

September 2014

Pearl Harbor-Airport-Lagoon Drive

# Resident Survey

City and County  
of Honolulu

Department of Planning  
& Permitting

Prepared by



**NRC**  
National Research Center Inc

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## Executive Summary

The Airport/Salt Lake/Mapunapuna Community Survey was mailed to a sample of households within two miles of the stations planned for the Pearl Harbor Naval Base (1,979), the Honolulu International Airport (565), and Lagoon Drive (1,506) during July and August, 2014. Nineteen percent of delivered surveys were completed and returned. The survey elicited resident perspectives on a variety of community planning issues related to transit-oriented development (TOD): community amenities, civic connection, neighborhood mobility and development opportunities. This report summarizes the results of this survey; it outlines findings across all respondents and highlights differences by gender, tenure (whether the resident owns or rents their home) and residents' closest rail station.

### Community Amenities

#### *Airport/Salt Lake/Mapunapuna residents enjoyed the location of their neighborhood.*

When asked what they liked most about living in their neighborhood, most residents cited their proximity to shopping, jobs and bus stops. Renters were more likely than homeowners to mention housing being in good condition among the three things they liked most about their neighborhood. About 4 in 10 residents said they liked that their neighborhood was quiet. Few residents said their neighborhood had a strong sense of community or was a lively community with a lot going on.

#### *Residents appreciated local businesses, with the highest ratings awarded to grocery stores and drug stores.*

Residents described their neighborhoods as communities with a variety of businesses and resources. About three-quarters of residents awarded ratings of excellent or good to local businesses including drug stores, convenience stores, coffee shops and grocery stores. About two-thirds gave favorable ratings to family entertainment, laundries and dry cleaners, beauty salons and restaurants. Residents also lauded the quality of community resources such as libraries, child day care, schools, medical clinics and dentists, youth centers and community centers. Fewer residents were aware of bars/nightclubs and affordable and senior housing in their community and these amenities were given lower ratings.

#### *Few visited neighborhood parks, though most felt safe.*

Airport/Salt Lake/Mapunapuna residents visited their neighborhood parks infrequently, and even fewer used the Keehi Lagoon Beach Park. Of those who did visit local parks, most felt safe in parks during the day but not after dark or when homeless people were present. Just over half of residents gave favorable ratings to the quality of parks for playing sports, while almost two-thirds gave negative ratings to the quality of parks for picnicking or hanging out.

#### *Residents wished to see more affordable housing and improved parking.*

When asked what they liked least about their neighborhood, Airport/Salt Lake/Mapunapuna residents most often responded that housing was expensive, they didn't know many neighbors and that the neighborhood was too noisy. Some residents also mentioned that their neighborhood was far from recreation areas, crime was too high and houses and properties were small. The mostly commonly desired improvement was more car parking; over half of survey respondents chose this improvement from a list and it was also the most commonly written-in response when asked to pick only one improvement. Homeowners were more likely than renters to cite more car parking as a needed improvement.

## Neighborhood Mobility

### *Walking was viewed as the easiest way to navigate Airport/Salt Lake/Mapunapuna neighborhoods.*

Most Airport/Salt Lake/Mapunapuna residents said they could generally get around Honolulu with a fair amount of ease, and walking was rated as the easiest way to get around the neighborhoods (7 in 10 residents rating the overall ease of walking as excellent or good). Most gave high marks to the presence of sidewalks. Slightly fewer gave high marks to the number of cross-walks and crossing-lights, safety while walking and the condition of sidewalks; however each of these received a positive rating from at least 62% of residents.

### *Residents saw opportunities to improve travel by bike.*

Biking was thought to be the most difficult way of getting around in Airport/Salt Lake/Mapunapuna, with 7 in 10 respondents giving fair or poor ratings to the overall ease of biking in their neighborhood. About 6 in 10 respondents gave negative ratings to the availability of bike racks and bike storage, and only 3 in 10 felt safe while biking.

### *Most Airport/Salt Lake/Mapunapuna residents drove alone to commute to work or school.*

A third of residents indicated working in the Airport/Pearl Harbor area and about 17% said they worked downtown or in Moanalua/Salt Lake. In 2014, 65% of residents in the Airport/Salt Lake/Mapunapuna neighborhoods said they drove a vehicle alone every day of their commute to work or to school. One in four residents used alternate modes of transportation at least one day a week; most of these carpooled or took the bus.

### *Many were eager to use the new rail transit line for shopping and to go to restaurants, bars or nightclubs.*

About 40% to 51% of residents thought they would use the new rail transit line for a variety of trip types once it was built. The most likely use of the rail line was for trips to go shopping and to go to restaurants, bars or nightclubs; with almost half indicating they would be very or somewhat likely to use it for such trips.

## Development Opportunities

### *Residents supported a variety of potential amenities near the new rail stations.*

When residents were asked which of a list of amenities they would support being built near their closest planned rail station, most supported every amenity listed. Improved landscaping, places to sit, restrooms and bicycle parking garnered the most support. New affordable/subsidized housing near the stations received the least support.

### *Residents supported the development of a variety of amenities near the new rail stations.*

When residents were asked which of a list of amenities they would support being built near their closest planned rail station, parks, parking structures and retail stores/services garnered the most support with at least three-fourths indicating support. New hotels, office towers and residential towers near the stations received the least support with less than one-third indicating support.

### *Most proposed improvements to major streets received strong support.*

Residents welcomed all street improvements suggested and most strongly supported improving sidewalks, adding street lighting, adding trash bins and adding crosswalks. About one-third of residents agreed that Salt Lake Boulevard was most in need of these types of improvements.

## Survey Background

### Survey Purpose

Staff of the City and County of Honolulu Department of Planning and Permitting sought to capture the perspectives of residents in the Airport/Salt Lake/Mapunapuna neighborhood around the planned Pearl Harbor Naval Base, Honolulu International Airport and Lagoon Drive rail transit stations. National Research Center, Inc. (NRC) was contracted to conduct a survey to assess resident’s perceptions about their neighborhood and opinions about potential transit-oriented development in these areas.

Results of the survey will help staff guide future public investment and development around the rail stations.

### Survey Methods

The sampling plan for this series of community surveys (of which the Airport/Salt Lake/Mapunapuna is the 6<sup>th</sup>), was to mail surveys to 1,350 households within a half mile of each of the planned stations in each community. However, the Airport/Salt Lake/Mapunapuna community has a large businesses/industrial area, and most nearby households were more than a half mile away from each of the three stations. To ensure that the households closest to these stations were adequately represented, the minimum distance to the station was increased to two miles. Additionally, most households that were within two miles of the Honolulu International Airport station were closer to either the Pearl Harbor or Lagoon Drive stations. The final sampling plan, shown below, was created to accommodate these unique neighborhood features.

Closest Station	Pearl Harbor Station	Honolulu International Airport Station	Lagoon Drive Station
Number that are closest to station	1,979	565	1,506
Minimum distance to closest station	0.32 miles	0.48 miles	0.53 miles
Maximum distance to closest station	1.45 miles	1.98 miles	1.36 miles

Of the 4,050 mailed surveys, 3,746 were delivered to occupied households. A total of 719 completed surveys were returned, for a response rate of 19%; this is a typical response rate compared to those that NRC sees for surveys in large cities. Of the 719 respondents, 58 were closest to the Honolulu International Airport station, 239 were closest to the Lagoon Drive station and 421 were closest to the Pearl Harbor station. Given the low number of respondents who were closest to the Airport station, when results are reported “by station,” the Airport and Lagoon Drive station areas are combined (Airport/Lagoon).

Survey results were weighted so that respondent age, gender, ethnicity and housing tenure (rent or own) were represented in the proportions reflective of the entire adult population living in Census blocks covered by the survey (as reported from the 2010 U.S. Census and the 2005-2009 American Community Survey). The margin of error is plus or minus four percentage points around any given percent for a question answered by all respondents.

More information about the survey methodology can be found in Appendix F: Methodology.

## Understanding the Results

### *How the Results Are Reported*

Results for all respondents are shown in the body of the report and in *Appendix A: Survey Results*. Results were also compared by selected subgroups: the respondent's gender, whether the respondent owned or rented their home, and which planned station they lived closest to. These comparisons can be found in Appendices B, C, and D and are mentioned in the body of the report when there are significant differences.

### *Precision of Estimates*

It is customary to describe the precision of estimates made from surveys with a "level of confidence" (or margin of error). The 95 percent confidence level for this survey is generally no greater than plus or minus four percentage points around any given percent reported for all respondents (719). Where estimates are given for subgroups, they are less precise. For each subgroup from the survey, the margin of error rises to as much as plus or minus 5% for a sample size of 421 (Pearl Harbor) to plus or minus 6% for 298 (Airport/Lagoon) completed surveys.

### *"Don't Know" Responses and Rounding*

On many of the questions in the survey, respondents were able to answer "don't know." However, these responses have been removed from the analyses presented in the body of the report. In other words, the majority of the tables and graphs in the body of the report display the responses of respondents who had an opinion about a specific item. The proportion of respondents giving a response of "don't know" is shown in the full set of responses included in *Appendix A: Survey Results* and is mentioned in the body of this report if it is 20% or greater.

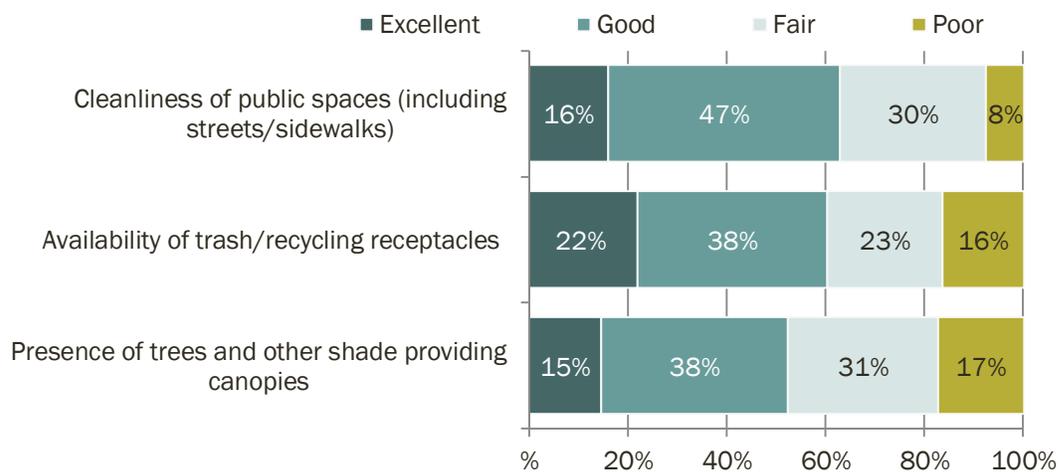
For some questions, respondents were permitted to select more than one option (i.e., a multiple response question). When the total exceeds 100% in a table for a multiple response question, it is because some respondents were counted in more than one category. When a table for a question that only permitted a single response does not total to exactly 100%, it is due to the customary practice of rounding percentages to the nearest whole number.

## Community Amenities

Many factors contribute to creating a desirable neighborhood, including physical attractiveness, cleanliness, and the presence or absence of services, parks and other amenities. Airport/Salt Lake/Mapunapuna residents were asked to rate the current state of their neighborhood and to indicate what they most wanted to see improved.

About 4 in 10 residents gave fair or poor ratings to the cleanliness of public spaces (38%), the presence of trees or other shade providing canopies (39%), and about half of residents gave fair or poor ratings to the availability of trash or recycling receptacles (48%). Residents who rent their home gave more positive ratings to the cleanliness of public spaces and to the presence of trees than did residents who own their home in Pearl Harbor-Airport-Lagoon neighborhoods. Survey respondents who lived closer to the planned Airport/Lagoon Drive stations gave higher ratings to cleanliness and presence of trees but lower ratings to the availability of trash/recycling receptacles than did those who lived closer to the planned Pearl Harbor rail station.

Figure 1: Cleanliness of Neighborhood

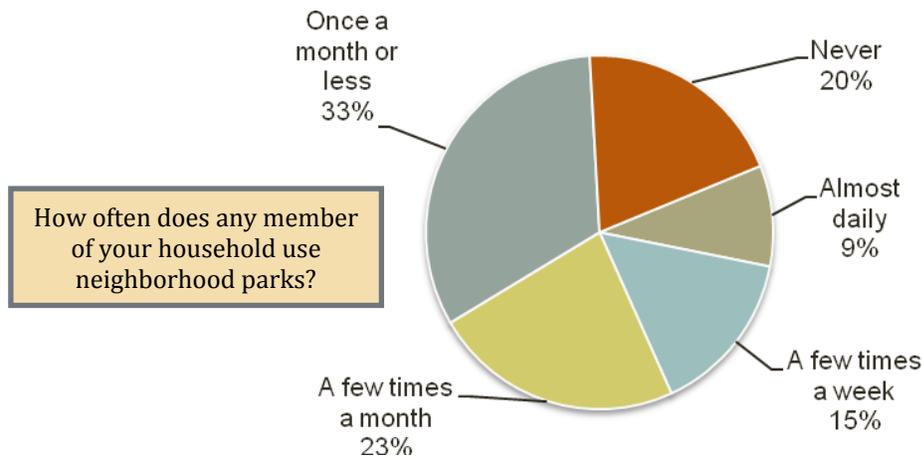


**Neighborhood Parks**

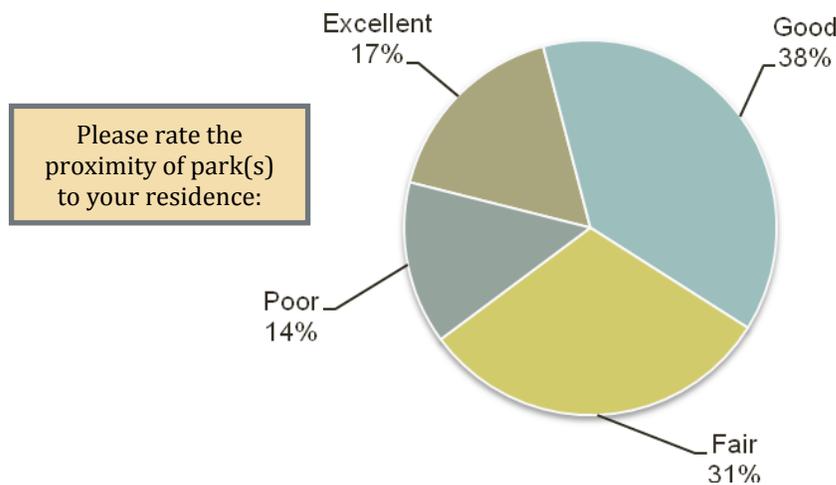
About one-fifth of Airport/Salt Lake/Mapunapuna residents said they never used neighborhood parks. Of those who did use the parks, a majority used the parks a few times a month or less frequently. Fifteen percent of residents used their neighborhood parks weekly, and 9% used their neighborhood parks daily. A majority of Airport/Salt Lake/Mapunapuna residents rated the proximity of neighborhood parks as “excellent” or “good,” and only 14% rated the proximity as “poor.”

Residents who rent their home gave more positive ratings to the proximity of parks than did residents who own their home. Renters also reported using their neighborhoods parks more frequently than did owners. Survey respondents who lived closer to the planned Airport/Lagoon Drive rail stations reported using their neighborhoods parks more frequently than did those who lived closer to the planned Pearl Harbor rail station.

**Figure 2: Frequency of Neighborhood Park Use**



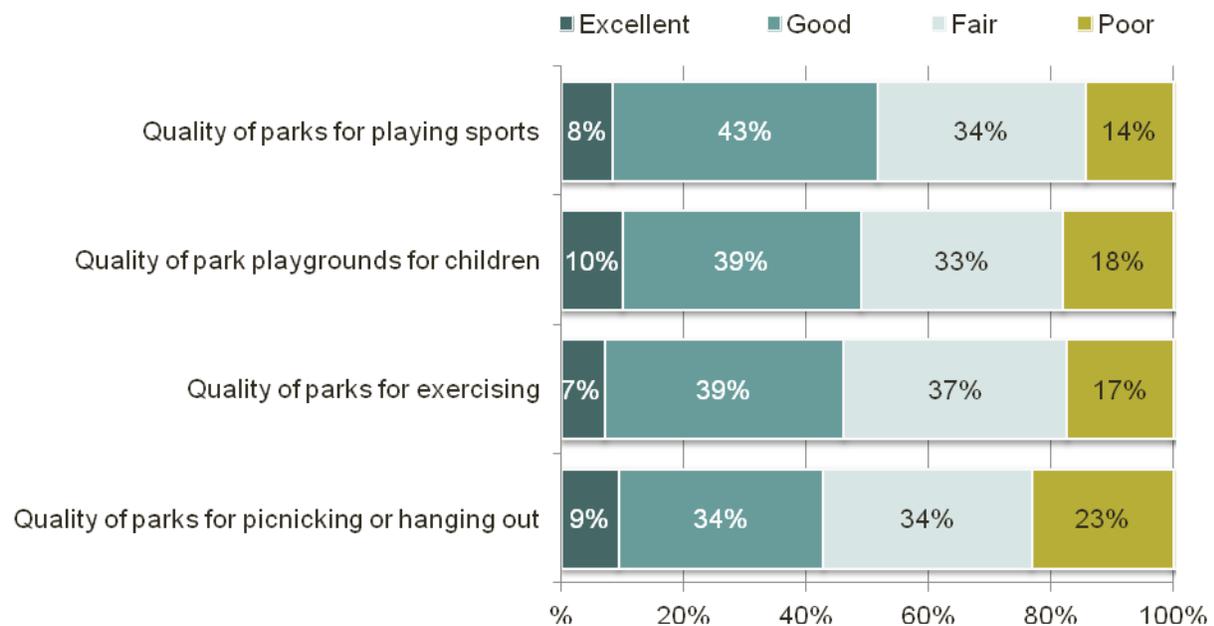
**Figure 3: Proximity of Parks**



Residents gave the highest marks to neighborhood parks as places to play sports, with just over half (51%) indicating “excellent” or “good.” Just under half gave “excellent” or “good” marks for the quality of park playgrounds for children (49%) followed by quality of parks for exercising (46%) and for picnicking or hanging out (43%).

Renters gave better ratings to the quality of neighborhood parks for each purpose listed than did homeowners. Men gave more positive ratings to the quality of parks for playing sports and for exercising than did women. Survey respondents who lived closer to the planned Airport/Lagoon Drive rail stations gave more positive ratings to the quality of neighborhood parks for each purpose listed than did those who lived closer to the planned Pearl Harbor rail station.

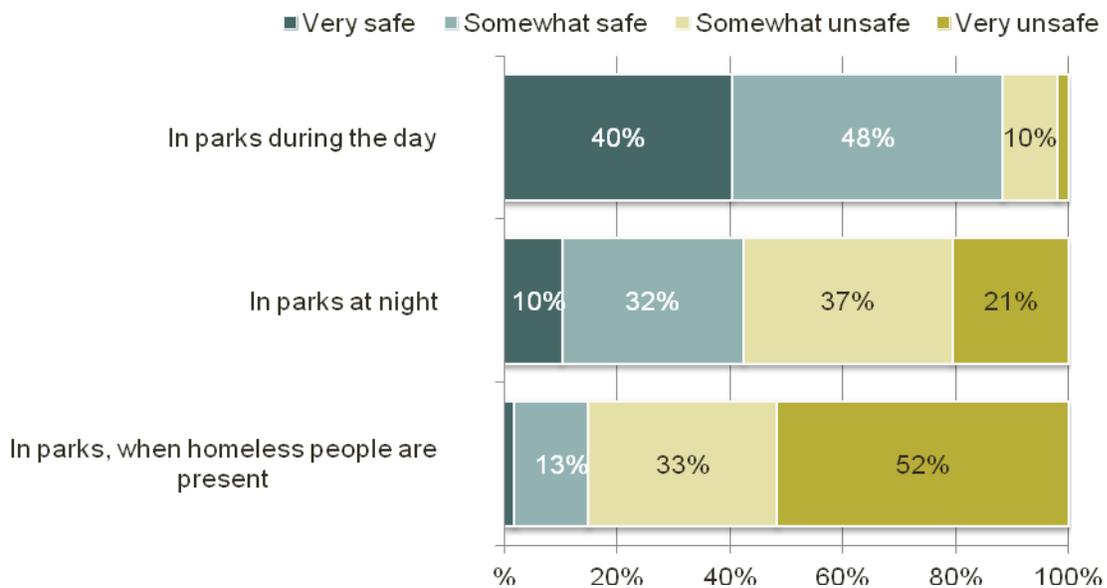
Figure 4: Quality of the Parks in Your Neighborhood



While Airport/Salt Lake/Mapunapuna residents generally felt safe in their neighborhood parks during the day (40% very safe and 48% somewhat safe), they did not feel as safe at night or when homeless people were in the parks. Over half of residents felt very unsafe (52%) when homeless people were present in the parks, and about one-fifth felt very unsafe in parks at night (21%).

Renters in the Airport/Salt Lake/Mapunapuna community indicated feeling safer in parks during the day and at night compared to homeowners. Survey respondents who lived closer to the planned Airport/Lagoon Drive rail stations indicated feeling safer in parks during the day, at night and when homeless people are present compared to those who lived closer to the planned Pearl Harbor rail station.

**Figure 5: Feelings of Safety in Neighborhood Parks**



About 7 in 10 Airport/Salt Lake/Mapunapuna residents reported that they never use Keehi Lagoon Beach Park. One-fourth indicated that they used the park once a month or less, while less than one in ten used the park a few times a month or more.

When asked to indicate, in their own words, what single improvement they would make to the park, responses varied. Fourteen percent indicated they would address the homeless problem at the park; this was the most commonly cited improvement. The next most frequently mentioned improvements were upgrading the landscape/greenery, keeping the park cleaner with better maintenance, and improvements to restrooms; with about 1 in 10 indicating each of these.

Figure 6: Frequency of Keehi Lagoon Beach Park Use

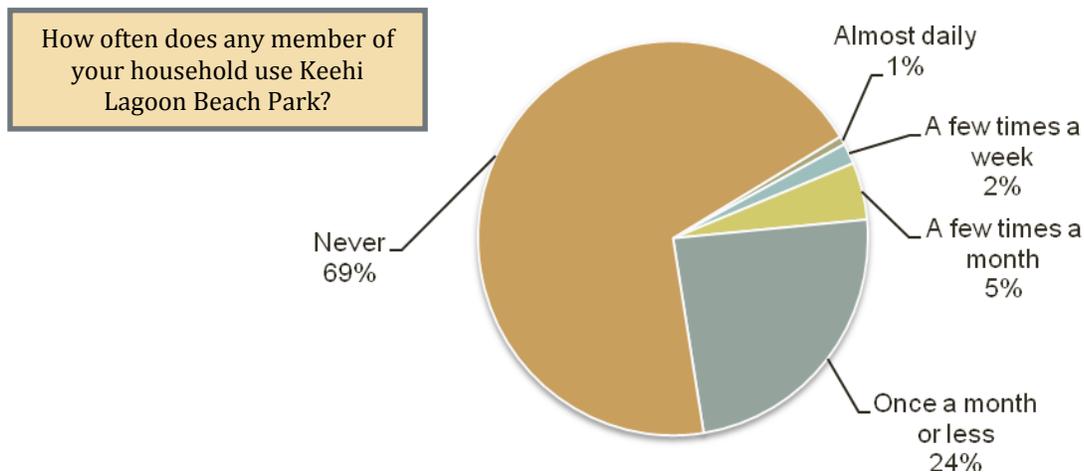
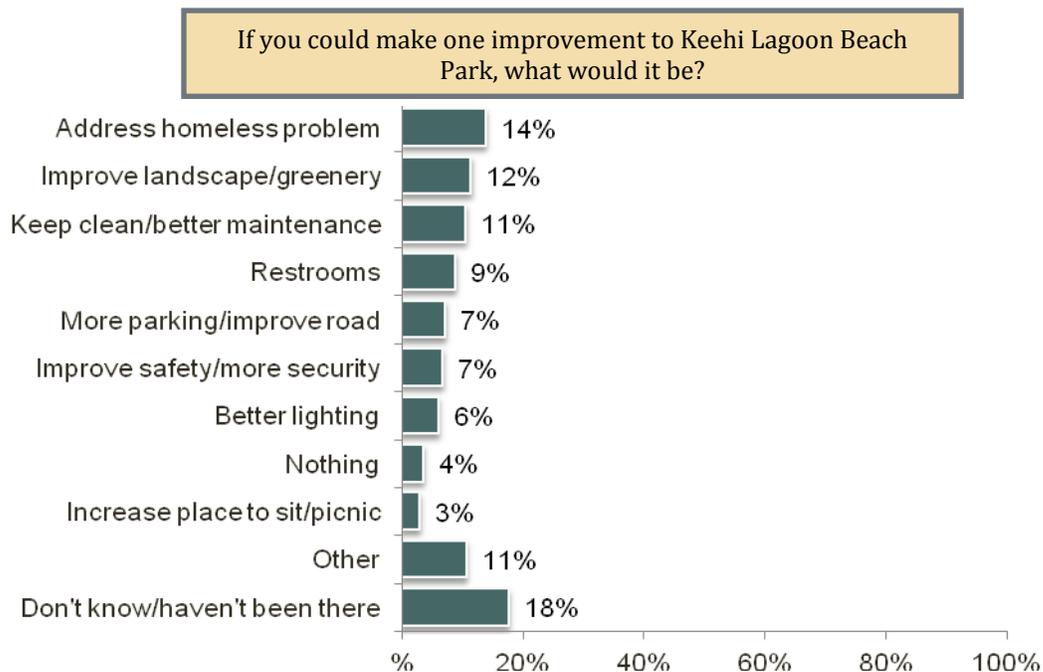


Figure 7: Improvements to Keehi Lagoon Beach Park



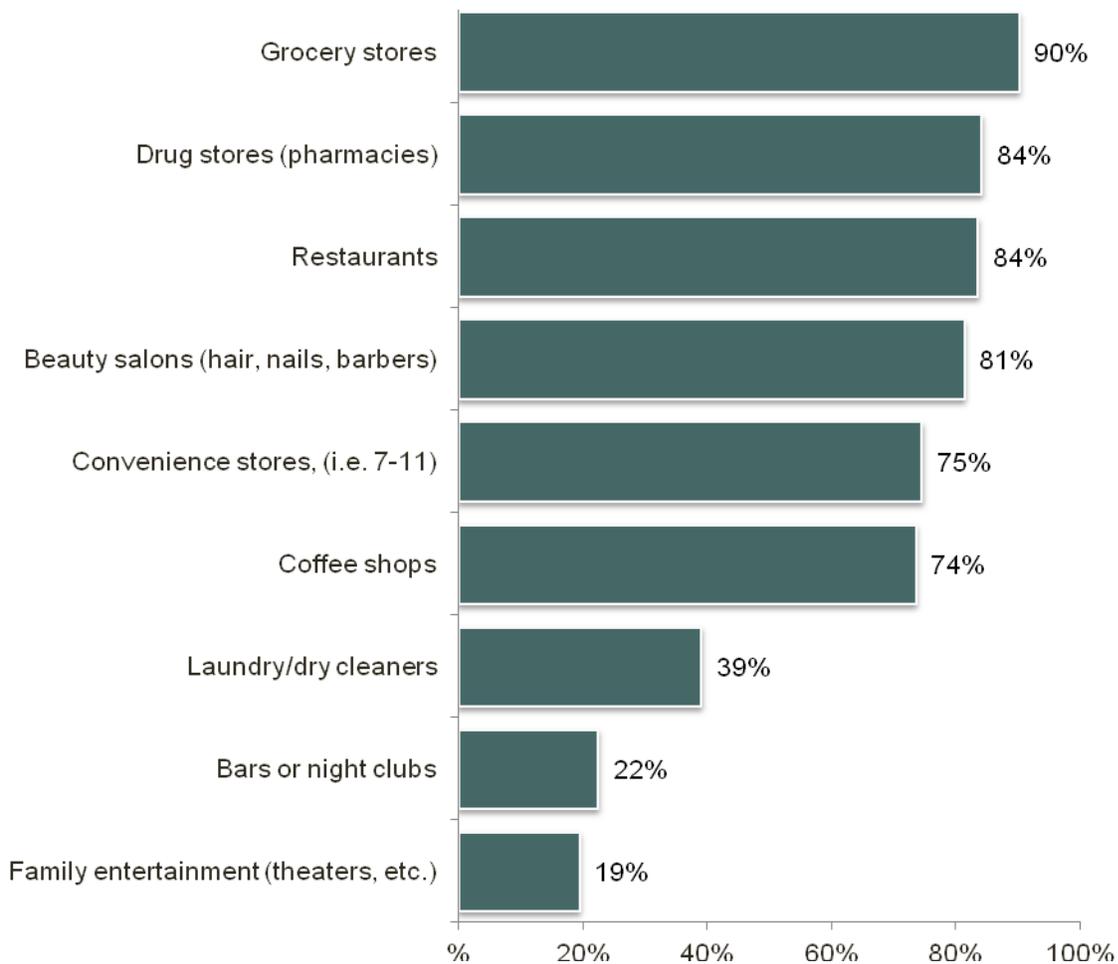
Open-ended responses were reviewed and, when appropriate, assigned to the categories shown in this chart, all responses that fell into the "other" category are included in Appendix E: Responses to Open Ended Questions.

**Neighborhood Businesses**

Residents described Airport/Salt Lake/Mapunapuna as a community with a broad range of businesses. At least three-fourths of respondents said there were grocery stores, drug stores, restaurants, beauty salons, convenience stores and coffee shops in the neighborhood. Less than 4 in 10 reported there was family entertainment, bars or nightclubs, as well as laundry or drycleaners.

Homeowners were more likely to say that a majority of these businesses were in their neighborhood compared to renters. Men were more likely, compared to women, to say that there were coffee shops and convenience stores in their neighborhood. Survey respondents who lived closer to the planned Pearl Harbor station were more likely to say that bars or night clubs, coffee shops, family entertainment and convenience stores were in their neighborhood compared to those who lived closer to the planned Airport/Lagoon Drive rail stations.

**Figure 8: Presence of Businesses in Your Neighborhood**



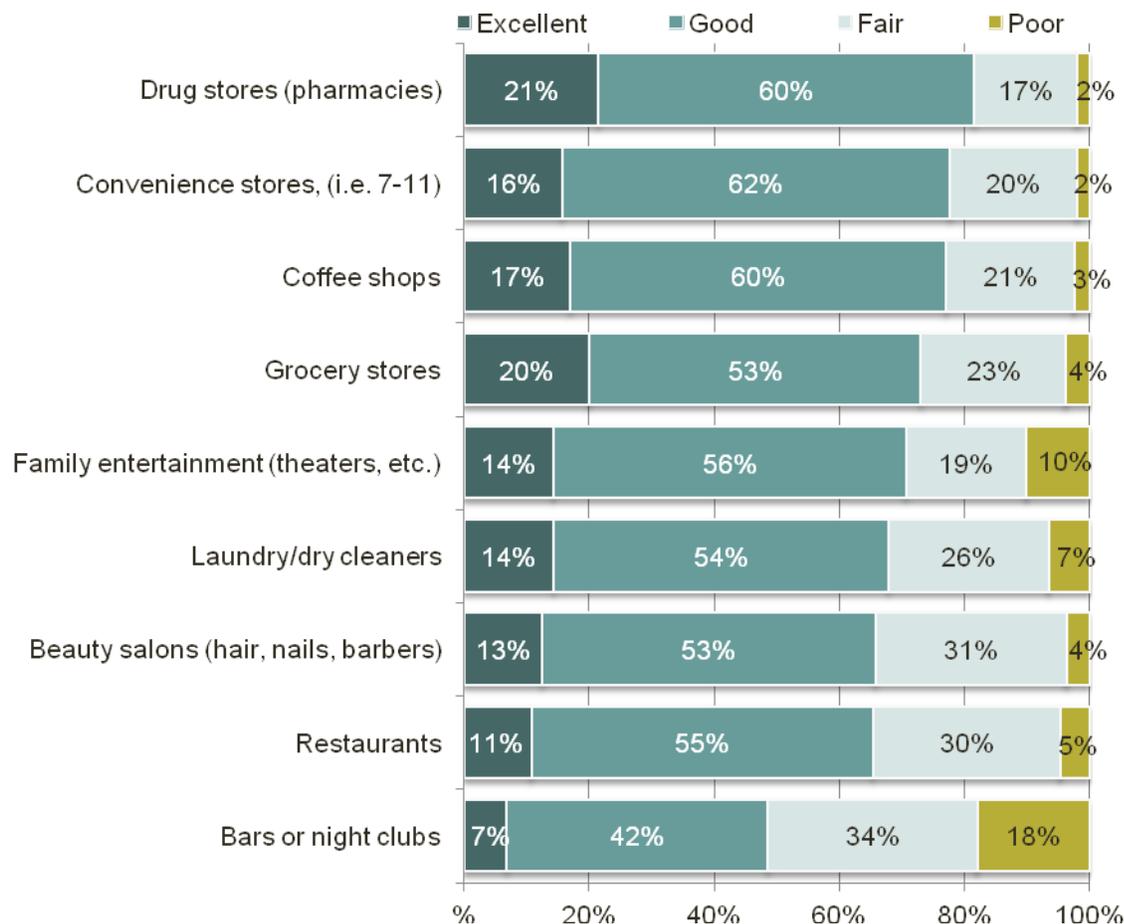
*Total exceeds 100% as respondents could provide more than one response.*

Residents who were aware of businesses in their neighborhood were asked to rate the quality of these businesses. About three-fourths of residents gave ratings of “excellent” or “good” to businesses such as drug stores, convenience stores, coffee shops and grocery stores. About two-thirds of residents with an opinion gave favorable ratings to family entertainment, laundry and dry cleaners, beauty salons and restaurants. Less favorable ratings were given to bars and nightclubs (34% fair and 18% poor).

Homeowners tended to award more positive ratings to the quality of family entertainment and drug stores than renters. Men tended to award more positive ratings to the quality of restaurants, bars or night clubs, beauty salons and family entertainment compared to women. Residents who lived closer to the planned Pearl Harbor rail station tended to give more positive ratings to the quality of restaurants, family entertainment, grocery stores, drug stores and convenience stores in their neighborhood compared to residents who lived closer to the planned Airport/Lagoon Drive rail stations.

Overall, 55% of those aware of bars and nightclubs said they did not know enough to rate them, 47% could not rate laundry/drycleaners, 39% did not know enough to rate family entertainment and 22% did not know enough to rate beauty salons. (See *Appendix A: Survey Results* for a complete set of responses to all questions, including “don’t knows.”)

**Figure 9: Quality of Businesses in Your Neighborhood**

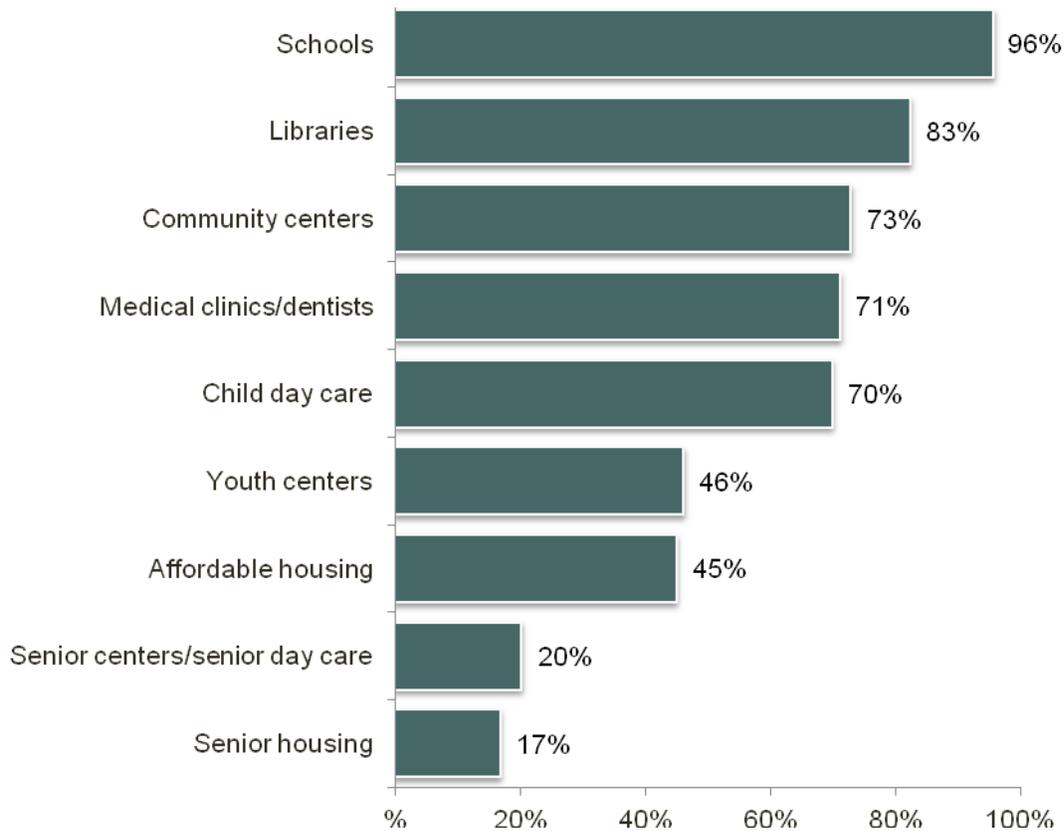


**Community Resources**

When asked whether they were aware of a variety of community resources in their neighborhood, at least 7 in 10 Airport/Salt Lake/Mapunapuna residents agreed that there were schools, libraries, community centers, medical clinics/dentists and child day care in their neighborhood. Fewer were aware of youth centers and affordable housing. Only one-fifth were aware of senior centers/senior day care and senior housing.

Homeowners were more likely to say that libraries, senior centers/senior day care, medical clinics/dentists and senior housing were in their neighborhood compared to renters while renters were more likely to be aware that child day care, youth centers, community centers and affordable housing were in their neighborhood. Women were more likely, compared to men, to say that there were medical clinics/dentists and child day care in their neighborhood. Residents who lived closer to the planned Airport/Lagoon Drive rail stations were more likely to say that libraries, youth centers and affordable housing were in their neighborhood compared to those who lived closer to the planned Pearl Harbor rail station.

**Figure 10: Presence of Community Resources in Your Neighborhood**



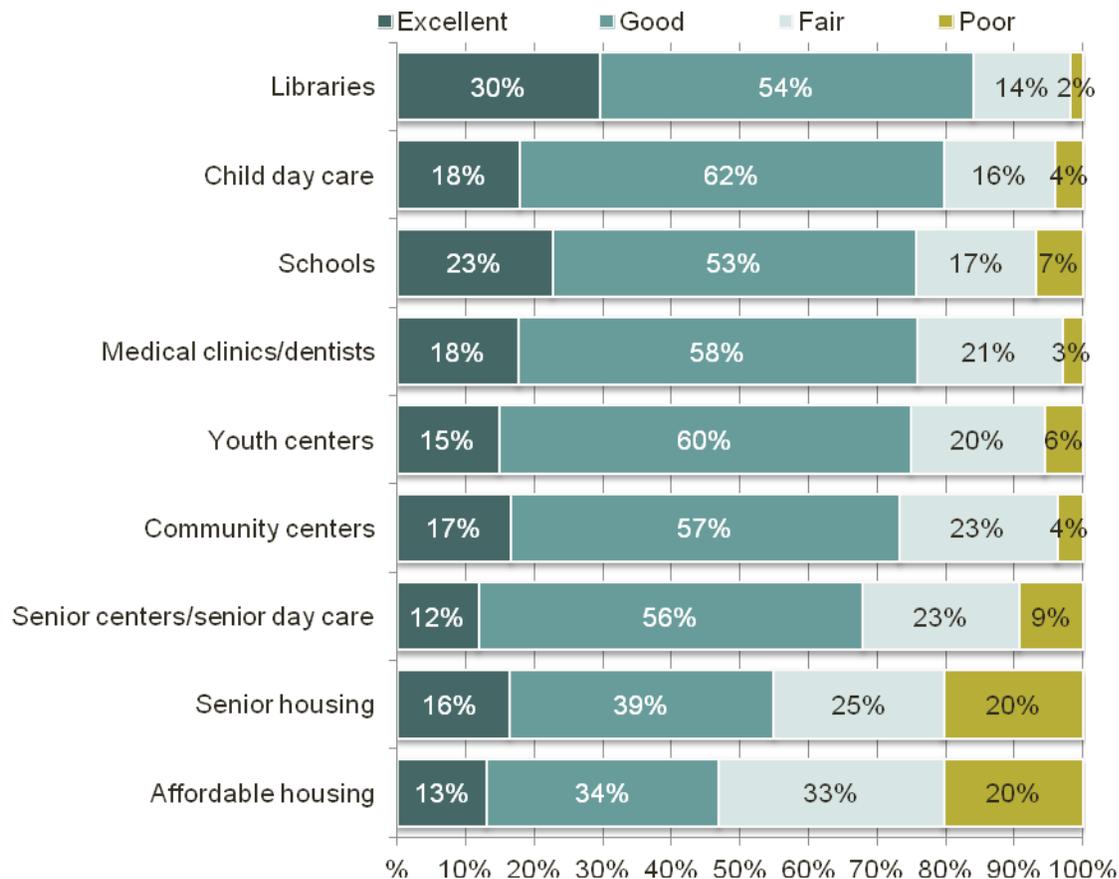
Total exceeds 100% as respondents could provide more than one response.

In addition to identifying what community resources were available in their neighborhood, residents who were aware of the resource were asked to rate the quality of each. Residents gave the highest ratings to libraries and child day care in their neighborhood, with nearly 8 in 10 indicating “excellent” or “good.” Three-fourths also gave favorable ratings to schools, medical clinics/dentists, youth centers and community centers. Affordable housing was given the lowest ratings; 33% of those with an opinion said it was fair, and 20% thought it was poor.

Compared to renters, homeowners gave more favorable ratings of schools while renters gave more positive ratings of youth centers, community centers and affordable housing. Male residents gave more favorable ratings of schools, senior centers/senior day care, affordable housing and senior housing than did female residents. Residents who lived closer to the planned Pearl Harbor rail station tended to give more positive ratings to the quality of schools in their neighborhood and lower ratings to the quality of community centers and senior housing compared to residents who lived closer to the planned Airport/Lagoon Drive rail stations.

With the exception of schools and libraries, 30% or more of Airport/Salt Lake/Mapunapuna residents indicated that they did not know enough to rate each of the community resources listed in Figure 11. (See *Appendix A: Survey Results* for a complete set of responses to all questions, including “don’t knows.”)

**Figure 11: Quality of Community Resources in Your Neighborhood**

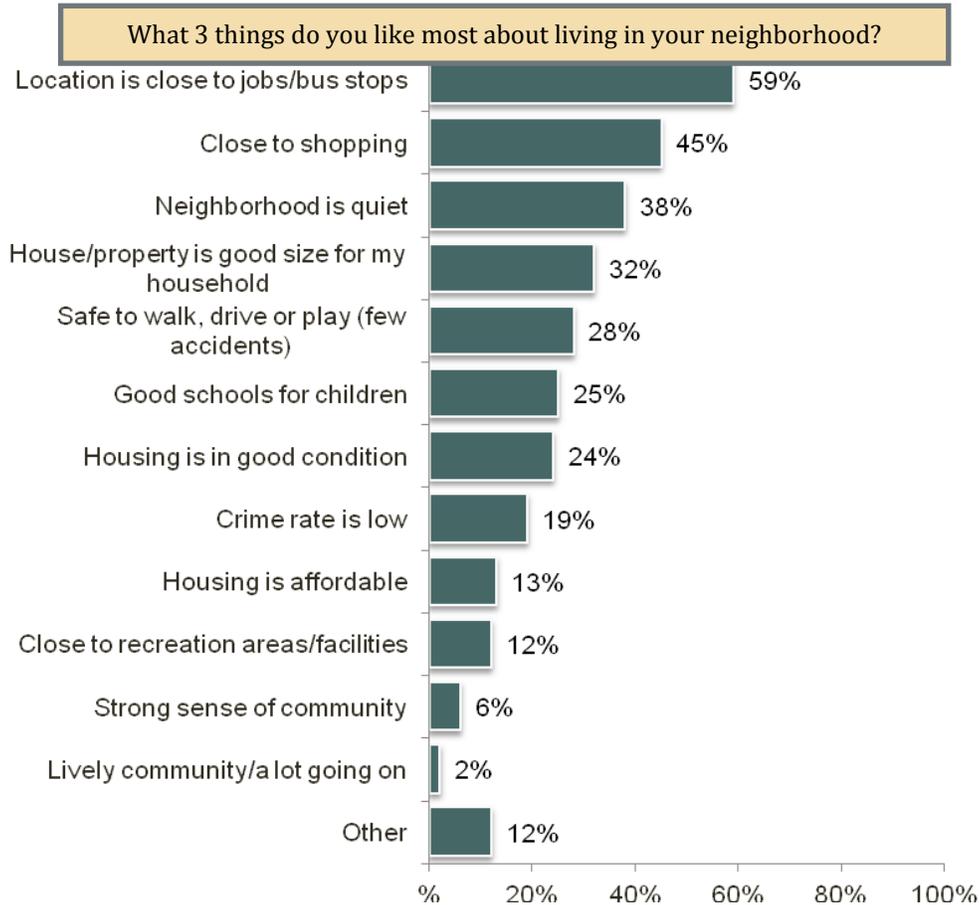


**Best Things about Neighborhood**

Airport/Salt Lake/Mapunapuna residents lauded the location of their neighborhood. When asked what they liked best about living in their neighborhood, the most often chosen amenities were the location (close to jobs/bus stops and shopping) and that it was quiet. The least often chosen amenities were a strong sense of community and a lively community with a lot going on (less than 1 in 10 selected these amenities).

Residents’ favorite neighborhood qualities did not differ by gender. However, renters were more likely than homeowners to mention housing being in good condition among the three things they liked most about their neighborhood. Homeowners were more likely to mention that there were good schools for children and that their neighborhood was close to shopping compared to renters. Residents who lived closer to the planned Pearl Harbor rail station were more likely to mention being close to shopping and house/property size as things they like most about their neighborhood and less likely to mention that housing is in good condition and is affordable compared to those that lived closer to the planned Airport/Lagoon Drive rail stations.

**Figure 12: Like Most about Neighborhood**

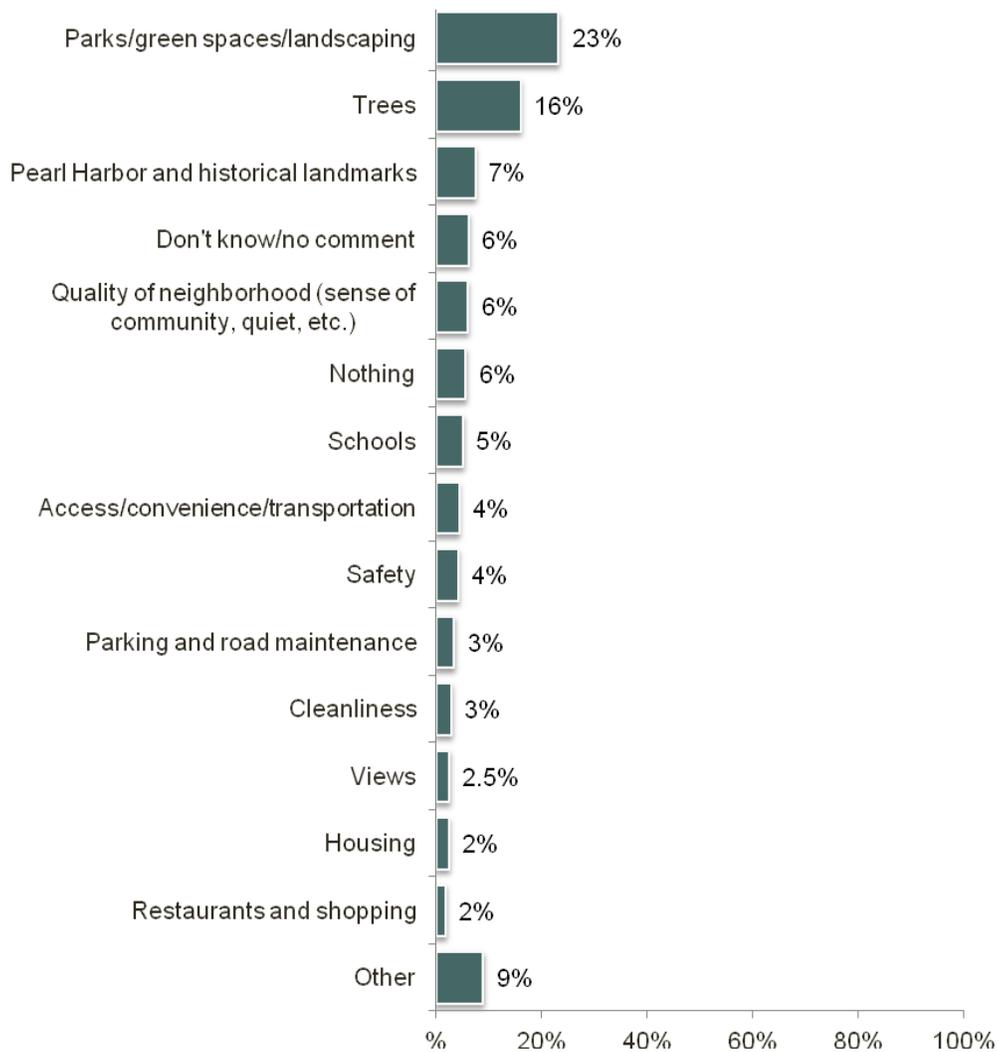


Total exceeds 100% as respondents chose three items. All responses that fell into the “other” category shown in are included in Appendix E: Responses to Open Ended Questions.

Residents were asked to answer, in their own words, the question “What landmarks or characteristics of your neighborhood are most important to preserve?” Their responses were examined and classified into the categories shown in Figure 13. Residents most often responded that they would like landscaping, green spaces, parks, and trees preserved.

Female respondents were more likely to cite landscaping, green spaces and parks compared to male respondents. Renters were more likely than homeowners to cite trees. Residents who lived closer to the planned Pearl Harbor rail station were more likely to cite Pearl Harbor and historic landmarks compared to those who lived closer to the planned Airport/Lagoon Drive rail stations.

**Figure 13: Important Landmarks or Characteristics to Preserve**



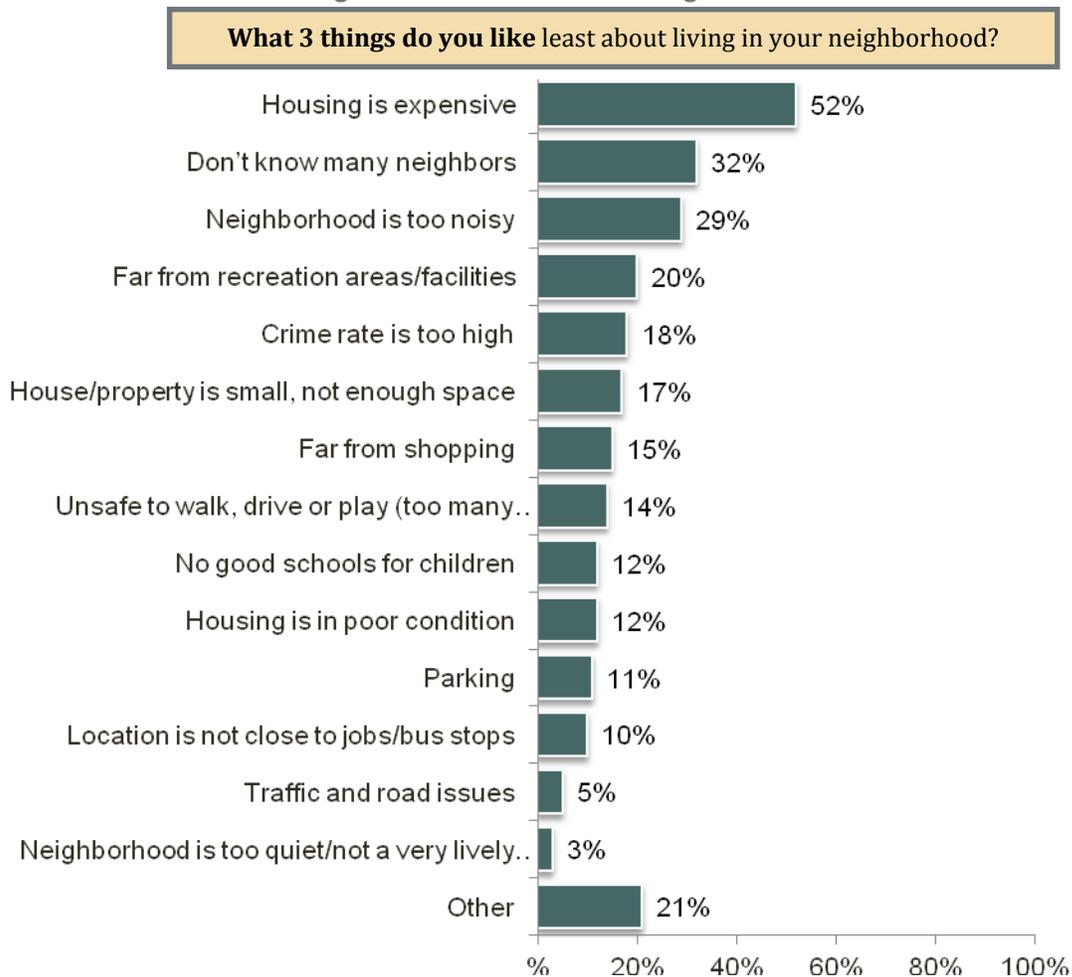
Total exceeds 100% as respondents could indicate more than one item.  
 All responses that fell into the “other” category shown in are included in Appendix E: Responses to Open Ended Questions.

**Areas for Improvement**

Residents were also asked to choose the 3 things they liked least about their neighborhood. They could choose from a list or write in a response if their least favorite things were not listed. The most common complaints were that the housing costs were high (52%), that they don't know many neighbors (32%) and that the neighborhood was too noisy (29%). Others were concerned about proximity to recreation areas/facilities (20%) and crime rates (18%).

When responses were compared by resident characteristics, renters were more likely than owners to say that housing was too expensive and they don't know many neighbors, while owners were more likely to cite the neighborhood being too noisy, unsafe to walk, drive or play and parking issues. Men said their neighborhood was too noisy more often than women. Residents who lived closer to the planned Pearl Harbor rail station were more likely to say that noise and parking were things they liked least about their neighborhood compared to residents who lived closer to the planned Airport/Lagoon Drive rail stations.

**Figure 14: Like Least about Neighborhood**

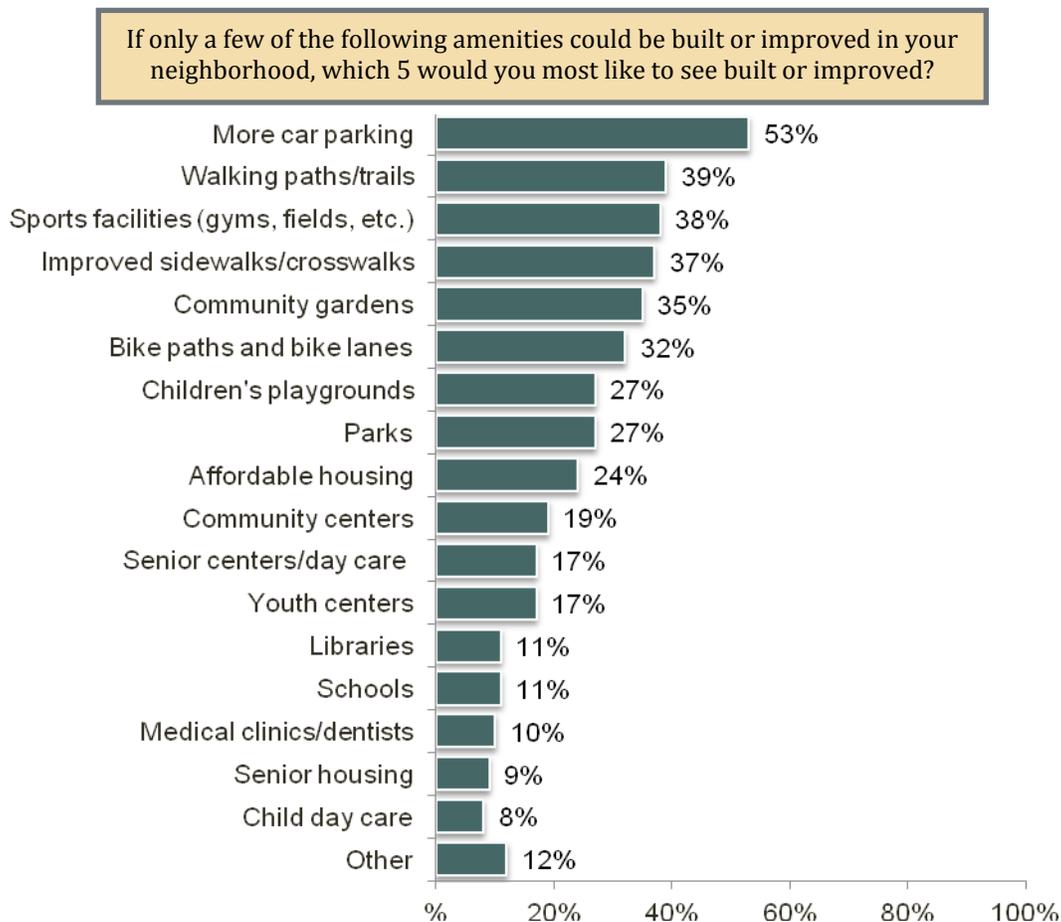


Total exceeds 100% as respondents chose three items. All responses that fell into the "other" category shown in are included in Appendix E: Responses to Open Ended Questions.

Having outlined what was good or bad about their neighborhoods, residents were asked what five things they would most like to see built or improved. They could choose from a list or write in an item. The top two concerns were related to mobility: 39% wanted to see improved or more walking paths/trails, and 53% wanted more car parking. Many also wanted to see improved sidewalks/crosswalks (37%) and improved or more sports facilities (38%). The amenities least often cited were senior housing and child day care with less than 1 in 10 residents indicating each as an area for improvement.

Renters were more likely than homeowners to cite walking paths/trails, bike paths and bike lanes and affordable housing as amenities they would most like to see improved in their neighborhood. Homeowners were more likely to cite more car parking, community centers, senior centers/senior day care and youth centers as amenities they would most like to see improved in their neighborhood. Male residents cited sports facilities more often than female residents, whereas female residents cited car parking more often. Residents who lived closer to the planned Pearl Harbor rail station were more likely to cite improved sidewalks/crosswalks, community centers and senior centers/day care as top improvements and less likely to cite community gardens compared to those who lived closer to the planned Airport/Lagoon Drive rail stations.

**Figure 15: Top Rated Five Neighborhood Improvements**

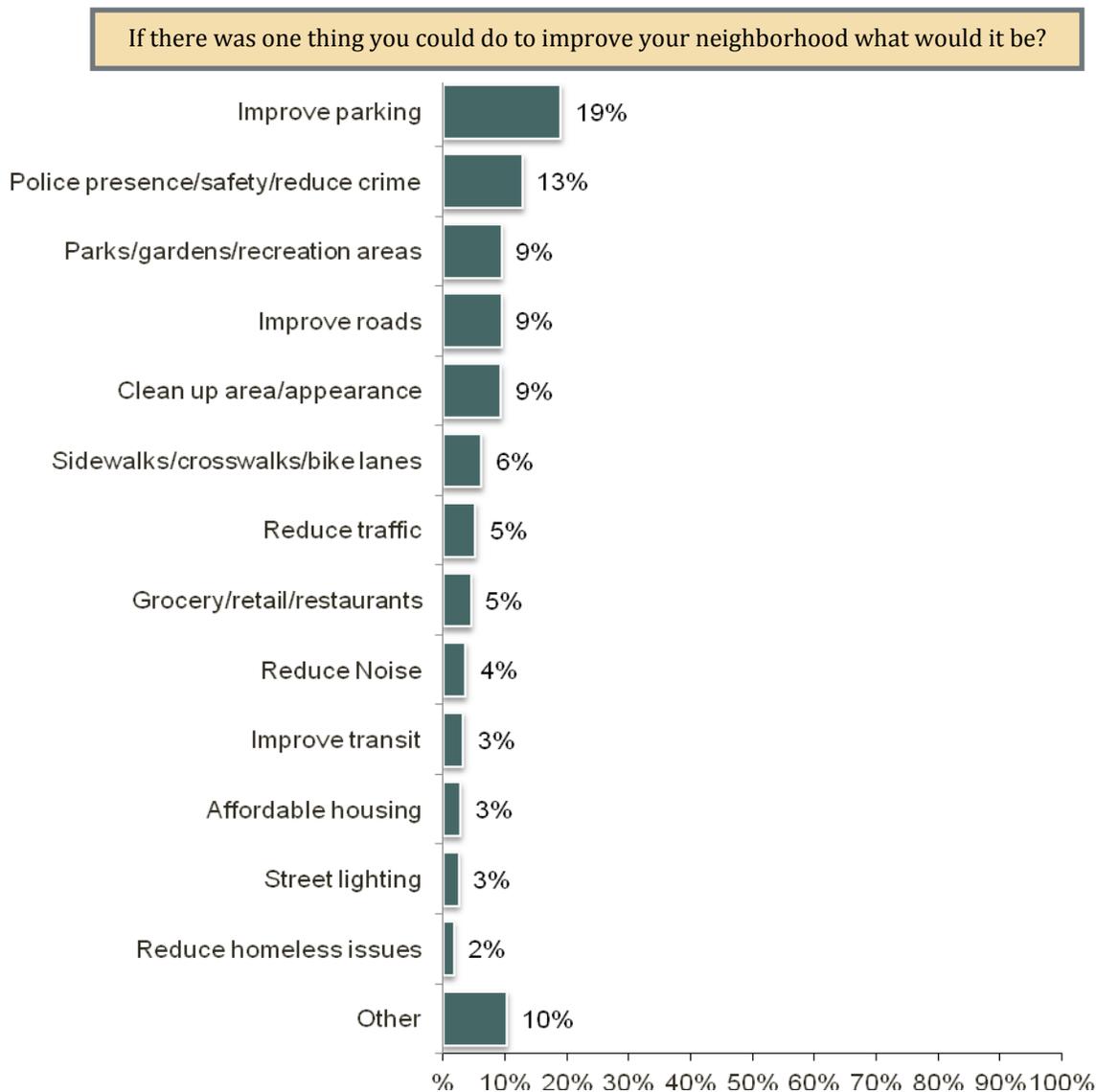


Total exceeds 100% as respondents chose five items.  
 All responses that fell into the "other" category shown in are included in Appendix E: Responses to Open Ended Questions.

Residents were asked to identify, in their own words, one thing they would do to improve their neighborhood. These written responses were classified into categories. The most commonly cited areas for improvements were parking (19%) and safety (including increasing police presence and reducing crime, 13%).

Responses did not vary by gender. Homeowners were more likely than renters to want improved parking. Survey respondents who lived closer to the planned Pearl Harbor rail station were more likely to ask for improved parking compared to those who lived closer to the planned Airport/Lagoon Drive rail stations.

**Figure 16: Neighborhood Improvements**



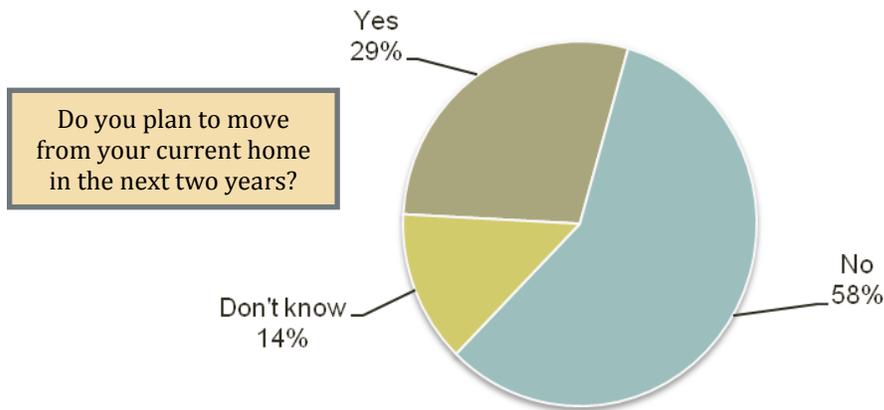
*All responses that fell into the "other" category shown in are included in Appendix E: Responses to Open Ended Questions.*

**Thoughts about Relocation**

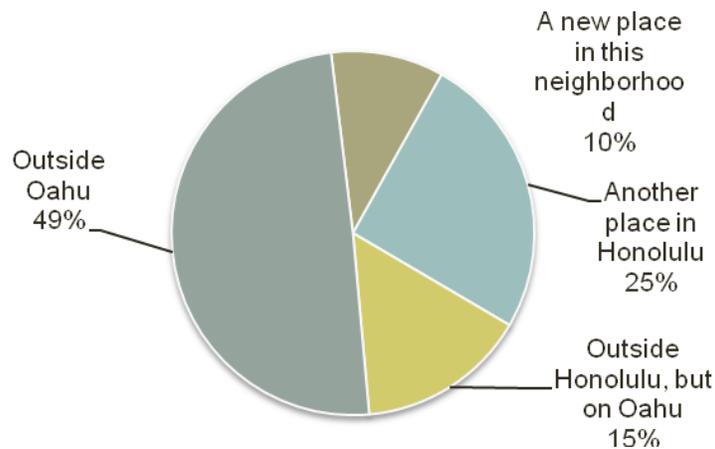
About 6 in 10 Airport/Salt Lake/Mapunapuna residents planned to stay in their homes for at least the next two years, one-third planned to move in this time frame, and 14% did not know whether they would move. Of those who planned to move, most did not plan to stay in their neighborhood (90%); 49% planned to leave Oahu, 25% planned to move to another location in Honolulu, while 15% would move outside the city.

Renters were much more likely than owners to have plans relocate in the two years following the survey (51% of renters versus 13% of owners). Whereas homeowners were more likely to move to a new place in Honolulu, renters were more likely to move outside Oahu. Residents who lived closer to the planned Pearl Harbor rail station were less likely to move from their current home in the next two years compared to those who lived closer to the planned Airport/Lagoon Drive rail stations.

**Figure 17: Plans to Move**



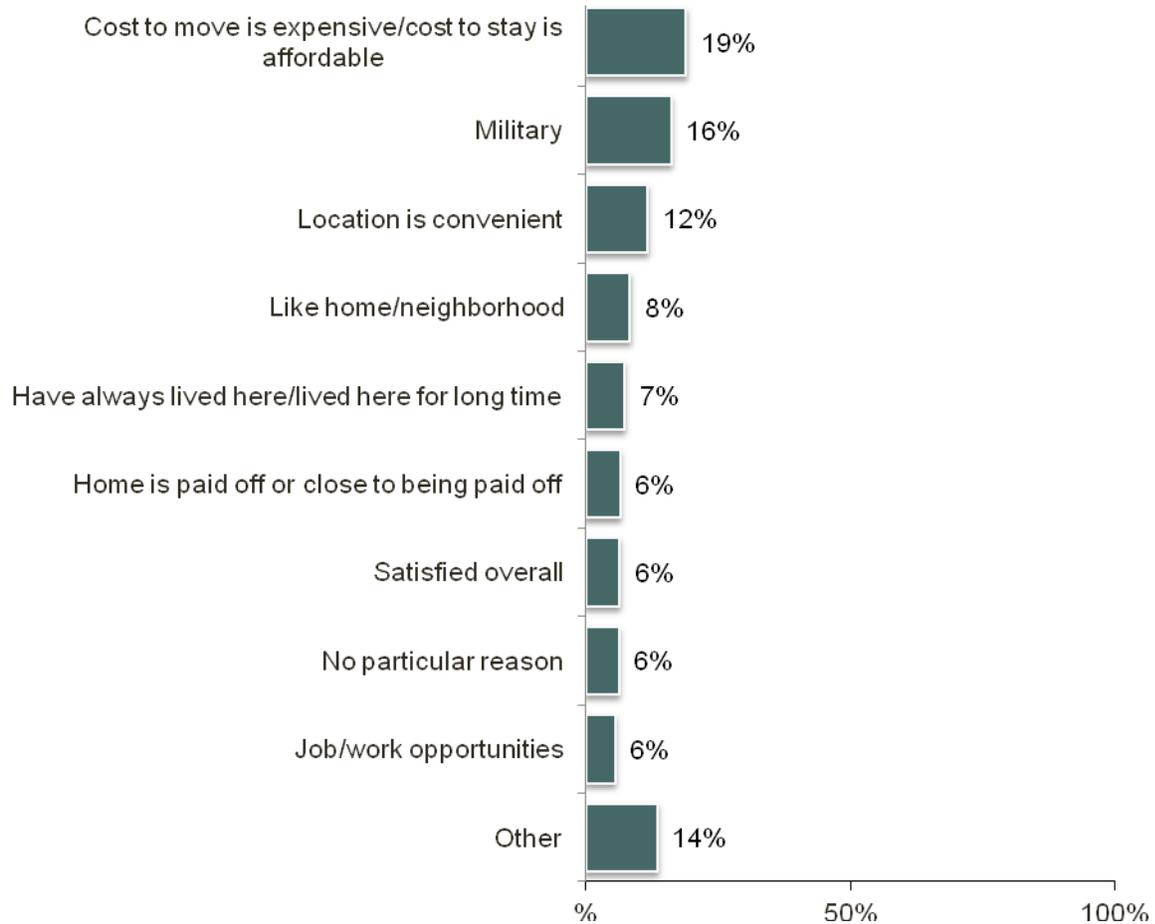
**Figure 18: Location of Move**



*This question was only asked of those who indicated they plan to move.*

Residents who did not plan to move or didn't know if they planned to move were asked to indicate, in their own words, their reasons to stay in their neighborhood. These written responses were classified into categories. The most commonly cited reasons were that it was expensive to move or more affordable to stay (19%) and that they lived in Military housing (16%).

**Figure 19: Reasons to Not Move**

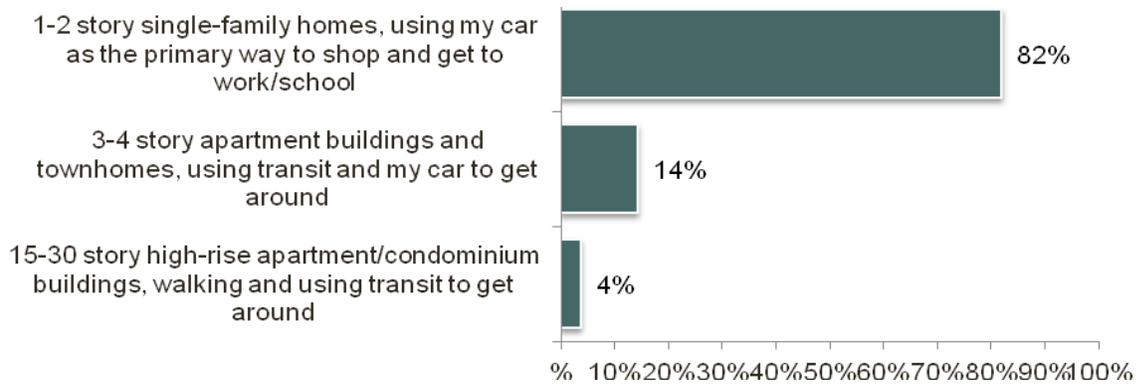


*Asked of those who indicated they did not plan to move or did not know if they plan to move.*

Regardless of their intent to move, Airport/Salt Lake/Mapunapuna residents were asked what type of neighborhood they most desired. About four-fifths wanted a neighborhood with low-scale single-family homes and would be happy to use a car for transportation. Few wanted to live in high-rises, walking and using transit to get around (4%), while some would like the middle ground, a neighborhood with low-rise apartments (3-4 stories) and opportunities to use cars or transit to get around (14%).

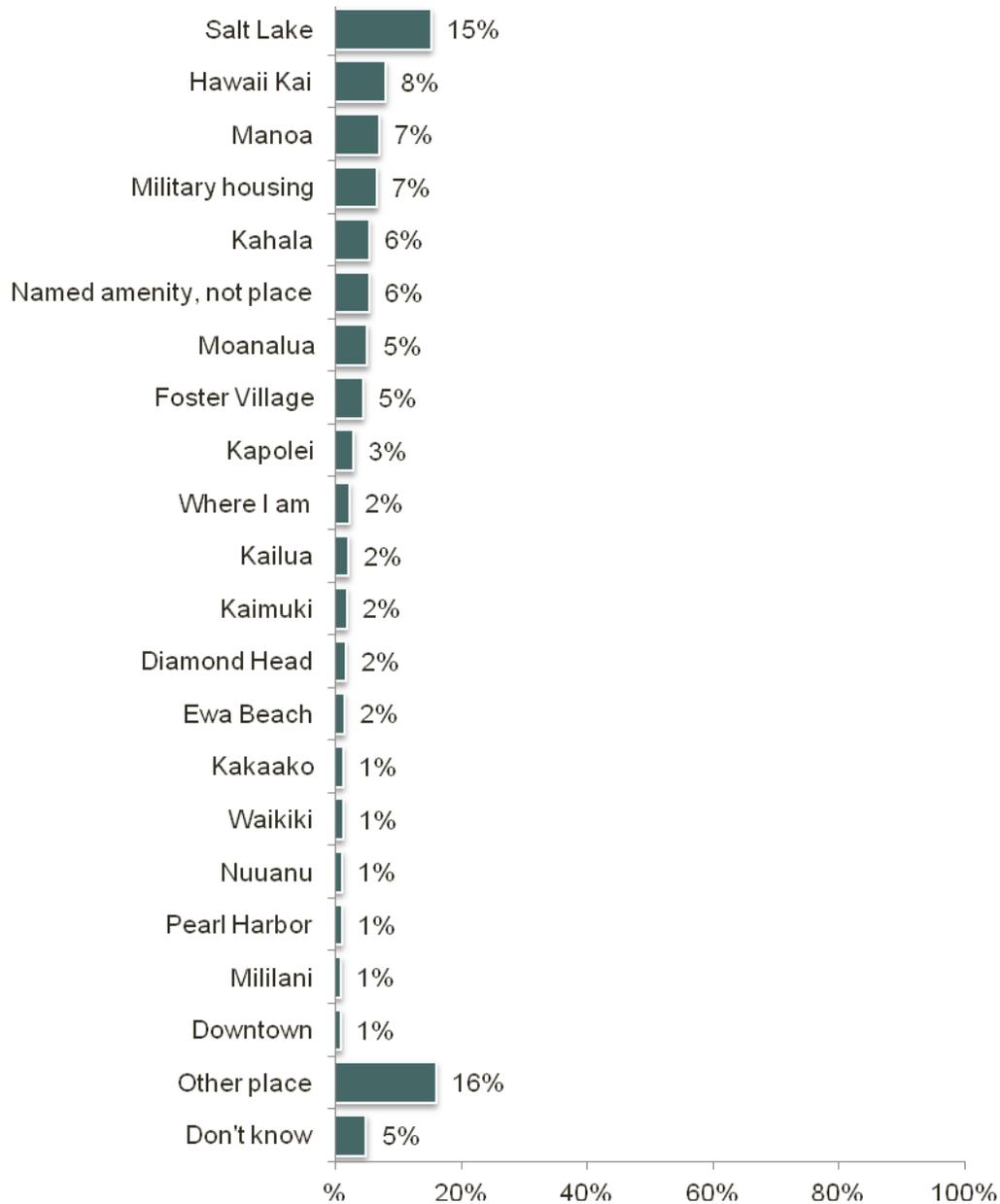
Residents who lived closer to the planned Pearl Harbor rail station were more likely to indicate wanting to live in a 1-2 story single family home using their car as the primary way to shop and get to work or school while residents who lived closer to the planned Airport/Lagoon Drive rail stations were more likely to indicate wanting to live in a 3-4 story apartment building/townhome using transit and their car to get around.

**Figure 20: Desired Neighborhood Type**



When asked what neighborhood in Honolulu they would most like to live in, current Airport/Salt Lake/Mapunapuna residents gave a wide variety of responses. Fifteen percent indicated Salt Lake and each other neighborhood received a rating from less than ten percent of respondents.

**Figure 21: Most Attractive Honolulu Neighborhood as a Place to Live**



All responses that fell into the “other place” category shown in are included in Appendix E: Responses to Open Ended Questions.

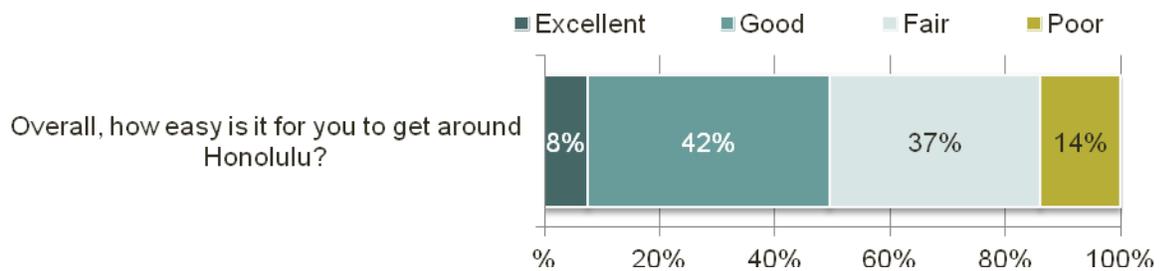
## Neighborhood Mobility

Respondents were asked how easy it was to get around their neighborhood by car, bike, walking and transit; they were also asked to rate aspects of the infrastructure that support these travel modes.

Most Airport/Salt Lake/Mapunapuna residents said they could get around Honolulu with at least a fair amount of ease. Only 14% rated their ease of travel as poor, but just 8% said it was excellent. Getting around this area was easiest by walking (Figure 23), followed closely by transit (Figure 25); most residents viewed biking (Figure 24) as difficult.

Homeowners in Airport/Salt Lake/Mapunapuna neighborhoods found it easier to get around in Honolulu overall compared to renters. Ratings did not differ by gender or closest station.

Figure 22: Overall Ease of Getting Around Honolulu



About 7 in 10 Airport/Salt Lake/Mapunapuna residents rated the overall ease of walking in their neighborhood as “excellent” or “good.” A slightly larger proportion gave positive ratings to the presence of sidewalks, while slightly fewer rated safety while walking, the number of crosswalks/crossing lights, and the condition of sidewalks as “excellent” or “good.” Each aspect related to walking in neighborhoods received a positive rating from at least a majority of residents.

Ratings did not vary by respondent gender or closest station. Renters tended to award higher marks to each aspect related to walking in neighborhoods compared to homeowners.

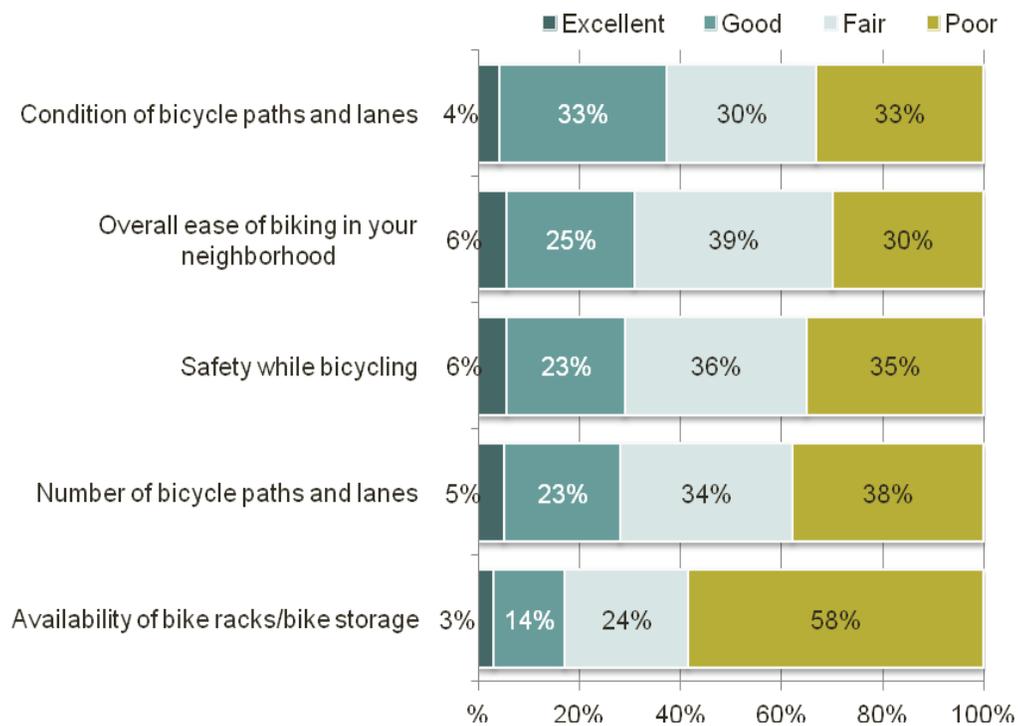
Figure 23: Walking in Neighborhood



Airport/Salt Lake/Mapunapuna residents were less positive about bicycle travel in their neighborhoods. About 6 in 10 respondents rated the availability of bike racks/bike storage as poor. Between 33% and 38% rated the remaining aspects of biking in their neighborhood as poor. Fewer than 10% rated each aspect as excellent.

Ratings did not vary by respondent gender or closest station. Renters felt more positive about the overall ease of biking in their neighborhood compared to homeowners.

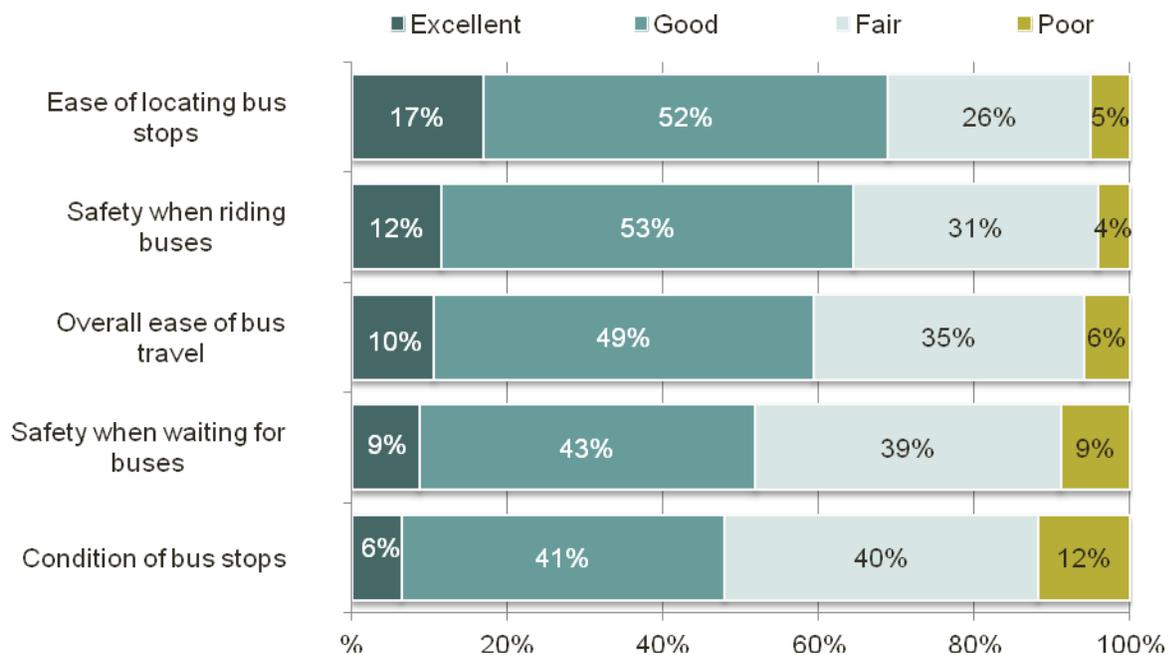
Figure 24: Biking in Neighborhood



The overall ease of travel by public transit was rated as “excellent” or “good” by 59% of Airport/Salt Lake/Mapunapuna residents. Residents generally gave good (or better) ratings for the ease of locating bus stops and safety when riding buses. There was more concern about the condition of bus stops and safety while waiting for buses; about half rated these as fair or poor.

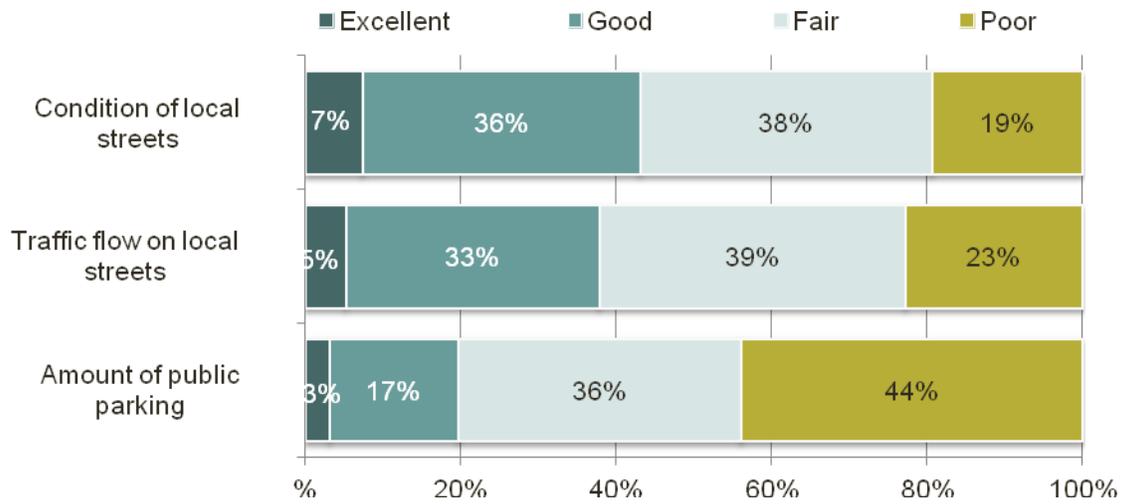
Male respondents were more likely than female respondents to give high marks for ease of locating bus stops. Survey respondents who lived closer to the planned Pearl Harbor station gave lower ratings for the condition of bus stops compared to those who lived closer to the planned Airport/Lagoon Drive rail stations. Responses did not vary by housing tenure.

Figure 25: Public Transit in Neighborhood



Airport/Salt Lake/Mapunapuna residents had some concerns related to automobile infrastructure. Nearly half of residents gave poor ratings to the amount of public parking (44%), and most others rated it as fair (36%). About 4 in 10 gave fair ratings to the condition of local streets and traffic flow on local streets, with about 2 in 10 saying these were poor. Fewer than 10% rated each aspect as excellent.

Figure 26: Auto Use in Neighborhood

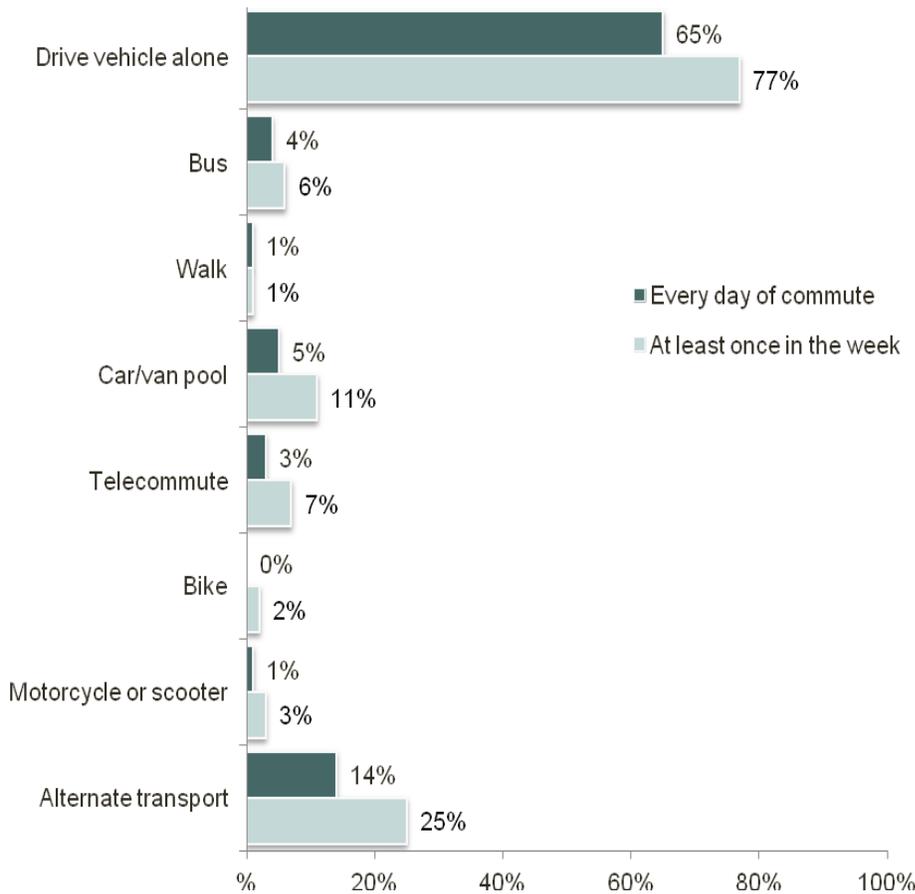


**Travel Patterns**

About one-fourth of Airport/Salt Lake/Mapunapuna residents who were working or attending school used alternate transportation modes for at least one day of their commute each week, while 65% drove alone every day. Just 14% of residents used alternate transportation modes every day of the week. Taking the bus and car/van pool were the most commonly used alternate transportation modes.

Residents who lived closer to the planned Airport/Lagoon Drive stations were more likely to drive their vehicle alone at least one day a week compared to those who lived closer to the planned Pearl Harbor station.

**Figure 27: Commuted by Travel Mode in Prior Week (if worked or attended school)**

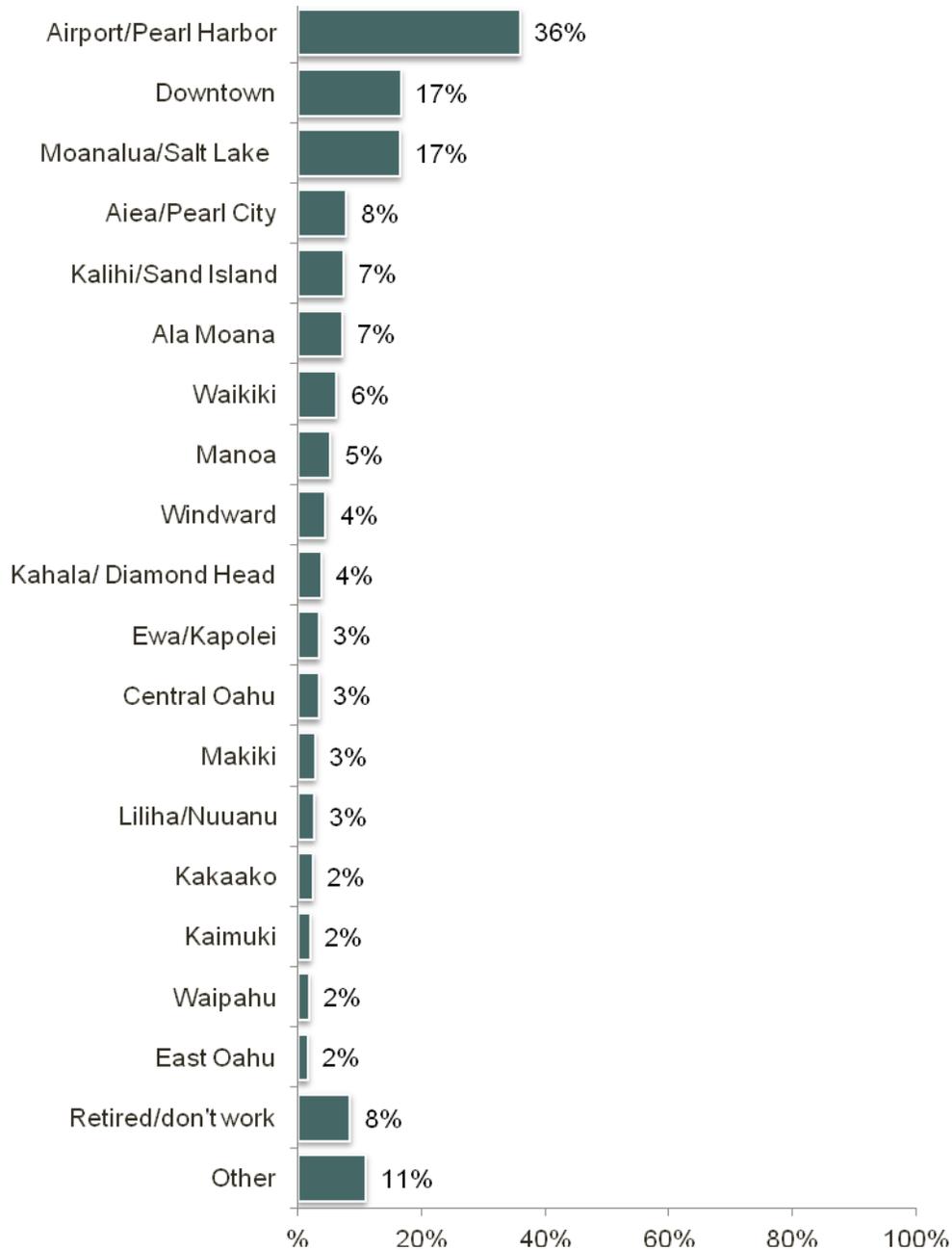


*\*Alternate transportation= bus, walk, bike, car or vanpool or telecommute. Total may exceed 100% as respondents could use more than one mode.*

One-third of those living near the proposed Pearl Harbor, Airport and Lagoon Drive stations also worked or attended school in the Airport/Pearl Harbor area, while 17% worked or attended school near downtown, and 17% worked or attended school near Moanalua/Salt Lake.

More homeowners (22%) than renters (9%) worked or attended school near downtown or were retired (13% vs. 1%), whereas more renters (59%) than homeowners (21%) worked or attended school near Airport/Pearl Harbor area.

Figure 28: Location of Work or School



Total may exceed 100% as respondents could work at more than one location. All responses that fell into the "other" category shown in are included in Appendix E: Responses to Open Ended Questions.

Most households in the Airport/Salt Lake/Mapunapuna area had at least one car (99%) and many had two or more cars (70%). Ratings for the safety of biking in the area were poor, so it is not surprising that bikes were not very prevalent in these households. Only 39% of households had adult bikes, and 50% of households with children had children's bikes.

**Table 1: Number of Vehicles and Bikes in Household**

	Vehicles	Adult bikes	Children's bikes
None	1%	61%	76%
1	28%	18%	11%
2	44%	17%	9%
3 or more	26%	5%	4%

**Table 2: Number of Vehicles and Bikes in Household with Children**

	Vehicles	Adult bikes	Children's bikes
None	1%	49%	50%
1	16%	22%	23%
2	50%	24%	19%
3 or more	33%	5%	8%

Very few Airport/Salt Lake/Mapunapuna residents had not heard about plans for building a rail transit line in Honolulu. About 40% to 51% of residents thought they would use this rail line for a variety of trips once it was built. The most likely anticipated use of the rail line was for trips to go shopping and to go to restaurants, bars or nightclubs, with 51% indicating they would be very or somewhat likely to use it for such trips. Residents were least likely to use the rail line to go to work or school (40% were very or somewhat likely to use it for such trips).

Renters were more likely than homeowners to say they would use rail transit for all listed trips (see Figure 30) except for getting to work or school where responses did not vary by tenure. Residents who lived closer to the planned Airport/Lagoon Drive rail stations were more likely to use rail transit to go shopping or to go to restaurants, bars or night clubs compared to those who lived closer to the planned Pearl Harbor station.

Figure 29: Awareness of Rail Transit Line Plans

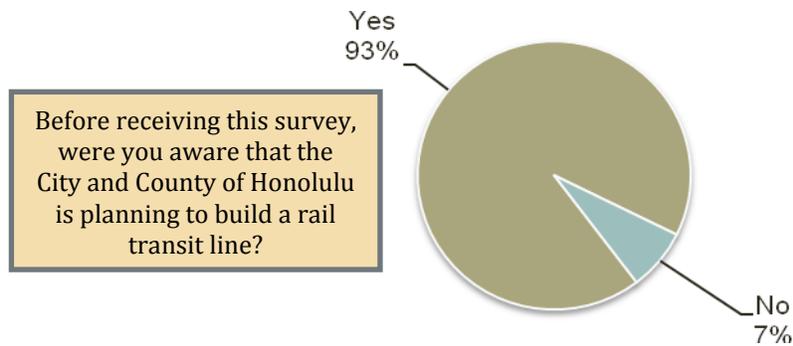
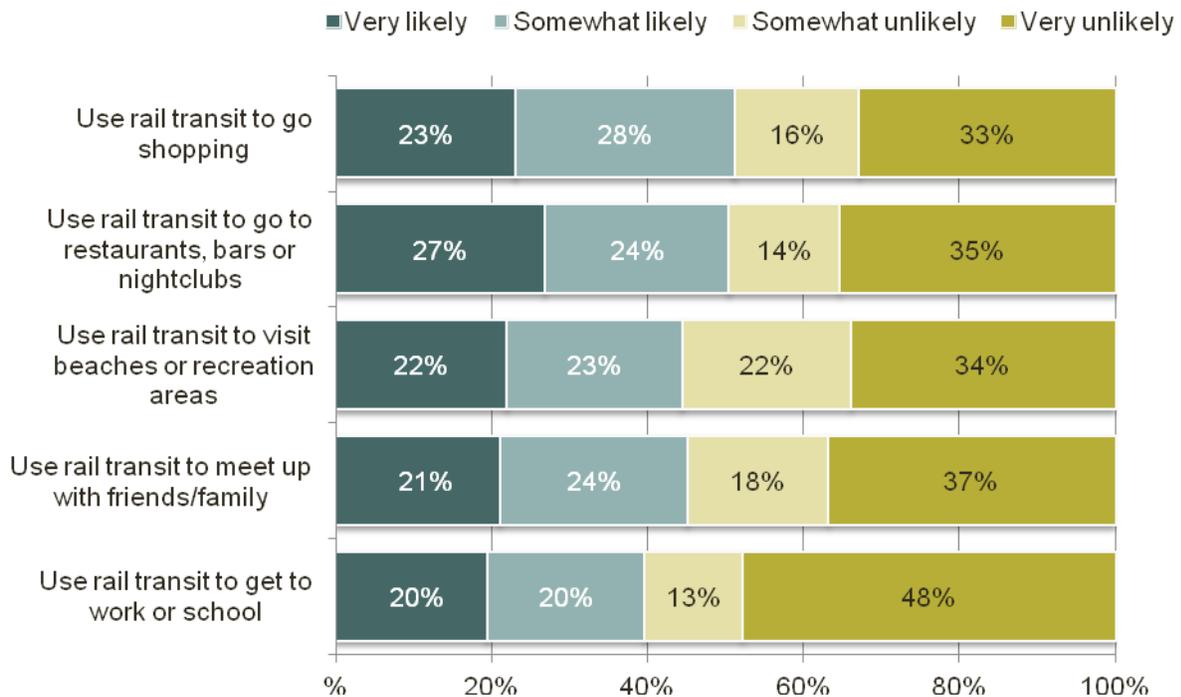


Figure 30: Likelihood of Rail Line Use



Half of survey respondents indicated that the Pearl Harbor station would be their preferred rail station while one-third indicated Airport station. Only 20% indicated the Lagoon Drive station. About three-fourths of those closest to the planned Pearl Harbor station indicated they would be more likely to use the Pearl Harbor station, while about one in five indicated they would be more likely to use the Airport station.

Figure 31: Station Preference

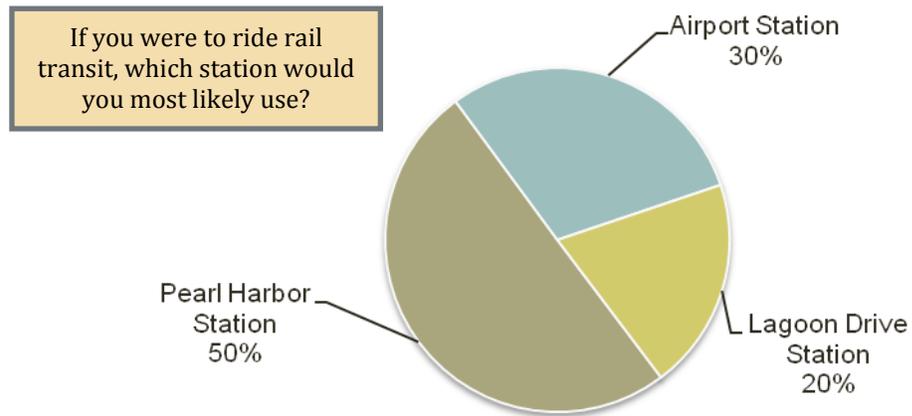


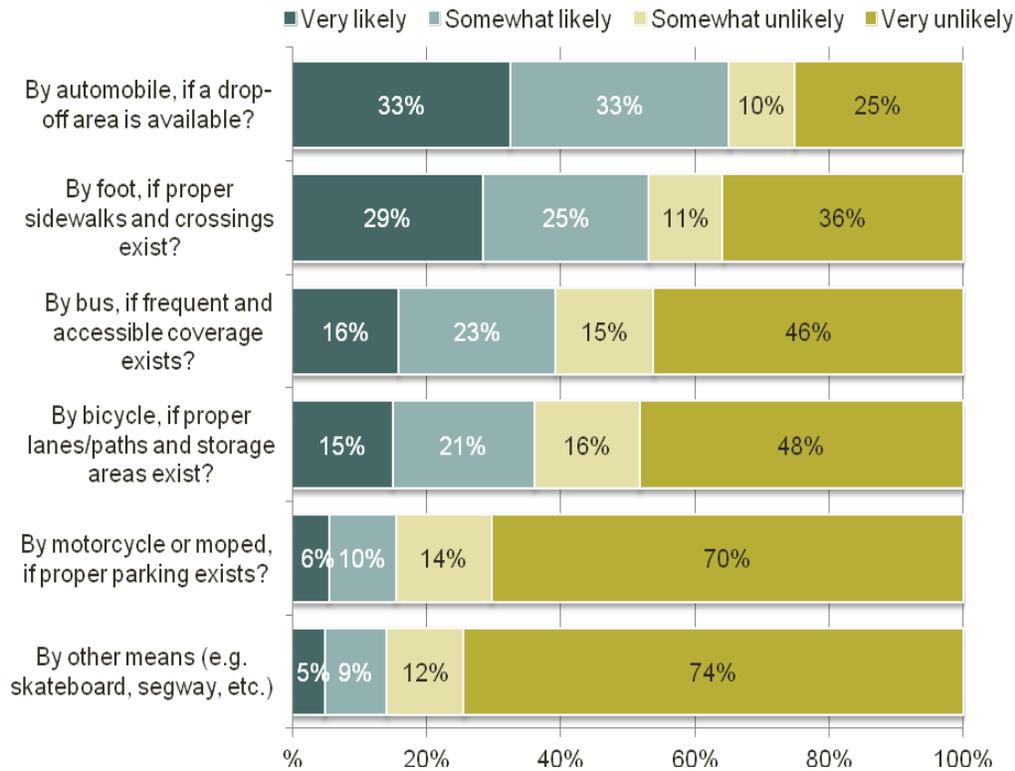
Figure 32: Station Preference by Closest Station

If you were to ride rail transit, which station would you most likely use?	Airport/Lagoon Drive	Pearl Harbor	Overall
Pearl Harbor Station	18%	74%	50%
Airport Station	40%	22%	30%
Lagoon Drive Station	42%	4%	20%

Residents were asked to indicate how likely they would be to travel to and from their preferred rail station using a variety of modes of travel with the understanding that parking will not be provided at the stations. Two-thirds of residents would be at least somewhat likely to travel by automobile if a drop-off area was available. Slightly fewer would be at least somewhat likely to travel by foot if proper sidewalks and crossings existed (54%). Less than a majority indicated they would travel by bus if frequent and accessible coverage existed (39%), and a similar percent would travel by bicycle if proper lanes, paths and storage areas existed (36%). About three-fourths indicated they would be very unlikely to travel by other means.

Renters tended to indicate they would be more likely to travel by foot or bicycle compared to homeowners, while homeowners would be more likely to travel by bus. Men indicated being more likely, compared to women, to travel by bicycle and motorcycle. Residents who lived closer to the planned Pearl Harbor station were more likely to travel by bus if frequent and accessible coverage existed but were less likely to travel by foot if proper sidewalks and crossing existed compared to those who lived closer to the planned Airport/Lagoon Drive stations.

Figure 33: Likelihood of Modes of Travel to/from Rail Station



Those who typically commuted by alternate travel modes were more likely than those who typically drove alone to work or school to say they would be likely to use the rail transit to commute to work or meet up with friends/family. However, about 4 in 10 of those who currently drove alone for their commute were willing to try rail transit when it became available.

**Figure 34: Likelihood of Rail Transit Use by Typical Commute Mode**

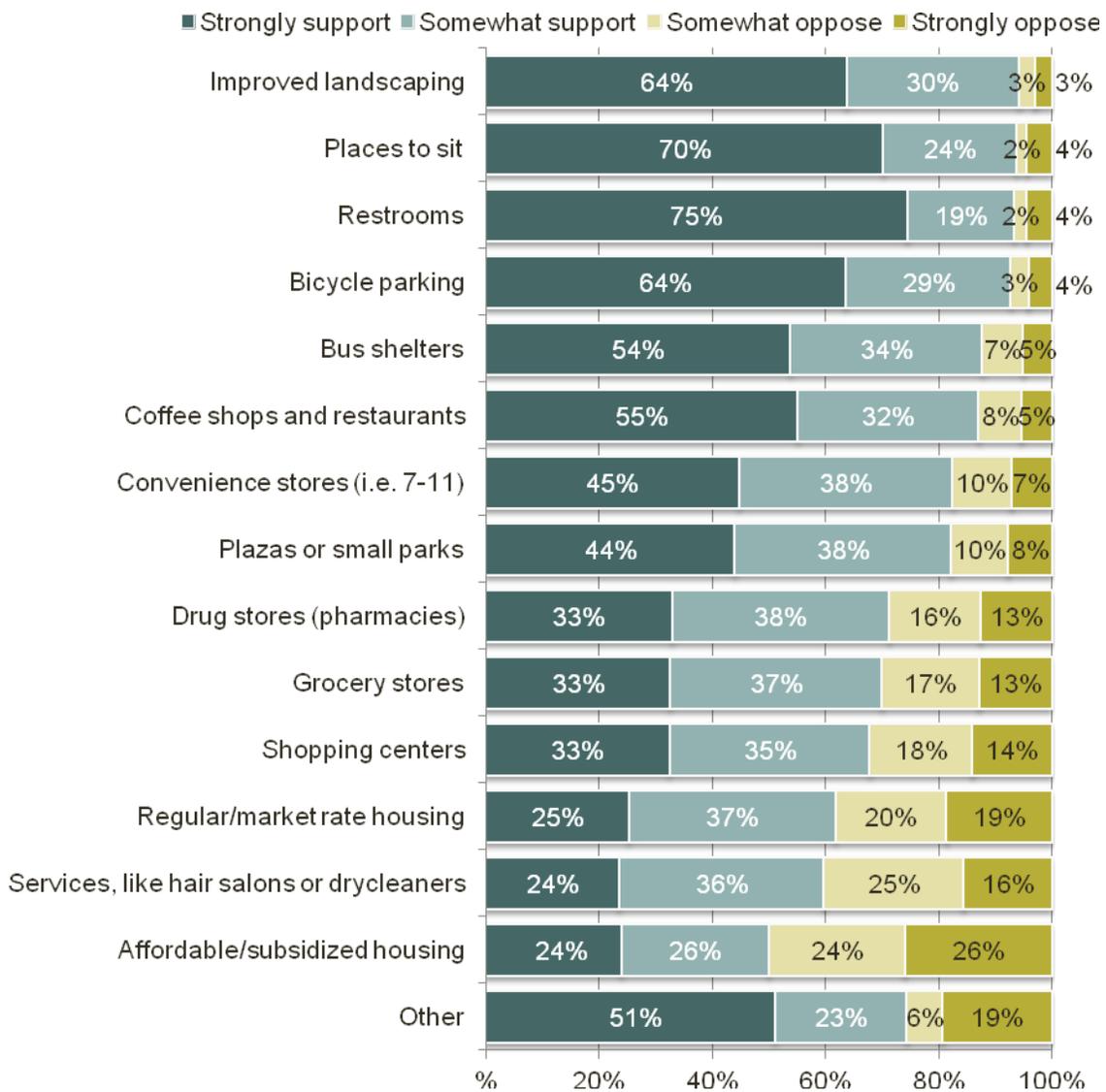
	Percent very or somewhat likely	
	Typically drive alone	Typically use alternate modes
Use rail transit to get to work or school	38%	49%
Use rail transit to go shopping	51%	54%
Use rail transit to go to restaurants, bars or nightclubs	51%	47%
Use rail transit to visit beaches or recreation areas	44%	46%
Use rail transit to meet up with friends/family	43%	55%

## Development Opportunities

When residents were asked which of a list of amenities they would support (or oppose) being built near their closest planned rail station, at least a majority supported every amenity listed. Residents were most supportive of improved landscaping, places to sit, restrooms, bicycle parking, bus shelters, coffee shops and restaurants, convenience stores, and plazas or small parks. Support was weakest for affordable/subsidized housing and hair salons or drycleaners.

Female respondents were more supportive of building grocery stores and affordable/subsidized housing compared to male respondents. Homeowners were more likely than renters to support building convenience stores, drug stores and other amenities near the planned rail stations.

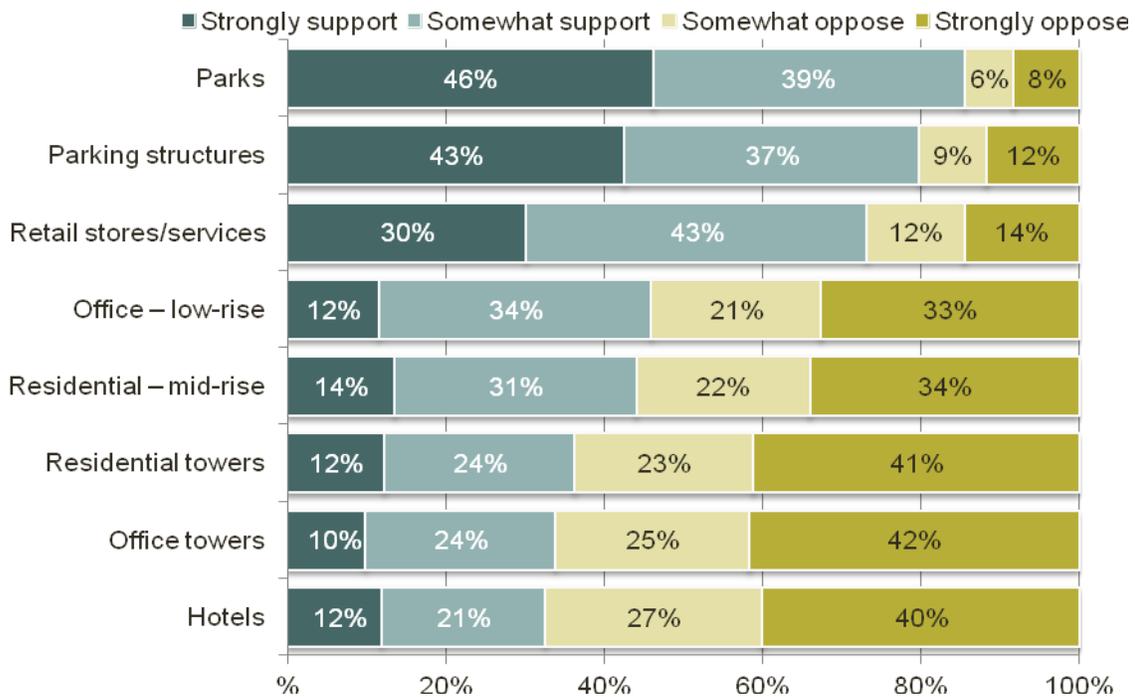
Figure 35: Support for New Amenities near Closest Planned Rail Station(s)



Residents also were asked whether they would support or oppose specific types of development near the planned rail stations. Parks, parking structures and retail stores/services received the most support, with at least three-fourths of respondents indicating that they “strongly” or “somewhat” supported these building initiatives. Support was weakest (and opposition strongest) for hotels, office towers and residential towers.

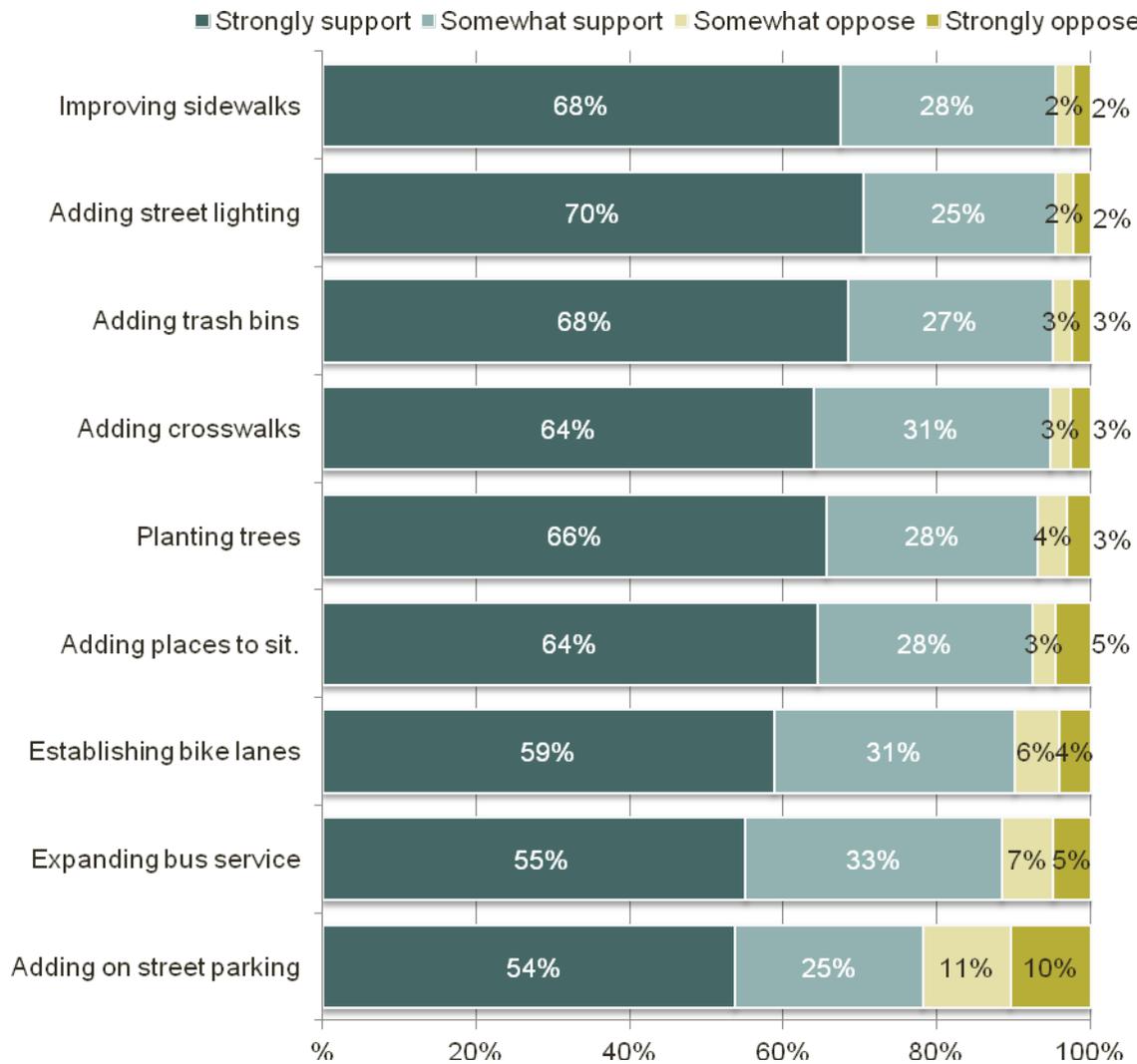
Homeowners were more supportive than renters of residential towers, mid-rise residential developments, office towers and low-rise office developments.

**Figure 36: Support for New Development near Closest Planned Rail Station(s)**



Support for improving major streets near the planned rail stations was strong. Residents welcomed all the improvements suggested and most strongly supported improving sidewalks, adding street lighting, adding trash bins, adding crosswalks, plantings trees, adding places to sit and establishing bike lanes; with at least 9 in 10 resident strongly or somewhat supporting these improvements. Adding street parking received the least support; still, 8 in 10 respondents strongly or somewhat supported this proposed addition.

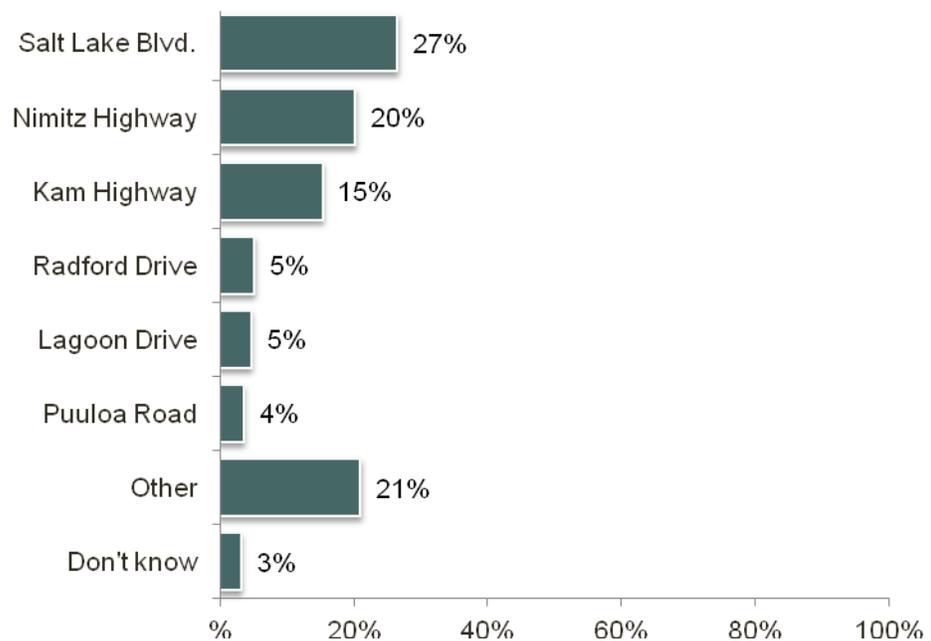
Figure 37: Support for Major Street Improvements near Closest Planned Rail Station(s)



About one-third of residents agreed that Salt Lake Boulevard was most in need of these types of improvements. Slightly fewer residents (20%) felt that Nimitz Highway most warranted attention and 15% indicated Kamehameha Highway was most in need of improvement.

More renters and women compared to homeowners and men indicated that Nimitz Highway was more in need of improvements, while more homeowners and men felt Salt Lake Blvd. was most in need. Residents who lived closer to the planned Pearl Harbor station were more likely to indicate that Kamehameha Highway and Salt Lake Boulevard were more in need of improvements and less likely to indicate Nimitz Highway or Puuloa Road compared to those who lived closer to the planned Airport/Lagoon Drive stations.

Figure 38: Major Street Improvements



## Appendix A: Survey Results

The 95 percent confidence level for the survey is generally no greater than plus or minus four percentage points around any given percent reported for all the respondents (719). If there is a question where not all respondents were required to respond, the results for that question will have a wider confidence interval (For example, in questions 7 and 8 where only those who said an amenity or business existed in their neighborhood were asked to rate it). Therefore, where estimates are given for subgroups, they are less precise.

Question 1												
Please rate each of the following characteristics of your neighborhood.	Excellent		Good		Fair		Poor		Don't know		Total	
	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
Cleanliness of public spaces (including streets/sidewalks)	16%	113	47%	333	29%	209	8%	54	0%	2	100%	711
Availability of trash/recycling receptacles	21%	151	37%	263	23%	159	16%	112	3%	19	100%	704
Presence of trees and other shade providing canopies	14%	101	37%	262	30%	211	17%	118	2%	11	100%	704
Presence of sidewalks	26%	183	51%	362	19%	139	4%	28	0%	0	100%	712
Condition of sidewalks	17%	123	44%	310	30%	209	9%	60	1%	4	100%	706
Number of cross-walks/crossing-lights	16%	116	48%	339	26%	187	8%	57	1%	7	100%	706
Safety while walking	17%	118	47%	330	28%	201	7%	52	1%	7	100%	708
Overall ease of walking in your neighborhood	22%	154	47%	330	24%	171	6%	43	1%	6	100%	704
Number of bicycle paths and lanes	4%	31	20%	139	29%	206	33%	228	14%	97	100%	700
Condition of bicycle paths and lanes	3%	23	25%	178	23%	159	25%	178	23%	162	100%	699
Availability of bike racks/bike storage	2%	14	9%	65	16%	112	39%	269	34%	239	100%	699
Safety while bicycling	4%	31	18%	128	28%	196	27%	191	22%	154	100%	700
Overall ease of biking in your neighborhood	4%	31	20%	137	31%	213	24%	161	21%	145	100%	686
Ease of locating bus stops	16%	111	49%	344	24%	172	5%	33	6%	45	100%	706
Condition of bus stops	6%	39	36%	257	35%	249	10%	73	12%	87	100%	705
Safety when waiting for buses	7%	48	34%	240	31%	218	7%	50	21%	150	100%	705
Safety when riding buses	8%	54	35%	248	21%	147	3%	20	34%	238	100%	705
Overall ease of bus travel	7%	51	34%	240	24%	170	4%	30	30%	215	100%	705
Condition of local streets	7%	50	35%	247	37%	259	19%	134	1%	9	100%	699
Traffic flow on local streets	5%	36	32%	226	39%	273	23%	159	1%	10	100%	704
Amount of public parking	3%	20	16%	109	34%	240	41%	290	6%	42	100%	702
Proximity of park(s) to your residence	17%	115	37%	258	30%	210	14%	95	3%	19	100%	698

Question 1												
Overall, how easy it is for you to get around in Honolulu?	8%	53	42%	293	36%	256	14%	97	1%	6	100%	705

Question 2		
How often does any member of your household use neighborhood parks?	Percent	Number
Almost daily	9%	65
A few times a week	15%	106
A few times a month	23%	164
Once a month or less	33%	229
Never	20%	139
Total	100%	702

Question 3												
Please rate the quality of the parks in your neighborhood for the following:	Excellent		Good		Fair		Poor		Don't know		Total	
	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
Quality of parks for playing sports	7%	49	36%	257	28%	202	12%	85	17%	120	100%	713
Quality of parks for exercising	6%	41	32%	227	30%	213	14%	101	17%	121	100%	704
Quality of park playgrounds for children	8%	59	32%	231	28%	196	15%	107	17%	119	100%	712
Quality of parks for picnicking or hanging out	8%	55	28%	199	29%	203	19%	138	16%	114	100%	710

Question 4												
How safe do you feel in your neighborhood parks?	Very safe		Somewhat safe		Somewhat unsafe		Very unsafe		Not applicable		Total	
	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
In parks during the day	36%	256	43%	304	8%	61	2%	14	11%	80	100%	715
In parks at night	9%	61	27%	191	31%	221	17%	122	16%	113	100%	709
In parks, when homeless people are present	1%	10	9%	67	24%	170	37%	263	28%	199	100%	710

Question 5		
How often does any member of your household use Keehi Lagoon Beach Park?	Percent	Number
Almost daily	1%	5
A few times a week	2%	11
A few times a month	5%	31
Once a month or less	24%	160
Never	69%	459
Total	100%	667

Question 6		
If you could make one improvement to Keehi Lagoon Beach Park, what would it be?	Percent	Number
Better lighting	6%	18
Improve safety/more security	7%	21
Keep clean/better maintenance	11%	32
Address homeless problem	14%	42
Improve landscape/greenery	12%	35
Increase place to sit/picnic	3%	9
More parking/improve road	7%	22
Restrooms	9%	27
Other	11%	33
Don't know/haven't been there	18%	54
Nothing	4%	11
Total	100%	305

Question 7a						
We'd like to know if you have the following businesses in your neighborhood.	No		Yes		Total	
	Percent	Number	Percent	Number	Percent	Number
Restaurants	16%	114	84%	581	100%	695
Bars or night clubs	78%	515	22%	148	100%	663
Coffee shops	26%	179	74%	499	100%	677
Beauty salons (hair, nails, barbers)	19%	126	81%	552	100%	677
Family entertainment (theaters, etc.)	81%	553	19%	133	100%	685
Grocery stores	10%	68	90%	630	100%	698
Drug stores (pharmacies)	16%	109	84%	583	100%	693
Convenience stores, (i.e. 7-11)	25%	175	75%	516	100%	691
Laundry/dry cleaners	61%	399	39%	255	100%	654

Question 7b												
We'd like to know if you have the following businesses in your neighborhood, and if they are in your neighborhood, how you would rate them overall. Are they excellent, good, fair or poor?	Excellent		Good		Fair		Poor		Don't know		Total	
	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
Restaurants	10%	63	52%	319	29%	175	5%	28	4%	24	100%	610
Bars or night clubs	3%	10	19%	62	15%	50	8%	27	55%	181	100%	329
Coffee shops	15%	83	55%	297	19%	101	2%	13	8%	46	100%	540
Beauty salons (hair, nails, barbers)	10%	58	42%	246	24%	142	3%	17	22%	130	100%	593
Family entertainment (theaters, etc.)	9%	24	35%	96	12%	33	6%	17	39%	108	100%	279
Grocery stores	20%	124	52%	330	23%	144	4%	24	2%	11	100%	634
Drug stores (pharmacies)	20%	124	57%	348	16%	96	2%	12	5%	28	100%	607
Convenience stores, (i.e. 7-11)	14%	79	57%	314	19%	103	2%	10	9%	47	100%	553
Laundry/dry cleaners	8%	30	28%	112	14%	54	4%	14	47%	186	100%	396

Question 8a						
We'd like to know if you have the following resources in your neighborhood.	No		Yes		Total	
	Percent	Number	Percent	Number	Percent	Number
Libraries	17%	120	83%	566	100%	686
Schools	4%	29	96%	667	100%	696
Child day care	30%	174	70%	408	100%	582
Youth centers	54%	305	46%	262	100%	567
Community centers	27%	168	73%	454	100%	621
Senior centers/senior day care	80%	440	20%	112	100%	552
Medical clinics/dentists	29%	187	71%	464	100%	651
Affordable housing	55%	322	45%	265	100%	586
Senior housing	83%	457	17%	93	100%	551

Question 8b												
We'd like to know if you have the following resources in your neighborhood, and if they are in your neighborhood, how you would rate them overall. Are they excellent, good, fair or poor?	Excellent		Good		Fair		Poor		Don't know		Total	
	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
Libraries	23%	137	42%	254	11%	67	1%	9	22%	134	100%	600
Schools	17%	112	39%	262	13%	86	5%	35	26%	177	100%	671
Child day care	8%	44	28%	154	7%	40	2%	10	54%	294	100%	542
Youth centers	5%	24	22%	97	7%	32	2%	9	64%	285	100%	447
Community centers	10%	58	36%	199	14%	81	2%	13	37%	208	100%	559
Senior centers/senior day care	3%	9	12%	44	5%	18	2%	7	78%	277	100%	355
Medical clinics/dentists	11%	58	37%	193	13%	70	2%	10	37%	195	100%	527
Affordable housing	7%	30	17%	78	17%	77	10%	47	50%	230	100%	462
Senior housing	3%	12	8%	28	5%	18	4%	15	80%	296	100%	369

Question 9 Like Most		
What 3 things do you like most about living in your neighborhood?	Percent	Number
Location is close to jobs/bus stops	59%	416
Close to shopping	45%	318
Neighborhood is quiet	38%	271
House/property is good size for my household	32%	227
Safe to walk, drive or play (few accidents)	28%	198
Good schools for children	25%	176
Housing is in good condition	24%	167
Crime rate is low	19%	134
Housing is affordable	13%	96
Other	12%	88
Close to recreation areas/facilities	12%	83
Strong sense of community	6%	46
Lively community/a lot going on	2%	12

*Total may exceed 100% as respondents could select more than one option.*

Question 9 Like Least		
What 3 things do you like least about living in your neighborhood?	Percent	Number
Housing is expensive	52%	346
Don't know many neighbors	32%	215
Neighborhood is too noisy	29%	193
Other	21%	141
Far from recreation areas/facilities	20%	134
Crime rate is too high	18%	119
House/property is small, not enough space	17%	116
Far from shopping	15%	103
Unsafe to walk, drive or play (too many accidents)	14%	91
Housing is in poor condition	12%	81
No good schools for children	12%	78
Parking	11%	74
Location is not close to jobs/bus stops	10%	70
Traffic and road issues	5%	34
Neighborhood is too quiet/not a very lively place	3%	22

*Total may exceed 100% as respondents could select more than one option.*

## Question 10

If only a few of the following amenities could be built or improved in your neighborhood, which 5 would you most like to see built or improved?	Percent	Number
Improved sidewalks/crosswalks	37%	248
Walking paths/trails	39%	262
Bike paths and bike lanes	32%	213
More car parking	53%	354
Parks	27%	179
Community gardens	35%	235
Youth centers	17%	112
Community centers	19%	128
Senior centers/day care	17%	115
Medical clinics/dentists	10%	67
Affordable housing	24%	164
Senior housing	9%	58
Sports facilities (gyms, fields, etc.)	38%	253
Children's playgrounds	27%	183
Child day care	8%	54
Schools	11%	73
Libraries	11%	73
Other	12%	79

*Total may exceed 100% as respondents could select more than one option.*

## Question 11

If there was one thing you could do to improve your neighborhood what would it be?	Percent	Number
Reduce traffic	5%	24
Sidewalks/crosswalks/bike lanes	6%	28
Police presence/safety/reduce crime	13%	59
Improve roads	9%	43
Parks/gardens/recreation areas	9%	44
Clean up area/appearance	9%	43
Improve parking	19%	88
Improve transit	3%	15
Reduce Noise	4%	17
Affordable housing	3%	13
Street lighting	3%	12
Reduce homeless issues	2%	8
Grocery/retail/restaurants	5%	21
Other	10%	48
Total	100%	461

## Question 12

What landmarks or characteristics of your neighborhood are most important to preserve?	Percent	Number
Parks/green spaces/landscaping	23%	84
Quality of neighborhood (sense of community, quiet, etc.)	6%	22
Pearl Harbor and historical landmarks	7%	27
Views	3%	9
Restaurants and shopping	2%	7
Access/convenience/transportation	4%	15
Schools	5%	18
Cleanliness	3%	10
Housing	2%	9
Trees	16%	58
Nothing	6%	20
Don't know/no comment	6%	22
Other	9%	32
Safety	4%	15
Parking and road maintenance	3%	12

Question 12		
Total	100%	361

Question 13		
What type of neighborhood do you most desire to live in?	Percent	Number
1-2 story single-family homes, using my car as the primary way to shop and get to work/school	82%	557
3-4 story apartment buildings and townhomes, using transit and my car to get around	14%	97
15-30 story high-rise apartment/condominium buildings, walking and using transit to get around	4%	25
Total	100%	679

Question 14		
Do you plan to move from your current home in the next two years?	Percent	Number
Yes	29%	196
No	58%	398
Don't know	13%	92
Total	100%	686

Question 14a		
Where will you move?	Percent	Number
A new place in this neighborhood	10%	19
Another place in Honolulu	25%	46
Outside Honolulu, but on Oahu	15%	28
Outside Oahu	49%	89
Total	100%	181

Question 14b		
Where will you move? Why?	Percent	Number
Cost to move is expensive/cost to stay is affordable	19%	105
Military	16%	89
Location is convenient	12%	64
Satisfied overall	6%	35
Like home/neighborhood	8%	46
Have always lived here/lived here for long time	7%	40
Job/work opportunities	6%	30
Home is paid off or close to being paid off	6%	35

Question 14b		
Other	13%	75
No particular reason	6%	35
Total	100%	554

Question 15		
Before receiving this survey, were you aware that the City and County of Honolulu is planning to build a rail transit line?	Percent	Number
Yes	93%	643
No	7%	51
Total	100%	694

Question 16										
At least one rail station will be within 1-2 miles of your home. Once it is built, how likely or unlikely will you or someone in your household be to use rail transit for the following trips?	Very likely		Somewhat likely		Somewhat unlikely		Very unlikely		Total	
	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
Use rail transit to get to work or school	19%	132	20%	137	13%	85	48%	325	100%	679
Use rail transit to go shopping	23%	159	28%	194	16%	110	33%	226	100%	690
Use rail transit to go to restaurants, bars or nightclubs	27%	183	24%	161	14%	97	35%	241	100%	683
Use rail transit to visit beaches or recreation areas	22%	150	23%	154	22%	149	34%	231	100%	684
Use rail transit to meet up with friends/family	21%	145	24%	166	18%	124	37%	252	100%	687

Question 17		
If you were to ride rail transit, which station would you most likely use?	Percent	Number
Pearl Harbor Station	50%	326
Airport Station	30%	194
Lagoon Drive Station	20%	129
Total	100%	649

Question 17a										
How likely or unlikely are you to travel to/from this rail station using the following modes of transportation (parking will not be provided at these stations):	Very likely		Somewhat likely		Somewhat unlikely		Very unlikely		Total	
	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
By foot, if proper sidewalks and crossings exist?	28%	194	25%	167	11%	75	36%	243	100%	679
By bicycle, if proper lanes/paths and storage areas exist?	15%	101	21%	141	16%	105	48%	321	100%	669
By motorcycle or moped, if proper parking exists?	5%	36	10%	66	14%	94	70%	464	100%	660
By bus, if frequent and accessible coverage exists?	16%	107	23%	157	15%	97	46%	308	100%	669
By automobile, if a drop-off area is available?	33%	225	33%	226	10%	67	25%	173	100%	691
By other means (e.g. skateboard, segway, etc.)	5%	32	9%	60	11%	75	74%	486	100%	652

Question 18												
When the rail system is built there may be opportunities to build new amenities around the rail stations. How strongly would you support or oppose building each of the following near your closest planned rail station(s)?	Strongly support		Somewhat support		Somewhat oppose		Strongly oppose		Don't know		Total	
	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
Bicycle parking	58%	397	26%	182	3%	20	4%	25	9%	63	100%	687
Plazas or small parks	40%	271	35%	235	9%	62	7%	48	9%	59	100%	675
Bus shelters	50%	346	32%	217	7%	47	5%	32	7%	46	100%	687
Places to sit	68%	473	23%	158	2%	12	4%	29	4%	26	100%	698
Improved landscaping	61%	415	29%	198	3%	19	3%	19	5%	31	100%	683
Restrooms	72%	504	18%	127	2%	16	4%	30	4%	26	100%	703
Coffee shops and restaurants	52%	361	30%	209	7%	50	5%	35	5%	36	100%	691
Convenience stores (i.e. 7-11)	42%	290	35%	243	10%	67	7%	46	6%	42	100%	688
Services, like hair salons or drycleaners	21%	142	33%	218	22%	149	14%	94	10%	67	100%	669
Shopping centers	30%	206	33%	224	17%	115	13%	88	7%	48	100%	681
Grocery stores	30%	207	35%	237	16%	109	12%	81	7%	47	100%	679
Drug stores (pharmacies)	30%	207	35%	240	15%	101	12%	79	8%	58	100%	684
Affordable/subsidized housing	21%	141	23%	153	21%	142	23%	152	12%	80	100%	668
Regular/market rate housing	22%	150	32%	217	17%	117	16%	110	12%	81	100%	675
Other	29%	53	13%	24	4%	7	11%	20	43%	80	100%	183

Question 19												
How strongly would you support or oppose the following types of new development near your closest planned rail station(s)?	Strongly support		Somewhat support		Somewhat oppose		Strongly oppose		Don't know		Total	
	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
Residential towers	11%	76	22%	149	20%	140	37%	255	10%	66	100%	686
Residential – mid-rise	12%	84	28%	188	20%	135	31%	210	9%	61	100%	677
Parks	42%	293	36%	249	6%	39	8%	52	8%	57	100%	690
Retail stores/services	28%	191	40%	272	11%	78	13%	91	7%	50	100%	682
Hotels	11%	74	19%	129	25%	171	36%	250	9%	61	100%	686
Office towers	9%	62	22%	149	22%	153	38%	260	10%	66	100%	690
Office – low-rise	11%	72	31%	214	19%	133	30%	203	9%	63	100%	686
Parking structures	40%	280	35%	244	8%	56	11%	76	6%	40	100%	696

Question 20												
How strongly would you support or oppose the following improvements for major streets near your closest planned rail station(s)?	Strongly support		Somewhat support		Somewhat oppose		Strongly oppose		Don't know		Total	
	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
Expanding bus service	50%	343	30%	208	6%	41	4%	30	10%	69	100%	691
Establishing bike lanes	53%	367	28%	196	5%	36	4%	25	10%	67	100%	692
Improving sidewalks	64%	444	27%	184	2%	15	2%	15	5%	36	100%	694
Adding street lighting	67%	467	24%	166	2%	15	2%	15	5%	36	100%	700
Planting trees	62%	423	26%	178	4%	24	3%	19	6%	42	100%	686
Adding crosswalks	60%	416	29%	201	2%	17	2%	17	6%	39	100%	691
Adding on street parking	50%	343	23%	156	11%	73	10%	66	7%	50	100%	689
Adding places to sit.	61%	425	27%	185	3%	20	4%	30	5%	33	100%	693
Adding trash bins	66%	459	26%	179	2%	17	2%	16	4%	26	100%	697

Question 20a		
Which major street in this area most warrants these types of improvements?	Percent	Number
Nimitz Highway	20%	72
Kam Highway	15%	55
Salt Lake Blvd.	27%	94
Radford Drive	5%	18
Lagoon Drive	5%	17
Puuloa Road	4%	13
Other	21%	75
Don't know	3%	11
Total	100%	355

Question 21												
How long have you lived:	Less than 1 year		1-4 years		5-9 years		10-19 years		20 or more years		Total	
	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
In this house/apartment	13%	90	34%	238	10%	73	15%	103	29%	203	100%	706
In this neighborhood	11%	73	31%	206	11%	74	16%	109	31%	211	100%	672
On Oahu	8%	51	20%	133	6%	42	12%	79	55%	369	100%	674

Question 22		
Where is your work or school located?	Percent	Number
Kalihi/Sand Island	7%	49
Liliha/Nuuanu	3%	18
Waikiki	6%	42
Ewa/Kapolei	3%	22
Downtown	17%	112
Makiki	3%	19
Waipahu	2%	11
Windward	4%	30
Kakaako	2%	16
Manoa	5%	35
Central Oahu	3%	22
East Oahu	1%	10
Ala Moana	7%	48
Kaimuki	2%	13
Aiea/Pearl City	8%	52
Other	11%	74
Kahala/ Diamond Head	4%	25
Airport/Pearl Harbor	36%	243
Moanalua/Salt Lake	17%	112
Retired/don't work	8%	57

*Total may exceed 100% as respondents could select more than one option.*

Question 23																		
Thinking about last week, please tell us how you got to work or school each day (if you used more than one transportation mode, choose the one you used for the most miles).	Did not go to work/school		Worked from home		Drove vehicle alone		Carpooled		Motorbike or scooter		Took bus		Walked		Biked		Total	
	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Monday	15%	99	4%	30	67%	448	6%	41	2%	14	4%	28	1%	4	1%	8	100%	671
Tuesday	14%	97	5%	30	66%	441	6%	42	2%	15	5%	33	1%	5	1%	9	100%	671
Wednesday	15%	99	4%	25	66%	446	7%	48	2%	15	4%	26	1%	4	1%	9	100%	671
Thursday	16%	108	4%	27	66%	442	6%	40	2%	14	4%	30	1%	5	1%	6	100%	671
Friday	16%	104	4%	27	65%	438	6%	41	2%	16	5%	33	1%	5	1%	8	100%	671
Saturday	54%	360	4%	24	34%	229	5%	32	1%	6	3%	17	0%	1	0%	2	100%	671
Sunday	60%	405	3%	21	29%	197	4%	30	1%	4	2%	13	0%	1	0%	1	100%	671

Question Q23 - Commuted by this Mode At Least One Day Last Week	
Thinking about last week, please tell us how you got to work each day (if you use more than one transportation mode, choose the one you used for the most miles).	Percent
Telecommute	7%
Drive vehicle alone	77%
Car/van pool	11%
Motorcycle or scooter	3%
Bus	6%
Walk	1%
Bike	2%
Alternate transport	25%

Question 23 - Commuted by this Mode Every Workday Last Week	
Thinking about last week, please tell us how you got to work each day (if you use more than one transportation mode, choose the one you used for the most miles).	Percent
Telecommute	3%
Drive vehicle alone	65%
Car/van pool	5%
Motorbike or scooter	1%
Bus	4%
Walk	1%
Bike	0%
Alternate transport	14%

Question 24		
Which best describes the building where you live?	Percent	Number
On-base military housing	6%	41
House (single family/detached)	42%	300
Duplex/townhouse	10%	68
Low-income or senior housing	0%	1
Apartment/condo - walk-up	5%	34
Apartment/condo - with elevators	22%	157
Other	1%	4
Off-base military housing	26%	186
Total	100%	707

*Total may exceed 100% as respondents could select more than one option.*

Question 25		
Do you rent or own your home	Percent	Number
Rent	40%	280
Own	60%	419
Total	100%	699

Question 26			
Please tell us the number of adults (including yourself) and children who live in your home.	Adults	Children	All people
	Percent	Percent	Percent
None	0%	54%	0%
1	13%	18%	11%
2	56%	18%	29%
3-4	19%	8%	37%
5 or more	12%	1%	24%
Total	100%	100%	100%

Question 27			
How many motor vehicles (cars, trucks, motorcycles, etc.) are owned or leased by the people in your household, and how many bicycles are owned and used on a regular basis?	Vehicles	Adult bikes	Children's bikes
	Percent	Percent	Percent
None	1%	61%	76%
1	28%	18%	11%
2	44%	17%	9%
3 or more	26%	5%	4%
Total	100%	100%	100%

Question 28		
Does any member of your household have a physical handicap, or is anyone disabled?	Percent	Number
Yes	14%	96
No	86%	608
Total	100%	704

Question 29		
How old are you?	Percent	Number
18 to 34	40%	271
35 to 54	34%	235
55+	26%	176
Total	100%	682

Question 29	
Average	43.9 years

Question 30		
What is your gender?	Percent	Number
Male	49%	340
Female	51%	359
Total	100%	699

Question 31		
How much education have you completed?	Percent	Number
0 to 11 years of school	2%	16
High school	16%	110
Some college	21%	148
Associate's or technical school degree	18%	124
Bachelor's degree	33%	231
Graduate/professional degree	11%	76
Total	100%	705

Question 32		
How much was your household's total income before taxes in 2013? Include income from all sources for all persons living in your household.	Percent	Number
Less than \$19,999	5%	33
\$20,000 to \$29,999	7%	46
\$30,000 to \$39,999	11%	73
\$40,000 to \$49,999	11%	75
\$50,000 to \$74,999	24%	158
\$75,000 to \$99,999	20%	134
\$100,000 to \$149,999	15%	102
\$150,000 or more	7%	44
Total	100%	664

Question 33		
Which category best describes your race?	Percent	Number
Native Hawaiian	10%	69
Samoan	1%	10
Micronesian	0%	1
Other Pacific Islander	2%	13
Black/African American	4%	26
American Indian/Inuit	1%	9
Hispanic/Latino	4%	30
White/Caucasian	39%	269
Japanese	19%	130
Chinese	12%	83
Filipino	25%	177
Korean	3%	22
Vietnamese	2%	12
Other Asian	2%	15
Other	3%	24

*Total may exceed 100% as respondents could select more than one option.*

## Appendix B: Survey Results by Tenure

When comparing results between subgroups, the margin of error (or confidence interval) varies by which groups are compared and how many respondents are in each subgroup. Of all the survey respondents, 419 owned their homes and 280 rented. The margin of error for comparison between these two groups is  $\pm 8\%$ .

Differences in responses between any two groups must be greater than the margin of error in order to be considered a statistically significant difference at the .95 confidence level. For example, since the margin of error between the two groups is  $\pm 8\%$ , if 54% of owners and 62% of renters said they felt safe in the city, this would not be statistically different. However if 54% of owners and 63% of renters said they felt safe in the city, this would be considered statistically different. Statistically significant differences are indicated with shading.

### Question 1 - Percent excellent or good

Please rate each of the following characteristics of your neighborhood.	Rent	Own	Overall
Cleanliness of public spaces (including streets/sidewalks)	71%	58%	63%
Availability of trash/recycling receptacles	62%	60%	60%
Presence of trees and other shade providing canopies	65%	44%	52%
Presence of sidewalks	84%	72%	77%
Condition of sidewalks	72%	55%	62%
Number of cross-walks/crossing-lights	71%	62%	65%
Safety while walking	75%	57%	64%
Overall ease of walking in your neighborhood	83%	61%	69%
Number of bicycle paths and lanes	28%	27%	28%
Condition of bicycle paths and lanes	35%	38%	37%
Availability of bike racks/bike storage	16%	18%	17%
Safety while bicycling	33%	26%	29%
Overall ease of biking in your neighborhood	39%	25%	31%
Ease of locating bus stops	73%	67%	69%
Condition of bus stops	45%	49%	48%
Safety when waiting for buses	51%	52%	52%
Safety when riding buses	63%	65%	64%
Overall ease of bus travel	62%	59%	59%
Condition of local streets	33%	50%	43%
Traffic flow on local streets	33%	41%	38%
Amount of public parking	18%	20%	20%
Proximity of park(s) to your residence	68%	48%	55%
Overall, how easy it is for you to get around in Honolulu?	40%	57%	50%

### Question 2

How often does any member of your household use neighborhood parks?	Rent	Own	Overall
Once a month or less	34%	64%	52%
A few times a month or more	66%	36%	48%

### Question 3 - Percent excellent or good

Please rate the quality of the parks in your neighborhood for the following:	Rent	Own	Overall
Quality of parks for playing sports	58%	48%	52%
Quality of parks for exercising	54%	41%	46%
Quality of park playgrounds for children	66%	38%	49%
Quality of parks for picnicking or hanging out	56%	34%	43%

### Question 4 - Percent very or somewhat safe

How safe do you feel in your neighborhood parks?	Rent	Own	Overall
In parks during the day	95%	84%	88%
In parks at night	57%	33%	42%
In parks, when homeless people are present	18%	14%	15%

## Question 5

How often does any member of your household use Keehi Lagoon Beach Park?	Rent	Own	Overall
Once a month or less	93%	93%	93%
A few times a month or more	7%	7%	7%

## Question 6

If you could make one improvement to Keehi Lagoon Beach Park, what would it be?	Rent	Own	Overall
Better lighting	2%	8%	6%
Improve safety/more security	3%	8%	7%
Keep clean/better maintenance	12%	10%	11%
Address homeless problem	20%	11%	14%
Improve landscape/greenery	8%	14%	12%
Increase place to sit/picnic	4%	3%	3%
More parking/improve road	5%	7%	7%
Restrooms	5%	10%	9%
Other	10%	11%	11%
Don't know/haven't been there	28%	14%	18%
Nothing	3%	4%	4%

## Question 7a - Percent yes

We'd like to know if you have the following businesses in your neighborhood.	Rent	Own	Overall
Restaurants	78%	88%	84%
Bars or night clubs	14%	29%	22%
Coffee shops	69%	78%	74%
Beauty salons (hair, nails, barbers)	75%	86%	81%
Family entertainment (theaters, etc.)	17%	22%	19%
Grocery stores	83%	95%	90%
Drug stores (pharmacies)	71%	93%	84%
Convenience stores, (i.e. 7-11)	72%	77%	75%
Laundry/dry cleaners	44%	36%	39%

## Question 7b - Percent excellent or good

We'd like to know if you have the following businesses in your neighborhood, and if they are in your neighborhood, how you would rate them Overall. Are they excellent, good, fair or poor?	Rent	Own	Overall
Restaurants	61%	69%	65%
Bars or night clubs	47%	50%	49%
Coffee shops	79%	76%	77%
Beauty salons (hair, nails, barbers)	63%	66%	66%
Family entertainment (theaters, etc.)	60%	76%	71%
Grocery stores	71%	75%	73%
Drug stores (pharmacies)	74%	86%	81%
Convenience stores, (i.e. 7-11)	75%	79%	78%
Laundry/dry cleaners	73%	65%	68%

## Question 8a - Percent yes

We'd like to know if you have the following resources in your neighborhood.	Rent	Own	Overall
Libraries	73%	89%	83%
Schools	94%	97%	96%
Child day care	76%	67%	70%
Youth centers	61%	36%	46%
Community centers	82%	67%	73%
Senior centers/senior day care	14%	25%	20%
Medical clinics/dentists	66%	76%	71%
Affordable housing	53%	41%	45%
Senior housing	12%	21%	17%

## Question 8b - Percent excellent or good

We'd like to know if you have the following resources in your neighborhood, and if they are in your neighborhood, how you would rate them Overall. Are they excellent, good, fair or poor?	Rent	Own	Overall
Libraries	81%	85%	84%
Schools	64%	81%	76%
Child day care	79%	80%	80%
Youth centers	85%	68%	75%
Community centers	82%	67%	73%
Senior centers/senior day care	74%	67%	68%
Medical clinics/dentists	73%	77%	76%
Affordable housing	53%	42%	47%
Senior housing	55%	56%	55%

## Question 9 - Like Most

What 3 things do you like most about living in your neighborhood?	Rent	Own	Overall
Location is close to jobs/bus stops	56%	60%	59%
Close to shopping	37%	50%	45%
Neighborhood is quiet	40%	37%	38%
House/property is good size for my household	30%	33%	32%
Safe to walk, drive or play (few accidents)	32%	26%	28%
Good schools for children	12%	33%	25%
Housing is in good condition	37%	15%	24%
Crime rate is low	22%	17%	19%
Housing is affordable	14%	13%	13%
Other	13%	12%	12%
Close to recreation areas/facilities	11%	12%	12%
Strong sense of community	7%	6%	6%
Lively community/a lot going on	1%	2%	2%

## Question 9 - Like Least

What 3 things do you like least about living in your neighborhood?	Rent	Own	Overall
Housing is expensive	58%	48%	52%
Don't know many neighbors	40%	27%	32%
Neighborhood is too noisy	17%	37%	29%
Other	23%	20%	21%
Far from recreation areas/facilities	18%	22%	20%
Crime rate is too high	18%	18%	18%
House/property is small, not enough space	21%	15%	17%
Far from shopping	16%	16%	15%
Unsafe to walk, drive or play (too many accidents)	7%	19%	14%
Housing is in poor condition	12%	12%	12%
No good schools for children	16%	9%	12%
Parking	3%	16%	11%
Location is not close to jobs/bus stops	8%	12%	10%
Traffic and road issues	7%	4%	5%
Neighborhood is too quiet/not a very lively place	5%	2%	3%

## Question 10

If only a few of the following amenities could be built or improved in your neighborhood, which five would you most like to see built or improved? (Check the 5 that are most important to you)	Rent	Own	Overall
More car parking	45%	58%	53%
Walking paths/trails	45%	34%	39%
Sports facilities (gyms, fields, etc.)	41%	36%	38%
Improved sidewalks/crosswalks	32%	40%	37%
Community gardens	35%	35%	35%
Bike paths and bike lanes	43%	25%	32%
Children's playgrounds	26%	28%	27%
Parks	31%	24%	27%
Affordable housing	31%	19%	24%
Community centers	12%	24%	19%
Senior centers/day care	4%	27%	17%
Youth centers	10%	23%	17%
Other	14%	10%	12%
Schools	14%	9%	11%
Libraries	15%	8%	11%
Medical clinics/dentists	7%	13%	10%
Senior housing	3%	13%	9%
Child day care	7%	9%	8%

## Question 11

If there was one thing you could do to improve your neighborhood what would it be?	Rent	Own	Overall
Reduce traffic	6%	4%	5%
Sidewalks/crosswalks/bike lanes	6%	7%	6%
Police presence/safety/reduce crime	11%	13%	13%
Improve roads	8%	10%	9%
Parks/gardens/recreation areas	12%	8%	9%
Clean up area/appearance	10%	9%	9%
Improve parking	12%	24%	19%
Improve transit	5%	2%	3%
Reduce Noise	2%	4%	4%
Affordable housing	3%	3%	3%
Street lighting	4%	1%	3%
Reduce homeless issues	4%	0%	2%
Grocery/retail/restaurants	3%	6%	5%
Other	14%	8%	10%

## Question 12

What landmarks or characteristics of your neighborhood are most important to preserve?	Rent	Own	Overall
Parks/green spaces/landscaping	25%	21%	23%
Quality of neighborhood (sense of community, quiet, etc.)	5%	7%	6%
Pearl Harbor and historical landmarks	9%	7%	7%
Views	2%	3%	3%
Restaurants and shopping	2%	2%	2%
Access/convenience/transportation	3%	6%	4%
Schools	3%	7%	5%
Cleanliness	3%	3%	3%
Housing	1%	4%	2%
Trees	26%	8%	16%
Nothing	4%	7%	6%
Don't know/no comment	5%	8%	6%
Other	3%	14%	9%
Safety	4%	4%	4%
Parking and road maintenance	3%	3%	3%

## Question 13

What type of neighborhood do you most desire to live in?	Rent	Own	Overall
1-2 story single-family homes, using my car as the primary way to shop and get to work/school	86%	80%	82%
3-4 story apartment buildings and townhomes, using transit and my car to get around	11%	16%	14%
15-30 story high-rise apartment/condominium buildings, walking and using transit to get around	3%	4%	4%

## Question 14

Do you plan to move from your current home in the next two years?	Rent	Own	Overall
Yes	51%	13%	29%
No	30%	77%	58%
Don't know	19%	10%	13%

## Question 14a

Where will you move?	Rent	Own	Overall
A new place in this neighborhood	9%	10%	10%
Another place in Honolulu	16%	45%	25%
Outside Honolulu, but on Oahu	14%	18%	15%
Outside Oahu	61%	27%	49%

## Question 15

Before receiving this survey, were you aware that the City and County of Honolulu is planning to build a rail transit line?	Rent	Own	Overall
Yes	87%	96%	93%
No	13%	4%	7%

## Question 16 - Percent very or somewhat likely

At least one rail station will be within 1-2 miles of your home. Once it is built, how likely or unlikely will you or someone in your household be to use rail transit for the following trips?	Rent	Own	Overall
Use rail transit to get to work or school	36%	41%	40%
Use rail transit to go shopping	57%	47%	51%
Use rail transit to go to restaurants, bars or nightclubs	66%	40%	50%
Use rail transit to visit beaches or recreation areas	53%	38%	45%
Use rail transit to meet up with friends/family	53%	40%	45%

## Question 17

If you were to ride rail transit, which station would you most likely use?	Rent	Own	Overall
Pearl Harbor Station	46%	54%	50%
Airport Station	37%	24%	30%
Lagoon Drive Station	17%	22%	20%

## Question 17a - Percent very or somewhat likely

How likely or unlikely are you to travel to/from this rail station using the following modes of transportation (parking will not be provided at these stations):	Rent	Own	Overall
By foot, if proper sidewalks and crossings exist?	72%	39%	53%
By bicycle, if proper lanes/paths and storage areas exist?	44%	31%	36%
By motorcycle or moped, if proper parking exists?	13%	17%	15%
By bus, if frequent and accessible coverage exists?	24%	49%	39%

**Question 17a - Percent very or somewhat likely**

By automobile, if a drop-off area is available?	64%	66%	65%
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**Question 18 - Percent strongly or somewhat support**

When the rail system is built there may be opportunities to build new amenities around the rail stations. How strongly would you support or oppose building each of the following near your closest planned rail station(s)?	Rent	Own	Overall
Bicycle parking	96%	91%	93%
Plazas or small parks	85%	80%	82%
Bus shelters	87%	88%	88%
Places to sit	95%	93%	94%
Improved landscaping	95%	94%	94%
Restrooms	91%	95%	93%
Coffee shops and restaurants	88%	86%	87%
Convenience stores (i.e. 7-11)	75%	88%	83%
Services, like hair salons or drycleaners	58%	61%	60%
Shopping centers	65%	70%	68%
Grocery stores	65%	73%	70%
Drug stores (pharmacies)	65%	76%	71%
Affordable/subsidized housing	50%	49%	50%
Regular/market rate housing	60%	63%	62%
Other	84%	67%	74%

**Question 19 - Percent strongly or somewhat support**

How strongly would you support or oppose the following types of new development near your closest planned rail station(s)?	Rent	Own	Overall
Residential towers	30%	41%	36%
Residential - mid-rise	38%	49%	44%
Parks	87%	85%	86%
Retail stores/services	73%	75%	73%
Hotels	31%	34%	33%
Office towers	27%	39%	34%
Office - low-rise	39%	51%	46%
Parking structures	76%	83%	80%

**Question 20 - Percent strongly or somewhat support**

How strongly would you support or oppose the following improvements for major streets near your closest planned rail station(s)?	Rent	Own	Overall
Expanding bus service	84%	92%	89%
Establishing bike lanes	93%	90%	90%
Improving sidewalks	97%	95%	96%
Adding street lighting	96%	95%	95%
Planting trees	95%	92%	93%
Adding crosswalks	95%	95%	95%
Adding on street parking	73%	82%	78%
Adding places to sit.	93%	92%	92%
Adding trash bins	96%	94%	95%

## Question 20a

Which major street in this area most warrants these types of improvements?	Rent	Own	Overall
Nimitz Highway	33%	10%	20%
Kam Highway	19%	13%	15%
Salt Lake Blvd.	13%	37%	27%
Radford Drive	6%	4%	5%
Lagoon Drive	5%	5%	5%
Puuloa Road	0%	6%	4%
Other	19%	24%	21%
Don't know	5%	2%	3%

## Question 22

Where is your work or school located? (Please check all that apply)	Rent	Own	Overall
Kalihi/Sand Island	6%	8%	7%
Liliha/Nuuanu	1%	3%	3%
Waikiki	2%	9%	6%
Ewa/Kapolei	2%	4%	3%
Downtown	9%	22%	17%
Makiki	1%	4%	3%
Waipahu	1%	2%	2%
Windward	4%	4%	4%
Kakaako	0%	4%	2%
Manoa	3%	7%	5%
Central Oahu	3%	3%	3%
East Oahu	1%	2%	1%
Ala Moana	5%	9%	7%
Kaimuki	1%	2%	2%
Aiea/Pearl City	9%	7%	8%
Other	15%	9%	11%
Kahala/ Diamond Head	2%	5%	4%
Airport/Pearl Harbor	59%	21%	36%
Moanalua/Salt Lake	14%	18%	17%
Retired/don't work	1%	13%	8%

## Question 23 - Commuted by this Mode At Least One Day Last Week

Thinking about last week, please tell us how you got to work each day (if you use more than one transportation mode, choose the one you used for the most miles).	Rent	Own	Overall
Telecommute	7%	7%	7%
Drive vehicle alone	82%	75%	77%
Car/van pool	9%	12%	11%
Motorcycle or scooter	6%	1%	3%
Bus	3%	9%	6%
Walk	2%	0%	1%
Bike	6%	0%	2%
Alternate transport	24%	26%	25%

Question 23 - Commuted by this Mode Every Workday Last Week			
Thinking about last week, please tell us how you got to work each day (if you use more than one transportation mode, choose the one you used for the most miles).	Rent	Own	Overall
Telecommute	4%	3%	3%
Drive vehicle alone	69%	64%	65%
Car/van pool	4%	6%	5%
Motorbike or scooter	3%	0%	1%
Bus	2%	5%	4%
Walk	1%	0%	1%
Bike	1%	0%	0%
Alternate transport	14%	15%	14%

## Appendix C: Survey Results by Gender

When comparing results between subgroups, the margin of error (or confidence interval) varies by which groups are compared and how many respondents are in each subgroup. Of all the survey respondents, 340 were men and 359 were women. The margin of error for comparison between these two groups is  $\pm 7\%$ .

Differences in responses between any two groups must be greater than the margin of error in order to be considered a statistically significant difference at the .95 confidence level. For example, since the margin of error between the two groups is  $\pm 7\%$ , if 54% of women and 60% of men said they felt safe in the city, this would not be statistically different. However if 54% of women and 62% of men said they felt safe in the city, this would be considered statistically different. Statistically significant differences are indicated with shading.

## Question 1 - Percent excellent or good

Please rate each of the following characteristics of your neighborhood.	Male	Female	Overall
Cleanliness of public spaces (including streets/sidewalks)	63%	63%	63%
Availability of trash/recycling receptacles	63%	58%	60%
Presence of trees and other shade providing canopies	50%	55%	52%
Presence of sidewalks	79%	74%	77%
Condition of sidewalks	64%	60%	62%
Number of cross-walks/crossing-lights	69%	62%	65%
Safety while walking	65%	63%	64%
Overall ease of walking in your neighborhood	69%	71%	69%
Number of bicycle paths and lanes	27%	30%	28%
Condition of bicycle paths and lanes	37%	39%	37%
Availability of bike racks/bike storage	16%	19%	17%
Safety while bicycling	30%	29%	29%
Overall ease of biking in your neighborhood	32%	30%	31%
Ease of locating bus stops	73%	65%	69%
Condition of bus stops	50%	46%	48%
Safety when waiting for buses	55%	49%	52%
Safety when riding buses	68%	61%	64%
Overall ease of bus travel	61%	59%	59%
Condition of local streets	47%	40%	43%
Traffic flow on local streets	39%	37%	38%
Amount of public parking	22%	18%	20%
Proximity of park(s) to your residence	58%	53%	55%
Overall, how easy it is for you to get around in Honolulu?	50%	49%	50%

## Question 2

How often does any member of your household use neighborhood parks?	Male	Female	Overall
Once a month or less	56%	49%	52%
A few times a month or more	44%	51%	48%

## Question 3 - Percent excellent or good

Please rate the quality of the parks in your neighborhood for the following:	Male	Female	Overall
Quality of parks for playing sports	56%	47%	52%
Quality of parks for exercising	53%	40%	46%
Quality of park playgrounds for children	53%	46%	49%
Quality of parks for picnicking or hanging out	47%	40%	43%

## Question 4 - Percent very or somewhat safe

How safe do you feel in your neighborhood parks?	Male	Female	Overall
In parks during the day	89%	88%	88%
In parks at night	46%	39%	42%
In parks, when homeless people are present	18%	13%	15%

## Question 5

How often does any member of your household use Keehi Lagoon Beach Park?	Male	Female	Overall
Once a month or less	94%	93%	93%
A few times a month or more	6%	7%	7%

## Question 6

If you could make one improvement to Keehi Lagoon Beach Park, what would it be?	Male	Female	Overall
Better lighting	10%	2%	6%
Improve safety/more security	5%	8%	7%
Keep clean/better maintenance	8%	14%	11%
Address homeless problem	12%	17%	14%
Improve landscape/greenery	10%	12%	12%
Increase place to sit/picnic	2%	4%	3%
More parking/improve road	7%	8%	7%
Restrooms	13%	5%	9%
Other	13%	8%	11%
Don't know/haven't been there	16%	21%	18%
Nothing	6%	2%	4%

## Question 7a - Percent yes

We'd like to know if you have the following businesses in your neighborhood.	Male	Female	Overall
Restaurants	83%	84%	84%
Bars or night clubs	24%	21%	22%
Coffee shops	79%	69%	74%
Beauty salons (hair, nails, barbers)	80%	82%	81%
Family entertainment (theaters, etc.)	23%	16%	19%
Grocery stores	89%	91%	90%
Drug stores (pharmacies)	85%	83%	84%
Convenience stores, (i.e. 7-11)	79%	71%	75%
Laundry/dry cleaners	42%	37%	39%

## Question 7b - Percent excellent or good

We'd like to know if you have the following businesses in your neighborhood, and if they are in your neighborhood, how you would rate them Overall. Are they excellent, good, fair or poor?	Male	Female	Overall
Restaurants	70%	61%	65%
Bars or night clubs	54%	44%	49%
Coffee shops	78%	77%	77%
Beauty salons (hair, nails, barbers)	71%	61%	66%
Family entertainment (theaters, etc.)	76%	66%	71%
Grocery stores	75%	72%	73%
Drug stores (pharmacies)	85%	79%	81%
Convenience stores, (i.e. 7-11)	79%	77%	78%
Laundry/dry cleaners	68%	68%	68%

## Question 8a - Percent yes

We'd like to know if you have the following resources in your neighborhood.	Male	Female	Overall
Libraries	83%	82%	83%
Schools	96%	95%	96%
Child day care	65%	76%	70%
Youth centers	45%	48%	46%
Community centers	75%	71%	73%
Senior centers/senior day care	22%	18%	20%
Medical clinics/dentists	67%	75%	71%
Affordable housing	48%	43%	45%
Senior housing	18%	16%	17%

## Question 8b - Percent excellent or good

We'd like to know if you have the following resources in your neighborhood, and if they are in your neighborhood, how you would rate them Overall. Are they excellent, good, fair or poor?	Male	Female	Overall
Libraries	87%	82%	84%
Schools	81%	71%	76%
Child day care	82%	79%	80%
Youth centers	77%	75%	75%
Community centers	76%	71%	73%
Senior centers/senior day care	80%	53%	68%
Medical clinics/dentists	80%	73%	76%
Affordable housing	53%	40%	47%
Senior housing	66%	43%	55%

## Question 9 - Like Most

What 3 things do you like most about living in your neighborhood?	Male	Female	Overall
Location is close to jobs/bus stops	59%	58%	59%
Close to shopping	43%	46%	45%
Neighborhood is quiet	39%	38%	38%
House/property is good size for my household	33%	32%	32%
Safe to walk, drive or play (few accidents)	26%	30%	28%
Good schools for children	25%	25%	25%
Housing is in good condition	23%	24%	24%
Crime rate is low	20%	18%	19%
Housing is affordable	15%	12%	13%
Other	12%	12%	12%
Close to recreation areas/facilities	13%	10%	12%
Strong sense of community	8%	5%	6%
Lively community/a lot going on	2%	1%	2%

## Question 9 - Like Least

What 3 things do you like least about living in your neighborhood?	Male	Female	Overall
Housing is expensive	49%	54%	52%
Don't know many neighbors	29%	36%	32%
Neighborhood is too noisy	33%	25%	29%
Other	18%	24%	21%
Far from recreation areas/facilities	21%	19%	20%
Crime rate is too high	20%	17%	18%
House/property is small, not enough space	17%	17%	17%
Far from shopping	19%	12%	15%
Unsafe to walk, drive or play (too many accidents)	14%	14%	14%
Housing is in poor condition	13%	11%	12%
No good schools for children	12%	12%	12%
Parking	13%	10%	11%
Location is not close to jobs/bus stops	10%	11%	10%
Traffic and road issues	5%	5%	5%
Neighborhood is too quiet/not a very lively place	4%	3%	3%

## Question 10

If only a few of the following amenities could be built or improved in your neighborhood, which five would you most like to see built or improved? (Check the 5 that are most important to you)	Male	Female	Overall
More car parking	48%	57%	53%
Walking paths/trails	36%	42%	39%
Sports facilities (gyms, fields, etc.)	46%	31%	38%
Improved sidewalks/crosswalks	39%	35%	37%
Community gardens	35%	36%	35%
Bike paths and bike lanes	35%	29%	32%
Children's playgrounds	25%	29%	27%
Parks	27%	27%	27%
Affordable housing	21%	28%	24%
Community centers	18%	20%	19%
Senior centers/day care	15%	19%	17%
Youth centers	18%	16%	17%
Other	13%	11%	12%
Schools	10%	13%	11%
Libraries	7%	15%	11%
Medical clinics/dentists	13%	7%	10%
Senior housing	10%	8%	9%
Child day care	8%	8%	8%

## Question 11

If there was one thing you could do to improve your neighborhood what would it be?	Male	Female	Overall
Reduce traffic	6%	5%	5%
Sidewalks/crosswalks/bike lanes	6%	6%	6%
Police presence/safety/reduce crime	12%	14%	13%
Improve roads	12%	7%	9%
Parks/gardens/recreation areas	10%	9%	9%
Clean up area/appearance	9%	10%	9%
Improve parking	21%	17%	19%
Improve transit	3%	4%	3%
Reduce Noise	3%	4%	4%
Affordable housing	2%	4%	3%
Street lighting	2%	3%	3%
Reduce homeless issues	1%	2%	2%
Grocery/retail/restaurants	4%	5%	5%
Other	9%	11%	10%

## Question 12

What landmarks or characteristics of your neighborhood are most important to preserve?	Male	Female	Overall
Parks/green spaces/landscaping	17%	28%	23%
Quality of neighborhood (sense of community, quiet, etc.)	4%	8%	6%
Pearl Harbor and historical landmarks	7%	8%	7%
Views	2%	3%	3%
Restaurants and shopping	1%	2%	2%
Access/convenience/transportation	3%	5%	4%
Schools	4%	5%	5%
Cleanliness	5%	1%	3%
Housing	2%	2%	2%
Trees	15%	17%	16%
Nothing	7%	5%	6%
Don't know/no comment	9%	4%	6%
Other	11%	7%	9%
Safety	7%	2%	4%
Parking and road maintenance	6%	1%	3%

## Question 13

What type of neighborhood do you most desire to live in?	Male	Female	Overall
1-2 story single-family homes, using my car as the primary way to shop and get to work/school	84%	80%	82%
3-4 story apartment buildings and townhomes, using transit and my car to get around	10%	17%	14%
15-30 story high-rise apartment/condominium buildings, walking and using transit to get around	5%	2%	4%

## Question 14

Do you plan to move from your current home in the next two years?	Male	Female	Overall
Yes	27%	31%	29%
No	58%	57%	58%
Don't know	15%	12%	13%

## Question 14a

Where will you move?	Male	Female	Overall
A new place in this neighborhood	7%	13%	10%
Another place in Honolulu	30%	18%	25%
Outside Honolulu, but on Oahu	10%	21%	15%
Outside Oahu	53%	48%	49%

## Question 15

Before receiving this survey, were you aware that the City and County of Honolulu is planning to build a rail transit line?	Male	Female	Overall
Yes	94%	91%	93%
No	6%	9%	7%

## Question 16 - Percent very or somewhat likely

At least one rail station will be within 1-2 miles of your home. Once it is built, how likely or unlikely will you or someone in your household be to use rail transit for the following trips?	Male	Female	Overall
Use rail transit to get to work or school	39%	40%	40%
Use rail transit to go shopping	52%	51%	51%
Use rail transit to go to restaurants, bars or nightclubs	51%	50%	50%
Use rail transit to visit beaches or recreation areas	45%	45%	45%
Use rail transit to meet up with friends/family	42%	48%	45%

## Question 17

If you were to ride rail transit, which station would you most likely use?	Male	Female	Overall
Pearl Harbor Station	54%	48%	50%
Airport Station	29%	31%	30%
Lagoon Drive Station	17%	21%	20%

## Question 17a - Percent very or somewhat likely

How likely or unlikely are you to travel to/from this rail station using the following modes of transportation (parking will not be provided at these stations):	Male	Female	Overall
By foot, if proper sidewalks and crossings exist?	53%	54%	53%
By bicycle, if proper lanes/paths and storage areas exist?	42%	32%	36%
By motorcycle or moped, if proper parking exists?	20%	12%	15%

**Question 17a - Percent very or somewhat likely**

By bus, if frequent and accessible coverage exists?	42%	36%	39%
By automobile, if a drop-off area is available?	66%	65%	65%

**Question 18 - Percent strongly or somewhat support**

When the rail system is built there may be opportunities to build new amenities around the rail stations. How strongly would you support or oppose building each of the following near your closest planned rail station(s)?	Male	Female	Overall
Bicycle parking	91%	94%	93%
Plazas or small parks	79%	85%	82%
Bus shelters	85%	91%	88%
Places to sit	93%	95%	94%
Improved landscaping	93%	96%	94%
Restrooms	92%	94%	93%
Coffee shops and restaurants	84%	90%	87%
Convenience stores (i.e. 7-11)	81%	84%	83%
Services, like hair salons or drycleaners	56%	63%	60%
Shopping centers	65%	70%	68%
Grocery stores	66%	74%	70%
Drug stores (pharmacies)	69%	74%	71%
Affordable/subsidized housing	45%	54%	50%
Regular/market rate housing	60%	64%	62%
Other	71%	77%	74%

**Question 19 - Percent strongly or somewhat support**

How strongly would you support or oppose the following types of new development near your closest planned rail station(s)?	Male	Female	Overall
Residential towers	39%	32%	36%
Residential - mid-rise	45%	43%	44%
Parks	85%	86%	86%
Retail stores/services	71%	76%	73%
Hotels	31%	34%	33%
Office towers	31%	35%	34%
Office - low-rise	43%	48%	46%
Parking structures	79%	81%	80%

**Question 20 - Percent strongly or somewhat support**

How strongly would you support or oppose the following improvements for major streets near your closest planned rail station(s)?	Male	Female	Overall
Expanding bus service	88%	89%	89%
Establishing bike lanes	91%	90%	90%
Improving sidewalks	94%	97%	96%
Adding street lighting	96%	95%	95%
Planting trees	93%	94%	93%
Adding crosswalks	94%	95%	95%
Adding on street parking	75%	81%	78%
Adding places to sit.	90%	95%	92%
Adding trash bins	94%	96%	95%

## Question 20a

Which major street in this area most warrants these types of improvements?	Male	Female	Overall
Nimitz Highway	16%	25%	20%
Kam Highway	16%	15%	15%
Salt Lake Blvd.	31%	21%	27%
Radford Drive	6%	5%	5%
Lagoon Drive	5%	5%	5%
Puuloa Road	2%	5%	4%
Other	23%	19%	21%
Don't know	2%	4%	3%

## Question 22

Where is your work or school located? (Please check all that apply)	Male	Female	Overall
Kalihi/Sand Island	8%	6%	7%
Liliha/Nuuanu	2%	3%	3%
Waikiki	9%	4%	6%
Ewa/Kapolei	3%	4%	3%
Downtown	13%	20%	17%
Makiki	3%	3%	3%
Waipahu	1%	2%	2%
Windward	4%	4%	4%
Kakaako	3%	2%	2%
Manoa	5%	5%	5%
Central Oahu	3%	3%	3%
East Oahu	1%	2%	1%
Ala Moana	7%	7%	7%
Kaimuki	2%	2%	2%
Aiea/Pearl City	7%	9%	8%
Other	13%	9%	11%
Kahala/ Diamond Head	3%	4%	4%
Airport/Pearl Harbor	34%	39%	36%
Moanalua/Salt Lake	17%	16%	17%
Retired/don't work	9%	7%	8%

### Question 23 - Commuted by this Mode At Least One Day Last Week

Thinking about last week, please tell us how you got to work each day (if you use more than one transportation mode, choose the one you used for the most miles).	Male	Female	Overall
Telecommute	7%	7%	7%
Drive vehicle alone	80%	76%	77%
Car/van pool	8%	13%	11%
Motorcycle or scooter	3%	2%	3%
Bus	3%	10%	6%
Walk	1%	1%	1%
Bike	3%	2%	2%
Alternate transport	22%	28%	25%

### Question 23 - Commuted by this Mode Every Workday Last Week

Thinking about last week, please tell us how you got to work each day (if you use more than one transportation mode, choose the one you used for the most miles).	Male	Female	Overall
Telecommute	3%	3%	3%
Drive vehicle alone	67%	65%	65%
Car/van pool	4%	6%	5%
Motorbike or scooter	1%	1%	1%
Bus	1%	6%	4%
Walk	1%	0%	1%
Bike	1%	0%	0%
Alternate transport	11%	17%	14%

## Appendix D: Survey Results by Station

When comparing results between subgroups, the margin of error (or confidence interval) varies by which groups are compared and how many respondents are in each subgroup. Of all the survey respondents, 421 lived closest to the planned Pearl Harbor Naval Base rail station, 239 lived closest to the planned Lagoon Drive rail station and 58 lived closer to the planned Honolulu International Airport rail station. The Honolulu International Airport and Lagoon Drive areas were combined for the purpose of this comparison; 297 survey respondents lived closest to the planned Airport/Lagoon Drive rail stations. The margin of error for comparison between these two groups is  $\pm 7\%$ .

Differences in responses between any two groups must be greater than the margin of error in order to be considered a statistically significant difference at the .95 confidence level. For example, since the margin of error between the two groups is  $\pm 7\%$ , if 54% of those closest to the planned Pearl Harbor Naval Base rail station and 60% of those closest to the planned Airport/Lagoon Drive stations said they felt safe in the city, this would not be statistically different. However if 54% of those closest to the Pearl Harbor Naval Base station and 62% of those closest to the Airport/Lagoon Drive stations said they felt safe in the city, this would be considered statistically different. Statistically significant differences are indicated with shading.

## Question 1 - Percent excellent or good

Please rate each of the following characteristics of your neighborhood.	Airport/Lagoon Drive	Pearl Harbor	Overall
Cleanliness of public spaces (including streets/sidewalks)	72%	57%	63%
Availability of trash/recycling receptacles	56%	64%	60%
Presence of trees and other shade providing canopies	64%	44%	52%
Presence of sidewalks	85%	70%	77%
Condition of sidewalks	71%	55%	62%
Number of cross-walks/crossing-lights	64%	66%	65%
Safety while walking	68%	61%	64%
Overall ease of walking in your neighborhood	79%	63%	69%
Number of bicycle paths and lanes	29%	27%	28%
Condition of bicycle paths and lanes	40%	36%	37%
Availability of bike racks/bike storage	19%	16%	17%
Safety while bicycling	31%	28%	29%
Overall ease of biking in your neighborhood	36%	28%	31%
Ease of locating bus stops	73%	66%	69%
Condition of bus stops	54%	44%	48%
Safety when waiting for buses	51%	53%	52%
Safety when riding buses	65%	64%	64%
Overall ease of bus travel	59%	59%	59%
Condition of local streets	45%	42%	43%
Traffic flow on local streets	40%	36%	38%
Amount of public parking	21%	19%	20%
Proximity of park(s) to your residence	59%	53%	55%
Overall, how easy it is for you to get around in Honolulu?	48%	51%	50%

## Question 2

How often does any member of your household use neighborhood parks?	Airport/Lagoon Drive	Pearl Harbor	Overall
Once a month or less	41%	60%	52%
A few times a month or more	59%	40%	48%

## Question 3 - Percent excellent or good

Please rate the quality of the parks in your neighborhood for the following:	Airport/Lagoon Drive	Pearl Harbor	Overall
Quality of parks for playing sports	61%	45%	52%
Quality of parks for exercising	54%	40%	46%
Quality of park playgrounds for children	58%	42%	49%
Quality of parks for picnicking or hanging out	54%	34%	43%

## Question 4 - Percent very or somewhat safe

How safe do you feel in your neighborhood parks?	Airport/Lagoon Drive	Pearl Harbor	Overall
In parks during the day	94%	84%	88%
In parks at night	48%	38%	42%
In parks, when homeless people are present	20%	11%	15%

## Question 5

How often does any member of your household use Keehi Lagoon Beach Park?	Airport/Lagoon Drive	Pearl Harbor	Overall
Once a month or less	92%	94%	93%
A few times a month or more	8%	6%	7%

## Question 6

If you could make one improvement to Keehi Lagoon Beach Park, what would it be?	Airport/Lagoon Drive	Pearl Harbor	Overall
Better lighting	7%	5%	6%
Improve safety/more security	7%	7%	7%
Keep clean/better maintenance	10%	11%	11%
Address homeless problem	18%	11%	14%
Improve landscape/greenery	12%	11%	12%
Increase place to sit/picnic	2%	3%	3%
More parking/improve road	7%	7%	7%
Restrooms	9%	9%	9%
Other	9%	12%	11%
Don't know/haven't been there	17%	18%	18%
Nothing	1%	5%	4%

## Question 7a - Percent yes

We'd like to know if you have the following businesses in your neighborhood.	Airport/Lagoon Drive	Pearl Harbor	Overall
Restaurants	83%	84%	84%
Bars or night clubs	16%	27%	22%
Coffee shops	65%	79%	74%
Beauty salons (hair, nails, barbers)	79%	83%	81%
Family entertainment (theaters, etc.)	10%	26%	19%
Grocery stores	91%	90%	90%
Drug stores (pharmacies)	87%	82%	84%
Convenience stores, (i.e. 7-11)	64%	82%	75%
Laundry/dry cleaners	35%	42%	39%

## Question 7b - Percent excellent or good

We'd like to know if you have the following businesses in your neighborhood, and if they are in your neighborhood, how you would rate them Overall. Are they excellent, good, fair or poor?	Airport/Lagoon Drive	Pearl Harbor	Overall
Restaurants	59%	70%	65%
Bars or night clubs	51%	48%	49%
Coffee shops	76%	78%	77%
Beauty salons (hair, nails, barbers)	61%	69%	66%
Family entertainment (theaters, etc.)	53%	77%	71%
Grocery stores	61%	81%	73%
Drug stores (pharmacies)	75%	87%	81%
Convenience stores, (i.e. 7-11)	68%	83%	78%
Laundry/dry cleaners	65%	69%	68%

## Question 8a - Percent yes

We'd like to know if you have the following businesses in your neighborhood.	Airport/Lagoon Drive	Pearl Harbor	Overall
Libraries	90%	77%	83%
Schools	96%	96%	96%
Child day care	71%	69%	70%
Youth centers	53%	42%	46%
Community centers	75%	71%	73%
Senior centers/senior day care	19%	21%	20%
Medical clinics/dentists	73%	70%	71%
Affordable housing	52%	40%	45%
Senior housing	17%	17%	17%

## Question 8b - Percent excellent or good

We'd like to know if you have the following businesses in your neighborhood, and if they are in your neighborhood, how you would rate them Overall. Are they excellent, good, fair or poor?	Airport/Lagoon Drive	Pearl Harbor	Overall
Libraries	83%	84%	84%
Schools	70%	80%	76%
Child day care	77%	82%	80%
Youth centers	79%	72%	75%
Community centers	82%	66%	73%
Senior centers/senior day care	71%	66%	68%
Medical clinics/dentists	72%	78%	76%
Affordable housing	50%	45%	47%
Senior housing	60%	52%	55%

## Question 9 - Like Most

What 3 things do you like most about living in your neighborhood?	Airport/Lagoon Drive	Pearl Harbor	Overall
Location is close to jobs/bus stops	59%	58%	59%
Close to shopping	33%	53%	45%
Neighborhood is quiet	35%	40%	38%
House/property is good size for my household	27%	36%	32%
Safe to walk, drive or play (few accidents)	32%	25%	28%
Good schools for children	25%	25%	25%
Housing is in good condition	36%	15%	24%
Crime rate is low	19%	19%	19%
Housing is affordable	18%	10%	13%
Other	14%	12%	12%
Close to recreation areas/facilities	10%	13%	12%
Strong sense of community	6%	7%	6%
Lively community/a lot going on	2%	1%	2%

## Question 9 - Like Least

What 3 things do you like least about living in your neighborhood?	Airport/Lagoon Drive	Pearl Harbor	Overall
Housing is expensive	51%	53%	52%
Don't know many neighbors	30%	34%	32%
Neighborhood is too noisy	24%	33%	29%
Other	22%	20%	21%
Far from recreation areas/facilities	21%	20%	20%
Crime rate is too high	20%	16%	18%
House/property is small, not enough space	24%	12%	17%
Far from shopping	20%	12%	15%
Unsafe to walk, drive or play (too many accidents)	11%	16%	14%
Housing is in poor condition	8%	15%	12%
No good schools for children	16%	9%	12%
Parking	4%	16%	11%
Location is not close to jobs/bus stops	7%	13%	10%
Traffic and road issues	5%	5%	5%
Neighborhood is too quiet/not a very lively place	3%	4%	3%

## Question 10

If only a few of the following amenities could be built or improved in your neighborhood, which five would you most like to see built or improved? (Check the 5 that are most important to you)	Airport/Lagoon Drive	Pearl Harbor	Overall
More car parking	54%	52%	53%
Walking paths/trails	41%	37%	39%
Sports facilities (gyms, fields, etc.)	39%	37%	38%
Improved sidewalks/crosswalks	32%	41%	37%
Community gardens	40%	32%	35%
Bike paths and bike lanes	33%	31%	32%
Children's playgrounds	29%	26%	27%
Parks	26%	28%	27%
Affordable housing	23%	25%	24%
Community centers	14%	23%	19%
Senior centers/day care	12%	21%	17%
Youth centers	14%	19%	17%
Other	13%	11%	12%
Schools	12%	10%	11%
Libraries	9%	12%	11%
Medical clinics/dentists	7%	12%	10%
Senior housing	5%	12%	9%
Child day care	9%	8%	8%

## Question 11

If there was one thing you could do to improve your neighborhood what would it be?	Airport/Lagoon Drive	Pearl Harbor	Overall
Reduce traffic	6%	4%	5%
Sidewalks/crosswalks/bike lanes	5%	7%	6%
Police presence/safety/reduce crime	12%	13%	13%
Improve roads	8%	11%	9%
Parks/gardens/recreation areas	12%	8%	9%
Clean up area/appearance	8%	10%	9%
Improve parking	11%	24%	19%
Improve transit	3%	3%	3%
Reduce Noise	3%	4%	4%
Affordable housing	4%	2%	3%
Street lighting	3%	2%	3%
Reduce homeless issues	4%	0%	2%
Grocery/retail/restaurants	9%	2%	5%
Other	12%	9%	10%

## Question 12

What landmarks or characteristics of your neighborhood are most important to preserve?	Airport/Lagoon Drive	Pearl Harbor	Overall
Parks/green spaces/landscaping	25%	22%	23%
Quality of neighborhood (sense of community, quiet, etc.)	7%	5%	6%
Pearl Harbor and historical landmarks	2%	11%	7%
Views	2%	3%	3%
Restaurants and shopping	3%	1%	2%
Access/convenience/transportation	5%	3%	4%
Schools	6%	5%	5%
Cleanliness	3%	3%	3%
Housing	3%	2%	2%
Trees	20%	13%	16%
Nothing	5%	6%	6%
Don't know/no comment	4%	8%	6%
Other	7%	11%	9%
Safety	5%	4%	4%
Parking and road maintenance	3%	4%	3%

## Question 13

What type of neighborhood do you most desire to live in?	Airport/Lagoon Drive	Pearl Harbor	Overall
1-2 story single-family homes, using my car as the primary way to shop and get to work/school	71%	90%	82%
3-4 story apartment buildings and townhomes, using transit and my car to get around	21%	10%	14%
15-30 story high-rise apartment/condominium buildings, walking and using transit to get around	8%	1%	4%

## Question 14

Do you plan to move from your current home in the next two years?	Airport/Lagoon Drive	Pearl Harbor	Overall
Yes	36%	24%	29%
No	47%	65%	58%
Don't know	17%	11%	13%

## Question 14a

Where will you move?	Airport/Lagoon Drive	Pearl Harbor	Overall
A new place in this neighborhood	12%	9%	10%
Another place in Honolulu	21%	29%	25%
Outside Honolulu, but on Oahu	16%	14%	15%
Outside Oahu	51%	48%	49%

## Question 15

Before receiving this survey, were you aware that the City and County of Honolulu is planning to build a rail transit line?	Airport/Lagoon Drive	Pearl Harbor	Overall
Yes	92%	93%	93%
No	8%	7%	7%

## Question 16 - Percent very or somewhat likely

At least one rail station will be within 1-2 miles of your home. Once it is built, how likely or unlikely will you or someone in your household be to use rail transit for the following trips?	Airport/Lagoon Drive	Pearl Harbor	Overall
Use rail transit to get to work or school	38%	40%	40%
Use rail transit to go shopping	58%	47%	51%
Use rail transit to go to restaurants, bars or nightclubs	56%	46%	50%
Use rail transit to visit beaches or recreation areas	48%	42%	45%
Use rail transit to meet up with friends/family	49%	42%	45%

## Question 17

If you were to ride rail transit, which station would you most likely use?	Airport/Lagoon Drive	Pearl Harbor	Overall
Pearl Harbor Station	18%	74%	50%
Airport Station	40%	22%	30%
Lagoon Drive Station	42%	4%	20%

## Question 17a - Percent very or somewhat likely

How likely or unlikely are you to travel to/from this rail station using the following modes of transportation (parking will not be provided at these stations):	Airport/Lagoon Drive	Pearl Harbor	Overall
By foot, if proper sidewalks and crossings exist?	59%	49%	53%
By bicycle, if proper lanes/paths and storage areas exist?	37%	35%	36%
By motorcycle or moped, if proper parking exists?	12%	18%	15%
By bus, if frequent and accessible coverage exists?	32%	44%	39%
By automobile, if a drop-off area is available?	69%	63%	65%

**Question 18 - Percent strongly or somewhat support**

When the rail system is built there may be opportunities to build new amenities around the rail stations. How strongly would you support or oppose building each of the following near your closest planned rail station(s)?	Airport/Lagoon Drive	Pearl Harbor	Overall
Bicycle parking	96%	91%	93%
Plazas or small parks	86%	79%	82%
Bus shelters	87%	88%	88%
Places to sit	95%	93%	94%
Improved landscaping	95%	93%	94%
Restrooms	94%	93%	93%
Coffee shops and restaurants	90%	85%	87%
Convenience stores (i.e. 7-11)	85%	81%	83%
Services, like hair salons or drycleaners	55%	63%	60%
Shopping centers	69%	67%	68%
Grocery stores	69%	71%	70%
Drug stores (pharmacies)	68%	73%	71%
Affordable/subsidized housing	46%	53%	50%
Regular/market rate housing	60%	63%	62%
Other	80%	71%	74%

**Question 19 - Percent strongly or somewhat support**

How strongly would you support or oppose the following types of new development near your closest planned rail station(s)?	Airport/Lagoon Drive	Pearl Harbor	Overall
Residential towers	36%	37%	36%
Residential - mid-rise	43%	45%	44%
Parks	86%	85%	86%
Retail stores/services	75%	72%	73%
Hotels	33%	32%	33%
Office towers	38%	31%	34%
Office - low-rise	49%	44%	46%
Parking structures	83%	77%	80%

**Question 20 - Percent strongly or somewhat support**

How strongly would you support or oppose the following improvements for major streets near your closest planned rail station(s)?	Airport/Lagoon Drive	Pearl Harbor	Overall
Expanding bus service	87%	90%	89%
Establishing bike lanes	91%	90%	90%
Improving sidewalks	96%	95%	96%
Adding street lighting	96%	95%	95%
Planting trees	93%	93%	93%
Adding crosswalks	96%	94%	95%
Adding on street parking	79%	77%	78%
Adding places to sit.	94%	92%	92%
Adding trash bins	96%	95%	95%

Question 20a			
Which major street in this area most warrants these types of improvements?	Airport/Lagoon Drive	Pearl Harbor	Overall
Nimitz Highway	40%	6%	20%
Kam Highway	3%	24%	15%
Salt Lake Blvd.	14%	36%	27%
Radford Drive	1%	8%	5%
Lagoon Drive	9%	2%	5%
Puuloa Road	8%	0%	4%
Other	22%	20%	21%
Don't know	2%	4%	3%

Question 22			
Where is your work or school located? (Please check all that apply)	Airport/Lagoon Drive	Pearl Harbor	Overall
Kalihi/Sand Island	7%	8%	7%
Liliha/Nuuanu	2%	3%	3%
Waikiki	4%	8%	6%
Ewa/Kapolei	4%	3%	3%
Downtown	15%	18%	17%
Makiki	3%	2%	3%
Waipahu	1%	2%	2%
Windward	4%	5%	4%
Kakaako	2%	3%	2%
Manoa	5%	5%	5%
Central Oahu	2%	4%	3%
East Oahu	1%	2%	1%
Ala Moana	4%	9%	7%
Kaimuki	2%	2%	2%
Aiea/Pearl City	9%	7%	8%
Other	9%	12%	11%
Kahala/ Diamond Head	4%	4%	4%
Airport/Pearl Harbor	45%	29%	36%
Moanalua/Salt Lake	14%	18%	17%
Retired/don't work	4%	12%	8%

### Question 23 - Commuted by this Mode At Least One Day Last Week

Thinking about last week, please tell us how you got to work each day (if you use more than one transportation mode, choose the one you used for the most miles).	Airport/Lagoon Drive	Pearl Harbor	Overall
Telecommute	5%	9%	7%
Drive vehicle alone	81%	73%	77%
Car/van pool	12%	9%	11%
Motorcycle or scooter	3%	3%	3%
Bus	7%	6%	6%
Walk	1%	1%	1%
Bike	4%	1%	2%
Alternate transport	25%	25%	25%

### Question 23 - Commuted by this Mode Every Workday Last Week

Thinking about last week, please tell us how you got to work each day (if you use more than one transportation mode, choose the one you used for the most miles).	Airport/Lagoon Drive	Pearl Harbor	Overall
Telecommute	2%	4%	3%
Drive vehicle alone	68%	63%	65%
Car/van pool	5%	5%	5%
Motorbike or scooter	2%	1%	1%
Bus	3%	4%	4%
Walk	1%	1%	1%
Bike	1%	0%	0%
Alternate transport	12%	16%	14%

### Question 24

Which best describes the building where you live? (Please check all that apply)	Airport/Lagoon Drive	Pearl Harbor	Overall
On-base military housing	9%	4%	6%
House (single family/detached)	9%	66%	42%
Duplex/townhouse	6%	13%	10%
Low-income or senior housing	0%	0%	0%
Apartment/condo - walk-up	3%	6%	5%
Apartment/condo - with elevators	52%	1%	22%
Other	0%	1%	1%
Off-base military housing	38%	18%	26%

### Question 25

Do you rent or own your home?	Airport/Lagoon Drive	Pearl Harbor	Overall
Rent	58%	27%	40%
Own	42%	73%	60%

Question 26 - Number of Adults			
Please tell us the number of adults (including yourself) and children who live in your home.	Airport/Lagoon Drive	Pearl Harbor	Overall
None	0%	0%	0%
1	19%	8%	13%
2	67%	49%	56%
3-4	13%	23%	19%
5 or more	1%	20%	12%

Question 26 - Number of Children			
Please tell us the number of adults (including yourself) and children who live in your home.	Airport/Lagoon Drive	Pearl Harbor	Overall
None	51%	56%	54%
1	15%	20%	18%
2	25%	14%	18%
3-4	9%	8%	8%
5 or more	1%	2%	1%

Question 26 - Total Number of Persons Living in Home			
Please tell us the number of adults (including yourself) and children who live in your home.	Airport/Lagoon Drive	Pearl Harbor	Overall
None	0%	0%	0%
1	16%	7%	11%
2	29%	29%	29%
3-4	43%	32%	37%
5 or more	12%	32%	24%

Question 27 - Number of Vehicles			
How many motor vehicles (cars, trucks, motorcycles, etc.) are owned or leased by the people in your household, and how many bicycles are owned and used on a regular basis?	Airport/Lagoon Drive	Pearl Harbor	Overall
None	2%	1%	1%
1	38%	20%	28%
2	50%	40%	44%
3 or more	9%	39%	26%

Question 27 - Number of Adult Bikes			
How many motor vehicles (cars, trucks, motorcycles, etc.) are owned or leased by the people in your household, and how many bicycles are owned and used on a regular basis?	Airport/Lagoon Drive	Pearl Harbor	Overall
None	60%	61%	61%
1	19%	18%	18%
2	19%	15%	17%
3 or more	2%	6%	5%

**Question 27 - Number of Children's Bikes**

How many motor vehicles (cars, trucks, motorcycles, etc.) are owned or leased by the people in your household, and how many bicycles are owned and used on a regular basis?	Airport/Lagoon Drive	Pearl Harbor	Overall
None	72%	79%	76%
1	9%	13%	11%
2	13%	6%	9%
3 or more	6%	3%	4%

**Question 28**

Does any member of your household have a physical handicap, or is anyone disabled?	Airport/Lagoon Drive	Pearl Harbor	Overall
Yes	10%	17%	14%
No	90%	83%	86%

**Question 29**

Age:	Airport/Lagoon Drive	Pearl Harbor	Overall
18 to 34	50%	33%	40%
35 to 54	35%	34%	34%
55+	16%	33%	26%

**Question 30**

What is your gender?	Airport/Lagoon Drive	Pearl Harbor	Overall
Male	44%	52%	49%
Female	56%	48%	51%

**Question 31**

How much education have you completed?	Airport/Lagoon Drive	Pearl Harbor	Overall
0 to 11 years of school	2%	2%	2%
High school	10%	19%	16%
Some college	20%	22%	21%
Associate's or technical school degree	16%	19%	18%
Bachelor's degree	38%	29%	33%
Graduate/professional degree	14%	9%	11%

**Question 32**

How much was your household's total income before taxes in 2013? Include income from all sources for all persons living in your household.	Airport/Lagoon Drive	Pearl Harbor	Overall
Less than \$19,999	5%	5%	5%
\$20,000 to \$29,999	4%	9%	7%
\$30,000 to \$39,999	10%	12%	11%
\$40,000 to \$49,999	12%	10%	11%
\$50,000 to \$74,999	22%	25%	24%
\$75,000 to \$99,999	26%	16%	20%
\$100,000 to \$149,999	16%	15%	15%
\$150,000 or more	4%	8%	7%

Question 33			
Which category best describes your race? (Please check all that apply)	Airport/Lagoon Drive	Pearl Harbor	Overall
Native Hawaiian	6%	13%	10%
Samoan	0%	2%	1%
Micronesian	0%	0%	0%
Other Pacific Islander	1%	2%	2%
Black/African American	5%	3%	4%
American Indian/Inuit	1%	1%	1%
Hispanic/Latino	5%	4%	4%
White/Caucasian	47%	33%	39%
Japanese	22%	16%	19%
Chinese	14%	10%	12%
Filipino	11%	36%	25%
Korean	6%	1%	3%
Vietnamese	1%	2%	2%
Other Asian	3%	2%	2%
Other	3%	4%	3%

## Appendix E: Responses to Open Ended Questions

*Other Responses to Q6: If you could make one improvement to Keehi Lagoon Beach Park, what would it be?*

- Add better facilities
- Better funding for maintenance
- Better working parks
- Bike path, basketball court, tennis court
- Bigger signs, fenced around lagoon for safety
- Build a place where kids can bowl, mini golf, driving cars in circle, like Disneyland, boating
- Coffee shops, small shopping center, place to sit, more trees, etc.
- Defeat every politician in their primary elections. That would fix most problems here
- Easy accessibility
- Everything
- Access to waters
- Get rid of cats
- Getting rid of the cat epidemic, very unsanitary
- Hard to say. It needs a complete overhaul
- Have activities or tours
- Improve beach quality
- Improve beach to swim in
- Lack of space
- Loneliness
- Make this survey available online; there should be a website that is secure and easy to use
- Mobile home park for low-income to no-income families
- Move shale areas, sometimes overcrowded with churchgoers
- New playground equipment
- Rail station
- Reconditioned tennis courts
- Renovate the playground; clean the toilets, trash picked from the water, too many homeless people
- Scheduled recreation
- Signs
- Softball fields, playgrounds, lights, bathrooms
- Widening the park
- Would like to see a walking path and bike path similar to Magic Island by Ala Moana Park

*Other Responses to Q9: What 3 things do you like most and what 3 things do you like least about living in your neighborhood?*

### Most

- |                                    |                                      |
|------------------------------------|--------------------------------------|
| • Access to freeway east/westbound | • Central is able to get to Windward |
| • All of the above!                | • Central location                   |
| • Among of driving                 | • Central location                   |
| • Away from anything important     | • Central location                   |
| • Better side walks                | • Central location                   |
| • Center of island                 | • Central location                   |

- Central location
- Central to all directions
- Central to everywhere
- Centralized
- Centralized
- Centralized area to downtown-leeward
- Centralized location
- Centrally located
- Centrally located on island
- Close to airport
- Close to airport
- Close to base
- Close to base
- Close to base within walking distance major plus
- Close to bases
- Close to churches
- Close to dog park
- Close to downtown
- Close to freeway
- Close to medical & military facilities
- Close to medical (Kaiser)
- Close to military bases
- Close to navy base
- Close to NEX military stores
- Close to on/off freeway ramps
- Close to restaurants
- Close to school
- Close to town
- Close to tripler
- Close to walk!
- Community upkeep (lawns, etc.) is excellent
- Convenient location to airport, freeways
- Convenient to food
- Dog bark & the streets are full of cars because every house to families in it.
- Easy access to free ways
- Easy access to freeway
- Easy access to freeways
- Easy access to major roads
- Equal distance to all locations
- Expensive rent
- Forest City military
- Government housing
- Great neighbors who have lived in area a long time
- Great view from our lot
- HPD patrol
- I don't have three things, walking
- I don't like my neighborhood
- I have a garage
- I'm 20 minutes to everywhere
- It is centrally located
- It's too noisy
- Kaynew-downtown etc.
- Large green spaces
- Line in military forest city housing
- Little traffic mcf back in area
- Many routes to get home
- Military
- Military facilities close
- Military housing
- Military housing
- Military housing
- Military housing close to everything
- More public parking
- Most homes have multiple families
- Near airport
- Near to airport
- No association
- No comment
- No high-rises
- No rail stops here
- Not many potholes
- On base
- On Oahu easy to go places
- Overlook the lake-80 the view is great
- Park next door basketball
- Pet friendly activity
- Plenty of ingress/egress
- Proximity to H-1
- Quiet, no through streets to walk and bicycle
- Reserved parking
- Secured building
- This community is centered
- View hillside
- View is excellent
- Viewplane
- Weather

**Least**

- I'd prefer a train
- A lot of black street dirt comes into myz
- Aircraft noise
- All of these are fine
- Area is dirty, dirty, dirty
- At their homes I don't mind this
- Awesome!
- Bad maintenance/slow response/work
- Bars and social places
- Base housing all looks the same
- Becoming overcrowded -- too many renters
- Bums/homeless everywhere
- Bus comes not often enough
- Bus route is on our tight street.
- Bus stop cross the street.
- Bus stop has no shade
- Chickens (crowing roosters) too early
- Close to freeway/rather noisy trucks & ambulances.
- Crime happens a lot but it isn't high
- Crime in military housing by locals
- Disrespectful tenants outside my window.
- Do drugs near water tank
- Doesn't have local laroor late restrain as options or place to get to easily
- Dogs & chickens everywhere
- Dogs off leash frequently
- Drag racing is dangerous stop racers on gate road!
- Drugs dealers wear water trail traffic
- Drugs-see above
- During the lines lub drunk and obnoxious make the neighborhood very unpleasant!
- Early dumping of bulky items on sidewalks
- Emergency vehicles constantly heading to/from AMC
- Evenings don't feel safe to walk for exercise, due to high density population
- Far from good beaches
- Far from nice beaches
- Far from the beach
- Feral pigeons on electric wire and park ground. Not enough public parking
- Folks in one house
- Gas prices
- Good shipping and eating
- Government housing
- Grass all dead because sprinklers don't work
- Hard to cross Ala Ilima crosswalk
- High cost of utilities and fuel
- Homeless along Nimitz Highway
- Homeless in the underpasses
- Homeless nearby
- Homeless people in Nimitz
- Homeless people
- Homeless/poor people squatting on sidewalks, parking lot
- Hot in summer
- Houses too close
- Housing development not secure
- Housing management
- I could hardly see oncoming cars both when happen I drive out from my garage
- Just too bad it's military housing
- Lack of HPD
- Land neighbors too many dump
- Late at night gangs drive fast
- Library hours are limited
- Like Third World nation
- Lots of break-ins
- Lots of high rates
- Lots of homeless
- Many holips me in discor air or lots of trutsly
- Members in one home
- Military housing seems to be the best choice on Oahu
- Military limits access to such of much of neighborhood.
- Minors allowed to smoke by my apartment

- Moderate petty crime
- Moped usage constant
- More
- Multifamily homes
- Need brighter street lights
- Need covered sitting at bus stops on Allaneahow st
- Need grows wildly
- Needed more city buses
- Neighbor don't take care of property
- Next door neighbor on our right side
- No bar in area
- No coffee shop nearby
- No convenience stores; coffee shops
- No dog park
- No doggie stations for trash and poop bags
- No family entered/dimeos.
- No formal (organized) neighborhood watch.
- No good beaches.
- No good eating places
- No good food close by
- No good restaurants
- No place for teens to hang out
- No police presence
- No restaurants near us
- No safe non-military housing options
- No sense of community
- No yard
- No youth activity center close
- Noisy bus stop now situated in front of my apartment. The buses often block our driveway and we cant get out on to the street. The drivers drop passengers onto our driveway.
- Noisy mop heads
- None of the above
- Not any nightlife close
- Not chain stores or fast food
- Not close to many restaurants
- Not enough shade, trees
- Not enough gas stations
- Not enough restaurant/bar options
- Not enough room.
- Not enough security for military
- Not enough sidewalk or bike lane. on Salt Lake.
- Not enough street lights
- Not enough whole something to do
- Not many bus routes available
- Not much of anything within walking distance
- Not near a beach
- Not very pretty
- Nothing live in Catlin Park
- On friendly drivers-inconsiderate
- Only 1 concern near !
- Other than that Radford is pretty
- Others OK!
- Outside Navy housing not pleasant
- People not taking care of side walks
- Petty theft car stolen twice
- Pick up bulky items on side walks.
- Poor esthetics to homes-too cluttered in front of homes-having live chickens on site
- Poor quality restaurants
- Pot holes on highway
- Public transportation wf ideal
- Quality of grocery stores.
- Racing on salt lake blvd.,
- Random dumping areas
- Random people walk thru neighborhood
- Re: cash dwelling
- Safety concerns b/c of many homeless in the area
- Safeway/McDonald area is my run down.
- Salt lake not bad!
- Salt lake surrounded by industrial areas
- Side walk can't walk
- Sidewalks. Can't walk on
- Sidewalks. They are blocked w/trash too! Likini street
- Sidewalks
- Sketchy people walking around.
- Small yard w/broken fence.
- Sometimes neighbors hold gateways.
- Speed around on moped, stealing from people's garage while we are

- sleeping. I'm Kanaka macki flag to deter gangs.
- Speed limit is not enforced
  - State vacant land not maintained
  - Stories of break-ins
  - Strangers found in backyard trashing it up with bags etc.
  - Streets too narrow
  - Taxes on property
  - The few low-income properties make the area ghetto
  - There are via traces
  - Things don't get fixed quickly
  - Time of maintenance/construction
  - Too close to homeless on Nimitz.
  - Too many big dogs
  - Too many bunk cars on property
  - Too many loud mufflers & mopeds
  - Too much junk on property
  - Too close to major highways
  - Too congested w/condos near by
  - Too far/too much traffic to/from downtown
  - Too many buildings/concrete
  - Too many care homes
  - Too many families
  - Too many hills
  - Too many homes converted for rentals. Multi-units
  - Too many idle teenagers in park
  - Too many people in houses
  - Too many self-employed individuals with nursing homes. Takes up public parking spaces.
  - Too many strangers walking around (shipyard workers & homeless)
  - Too much graffiti
  - Too much Serena
  - Too overly populated
  - Transient neighborhood
  - Trash left out too lazy to take to Under Highway 92 way dark at night feels upside
  - Want the tree behind our house trimmed a lot
  - We are very happy in our neighborhood
  - We love this area

***Other Responses to Q10: If only a few of the following amenities could be built or improved in your neighborhood, which five would you most like to see built or improved? (Check the 5 that are most important to you)***

- Adult education-computers/free
- All traffic lights
- Aloha Stadium
- Bar
- Beaches
- Better & nicer malls, large chain retailers
- Better bench access.
- Better lighting for crosswalks
- Better lighting on Highway 92 & get rid of homeless on 92
- Better open farmer market
- Bowling alley in stadium area.
- Bus station nearby
- Coffee shop
- Complete Salt Lake Blvd widening project
- Different shops
- Don't put a rail stop here
- Enforce parked cars blocking sidewalks

- Fire station based in AMC and emergency
- Get rid of mopeds riding on sidewalks
- Hire & regularly monitor teachers for skills continuous improvement including principals
- Improve roads
- Improved roads
- Improved safe at night, solution for the terrible traffic during rush hour
- Improved streets/roadways
- Less street parking
- Less traffic/congestion
- More frequent buses to out in Salt lake.
- More lights
- More road space
- More trees
- Neighborhood watch
- Nimitz Highway repave
- No more construction!
- Outline street parking spaces for space saving & continuity
- Plant more trees
- Police doing their jobs
- Police station
- Police station
- Potholes!
- Rail
- Removal of homeless
- Remove that dangerous bus stop. When trying to get out of our driveway and onto to the street, these rude bus drivers will drive in front of us, blocking our driveway to get passengers off the bus. Then the passengers will look at us like we are in the way and at fault.
- Remove wild pigeons on overhead wires & park grounds
- Re-paint "no parking zones" curbs
- Restaurants
- Restaurants
- Restaurants
- Restaurants
- Road conditions
- Road conditions
- Satisfied with current amenities
- Security police
- See below
- Speeding
- Starbucks/Jamba juice
- Stop all the shopping carts from being 1st all are over the Salt lake apartment areas.
- Street bump for crazy drivers
- Street fixed
- Street lights (working and added)
- Strip mall
- Theater, plays

- Theaters
- Trash cans!
- Trees, dr plants
- We like quiet w/no traffic & noise

***Other Responses to Q11: If there was one thing you could do to improve your neighborhood what would it be?***

- Activities to encourage responsible citizenship
- Adult education is affordable or free
- Behavior
- Being able to clear around my home ( area ) dangerous
- Being good neighbors
- Better beaches
- Better public schools
- Better schools
- Better schools
- Block parties
- Can't think of any
- Community meeting
- Conserve energy
- Do more family activities so I could meet my neighbors.
- Don't know
- Estimate buy use at shameene parks bathroom!
- Get rid of chickens-too many m likini
- Get rid of the sprinklers ( leave water spots on fans )
- Have the library open 8 am.- 9 pm. 7 days a week
- I don't know
- I have lined east, west coast a great neighborhood here in Hawaii
- I like my neighborhood
- I'm in military housing
- Improve quality of public schools
- Improve sense of community
- Less domestic animals
- Mail info on activities or to volunteer at else shorts bike sales at all close by centers
- Mine theatre
- More entertainment options
- Move!
- No comment
- No improvement needed
- No more door-to-door sale it's annoying
- No response
- No roosters!
- None
- None at this time
- Not sure
- Nothing
- Nothing

- Nothing-Forest City keeps it up amazingly
- Promote neighbor communication
- Recently moved
- Reduce multi-family/ohana units allowed per land lot
- Satisfied
- See above
- Sense of community
- Single family homes should not rent their homes or rooms to other people
- Solar and wind power for poor and low-income renters mandatory
- Sprinklers
- The city & county should lower real property tax
- Utility management-high cost of energy
- Volunteer in community centers to help seniors & children

***Other Responses to Q12: What landmarks or characteristics of your neighborhood are most important to preserve?***

- Aloha Stadium
- Aloha Stadium
- Self-reliant atmosphere
- Olive water tower
- Our rail stop-free community is something I treasure greatly
- Churches
- Liboreg
- Not the cell phone towers for sure!
- VA center-wonderful for our freedom keeping vets!
- The stadium, keep it
- The Nimitz hwy pylons full of graffiti
- The stadium, swap meet.
- Salt lake Library
- The class 6
- Aloha Stadium (leave it where it is)
- Aloha Stadium
- Airport
- Someone church!
- Ice Palace and Aloha Stadium
- Stadium
- Well you already tore down our good community center to make a crappy parking lot that is not used
- Unk mouwa
- Consideration for other's convenience
- Hokoluni sign
- Aloha Stadium

***Other Response to Q13a: What neighborhood in Honolulu would you most like to live in?***

- |        |   |
|--------|---|
| • Aiea | • Aiea Heights                          |
| • Aiea | • Aiea Heights                          |
| • Aiea | • Aina Haina                            |
| • Aiea | • Ala Hapuu street, Milkini, Ewa Gentry |

- Ala Moana
- Ala Moana
- Aiea
- Aiea Hights/mountains
- Aliamanu (affordable convenient)
- Aliamanu
- Alizmager
- Amr
- Dase hon sing
- Doris Miller LP
- Dowsett Highlands
- East Honolulu
- Every thing
- Ford Island
- Ford Island historic housing
- Hakulani
- Hale momu
- Haleiwa
- Hawaii Loa Ridge
- Hawaii Loaa Ridge
- Hawaii Kai
- Hokalani
- Honolulu
- Honolulu 96818
- Hawaii kai
- Hula moka
- In manuali
- Iok
- Kailua
- Kailua
- Kaimuki
- Kaimuki
- Kalaheo
- Kaneohe area
- Kapahulu area
- Lanikai
- Lanikai
- Makakilo
- Mililani Town I miss it. But too much traffic to work & home
- Mililani
- Miue
- Mochalas valley
- Newtown
- Newtown
- Newtown
- Newtown
- Niu Valley
- North shore
- Ola
- Pacific Palasades/Momi Lani
- Pali
- Pauoa
- Pearl City
- Pearl city
- Pearl City
- Portlock
- Portlock
- Punahou
- Radford
- Radford Terrace
- Radford Terrace
- Radford Terrace
- Radford Terrace (forest city)
- Royal Summit
- Royal Summit
- South shore
- Tantalus
- Waialae Iki
- Waipio
- Waipahu

***Other Responses to Q14b: If you do not plan to move, why?***

- Aliamanu is too noisy, too crowded, run-down, no parking, no parks
- All my relations in the mainland
- Other family members are coming from the Philippines
- Avoid unsightly rail on horizon
- Because this in a quiet place for us
- Because it is dirty, busy and high crime
- Because its ghetto on Salt Lake Boulevard
- Better home
- Bigger house desired

- Changing week conditions
- Confidential
- Congestion & rail--don't want to see it!
- Depending on schools and home availability
- Depends on if get pregnant, then yes, will need more space
- Do not living in Oahu, Hawaii
- Don't like moving
- Don't need to
- For a larger place
- Get off the island, experience more, schooling
- Good schools
- Have elder parents to care for!
- Having baby may need more space
- I don't know what is ahead for the next two years
- I plan on pursuing my master's degree at H.P.U. with my G.I. Bill
- I pray we go back to the mainland. Oahu is overcrowded!
- I will find or build eco-friendly green home somewhere in Manoa area made with suitable
- I will have to
- If our family grows, maybe
- I'll be transferring around then
- Just got here
- Maybe move to Kahaluu in two years. I don't like the street dist in my apartment
- More space
- Moving in 3-4 years
- Moving just to attend schooling mainland for degree
- Moving to Oregon on Dec. 31, 2016
- My child started high school and wouldn't want to change schools
- Need a change-quieter place
- Need more space
- Need to live to close to elderly living parents
- New place and not too much vandalism
- Night move to a bigger house or stay current resident for a while
- No new construction housing in the area
- No parking space
- No plans to move
- No sense of community pride here
- No traffic control, population
- Nowhere else to go
- Noise from traffic, distance to town and beach
- Oahu is too crowded and over developed
- Onto the mainland to finish college
- Parking two crowded
- Population density
- Possibly move in with my daughter in Makaha
- Salt Lake is ghetto
- Something better
- Too much description to rautens.

- Too exclusive
- Too industrial, terrible middle school, Aliamanu administration wave of school
- Too many parked cars and riff-raffs living in area.
- Traffic is horrible, education system sucks
- Want bigger, updated home
- Want house w/yard parking
- We may or may not retire here to Hawaii, if we do we will stay on Oahu
- Will be leaving Hawaii within the next years
- Would like to have accessible sidewalks without cars blocking sidewalks
- You are not paying for it, so not worry about it

***Other Responses to Q18: When the rail system is built there may be opportunities to build new amenities around the rail stations. How strongly would you support or oppose building each of the following near your closest planned rail station(s)?***

- |   |  |
|---|--|
| • Adult lounge/club/bar                       | • Need parking at the station  |
| • All things                                  | • No homeless people   |
| • Art   | • No rail  |
| • Athletic gym i.e. 24-Hour Fitness           | • None   |
| • Bookstore                                   | • Parking  |
| • Bookstore                                   | • Parking  |
| • Car parking                                 | • Parking for cars   |
| • Car parking                                 | • Parking for drop off car   |
| • Car parking                                 | • Parking garages  |
| • Charging stations                           | • Parking lot  |
| • Chick-Fil-A                                 | • Parking spaces for commuters   |
| • Coffee shops                                | • Parking  |
| • Dog parks                                   | • Police station   |
| • Education/location sites                    | • Police stations  |
| • Enough parking affordable                   | • Police substation homeless shelters, because the homeless will most likely squat near these rail stations. |
| • Farmers market                              | • Public pool  |
| • Free shuttle to rail stations               | • Security stations/HPD stations   |
| • Fruit/vegetable stands!                     | • Station  |
| • Gardens                                     | • Vehicle parking  |
| • Information kiosks (automated) for tourists | • Vender park (flea marking)   |
| • Let's not over develop!!!                   |  |
| • Locally award business                      |  |
| • More security                               |  |

***Other Responses to Q20a: Which major street in this area most warrants these types of improvements?***

- |                                      |                        |
|--------------------------------------|------------------------|
| • Aia Ilima.                         | • Ala Napunani Street  |
| • Ala Ilima, Ala Napunani            | • Ala Napunani, Likini |
| • Ala Ilima Street                   | • Ala tlingar street   |
| • Ala Mooina Way                     | • Ala Napunani         |
| • Ala Napunani Street or Pedlon road | • Ala Napunani Street  |
| • Ala Napunani Street                | • All                  |

- All
- All my street are good!
- All of them
- All streets
- All streets
- All the streets that have sketchy bike lanes. Pretty much all the bike lanes could be improved. Like on the whole island
- All-in the area
- All-without rail
- Any applicable
- Any street In Downtown area
- Aolele and Valena
- Around rail stations
- Ala Ilima
- Behind my house Holakui st.
- Bougainville
- Bouqainville
- Bus line
- Camp Catlin
- Camp Catlin Nimitz Highway
- Center Drive
- Center Drive
- Central Drive & Kamehameha Highway
- Chinatown area
- Chinatown
- Closest to residences
- Elliott Street
- H-1 west/east
- Haloa Drive
- Inner bus routes (houses)
- Joe our
- Likini
- Likini Street
- Likini Street
- Likini Street
- Likini Street/Pakini Street
- Likini Street
- Moanalua , Ala iling
- More street lights
- Most areas
- Near schools for
- None-tiny Hawaii
- Oahu doesn't need to cram even more on this tiny Island
- On all major streets on Oahu
- Paiea Street, Ohohia Street
- Paiea to rail station
- Pakini Street
- Pearl Harbor side
- Peltier
- Pukoloa street
- Roads
- That's up to city planner
- There is a area near Navy base that base no sidewalk on base skip of street/ But it may take away from traffic lanes
- Trash bins
- Ukini st
- Valkenburgh Drive
- Wahiawaa
- Waipahu
- Wanakaft

***Other Responses to Q22: Where is your work or school located? (Please check all that apply)***

- Pearl Harbor/Hickam
- Aliamanu
- All Oahu
- Army-Fort Shafter
- Barbers Pint
- Camp sSith
- Camp Sith
- Chinatown
- Don't have one
- Everywhere
- Everywhere (travel)
- Ford Island
- Fort Shafter
- H-2 Kamehameha
- Hickam AFB
- Halawa-work
- Hawaii kai
- Hickam
- Hickam
- Hickam AFB
- Home
- Home

- Home
- Home or Moanalua which is home
- Home-childcare
- I travel the island for my work
- I work all over the island
- Islandwide
- Joint Base Pearl Harbor-Hickam
- Joint Base Pearl Harbor-Hickam
- Kailua
- Kailua
- Kaneohe
- Kapolei
- Kaneohe Bay
- Kaneohe Bay (soon)
- Leeward
- Leeward
- Less than minutes away
- Mapunapuna
- Marine Corps Base Hawaii-Kaneohe Bay
- Mililani
- Mililani-Waiwai
- Nimitz hwy
- On the road
- Pearl Harbor
- Pearl Harbor
- Pearl Harbor
- Pearl Harbor base
- Pearl Harbor navy
- Pearl Harbor/Kunia
- Honolulu Community College
- Realtor, all
- Salt lake
- Sand island
- Schofield Barracks
- Schofield Barracks
- Self employed (adult care home)
- Self-employed at home
- Shafter
- The whole island
- Tripler
- Tripler
- Truent loround
- Wahiawa
- Waianae
- Waianae
- Waianae coast
- Wahiawa
- Waikele
- Waikele, Pearl Harbor
- Wahiawa
- Windward

***Other Responses to Q24: Which best describes the building where you live? (Please check all that apply)***

- 24-hour security
- 7 1/2 hours house
- Home own
- Home work
- Low rise four-story
- Own
- Own home
- Two-story house

## Appendix F: Methodology

### *Developing the Questionnaire*

The survey instrument for the City and County of Honolulu 2014 Community Survey of Airport/Salt Lake/Mapunapuna residents was developed through an iterative process between staff from the City and County of Honolulu and NRC. The Downtown and Kalihi neighborhood surveys (which were created and implemented in 2011), the Ala Moana and Waipahu surveys (created and implemented in 2012) and the Aiea-Pearl City survey (created and implemented in 2012) were used as a foundation for the Pearl Harbor-Airport-Lagoon Drive survey, and while most questions were retained, several were updated or replaced with unique questions developed for the Airport/Salt Lake/Mapunapuna neighborhoods.

### *Selecting Survey Recipients*

“Sampling” refers to the method by which survey recipients are chosen. The “sample” refers to all residents who were given a chance to participate in the survey. To create this sample a USPS list of all residential addresses within the zip codes near the stations was purchased. Each of the addresses was geocoded to determine the precise longitude and latitude of the address. This geocode information was also used to determine the walking distance of the address to the relevant rail station.

The sampling plan for this series of community surveys (of which the Airport/Salt Lake/Mapunapuna is the 6<sup>th</sup>), was to mail surveys to 1,350 households within a half mile of each of the planned stations in each community. However, the Airport/Salt Lake/Mapunapuna community has a large businesses/industrial area and most nearby households were more than a half mile away from each of the three stations. To ensure that the households closest to these stations were adequately represented, the minimum distance to the station was increased to two miles. Additionally, most households that were within two miles of the Honolulu International Airport station were closer to either the Pearl Harbor or Lagoon Drive stations. The final sampling plan, shown below, was created to accommodate these unique neighborhood features.

Closest Station	Honolulu		
	Pearl Harbor Station	International Airport Station	Lagoon Drive Station
Number that are closest to station	1,979	565	1,506
Minimum distance to closest station	0.32 miles	0.48 miles	0.53 miles
Maximum distance to closest station	1.45 miles	1.98 miles	1.36 miles

Of the 4,050 mailed surveys, 3,746 were delivered to occupied households. A total of 719 completed surveys were returned, for a response rate of 19%; this is a typical response rate compared to those that NRC sees for surveys in large cities. Of the 719 respondents, 58 were closest to the Honolulu International Airport station, 239 were closest to the Lagoon Drive station and 421 were closest to the Pearl Harbor station. Given the low number of respondents who were closest to the Airport station, when results are reported “by station,” the Airport and Lagoon Drive station areas are combined (Airport/Lagoon).

### *Survey Administration and Response*

Each selected household was contacted four times. First, a prenotification announcement was sent to the selected household informing them that they had been selected to participate in the survey. Approximately one week after mailing the prenotification, each household was mailed a survey containing a cover letter signed by the Director of the Department of Planning and Permitting enlisting participation. The packet also contained a postage-paid return envelope in which the survey recipients could return the completed questionnaire to NRC. Each survey had a unique five-digit code ink-jetted on the top of the cover page so that the returned survey could be linked to the data about how far the household was from a planned rail station.

A reminder letter and survey was mailed to arrive one week after the first survey. The second cover letter asked those who had not completed the survey to do so and those who had already done so to refrain from turning in another survey. A week after the reminder survey, a follow-up postcard was mailed. The postcard asked non-responders to find and complete the survey and provided a phone number to call if they had lost the survey.

The mailings were sent in July and August of 2014, and completed surveys were collected over the following six weeks. About 8% of the 4,050 surveys mailed were returned because the housing unit was vacant or the postal service was unable to deliver the survey as addressed. Of the remaining 3,746 who received a survey, 719 completed the survey, providing a response rate of 19%. This is a typical response rate; average response rates for a mailed resident survey typically range from 15% to 25% for larger urban populations.

### *Confidence Intervals*

The 95% confidence interval (or “margin of error”) quantifies the “sampling error” or precision of the estimates made from the survey results. A 95% confidence interval can be calculated for any sample size and indicates that in 95 of 100 surveys conducted like this one, for a particular item, a result would be found that is within plus or minus four percentage points of the result that would be found if everyone in the population of interest was surveyed. The practical difficulties of conducting any resident survey may introduce other sources of error in addition to sampling error. Despite best efforts to boost participation and ensure potential inclusion of all households, some selected households will decline participation in the survey (potentially introducing non-response error) and some eligible households may be unintentionally excluded from the listed sources for the sample (referred to as coverage error).

While the 95 percent confidence level for the survey is generally no greater than plus or minus four percentage points around any given percent reported for a question answered by all the respondents (719), results for subgroups will have wider confidence intervals. Where estimates are given for subgroups, they are less precise. For each subgroup from the survey, the margin of error rises to as much as plus or minus 14% for 50 completed surveys, to plus or minus 7% for 200 completed surveys.

### *Survey Processing (Data Entry)*

Mailed surveys were submitted via postage-paid business reply envelopes. Each survey was reviewed and “cleaned” as necessary. For example, a question may have asked a respondent to pick two items out of a list of five, but the respondent checked three; staff would choose randomly two of the three selected items to be coded in the dataset.

Once all surveys were assigned a unique identification number, they were entered into an electronic dataset. This dataset was subject to a data entry protocol of “key and verify,” in which

survey data were entered twice into an electronic dataset and then compared. Discrepancies were evaluated against the original survey form and corrected. Range checks as well as other forms of quality control were also performed.

### **Weighting the Data**

The demographic characteristics of the survey respondents were compared to those in the Census blocks that were within 2 miles of the relevant planned rail stations. Survey results were weighted using the Census norms to reflect the appropriate percent of those in the Census blocks. Other discrepancies between the whole population and the survey respondents were also aided by the weighting due to the intercorrelation of many socioeconomic characteristics.

The variables used for weighting were respondent age, gender, ethnicity, and tenure. A special software program using mathematical algorithms is used to calculate the appropriate weights. The results of the weighting scheme are presented in the figure below.

**2014 City and County of Honolulu Pearl Harbor-Airport-Lagoon Community Survey Weighting Table**

	Population Norm*	Unweighted Data	Weighted Data
Housing tenure			
Own	60%	49%	60%
Rent	40%	51%	40%
Housing type			
Detached*	51%	52%	54%
Attached*	49%	48%	46%
Ethnicity			
Asian	46%	42%	47%
Hawaiian	5%	5%	5%
White	30%	29%	29%
Other or two or more races	19%	24%	19%
Gender			
Female	50%	60%	49%
Male	50%	40%	51%
Age			
Age 18-34	40%	33%	40%
Age 35-54	35%	32%	34%
Age 55 and over	25%	36%	26%

\*Source: U.S.2010 Census and American Community Survey 2005-2009,

### **Analyzing the Data**

The electronic dataset was analyzed by National Research Center, Inc. staff using the Statistical Package for the Social Sciences (SPSS). For the most part, frequency distributions are presented in the body of the report. A complete set of frequencies for each survey question is presented in *Appendix A: Survey Results*.

## **Appendix G: Survey Instrument**

This appendix contains the 2014 Airport/Salt Lake/Mapunapuna Community Survey.

## We need your input!



Dear Resident,

The City and County of Honolulu is building a rail transit line from East Kapolei to Ala Moana to provide transportation alternatives and help residents travel more efficiently. Three stations are being planned near you at Pearl Harbor (Radford Drive), Honolulu International Airport, and Lagoon Drive. The approximate locations are shown on the map below.

Your home is located near at least one of these stations, and we would really like to hear from you as we begin to make plans to guide future development and public investment *around* the stations. For the purpose of this survey, please consider your neighborhood to be the area around your home and the nearest station.

To complete this survey, we would like you to select a household member randomly. To do so, please have the adult (anyone 18 years or older) in your household who most recently had a birthday complete this survey. The year of birth of the adult does not matter. Please spend a few minutes answering all the questions in this survey, and return it in the enclosed postage-paid envelope. Your responses will remain completely anonymous.

Your participation in this survey is very important. You will help shape the future of the Airport/Salt Lake/Mapunapuna neighborhood for generations to come!

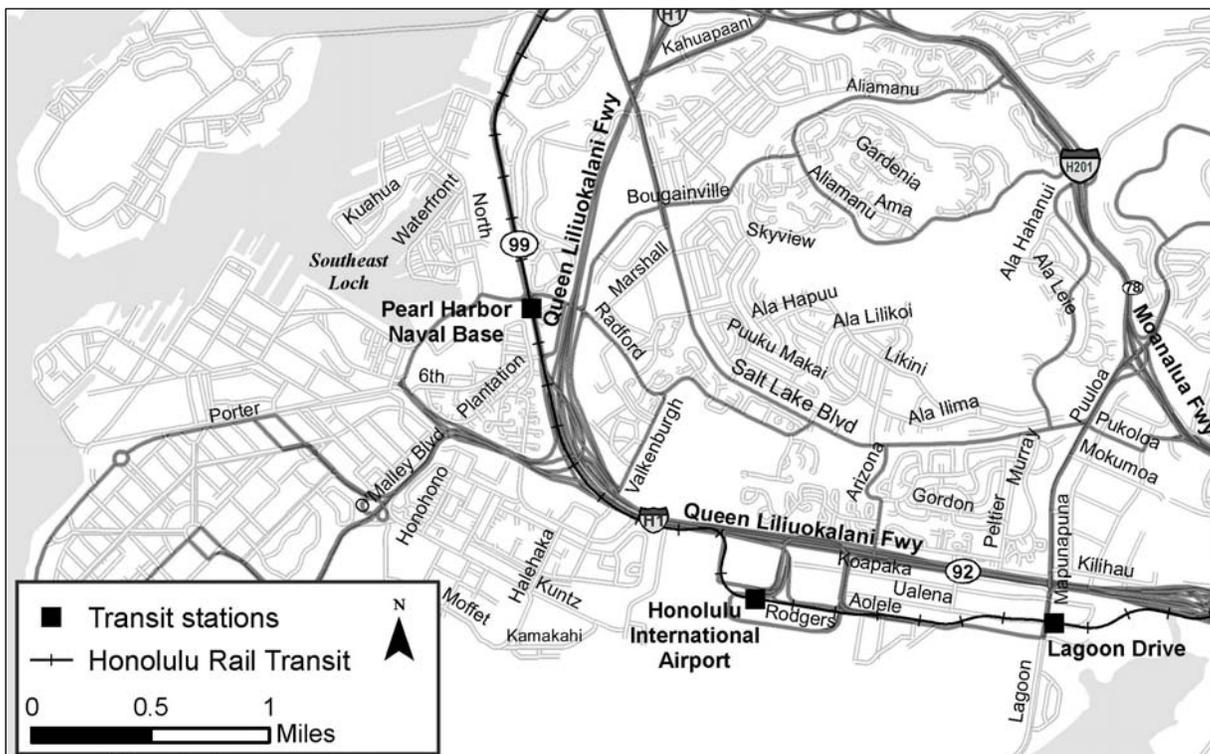
If you have any questions about this survey, please call our staff member, Renee Espiau, at (808) 768-8050. We also encourage you to sign up to receive project news and event information at [www.todhonolulu.org](http://www.todhonolulu.org).

Thank you for your time and participation.

Sincerely,

A handwritten signature in cursive script, reading "George I. Atta".

George I. Atta, FAICP, Director  
Department of Planning and Permitting  
City and County of Honolulu



Please complete this questionnaire if you are the adult (age 18 or older) in the household who most recently had a birthday. The adult's year of birth does not matter. Your responses are anonymous and will be reported in group form only. Results are tabulated by a company independent of the City & County.

Thank you!

1. Please rate each of the following characteristics of your neighborhood.

(Please check one box for each line)

	<u>Excellent</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Don't know</u>
Cleanliness of public spaces (including streets/sidewalks)	<input type="checkbox"/>				
Availability of trash/recycling receptacles .....	<input type="checkbox"/>				
Presence of trees and other shade providing canopies .....	<input type="checkbox"/>				
Presence of sidewalks .....	<input type="checkbox"/>				
Condition of sidewalks .....	<input type="checkbox"/>				
Number of cross-walks/crossing-lights .....	<input type="checkbox"/>				
Safety while walking .....	<input type="checkbox"/>				
Overall ease of walking in your neighborhood.....	<input type="checkbox"/>				
Number of bicycle paths and lanes .....	<input type="checkbox"/>				
Condition of bicycle paths and lanes.....	<input type="checkbox"/>				
Availability of bike racks/bike storage.....	<input type="checkbox"/>				
Safety while bicycling .....	<input type="checkbox"/>				
Overall ease of biking in your neighborhood .....	<input type="checkbox"/>				
Ease of locating bus stops .....	<input type="checkbox"/>				
Condition of bus stops.....	<input type="checkbox"/>				
Safety when waiting for buses .....	<input type="checkbox"/>				
Safety when riding buses.....	<input type="checkbox"/>				
Overall ease of bus travel .....	<input type="checkbox"/>				
Condition of local streets .....	<input type="checkbox"/>				
Traffic flow on local streets .....	<input type="checkbox"/>				
Amount of public parking .....	<input type="checkbox"/>				
Proximity of park(s) to your residence .....	<input type="checkbox"/>				
Overall, how easy it is for you to get around in Honolulu? .....	<input type="checkbox"/>				

2. How often does any member of your household use neighborhood parks?

- Almost daily     A few times a week     A few times a month     Once a month or less     Never

3. Please rate the quality of the parks in your neighborhood for the following:

(Please check one box for each line)

	<u>Excellent</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Don't know</u>
Quality of parks for playing sports .....	<input type="checkbox"/>				
Quality of parks for exercising.....	<input type="checkbox"/>				
Quality of park playgrounds for children .....	<input type="checkbox"/>				
Quality of parks for picnicking or hanging out .....	<input type="checkbox"/>				

4. How safe do you feel in your neighborhood parks?

(Please check one box for each line)

	<u>Very safe</u>	<u>Somewhat safe</u>	<u>Somewhat unsafe</u>	<u>Very unsafe</u>	<u>Not applicable</u>
In parks during the day.....	<input type="checkbox"/>				
In parks at night.....	<input type="checkbox"/>				
In parks, when homeless people are present .....	<input type="checkbox"/>				

5. How often does any member of your household use Keehi Lagoon Beach Park?

- Almost daily     A few times a week     A few times a month     Once a month or less     Never

6. If you could make one improvement to Keehi Lagoon Beach Park, what would it be?

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7. We'd like to know if you have the following businesses in your neighborhood, and if they are in your neighborhood, how you would rate them overall. Are they excellent, good, fair or poor?

	Is this in your neighborhood?		If in neighborhood, are they...				Don't know
	No	Yes	Excellent	Good	Fair	Poor	
Restaurants.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bars or night clubs.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coffee shops.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Beauty salons (hair, nails, barbers).....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Family entertainment (theaters, etc.).....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grocery stores.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drug stores (pharmacies).....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Convenience stores, (i.e. 7-11).....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Laundry/dry cleaners.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. We'd like to know if you have the following resources in your neighborhood, and if they are in your neighborhood, how you would rate them overall. Are they excellent, good, fair or poor?

	Is this in your neighborhood?		If in neighborhood, are they...				Don't know
	No	Yes	Excellent	Good	Fair	Poor	
Libraries.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schools.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Child day care.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Youth centers.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Community centers.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Senior centers/senior day care.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Medical clinics/dentists.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Affordable housing.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Senior housing.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. What 3 things do you like most and what 3 things do you like least about living in your neighborhood?

(Choose, or write-in, up to 3 things in each column)

**3 things you most like**

- Location is close to jobs/bus stops
- Housing is affordable
- Housing is in good condition
- House/property is good size for my household
- Neighborhood is quiet
- Lively community/a lot going on
- Strong sense of community
- Crime rate is low
- Safe to walk, drive or play (few accidents)
- Good schools for children
- Close to shopping
- Close to recreation areas/facilities
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**3 things you least like**

- Location is not close to jobs/bus stops
- Housing is expensive
- Housing is in poor condition
- House/property is small, not enough space
- Neighborhood is too noisy
- Neighborhood is too quiet/not a very lively place
- Don't know many neighbors
- Crime rate is too high
- Unsafe to walk, drive or play (too many accidents)
- No good schools for children
- Far from shopping
- Far from recreation areas/facilities
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

10. If only a few of the following amenities could be built or improved in your neighborhood, which five would you most like to see built or improved? (Check the 5 that are most important to you)

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Improved sidewalks/crosswalks | <input type="checkbox"/> Youth centers            | <input type="checkbox"/> Sports facilities (gyms, fields, etc.) |
| <input type="checkbox"/> Walking paths/trails          | <input type="checkbox"/> Community centers        | <input type="checkbox"/> Children's playgrounds                 |
| <input type="checkbox"/> Bike paths and bike lanes     | <input type="checkbox"/> Senior centers/day care  | <input type="checkbox"/> Child day care                         |
| <input type="checkbox"/> More car parking              | <input type="checkbox"/> Medical clinics/dentists | <input type="checkbox"/> Schools                                |
| <input type="checkbox"/> Parks                         | <input type="checkbox"/> Affordable housing       | <input type="checkbox"/> Libraries                              |
| <input type="checkbox"/> Community gardens             | <input type="checkbox"/> Senior housing           | <input type="checkbox"/> Other _____                            |

11. If there was one thing you could do to improve your neighborhood what would it be?

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12. What landmarks or characteristics of your neighborhood are most important to preserve?

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13. What type of neighborhood do you most desire to live in?

- 1-2 story single-family homes, using my car as the primary way to shop and get to work/school
- 3-4 story apartment buildings and townhomes, using transit and my car to get around
- 15-30 story high-rise apartment/condominium buildings, walking and using transit to get around

13a. What Honolulu neighborhood do you find most attractive as a place to live? \_\_\_\_\_

14. Do you plan to move from your current home in the next two years?

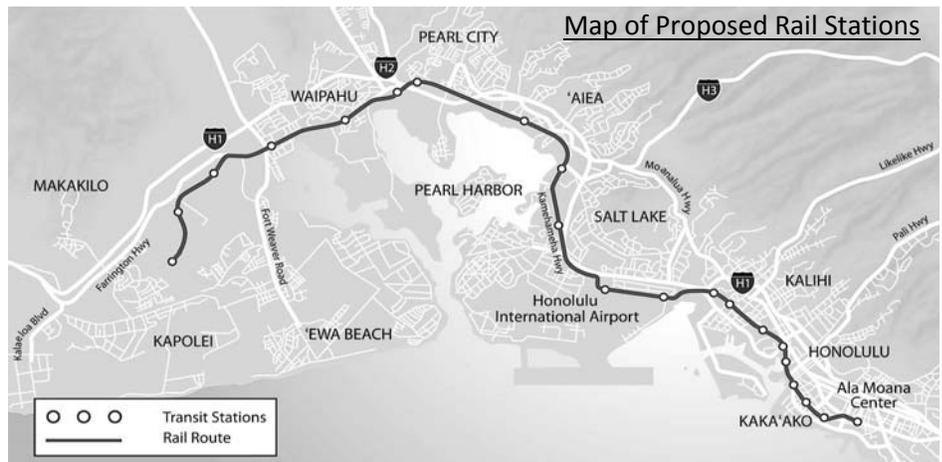
- |  |   |   |  |
|--|---|---|--|
| <input type="checkbox"/> Yes _____ →                     | <b>14a. Where will you move?</b>                          | <input type="checkbox"/> A new place in this neighborhood | <input type="checkbox"/> Outside Honolulu, but on Oahu |
| <input type="checkbox"/> No → go to question 14b         | <input type="checkbox"/> Another neighborhood in Honolulu | <input type="checkbox"/> Outside Oahu                     |  |
| <input type="checkbox"/> Don't know → go to question 14b |   |   |  |

14b. Why? \_\_\_\_\_

15. Before receiving this survey, were you aware that the City and County of Honolulu is planning to build a rail transit line?

- Yes
- No

16. At least one rail station will be within 1-2 miles of your home. Once it is built, how likely or unlikely will you or someone in your household be to use rail transit for the following trips? (Check one box for each line)



	Very likely	Somewhat likely	Somewhat unlikely	Very unlikely
Use rail transit to get to work or school.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use rail transit to go shopping.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use rail transit to go to restaurants, bars or nightclubs.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use rail transit to visit beaches or recreation areas.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use rail transit to meet up with friends/family.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

17. If you were to ride rail transit, which station would you most likely use?

- Pearl Harbor Station
- Airport Station
- Lagoon Drive Station

**17a. How likely or unlikely are you to travel to/from this rail station using the following modes of transportation**

**(parking will not be provided at these stations):**

*(Check one box for each line)*

	<b>Very likely</b>	<b>Somewhat likely</b>	<b>Somewhat unlikely</b>	<b>Very unlikely</b>
<b>By foot</b> , if proper sidewalks and crossings exist? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>By bicycle</b> , if proper lanes/paths and storage areas exist? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>By motorcycle or moped</b> , if proper parking exists? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>By bus</b> , if frequent and accessible coverage exists? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>By automobile</b> , if a drop-off area is available? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>By other means</b> (e.g. skateboard, segway, etc.) .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**18. When the rail system is built there may be opportunities to build new amenities around the rail stations. How strongly would you support or oppose building each of the following near your closest planned rail station(s)?**

*(Check one box for each line)*

	<b>Strongly support</b>	<b>Somewhat support</b>	<b>Somewhat oppose</b>	<b>Strongly oppose</b>	<b>Don't know</b>
Bicycle parking .....	<input type="checkbox"/>				
Plazas or small parks .....	<input type="checkbox"/>				
Bus shelters .....	<input type="checkbox"/>				
Places to sit .....	<input type="checkbox"/>				
Improved landscaping .....	<input type="checkbox"/>				
Restrooms .....	<input type="checkbox"/>				
Coffee shops and restaurants .....	<input type="checkbox"/>				
Convenience stores (i.e. 7-11) .....	<input type="checkbox"/>				
Services, like hair salons or drycleaners .....	<input type="checkbox"/>				
Shopping centers .....	<input type="checkbox"/>				
Grocery stores .....	<input type="checkbox"/>				
Drug stores (pharmacies) .....	<input type="checkbox"/>				
Affordable/subsidized housing .....	<input type="checkbox"/>				
Regular/market rate housing .....	<input type="checkbox"/>				
Other .....	<input type="checkbox"/>				

**19. How strongly would you support or oppose the following types of new development near your closest planned rail station(s)?**

*(Check one box for each line)*

	<b>Strongly support</b>	<b>Somewhat support</b>	<b>Somewhat oppose</b>	<b>Strongly oppose</b>	<b>Don't know</b>
Residential towers .....	<input type="checkbox"/>				
Residential – mid-rise .....	<input type="checkbox"/>				
Parks .....	<input type="checkbox"/>				
Retail stores/services .....	<input type="checkbox"/>				
Hotels .....	<input type="checkbox"/>				
Office towers .....	<input type="checkbox"/>				
Office – low-rise .....	<input type="checkbox"/>				
Parking structures .....	<input type="checkbox"/>				

**20. How strongly would you support or oppose the following improvements for major streets near your closest planned rail station(s)?**

*(Check one box for each line)*

	<b>Strongly support</b>	<b>Somewhat support</b>	<b>Somewhat oppose</b>	<b>Strongly oppose</b>	<b>Don't know</b>
Expanding bus service .....	<input type="checkbox"/>				
Establishing bike lanes .....	<input type="checkbox"/>				
Improving sidewalks .....	<input type="checkbox"/>				
Adding street lighting .....	<input type="checkbox"/>				
Planting trees .....	<input type="checkbox"/>				
Adding crosswalks .....	<input type="checkbox"/>				
Adding on street parking .....	<input type="checkbox"/>				
Adding places to sit .....	<input type="checkbox"/>				
Adding trash bins .....	<input type="checkbox"/>				

**20a. Which major street in this area most warrants these types of improvements?** \_\_\_\_\_

Our last questions are about you and your household.  
Again, all of your responses to this survey are completely anonymous and will be reported in group form only.

**21. How long have you lived:** *(Please check one box for each line)*

	<u>Less than 1 year</u>	<u>1-4 years</u>	<u>5-9 years</u>	<u>10-19 years</u>	<u>20 or more years</u>
In this house/apartment.....	<input type="checkbox"/>				
In this neighborhood .....	<input type="checkbox"/>				
On Oahu.....	<input type="checkbox"/>				

**22. Where is your work or school located?** *(Please check all that apply)*

- Kalihi/Sand Island    Downtown    Kakaako    Ala Moana    Kahala/ Diamond Head
- Liliha/Nuuanu    Makiki    Manoa    Kaimuki    Airport/Pearl Harbor
- Waikiki    Waipahu    Central Oahu    Aiea/Pearl City    Moanalua/Salt Lake
- Ewa/Kapolei    Windward    East Oahu    Other \_\_\_\_\_

**23. Thinking about last week, please tell us how you got to work or school each day (if you used more than one transportation mode, choose the one you used for the most miles).** *(Please check one box for each day)*

	<u>Did not go to work/school</u>	<u>Worked from home</u>	<u>Drove vehicle alone</u>	<u>Car pooled</u>	<u>Motorbike or scooter</u>	<u>Took bus</u>	<u>Walked</u>	<u>Biked</u>
Monday	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tuesday	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wednesday	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thursday	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Friday	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Saturday	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sunday	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**24. Which best describes the building where you live?**

- (Please check all that apply)*
- On-base military housing    Off-base military housing
  - House (single family/detached)
  - Duplex/townhouse
  - Low-income or senior housing
  - Apartment/condo – walk-up
  - Apartment/condo – with elevators
  - Other (Please specify \_\_\_\_\_)

**25. Do you rent or own your home?**    Rent    Own

**26. Please tell us the number of adults (including yourself) and children who live in your home.**

\_\_\_\_\_ number of adults  
\_\_\_\_\_ number of children

**27. How many motor vehicles (cars, trucks, motorcycles, etc.) are owned or leased by the people in your household, and how many bicycles are owned and used on a regular basis?**

\_\_\_\_\_ number of vehicles  
\_\_\_\_\_ number of adult bicycles  
\_\_\_\_\_ number of children’s bicycles

**28. Does any member of your household have a physical handicap, or is anyone disabled?**

- Yes    No

**29. How old are you?** \_\_\_\_\_ years old

**30. What is your gender?**    Male    Female

**31. How much education have you completed?**

- 0 to 11 years of school
- High school
- Some college
- Associate's or technical school degree
- Bachelor's degree
- Graduate/professional degree

**32. How much was your household's total income before taxes in 2013? Include income from all sources for all persons living in your household.**

- Less than \$19,999    \$50,000 to \$74,999
- \$20,000 to \$29,999    \$75,000 to \$99,999
- \$30,000 to \$39,999    \$100,000 to \$149,999
- \$40,000 to \$49,999    \$150,000 or more

**33. Which category best describes your race?**

*(Please check all that apply)*

- Native Hawaiian    Japanese
- Samoan    Chinese
- Micronesian    Filipino
- Other Pacific Islander    Korean
- Black/African American    Vietnamese
- American Indian/Inuit    Other Asian
- Hispanic/Latino    Other
- White/Caucasian

**Thank you! Please return the survey to NRC using the postage-paid envelope provided.  
National Research Center, Data Entry, P.O. Box 549, Belle Mead NJ 08502-9922**