that apply)?
region	survey_person	Region
responsestatus	survey_person	Response Status
sampno	survey_person	Response ID
seqnumber	survey_person	Seq. Number
time_local	survey_person	Timestamp (mm/dd/yyyy)