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Kalihi Community Survey

City and County
of Honolulu

Department of Planning
& Permitting

Prepared by



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Executive Summary

A random sample of 4,000 residents who lived within a half mile of the planned rail line in Honolulu's Kalihi neighborhood was surveyed by mail during June and July, 2011. Twenty-eight 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 the findings across the entire Kalihi sample and highlights differences by location, gender and tenure (whether the resident owns or rents their home).

Community Amenities

Parks were used by about half the residents but there was concern about safety.

Just under half of residents in the Kalihi neighborhood used parks a few times a month or more frequently. Fewer residents near the proposed Middle Street station used parks. While most residents said they felt safe in parks during the day, few felt safe at night or when homeless people were present.

Family entertainment businesses were the most lacking in the Kalihi neighborhood.

When asked whether different types of businesses were present in the neighborhood, most residents said grocery, drug and convenience stores and restaurants were nearby and they thought these businesses were of good quality. Businesses that were more often thought to be absent were family entertainment (such as theaters), laundries or dry cleaners, and bars and night clubs and those who said these were present gave them lower quality ratings.

Youth, child care, senior and community centers and higher quality affordable housing were missing from the neighborhood.

Residents all said there were schools and libraries in the neighborhood and that they were of good quality. Fewer identified the presence of youth, child care, senior and community centers, but they were also thought to be of good quality. While most residents said they knew of affordable housing in the neighborhood, less than half said it was excellent or good; most rated it fair or poor.

Civic Connection

Convenience to work, transit and shopping are high priorities for Kalihi residents.

Convenient location was one of the favorite things residents identified about living in Kalihi, and it would also be a major consideration in choosing a new home. When asked what landmarks or characteristics they would want to preserve in their neighborhood, Kalihi residents said parks and landscapes, schools, local retail and markets, and the Bishop Museum.

Beyond location, residents value quietude, safety and affordability.

Residents said the worst things about the Kalihi neighborhood were the noise, the expense and crime levels. Although, on affordability residents were split: affordability made the list of best things and being too expensive made the list of worst things. When asked about what was special about the Honolulu neighborhood they would most like to live in, residents most often named convenience, cleanliness and attractiveness, quietude and safety as the amenities they valued.

Neighborhood Mobility

Kalihi residents frequently commuted by alternate travel modes.

Residents generally lived near where they work: a majority of Kalihi neighborhood residents worked in Kalihi or Downtown. Of all the commuter trips that residents reported taking in the week before they completed the survey, just over half were by alternate travel modes (bus, walking, biking, carpooling or telecommuting). Thinking of the overall ease of traveling by different modes, bus travel was rated best, followed by driving, walking and then biking. The condition of sidewalks was a challenge for walking and parking availability was a challenge for driving. Biking amenities (paths, lanes and storage) and safety received mostly poor ratings. The condition of bus stops was of concern for using transit.

Kalihi residents were aware of plans to build the transit line and planned to use it.

About half the residents said that they were somewhat or very likely to use the new rail transit line to get to work or school or to visit beaches and recreation areas. Just under half were somewhat or very likely to use it for going to restaurants, bars and night clubs, and just over half were somewhat or very likely to use it for shopping trips. Residents who commuted by an alternate travel mode for more than half their trips in the week prior to the survey were more likely to say they would use rail transit than those who typically drove alone, but about half of those who had driven alone to work for more than half their trips in the week prior to the survey also said they were somewhat or very likely to use the rail system.

Development Opportunities

Streetscapes were a top priority for development.

While there was relatively strong support for most development possibilities near the proposed rail stations and along major streets in Kalihi (whether building new retail, residences or services) improving the streetscape (e.g. adding places to sit, landscaping, and adding bus shelters) received the strongest support. The amenity that was chosen by most residents when asked to pick 5 amenities to improve in their neighborhood was the condition of sidewalks. This was more important near the proposed Middle Street and Kalihi stations than near the proposed Kapalama station.

Residents prefer low-rise buildings.

Asked how much they would support or oppose new buildings of various heights near the proposed rail station that was closest to their home, most residents said they would support buildings up to 3 stories tall, they would somewhat oppose buildings 4 to 8 stories and more strongly oppose buildings

taller than 8 stories. Thinking of development along Kapalama Canal, residents did not want to see hotels, office towers or residential towers.

Residents wanted more parking and parks, better roads and sidewalks and less crime.

When residents picked 5 amenities (from a list) as the most important for improvement in their neighborhood, they most often chose sidewalks, car parking, affordable housing, playgrounds and parks. When asked, unprompted, what one thing they would do to improve their neighborhood they most often said: lower the crime rate, improve the roads, clean up the neighborhood and improve the sidewalks.

Survey Background

Survey Purpose

Staff of the Department of Planning and Permitting, Planning Division of the City and County of Honolulu sought to capture the perspectives of residents in the Kalihi neighborhood around the planned Middle Street, Kalihi and Kapalama 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 make plans to guide future public investment and development around the rail stations.

Survey Methods

A randomly selected sample of 4,000 households within a half mile of one of the three proposed stations (Middle Street, Kalihi and Kapalama stations) was mailed the survey. These 4,000 households were 86% of the total number of households (4,665) estimated to be within a half mile of one of the three proposed stations.

The survey was in English and the cover page included text in Tagalog and Ilocano telling residents how to request an in-language version of the survey if they preferred to respond in Tagalog or Ilocano. Two residents requested Tagalog surveys and 1 resident requested an Ilocano survey, but none of these surveys were completed and returned. Of the 4,000 mailed surveys, 3,895 were delivered to occupied households. A total of 1,100 completed surveys were received, for a response rate of 28%; this is a strong response rate compared to those that NRC typically sees for surveys in large cities.

Survey results were weighted so that respondent age, gender, ethnicity, housing tenure (rent or own) and housing unit type (attached or detached) were represented in the proportions reflective of the entire adult population living in Census blocks within a half mile of the proposed stations (as reported from the 2010 U.S. Census and the 2005-2009 American Community Survey). The margin of error is plus or minus three percentage points around any given percent for the entire sample.

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

Understanding the Results

How the Results Are Reported

Results for the whole sample are shown in the body of the report and in Appendix A: Survey Results. Results were also compared by selected subgroups: which proposed station that was nearest to the resident's home (Middle Street, Kalihi and Kapalama stations), the respondent's gender and whether the respondent owned or rented their home. 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 three percentage points around any given percent reported for the entire sample (1,100). 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 a sample size of 50 to plus or minus 5% for 400 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.

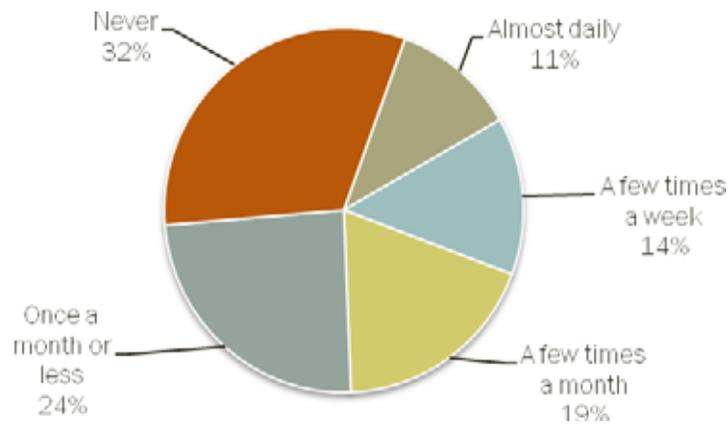
Community Amenities

Neighborhood Parks

About 25% of residents who lived near a proposed rail station had used a neighborhood park a few times a week or more and 32% had never used them. The proportions were similar between residents closest to the proposed Kapalama and Kalihi stations, but residents near the proposed Middle Street station were more likely to have never used a neighborhood park (45%).

Renters (46% used parks at least a few times a month) tended to use the parks more frequently than home owners (37%). Women (35%) were more likely than men (28%) to have never used a neighborhood park

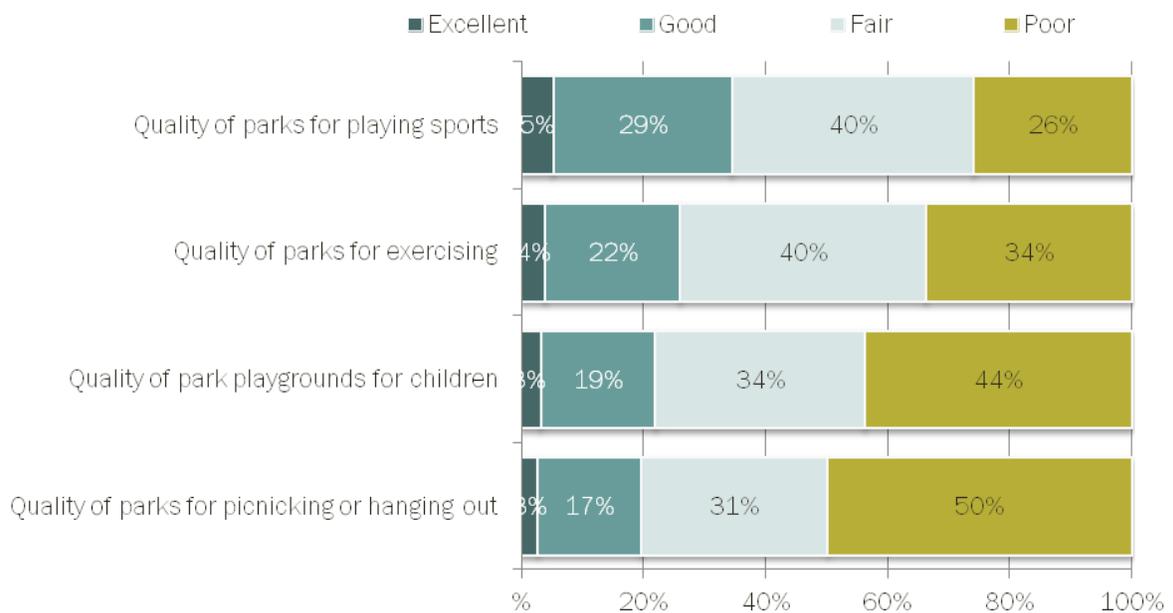
Figure 1: How often does any member of your household use neighborhood parks?



Ratings for the quality of neighborhood parks left room for improvement. One-third or fewer residents near the proposed stations rated the quality of their parks as excellent or good for playing sports, exercising, for children’s play or for picnicking or hanging out.

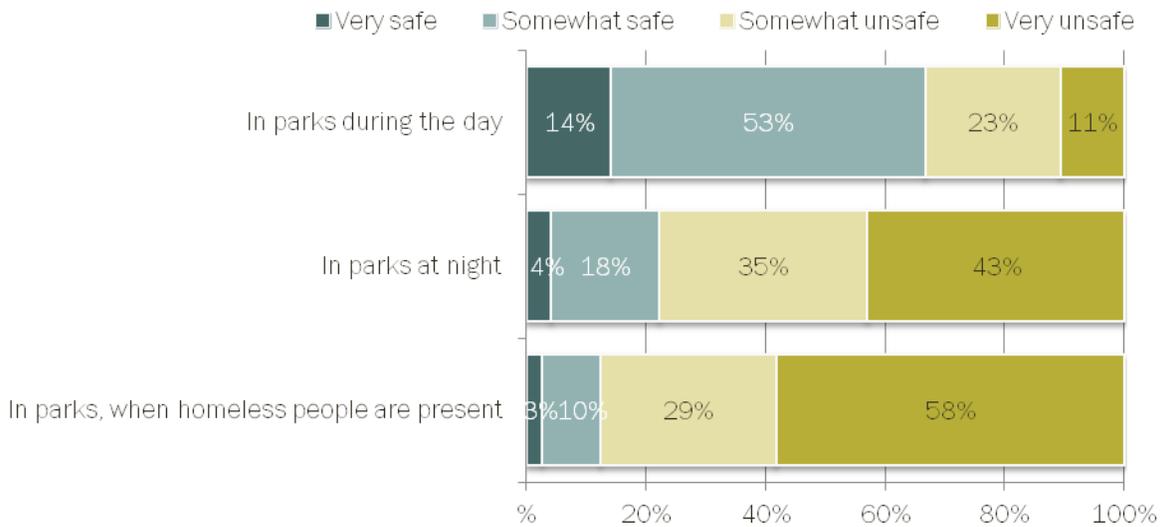
Men and women gave similar ratings as did home owners and renters. Residents living nearest to the proposed Middle Street station gave the lowest ratings for all aspects of their parks (only 11% thought the quality of the park for playing sports or exercising was excellent or good and only 8% thought the quality of the park for children or picnicking was excellent or good).

Figure 2: Quality of the parks in your neighborhood



Overall, a majority of residents (67%) who lived within a half mile of the proposed Kalihi neighborhood rail stations felt safe in the parks during the day, but most did not feel safe there at night (78%) or when homeless people were present (87%). This did not vary by location, gender or tenure, with one exception. Women were less likely than men to feel safe at night.

Figure 3: Safety in neighborhood parks



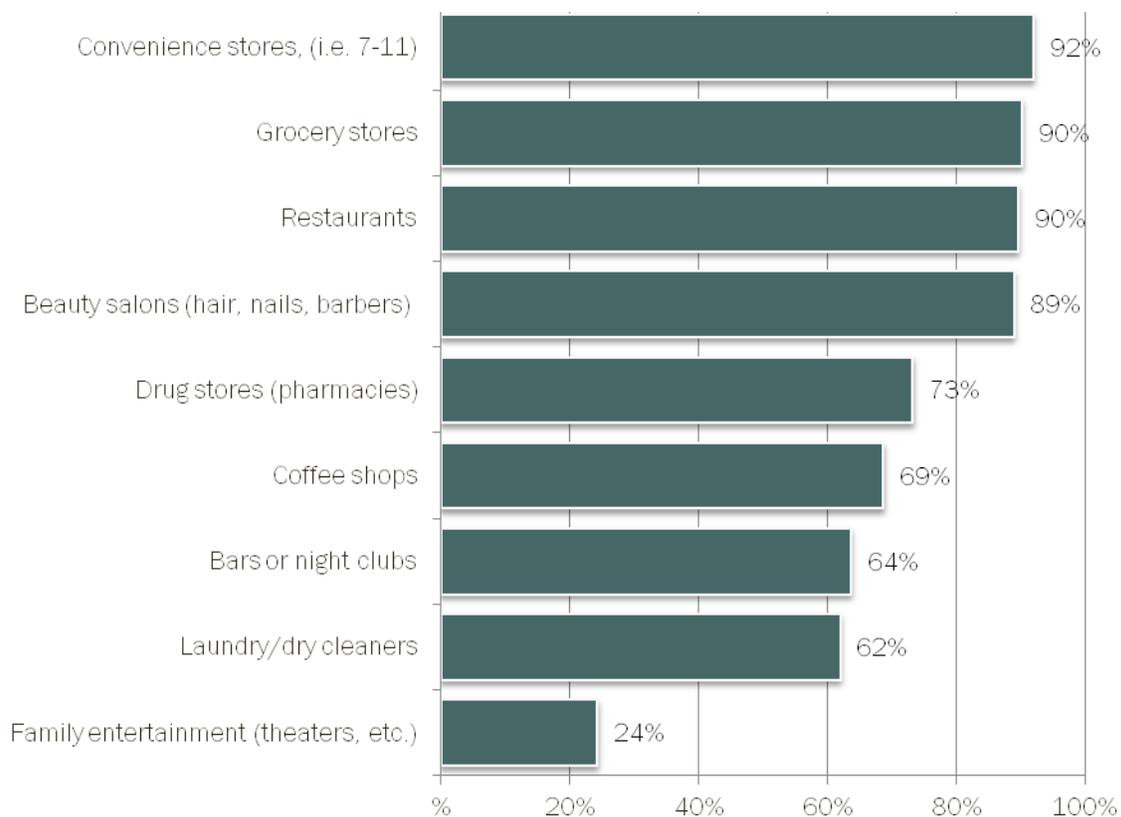
Neighborhood Businesses

Residents were asked what businesses were in their neighborhoods, and if that type of business was present, they were asked to rate its quality. Almost all residents thought there were nearby convenience and grocery stores, restaurants and beauty salons. Only a quarter of residents had access to family entertainment businesses in their neighborhood.

This varied by station area. Those near the proposed Middle Street station were least likely to have family entertainment (13%), bars or night clubs (30%), restaurants (71%) coffee shops (51%), or laundry/dry cleaners (40%). Those near the proposed Kapalama station were most likely to have bars or night clubs (75%), family entertainment (34%), and laundry/dry cleaners (73%).

This perception did not vary by gender, but homeowners (77%) were more likely than renters (65%) to think there were nearby coffee shops.

Figure 4: Presence of businesses in neighborhood

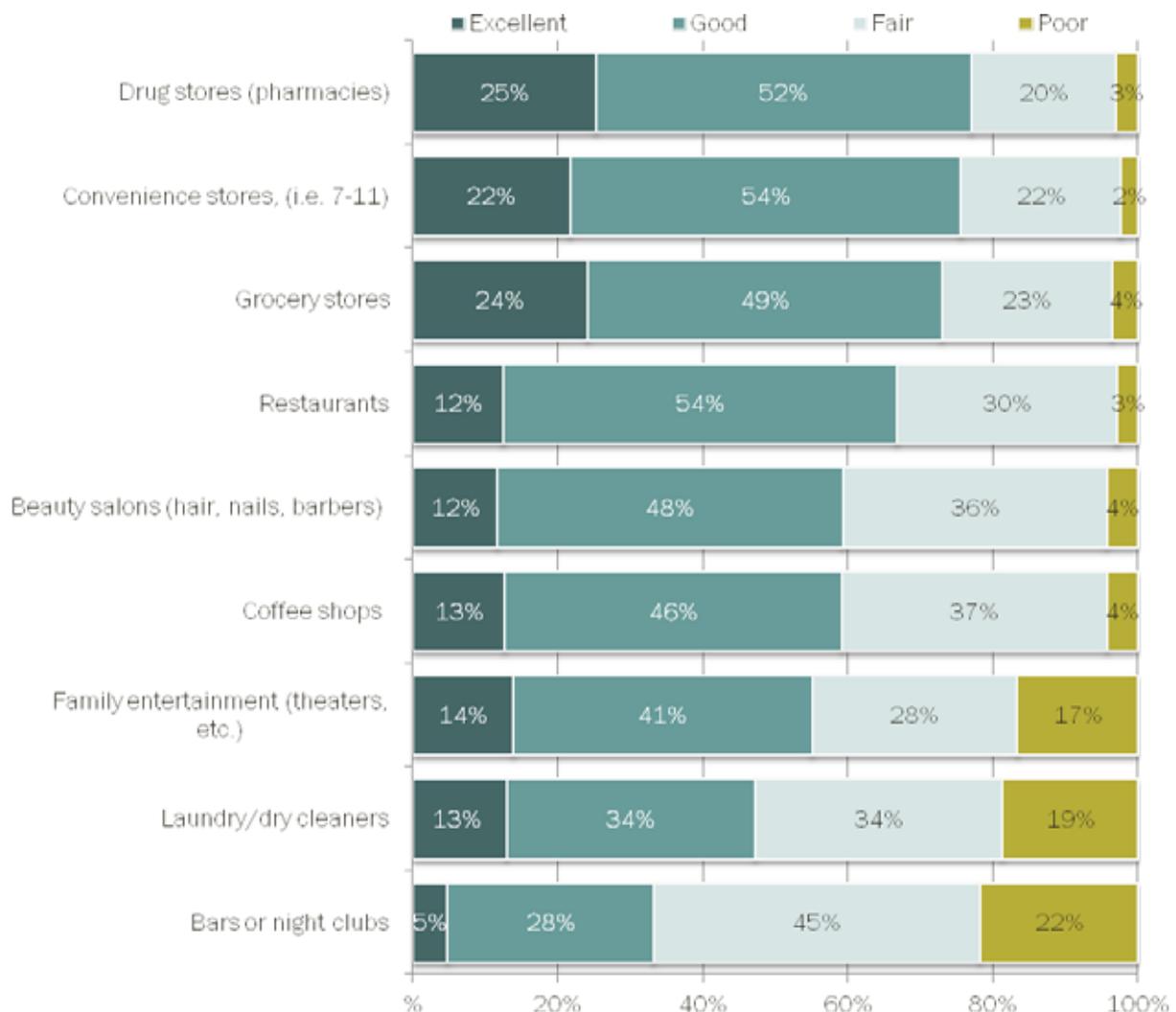


Total exceeds 100% as respondents could provide more than one response.

Quality ratings for businesses were highest for drug, convenience and grocery stores (which were most prevalent in the area) and lowest for bars and night clubs and laundries (which were less prevalent in the area).

These ratings did not vary much by station area, although family entertainment had better ratings near the Kapalama station (61% excellent or good). Laundries/dry cleaners had the best ratings near Kapalama (57% excellent or good) and the worst near Middle Street (33% excellent or good). Coffee shops had better ratings near the proposed Kalihi station (61% excellent or good) than the proposed Kapalama station (53% excellent or good). Homeowners and renters gave similar ratings for each type of business but men gave better ratings for restaurants, coffee shops, bars, nightclubs and beauty salons than women. Women gave higher ratings than men for family entertainment.

Figure 5: Quality of businesses in your neighborhood

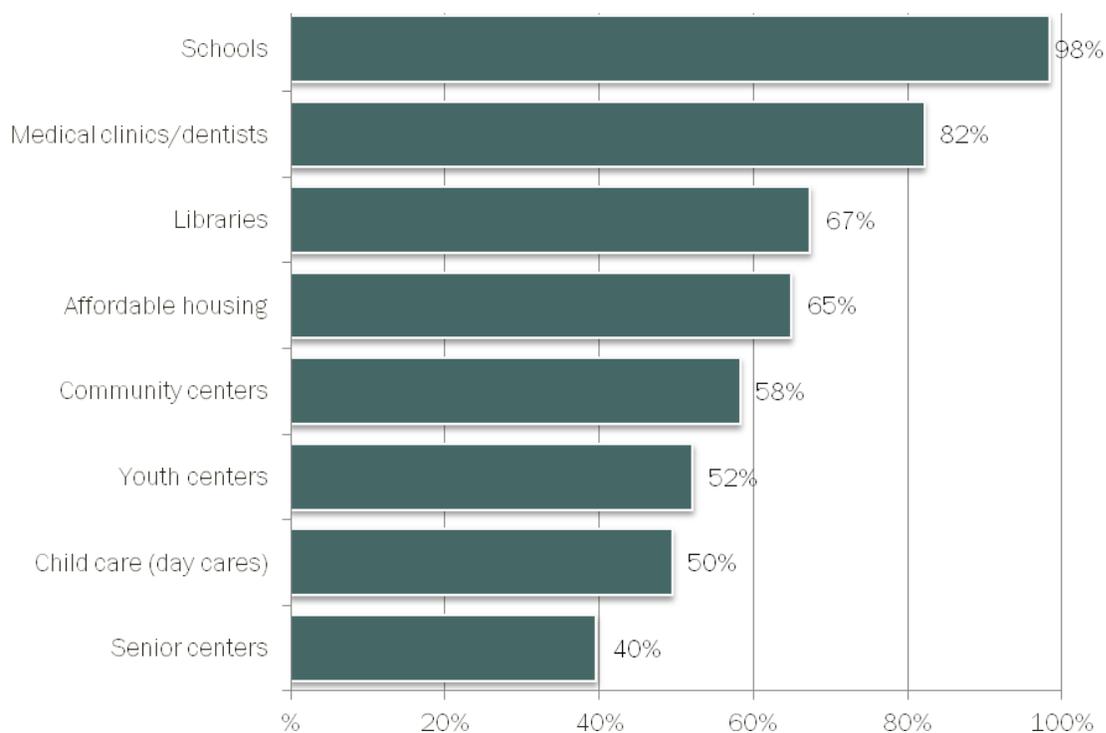


Community Resources

Residents were also asked what community resources were in their neighborhoods and if a resource was present, they were asked to rate its quality. Resources that were most prevalent were schools, medical clinics or dentists, libraries and affordable housing. Least available were senior, child care and youth centers.

Residents near the proposed Middle Street station were most likely to have child care (69%) and community centers (37%) and least likely to have youth (31%) and senior (13%) centers. Residents near the proposed Kapalama station were most likely to have senior centers (48%), medical clinics or dentists (87%) and affordable housing (76%). Men were more likely than women to say there were youth and community centers in their neighborhood. The perception of community resources in the neighborhood did not vary by tenure.

Figure 6: Presence of community resources in neighborhood

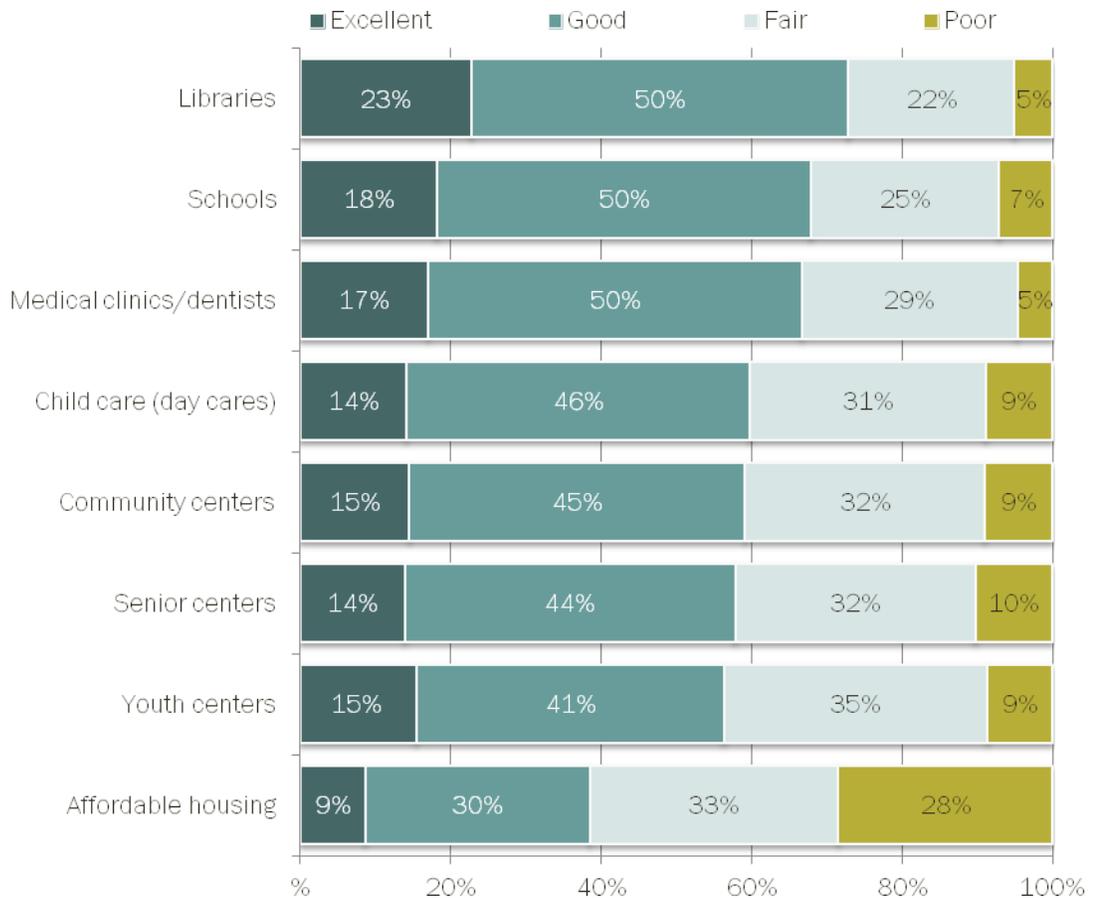


Total exceeds 100% as respondents could provide more than one response.

Libraries received high ratings from residents, with 73% saying they were excellent or good. All community resources, except affordable housing were rated as excellent or good by 56% or more of the residents.

Residents near the proposed Kapalama station gave higher ratings than other residents for the community centers and medical clinics or dentists. Residents near the proposed Middle Street station gave lower ratings than other residents for child care, youth centers and affordable housing. Other ratings of community resources were similar across station areas. Ratings did not vary by tenure, but men gave higher ratings than women to libraries, youth, senior and community centers and medical clinics or dentists.

Figure 7: Quality of community resources in your neighborhood



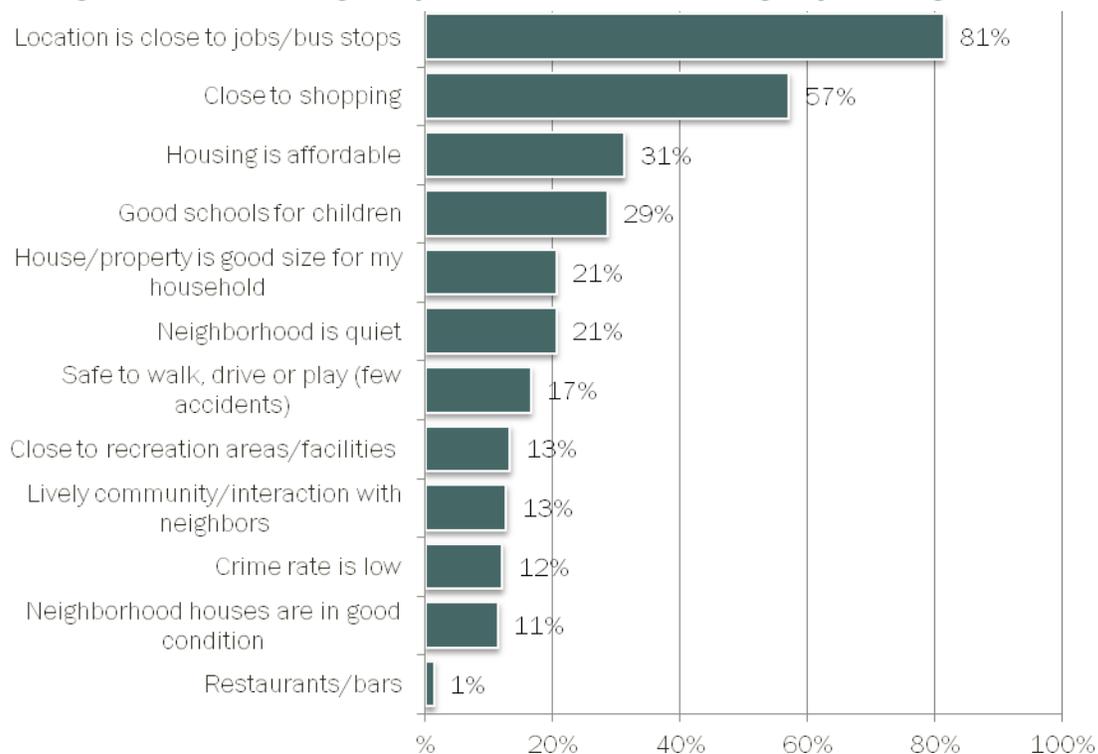
Best Things about Neighborhood

When asked what three things they liked most about living in their neighborhood, location was the most mentioned benefit. Residents liked that their workplaces, buses and shopping were easily accessible. Coming in third place was the affordability of housing.

Residents across the three proposed station areas agreed that proximity to work buses and shopping were the best things about their neighborhood. However, those near the proposed Kapalama station said proximity to shopping was one of the best things more frequently (64%) than those near the proposed Kalihi (54%) and Middle Street stations (49%). Those near the proposed Middle Street station said their neighborhood being quiet was one of the best things more frequently (37%) than those near the proposed Kalihi (19%) and Kapalama stations (21%).

Homeowners (31%) were more likely than renters (16%) to list the size of their home or lot as what they liked about their neighborhood. Renters (38%) were more likely than homeowners (15%) to mention that housing was affordable.

Figure 8: What 3 things do you like most about living in your neighborhood?



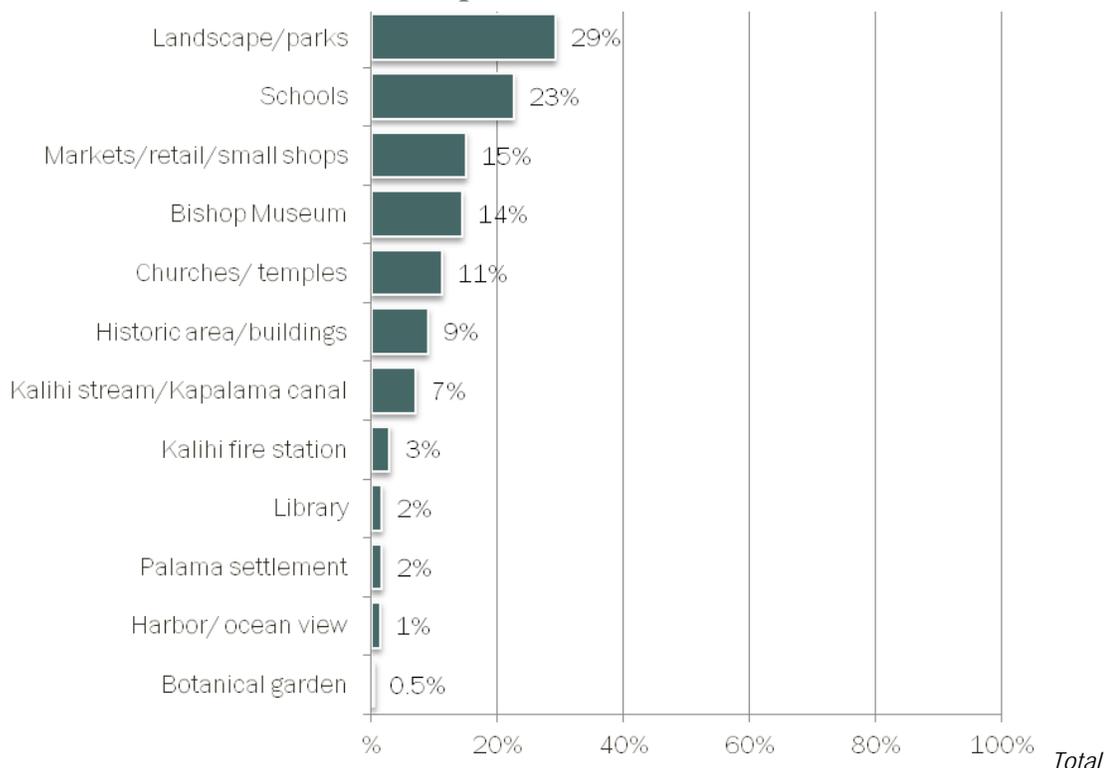
Total exceeds 100% as respondents chose three items.

Residents were asked an open ended question “What landmarks or characteristics of your neighborhood are most important to preserve?” Their responses were coded into the categories shown in Figure 9 (any responses that did not fit the categories shown in Figure 9 are included in *Appendix E: Responses to Open Ended Questions*).

The landmarks or characteristics that were most important to residents were parks and landscaping and schools. Those nearest to the proposed Middle Street Station were more likely to mention the botanical garden and churches or temples and least likely to mention parks and gardens.

Homeowners and renters had similar priorities, except that schools were more important to homeowners. Men and women also had similar priorities, except that the Kapalama canal was more important to men.

Figure 9: What landmarks or characteristics of your neighborhood are most important to preserve?



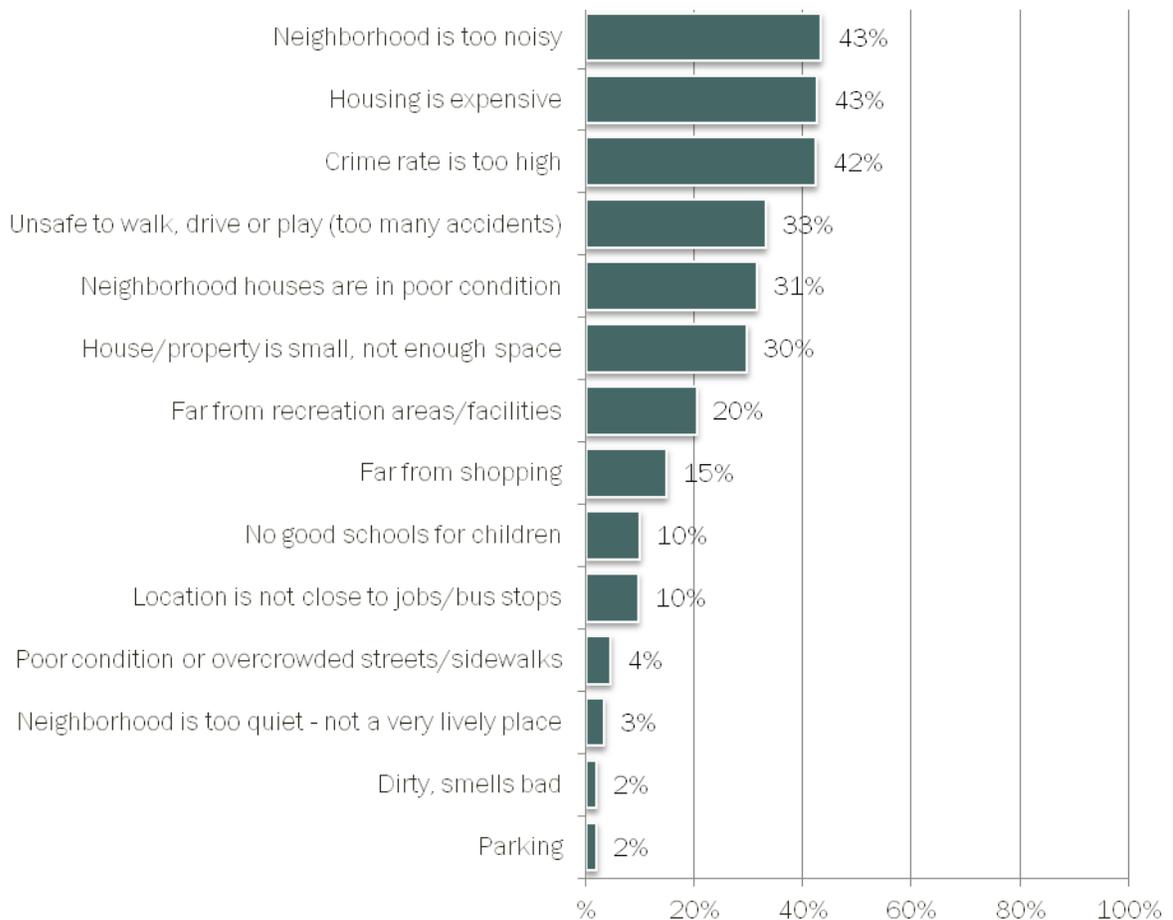
May exceed 100% as respondents could indicate more than one item.

Areas for Improvement

When asked what three things they liked least about living in their neighborhood, residents most often mentioned the noise, the cost of housing and the crime rate. Expensive housing was mentioned more often by residents who lived near the proposed Kalihi station (46%). Residents near the proposed Middle Street station were least likely to mention small houses or lots (16%) and most likely to mention houses in poor condition (51%).

Men and women did not differ in their responses. Homeowners and renters were also similar in their responses. However, renters (45%) were more likely than homeowners (37%) to think that housing cost was a problem and homeowners (38%) were more likely than renters (31%) to think that safety related to walking, driving or playing was a problem.

Figure 10: What 3 things do you like least about living in your neighborhood?

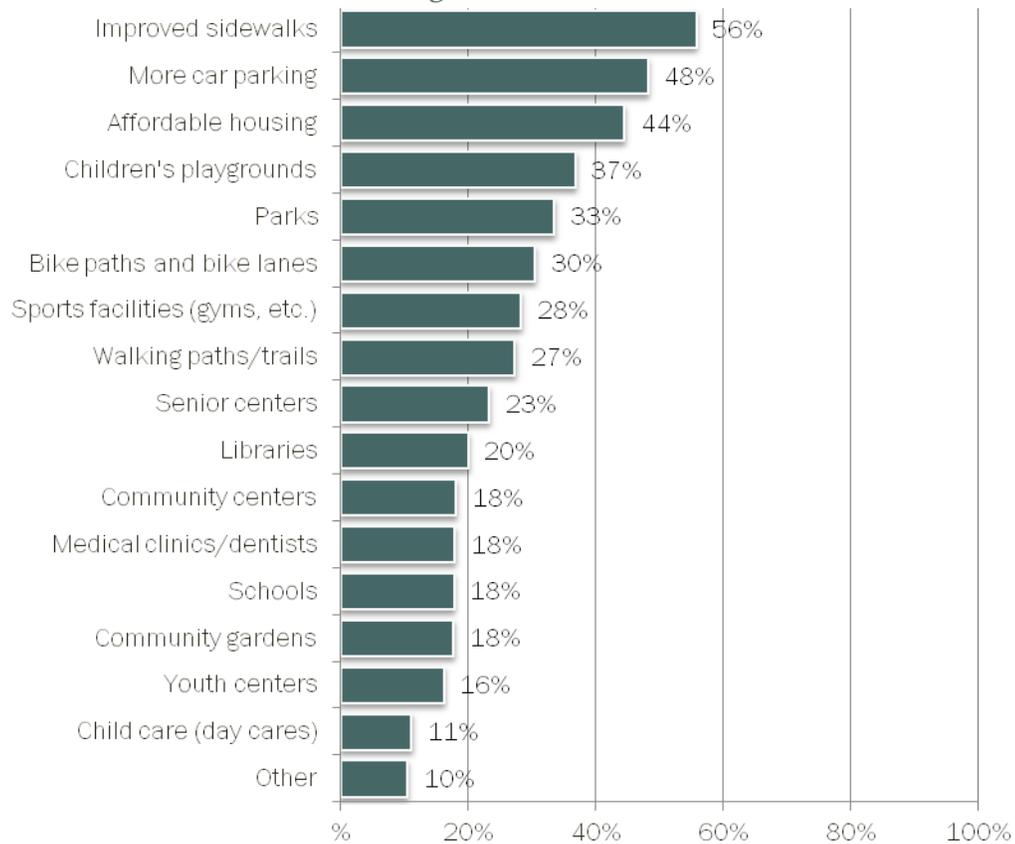


Total exceeds 100% as respondents chose three items.

If only five amenities could be built or improved in their neighborhoods, residents most often said they would prioritize sidewalks, car parking, affordable housing, children’s playgrounds and parks. Child care, youth centers, schools, community gardens, medical clinics/dentists and community centers were the lowest priorities. The lower priority for libraries, schools and medical clinics/dentists is likely related to their high prevalence in the neighborhoods and good ratings for quality (see Figure 6 and Figure 7). Priorities were similar across the three station areas. Although, sidewalks were mentioned most often near Middle Street station (65%) and Kalihi station (59%) and least near Kapalama station (48%).

Priorities also were similar for men and women, except men cared more about increasing car parking, bike paths and lanes and affordable housing, and women more often mentioned walking paths and children’s playgrounds. Homeowners and renters differed in a few areas as well. Homeowners mentioned improving sidewalks and senior centers more often than renters, and renters mentioned children’s playgrounds and affordable housing more often than homeowners.

Figure 11: Which 5 amenities would you most like to see built or improved in your neighborhood?

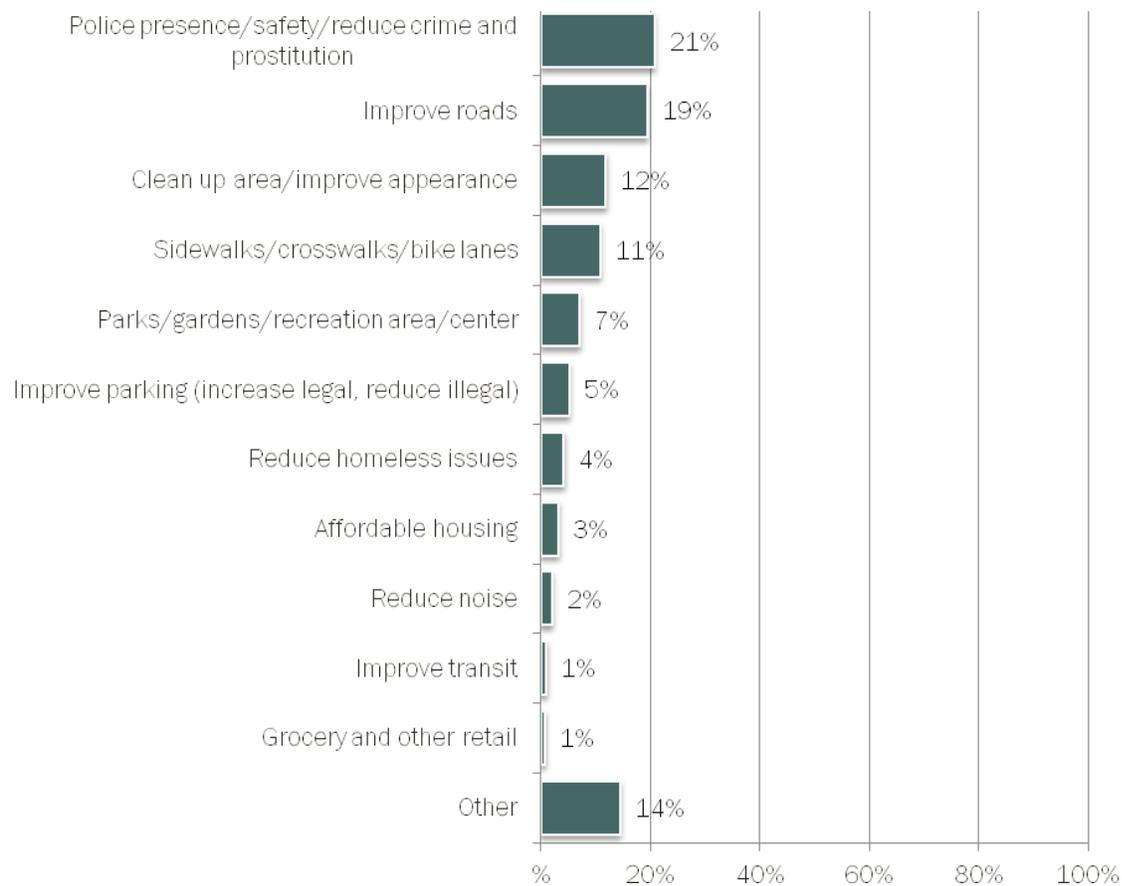


Total exceeds 100% as respondents chose five items.

Residents were asked an open ended question “If there was one thing you could do to improve your neighborhood what would it be?” and their responses were coded into categories (any responses that did not fit the categories shown in Figure 12 are included in *Appendix E: Responses to Open Ended Questions*).

On the whole there was not one clear priority for improving one thing in the Kalihi neighborhood. The two most mentioned tasks were reducing crime (21%) and improving roads (19%). About 1 in 10 residents also wanted to see the neighborhood cleaned up (12%) and sidewalks, crosswalks or bike lanes improved (11%). These priorities were similar across station area, gender and tenure.

Figure 12: If there was one thing you could do to improve your neighborhood what would it be?

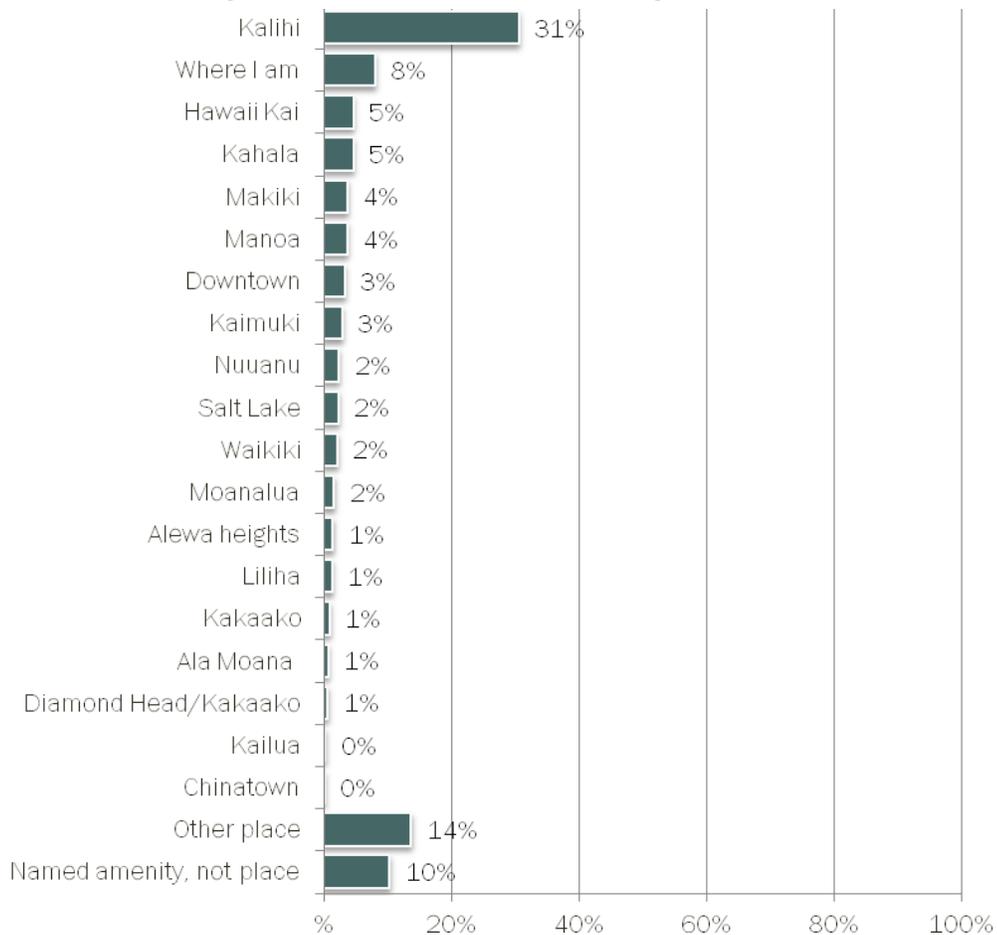


Thoughts about Relocation

Residents were asked another open ended question to assess what they value in a neighborhood: “What neighborhood in Honolulu would you most like to live in and why?” Their responses were coded into the categories shown in Figure 13 and Figure 14 (verbatim responses that were coded as “other” are included in *Appendix E: Responses to Open Ended Questions*).

Residents most often said that they would like to remain in the Kalihi area (39%). Those who would move offered a wide selection of areas. These preferences were similar across station area, gender and tenure.

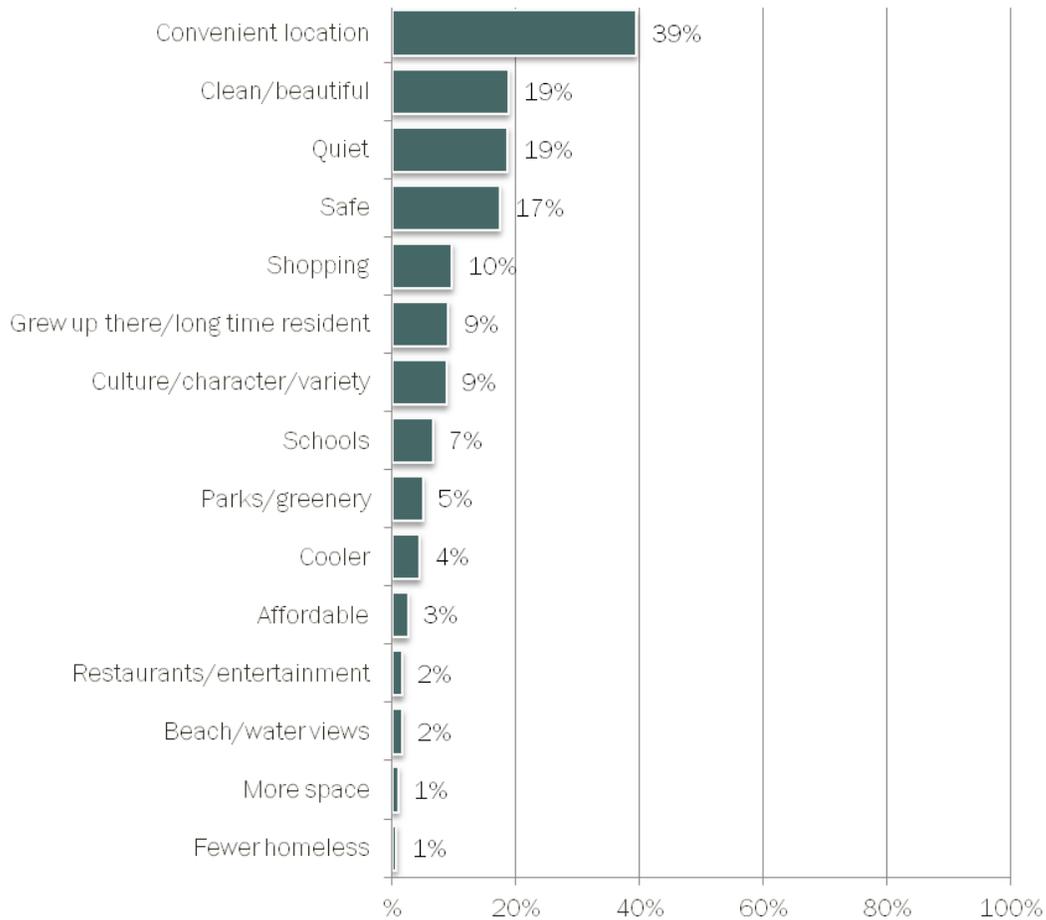
Figure 13: What neighborhood in Honolulu would you most like to live in?



The top reason for choosing a location was convenience. Residents were also interested in clean, quiet and safe neighborhoods. Priorities were somewhat similar across the three station areas. The top three priorities for those living near each proposed station were:

- Kapalama: convenient location (40%), clean attractive area (26%) and quiet (21%).
- Kalihi: convenient location (39%), quiet (18%) and safe (16%).
- Middle Street: clean attractive area (39%), convenient location (34%) and safe (25%).

Figure 14: What neighborhood in Honolulu would you most like to live in and why?



About 2 in 10 residents had plans to move to a new home in the next two years; 26% of renters and 10% of homeowners, 26% of men and 19% of women. This did not vary by which proposed rail station they lived closest to. Most people who intended to move were planning to go to another area of Honolulu.

Figure 15: Do you plan to move from your current home in the next two years?

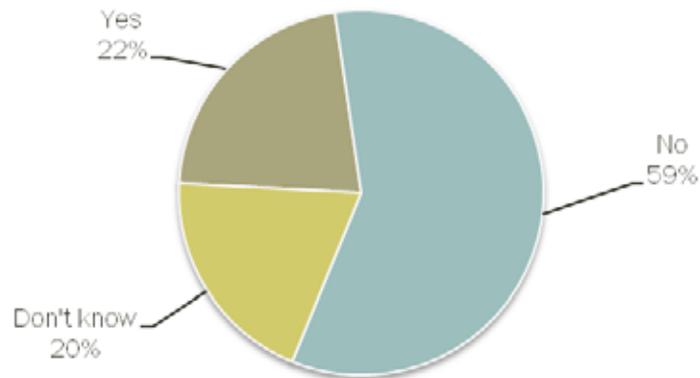
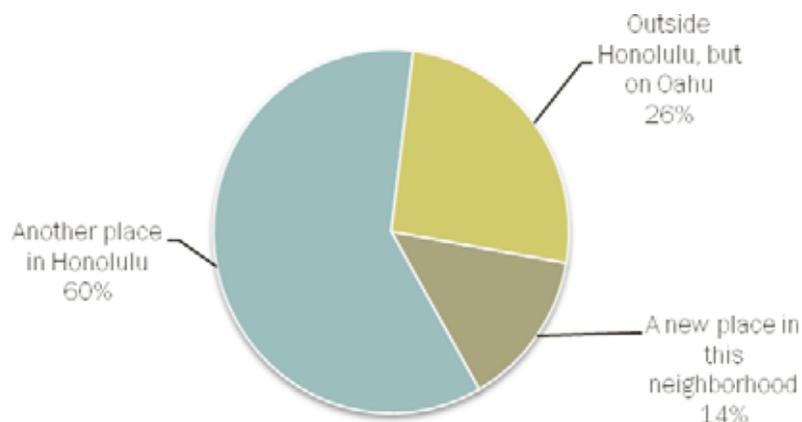


Figure 16: If yes, where will you move?

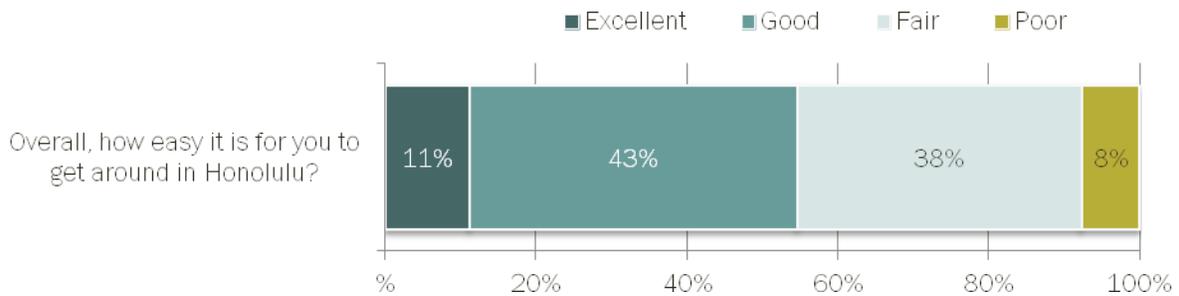


Neighborhood Mobility

Overall, 54% of residents rated the ease of getting around Honolulu as excellent or good. Residents who lived closest to the proposed Kapalama station had better ratings (61% excellent or good) than the residents near the proposed Kalihi and Middle Street stations. Ratings for the overall ease of getting around Honolulu did not vary by gender or tenure (those who rented their homes compared to those who owned).

As shown in the next few pages, ratings of the ease of travel varied by mode. Public transit received the best ratings. Walking and biking were rated as excellent or good by fewer than half of residents living near the three proposed neighborhood stations.

Figure 17: Overall ease of getting around Honolulu

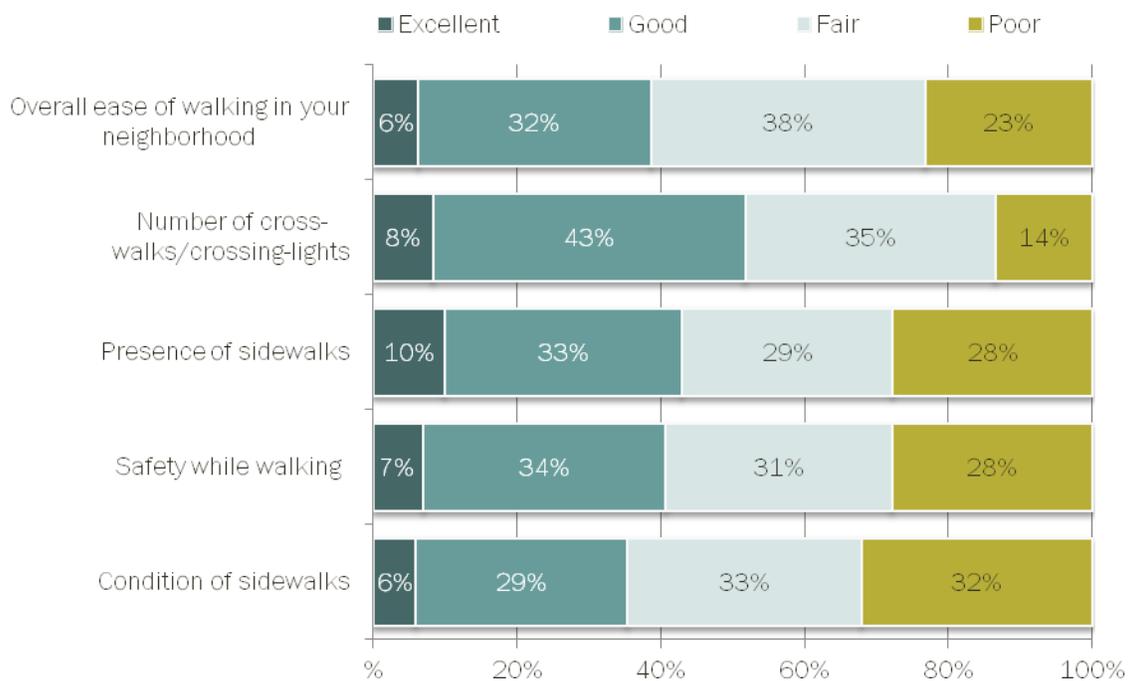


Overall, the ease of walking in the Kalihi neighborhood was rated as excellent or good by under half of residents (38%). Residents living near the proposed Middle Street station gave lower ratings (23% excellent or good) than those near the other two stations. Men (42% excellent or good) also gave better overall ratings than women (35% excellent or good).

The number of crossing lights was rated as excellent or good by about half the residents. This was the best rated aspect of walking. About one-third of residents rated the number and condition of sidewalks as well as safety while walking as poor.

This varied by where the residents lived. Those who lived closest to the proposed Kapalama station gave higher ratings for most aspects of walking than those who lived closer to the proposed Kalihi and Middle Street stations.

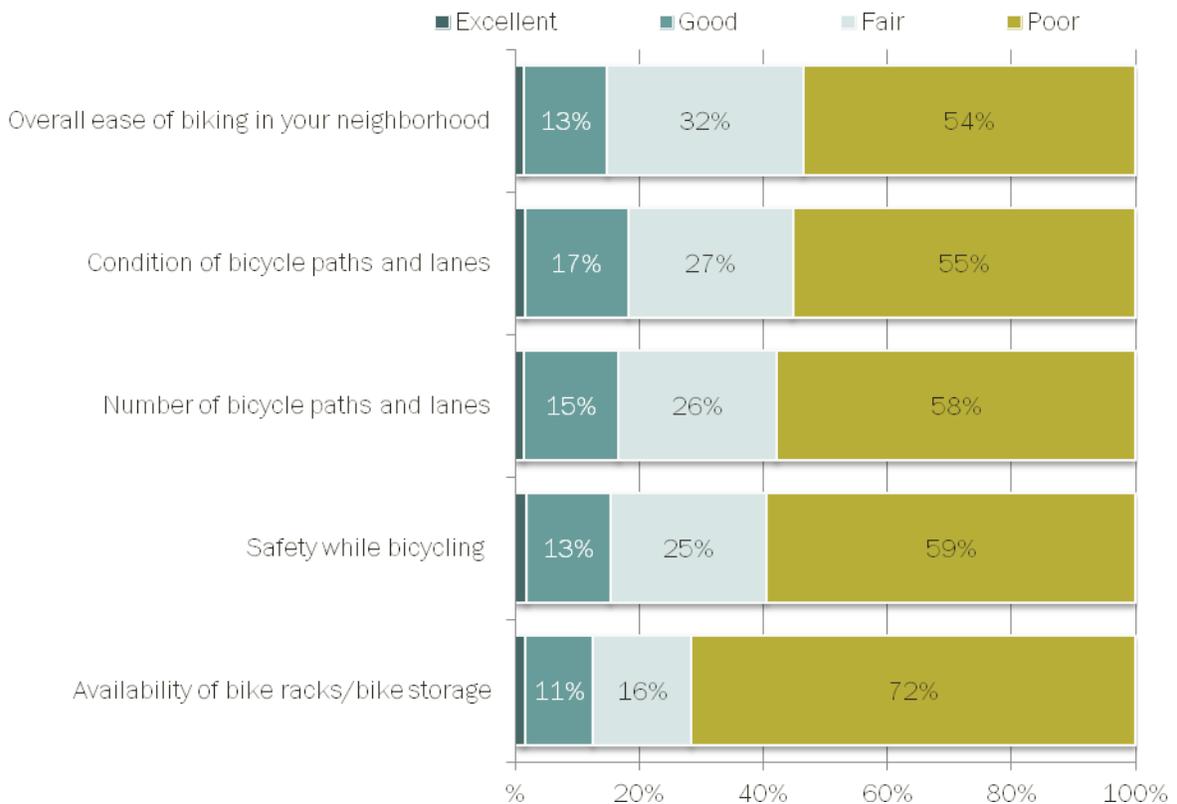
Figure 18: Walking in neighborhood



More than half of Kalihi neighborhood residents rated the ease of biking in their neighborhood as poor. They gave the lowest ratings to the availability of bike racks and storage, but only 20% or fewer rated any aspect of biking in Kalihi as excellent or good.

Ratings for all aspects of biking did not vary by station area, gender or tenure.

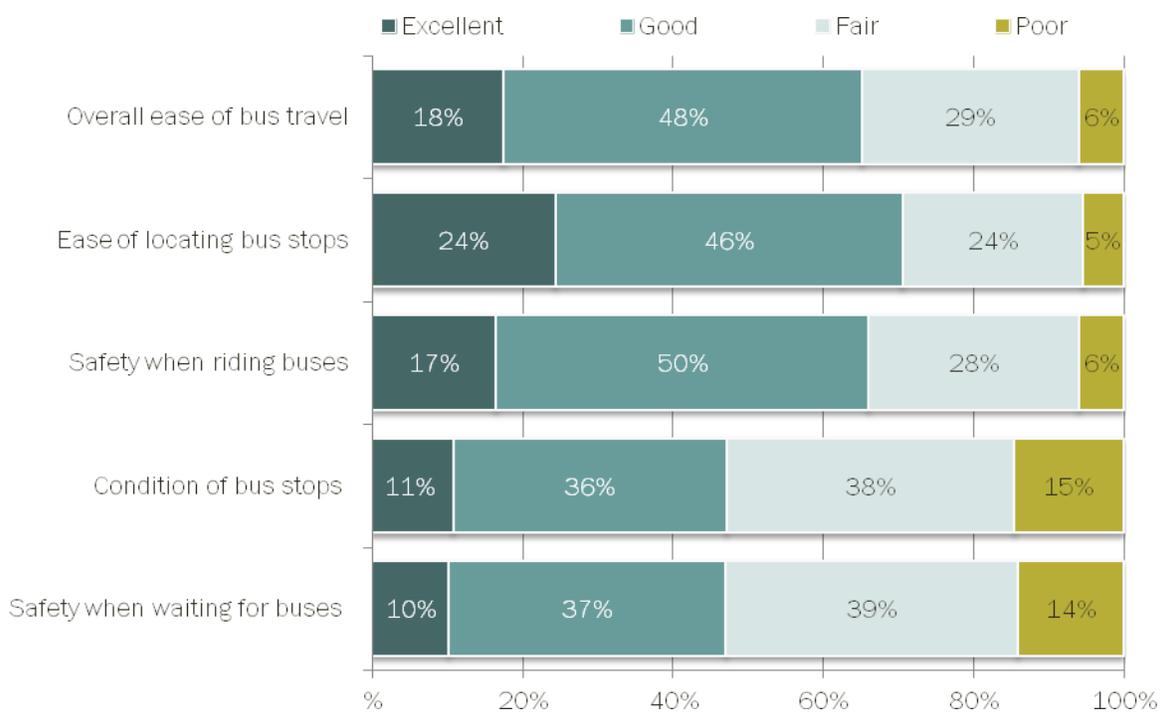
Figure 19: Biking in neighborhood



Ratings for public transportation in the Kalihi neighborhood were generally quite good. Most residents near proposed transit stations thought the overall ease of bus travel was excellent (18%) or good (48%). Most found it easy enough to locate bus stops and they felt safe riding buses. They were less positive about the condition of the bus stops and their safety while waiting for buses, with just under 50% saying these were excellent or good.

Ratings for these aspects of public transit did not vary by station area, gender or tenure.

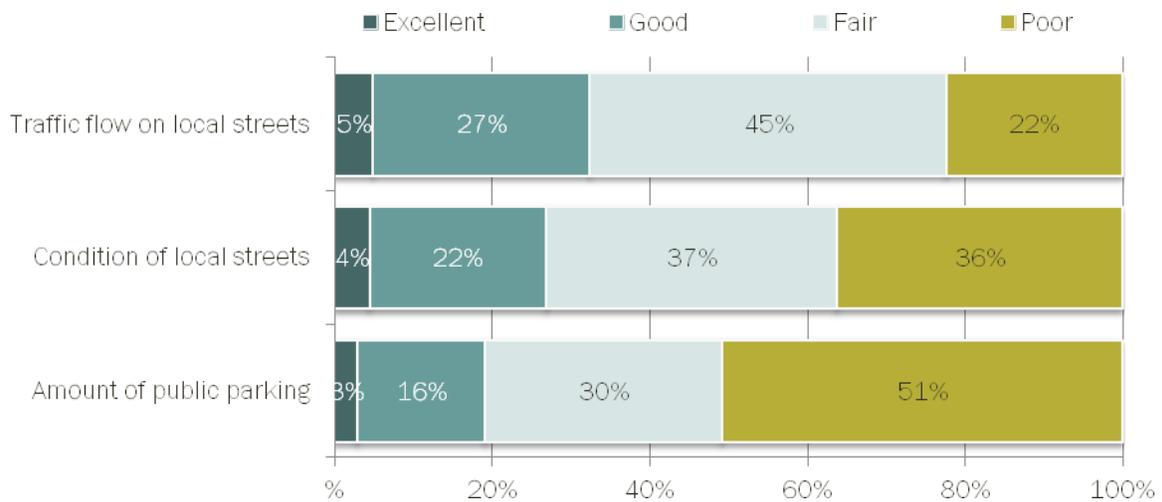
Figure 20: Public transit in neighborhood



Only about a quarter of residents living near the rail stations proposed for the Kalihi neighborhood rated the condition of their local streets as excellent or good, while about a third rated the traffic flow on those streets as excellent or good. About 20% rated the amount of public parking as excellent or good.

While ratings for the condition of local streets did not vary by station area, those who lived near the proposed Kapalama station were more likely to give excellent or good ratings (24%) to the amount of public parking than those near the proposed Kalihi station (17%).

Figure 21: Streets in neighborhood



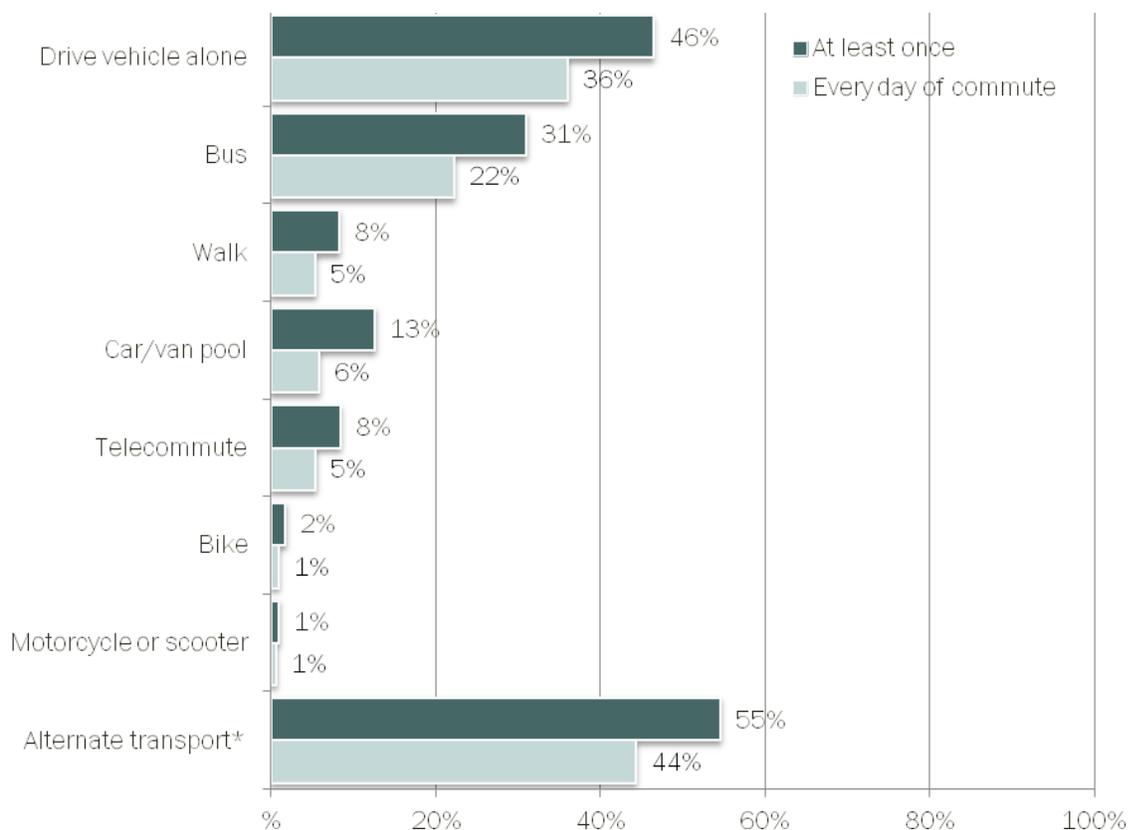
Travel Patterns

Over half (55%) of Kalihi residents had used an alternative form of transportation (bused, walked, biked, carpoled, or worked from home) at least once in the week prior to the survey, and 44% had used alternative transportation modes for every day they worked or went to school. Only 36% drove alone to work or school every day, and 46% drove alone at least one day per week.

This did not vary much by station area, but those near the proposed Kapalama station (44%) were more likely than those near the proposed Kalihi station (37%) to have driven alone to work or school every day they commuted in the prior week. Those near the proposed Kalihi station (62% at least once and 51% every day) were more likely to have used alternate transportation than those near the proposed Kapalama station (55% at least once and 44% every day).

Travel modes also varied by tenure and gender. Homeowners were more likely to drive alone (47% compared to 36% of renters) and renters were more likely to use alternate modes (52% compared to 42% of homeowners) for every day of their commute in the prior week. Women were more likely than men to bus or car pool, and men were more likely to drive alone.

Figure 22: Commuted by travel mode in prior week (if worked or attended school)



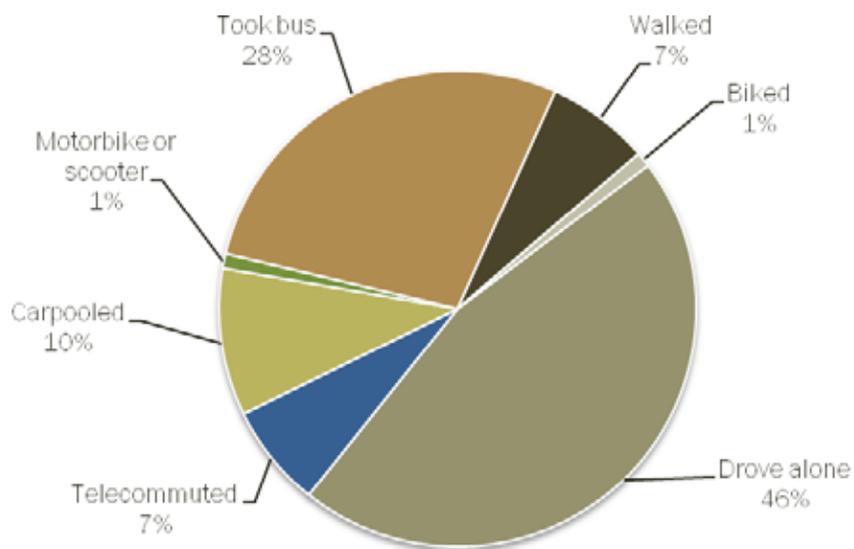
*Alternate transportation= bus, walk, bike, car or vanpool or telecommute. Total may exceed 100% as respondents could use more than one mode.

The overall commute mode share was calculated by adding up all the days that respondents said they went to work or school in the week before the survey and apportioning each day to its commute mode. If a respondent commuted one day in the prior week, they contributed 1 day to the total, if they commuted 7 days, they contribute 7 days to the total.

Driving alone was the most frequently used mode of transportation, representing 46% of trips. Still many trips were taken by bus (28%), and, for 10% of trips, residents carpooled.

The mode share calculations reinforce that residents near the proposed Kapalama station (51% of all trips) were more likely to drive alone than those near the proposed Kalihi stations (43%). Owners (51%) drove alone for more trips than renters (44%) and men (53%) drove alone for more trips than women (35%). Women took the bus (35%) more often than men (21%).

Figure 23: Overall commute mode share



Overall, 14% of residents near the proposed rail stations did not own cars and 71% did not have adult bikes. This did not vary by station, but renters (16%) were more likely to not own a car than homeowners (7%).

Forty-two percent of households in Kalihi had children. Only 34% of households with children had children’s bikes (compared to 3% of households without children). Households with children were also more likely to have cars and adult bikes.

Table 1: Number of vehicles and bikes in household

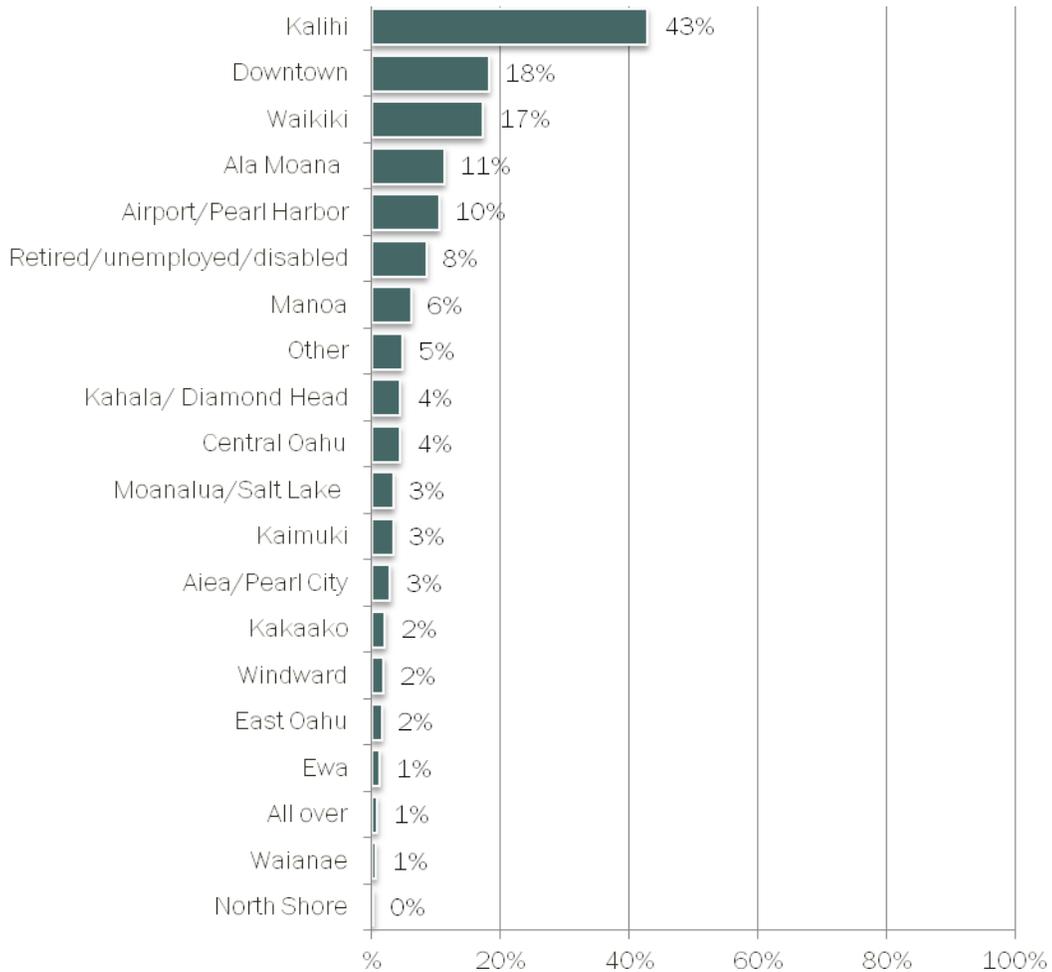
	Vehicles	Adult bikes	Children's bikes
None	14%	71%	83%
1	44%	17%	9%
2	27%	9%	5%
3 or more	16%	3%	2%

Table 2: Number of vehicles and bikes in households with children

	Vehicles	Adult bikes	Children's bikes
None	10%	67%	66%
1	37%	18%	18%
2	33%	11%	11%
3 or more	21%	4%	4%

Overall, the most common work or school location for residents within the half mile of the three proposed Kalihi stations was Kalihi (43%). This did not vary by which proposed Kalihi station was nearest to their home or by gender. However homeowners were less likely to live and work in Kalihi (38%) than were renters (45%).

Figure 24: Location of work or school



Total may exceed 100% as respondents could work at more than one location.

Almost all respondents were aware that the City and County of Honolulu is planning to build a rail transit line. This did not vary by location, gender or tenure.

Just over half the residents (53%) said they were somewhat or very likely to use the new rail line to go to work and 57% were somewhat or very likely to use it to go shopping. Those who lived near the proposed Middle Street station were less likely to use the new rail system than those near the other two proposed stations. Renters were more likely than owners to use the new rail line and men were more likely than women.

Figure 25: Before receiving this survey, were you aware that the City and County of Honolulu is planning to build a rail transit line?

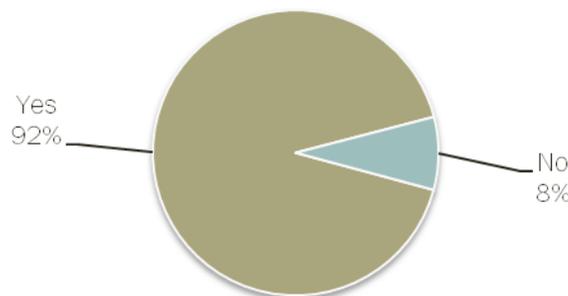
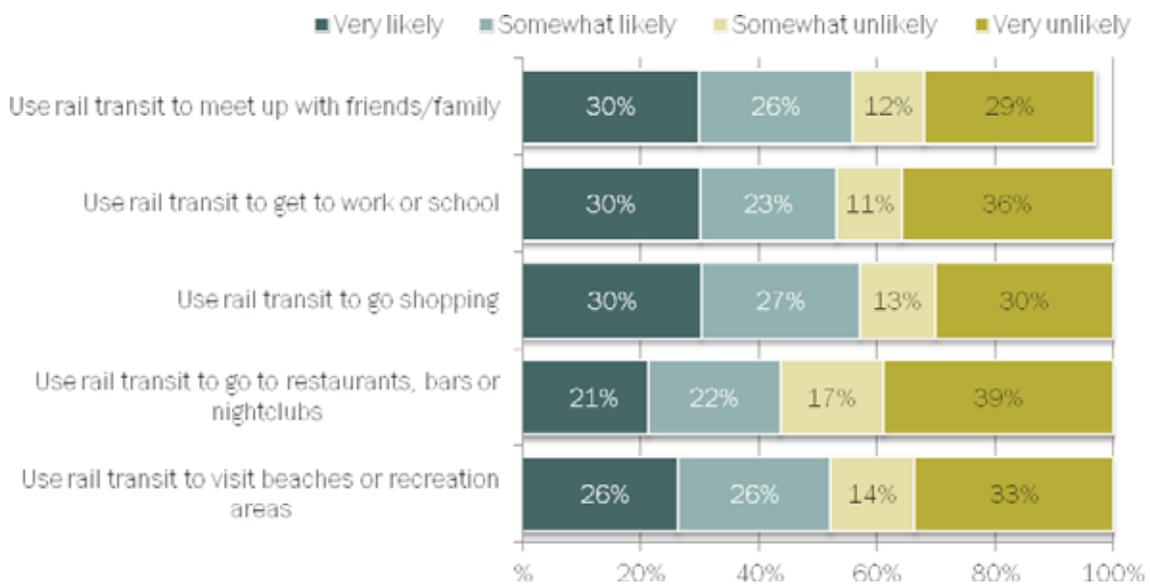


Figure 26: Once it is built, how likely or unlikely will you or someone in your household be to use rail transit for the following trips?



Residents who used alternate modes (bus, walking, biking, carpooling and telecommuting) more often than they drove alone in the week prior to the survey were more likely to say they would use the rail than residents who had typically driven to work or school in the prior week. However, about half of the residents who had driven to work or school in the prior week (more often than they had used other travel modes) said they were very or somewhat likely to use the rail line to commute or for shopping and social trips.

Likelihood of Using New Rail Line by Typical Commute Mode in Week Prior to Survey

Reason for rail line trip	Commute mode used most often in prior week	Very likely	Somewhat likely	Somewhat unlikely	Very unlikely
Use rail transit to get to work or school	Drove alone	24%	25%	10%	41%
	Alternate mode	38%	21%	12%	29%
Use rail transit to go shopping	Drove alone	24%	29%	13%	34%
	Alternate mode	38%	24%	13%	25%
Use rail transit to go to restaurants, bars or nightclubs	Drove alone	18%	23%	18%	41%
	Alternate mode	26%	22%	17%	36%
Use rail transit to visit beaches or recreation areas	Drove alone	22%	27%	15%	36%
	Alternate mode	32%	24%	13%	31%
Use rail transit to meet up with friends/family	Drove alone	25%	25%	17%	33%
	Alternate mode	35%	27%	13%	25%

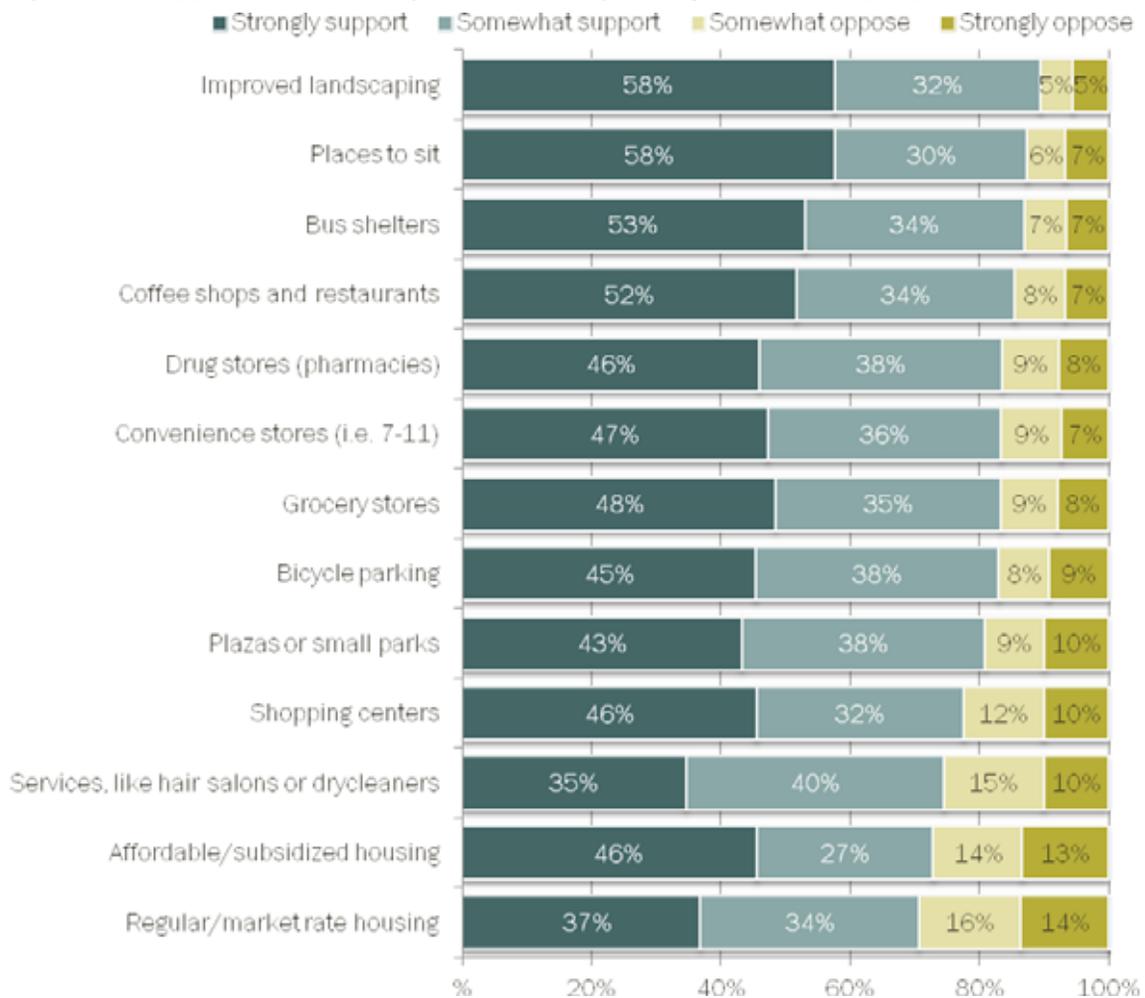
Note: Typical commute mode was the travel mode used most often to get to work or school in the week prior to the survey. Alternate modes are bus, walking, biking, carpooling and telecommuting.

Development Opportunities

When residents were asked which of a list of amenities they would support (or oppose) being built near the new station that was closest to them, most supported every amenity listed. Strongest support was for improved landscaping and places to sit and weakest was for affordable/subsidized or market rate housing. Still, 70% or more of residents supported new housing.

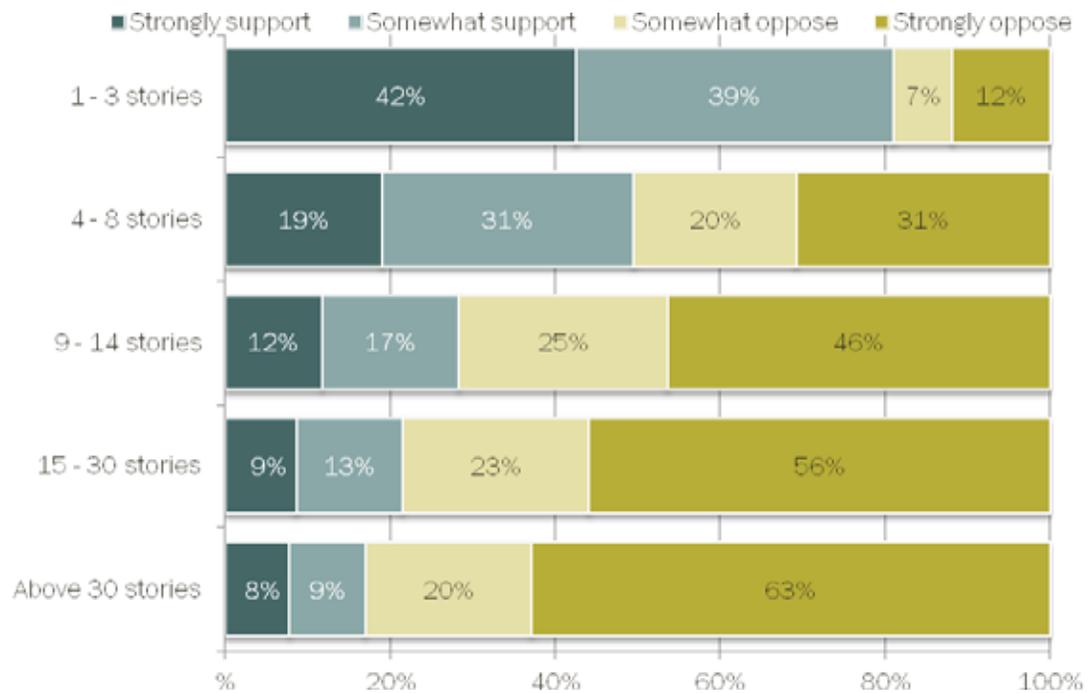
These preferences did not vary by which proposed station area was closest to respondents' homes. Renters were more likely than homeowners to support building new market rate or affordable housing and new drug stores. Men were more likely than women to support building affordable housing, shopping centers, bicycle parking, and plazas or small parks.

Figure 27: Support for building the following near your closest proposed rail station



A majority of residents somewhat or strongly supported heights of building that were 1-3 stories tall (81% supported), and half supported 4-8 stories. However, a majority somewhat or strongly opposed building heights of 9-14 stories (71% opposed), 15-30 stories (79% opposed) or above 30 stories (83% opposed). This was similar across station areas. Homeowners were less supportive than renters of higher building heights and women were less supportive than men.

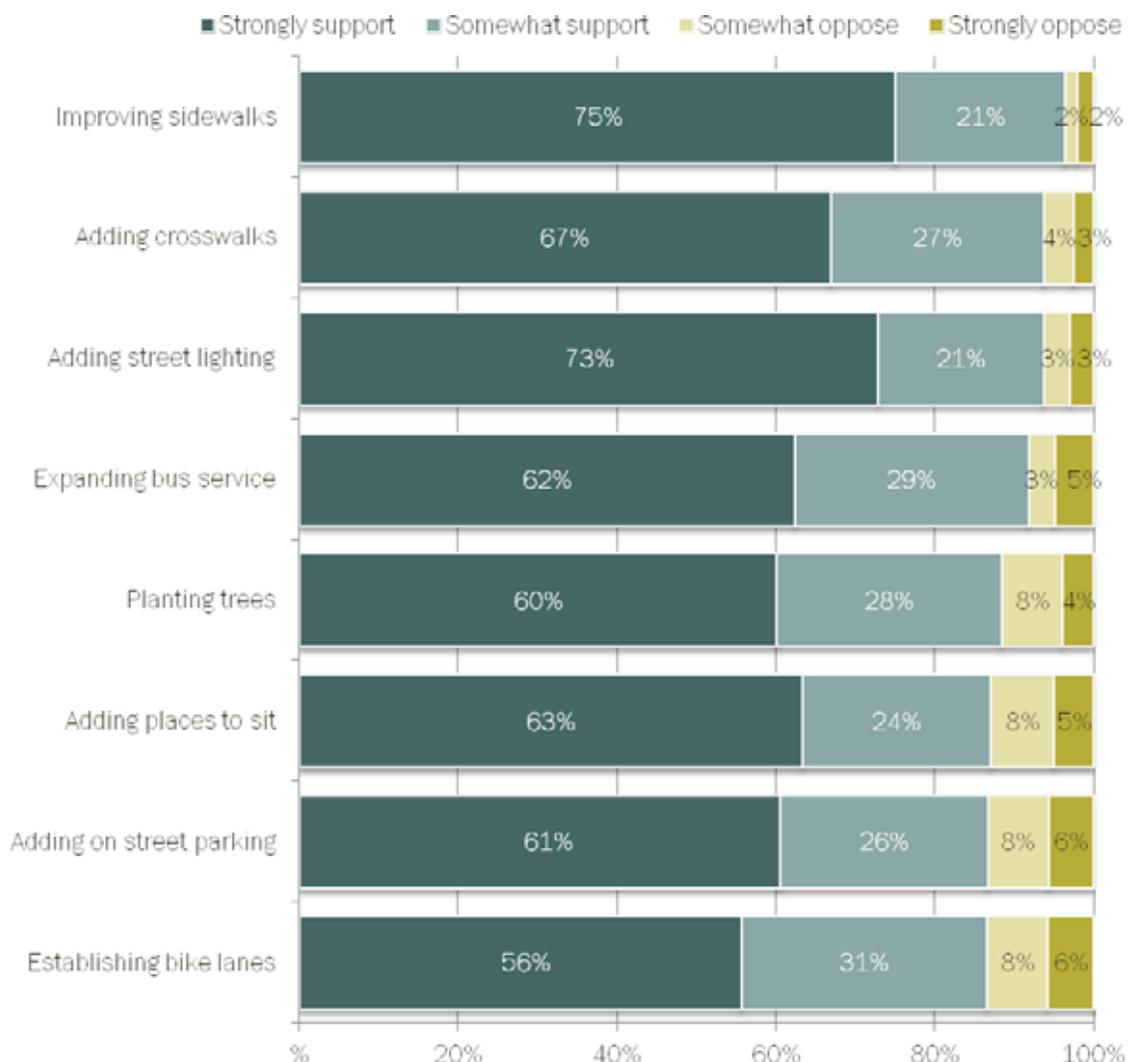
Figure 28: Support for the following building heights for new residential or commercial buildings near your closest proposed rail station(s)



There was little opposition to improving major Kalihi neighborhood streetscapes or adding bus service. The greatest opposition (only 14% opposed) was to adding on-street parking or establishing bike lanes.

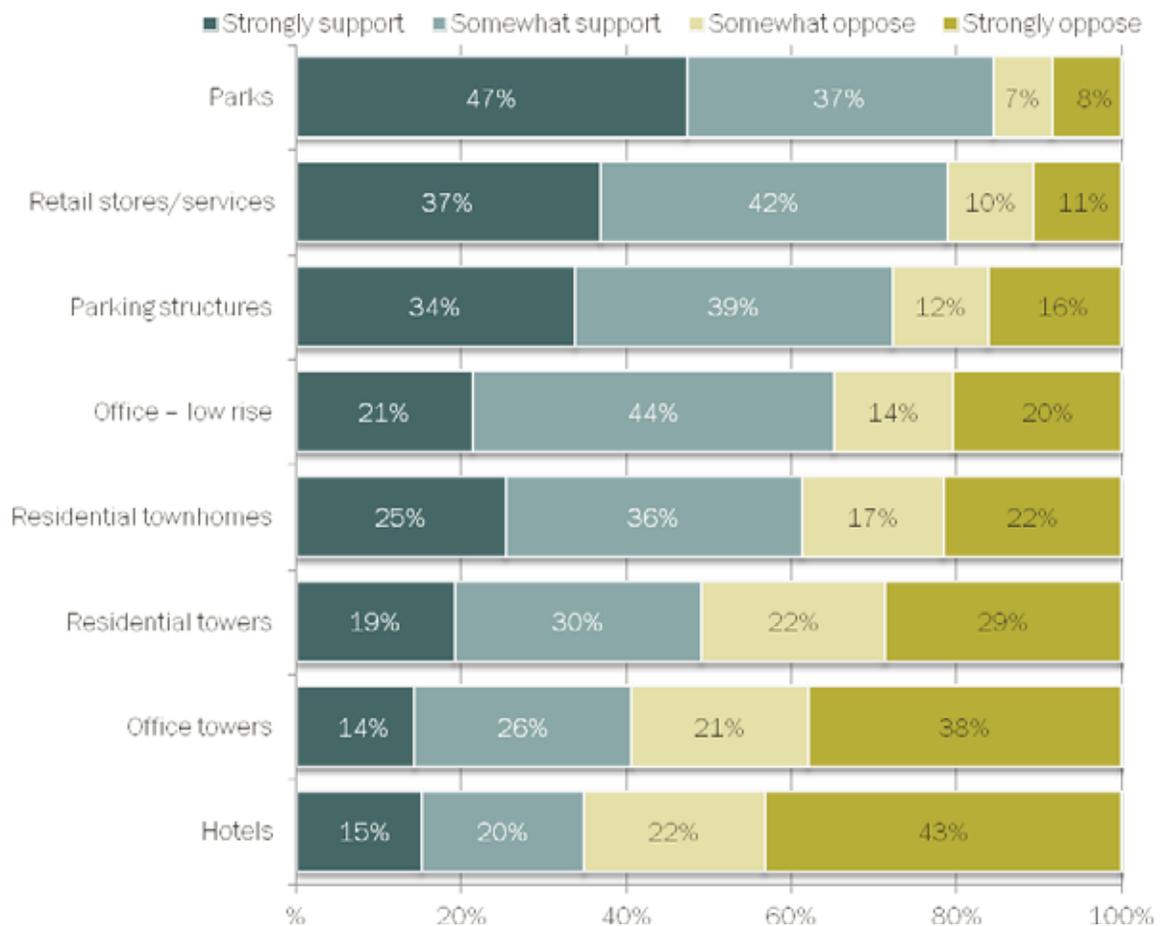
Those living near the proposed Kalihi station were more likely to support bike lanes than those near Kapalama. Renters were more supportive than homeowners of adding on-street parking. Men had similar responses to women.

Figure 29: Support for improvements to Dillingham Boulevard and other major streets in Kalihi



Most residents did not want to see hotels (65%), office towers (59%) or residential towers (51%) built along Kapalama Canal. They were most supportive of parks, retail stores and services, or parking structures. This did not vary by station area. Renters were generally more supportive of all types of buildings than owners, but a majority of renters still opposed hotels or office towers being built. Men and women generally had similar answers, but more women than men were opposed to hotels or office towers being built.

Figure 30: Support or opposition to development along Kapalama Canal



Appendix A: Survey Results

The 95 percent confidence level for the survey is generally no greater than plus or minus three percentage points around any given percent reported for the entire sample (1,100). 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 5 and 6 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.

Q1					
Please rate each of the following characteristics of your neighborhood.	Excellent	Good	Fair	Poor	Don't know
Presence of sidewalks	10%	33%	29%	28%	1%
Condition of sidewalks	6%	29%	32%	32%	1%
Number of cross-walks/crossing-lights	8%	43%	34%	13%	2%
Safety while walking	7%	34%	31%	28%	0%
Overall ease of walking in your neighborhood	6%	32%	38%	23%	1%
Number of bicycle paths and lanes	1%	13%	21%	48%	17%
Condition of bicycle paths and lanes	1%	13%	21%	44%	20%
Availability of bike racks/bike storage	1%	8%	12%	54%	24%
Safety while bicycling	2%	11%	21%	49%	17%
Overall ease of biking in your neighborhood	1%	11%	27%	45%	16%
Ease of locating bus stops	24%	46%	24%	5%	1%
Condition of bus stops	11%	36%	38%	14%	1%
Safety when waiting for buses	10%	36%	37%	14%	4%
Safety when riding buses	16%	47%	26%	6%	5%
Overall ease of bus travel	17%	45%	27%	6%	5%
Condition of local streets	4%	22%	37%	36%	1%
Traffic flow on local streets	5%	27%	45%	22%	1%
Amount of public parking	3%	15%	28%	47%	7%
Overall, how easy it is for you to get around in Honolulu?	11%	43%	37%	8%	1%

Q2 How often does any member of your household use neighborhood parks?	
Almost daily	11%
A few times a week	14%
A few times a month	19%
Once a month or less	24%
Never	32%

Q3 Please rate the quality of the parks in your neighborhood for the following:					
	Excellent	Good	Fair	Poor	Don't know
Quality of parks for playing sports	5%	25%	34%	22%	13%
Quality of parks for exercising	3%	19%	35%	29%	14%
Quality of park playgrounds for children	3%	16%	30%	38%	14%
Quality of parks for picnicking or hanging out	2%	14%	26%	42%	15%

Q4 How safe do you feel in your neighborhood parks?					
	Very safe	Somewhat safe	Somewhat unsafe	Very unsafe	Not applicable
In parks during the day	13%	48%	21%	10%	9%
In parks at night	4%	16%	31%	38%	11%
In parks, when homeless people are present	2%	8%	26%	51%	13%

Q5a We'd like to know if you have the following businesses in your neighborhood?	
Restaurants	90%
Bars or night clubs	64%
Coffee shops	69%
Beauty salons (hair, nails, barbers)	89%
Family entertainment (theaters, etc.)	24%
Grocery stores	90%
Drug stores (pharmacies)	73%
Convenience stores, (i.e. 7-11)	92%
Laundry/dry cleaners	62%

Q5b					
If you have the following businesses in your neighborhood, how you would rate them overall. Are they excellent, good, fair or poor?	Excellent	Good	Fair	Poor	Don't know
Restaurants	12%	52%	29%	3%	5%
Bars or night clubs	3%	18%	28%	14%	38%
Coffee shops	10%	39%	30%	4%	17%
Beauty salons (hair, nails, barbers)	10%	40%	31%	4%	16%
Family entertainment (theaters, etc.)	9%	26%	18%	10%	37%
Grocery stores	23%	47%	23%	3%	3%
Drug stores (pharmacies)	23%	46%	18%	3%	10%
Convenience stores, (i.e. 7-11)	21%	52%	21%	2%	3%
Laundry/dry cleaners	10%	26%	25%	14%	26%

Q6a	
We'd like to know if you have the following resources in your neighborhood.	
Libraries	67%
Schools	98%
Child care (day cares)	50%
Youth centers	52%
Community centers	58%
Senior centers	40%
Medical clinics/dentists	82%
Affordable housing	65%

Q6b					
If you have the following resources in your neighborhood, how you would rate them overall. Are they excellent, good, fair or poor?	Excellent	Good	Fair	Poor	Don't know
Libraries	19%	43%	19%	4%	15%
Schools	17%	45%	23%	7%	9%
Child care (day cares)	8%	26%	18%	5%	43%
Youth centers	10%	26%	22%	5%	37%
Community centers	10%	30%	21%	6%	33%
Senior centers	7%	24%	17%	6%	46%
Medical clinics/dentists	14%	40%	23%	4%	19%

Q6b					
If you have the following resources in your neighborhood, how you would rate them overall. Are they excellent, good, fair or poor?					
	Excellent	Good	Fair	Poor	Don't know
Affordable housing	7%	23%	25%	22%	24%

Q7 Like Most	
What 3 things do you like most about living in your neighborhood?	
Location is close to jobs/bus stops	81%
Close to shopping	57%
Housing is affordable	31%
Good schools for children	29%
House/property is good size for my household	21%
Neighborhood is quiet	21%
Safe to walk, drive or play (few accidents)	17%
Close to recreation areas/facilities	13%
Lively community/interaction with neighbors	13%
Crime rate is low	12%
Neighborhood houses are in good condition	11%
Restaurants/bars	1%
Location/access in general	0%

Q7 Like Least	
What 3 things do you like least about living in your neighborhood?	
Neighborhood is too noisy	43%
Housing is expensive	43%
Crime rate is too high	42%
Unsafe to walk, drive or play (too many accidents)	33%
Neighborhood houses are in poor condition	31%
House/property is small, not enough space	30%
Far from recreation areas/facilities	20%
Far from shopping	15%
No good schools for children	10%
Location is not close to jobs/bus stops	10%
Poor condition or overcrowded streets/sidewalks	4%
Neighborhood is too quiet - not a very lively place	3%

Q7 Like Least	
Dirty, smells bad	2%
Parking	2%
Homeless	0%

Q8 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?	
Improved sidewalks	56%
More car parking	48%
Affordable housing	44%
Children’s playgrounds	37%
Parks	33%
Bike paths and bike lanes	30%
Sports facilities (gyms, etc.)	28%
Walking paths/trails	27%
Senior centers	23%
Libraries	20%
Community centers	18%
Medical clinics/dentists	18%
Schools	18%
Community gardens	18%
Youth centers	16%
Child care (day cares)	11%
Other	10%

Q9 If there was one thing you could do to improve your neighborhood what would it be?	
Police presence/safety/reduce crime and prostitution	20.7%
Improve roads	19.3%
Other	14.4%
Clean up area/improve appearance	11.8%
Sidewalks/crosswalks/bike lanes	10.8%
Parks/gardens/recreation area/center	7.0%
Improve parking (increase legal, reduce illegal)	5.1%

Q9	
Reduce homeless issues	4.1%
Affordable housing	3.2%
Reduce noise	2.0%
Improve transit	.9%
Grocery and other retail	.7%

Q10 What landmarks or characteristics of your neighborhood are most important to preserve?	
Landscape/parks	29.1%
Schools	22.5%
Markets/retail/small shops	15.0%
Bishop Museum	14.3%
Churches/ temples	11.2%
Historic area/buildings	8.9%
Kalihi stream/Kapalama canal	7.0%
Kalihi Fire station	2.9%
Palama settlement	1.6%
Library	1.6%
Harbor/ ocean view	1.4%
Botanical garden	.5%

Q11a What neighborhood in Honolulu would you most like to live in and why?	
Kalihi	31%
Other place	14%
Named amenity, not place	10%
Where I am	8%
Kahala	5%
Hawaii Kai	5%
Manoa	4%
Makiki	4%
Kaimuki	3%
Downtown	3%
Moanalua	2%
Waikiki	2%
Salt Lake	2%
Nuuanu	2%
Diamond Head/Kakaako	1%
Ala Moana	1%
Kakaako	1%
Liliha	1%
Alewa heights	1%
Kukui	0%
Chinatown	0%
Kailua	0%

Q11b What neighborhood in Honolulu would you most like to live in and why?	
Convenient location	39%
Quiet	19%
Clean/ beautiful	19%
Safe	17%
Shopping	10%
Culture/character/ variety	9%
Grew up there/long time resident	9%
Schools	7%
Parks/greenery	5%
Cooler	4%
Affordable	3%
Beach/ water views	2%
Restaurants/enertainment	2%
Fewer homeless	1%
More space	1%

Q12 Do you plan to move from your current home in the next two years?	
Yes	22%
No	59%
Don't know	20%

Q12a Where will you move?	
A new place in this neighborhood	12%
Another place in Honolulu	52%
Outside Honolulu, but on Oahu	22%
Outside Oahu	13%

Q13	
Before receiving this survey, were you aware that the City and County of Honolulu is planning to build a rail transit line?	
Yes	92%
No	8%

Q14				
At least one rail station will be within ½ mile (up to 10-minute walk) 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
Use rail transit to get to work or school	30%	23%	11%	36%
Use rail transit to go shopping	30%	27%	13%	30%
Use rail transit to go to restaurants, bars or nightclubs	21%	22%	17%	39%
Use rail transit to visit beaches or recreation areas	26%	26%	14%	33%
Use rail transit to meet up with friends/family	30%	26%	15%	29%

Q15					
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 proposed rail station(s)?	Strongly support	Somewhat support	Somewhat oppose	Strongly oppose	Don't know
Bicycle parking	38%	32%	7%	8%	16%
Plazas or small parks	38%	33%	8%	9%	13%
Bus shelters	47%	30%	6%	6%	12%
Places to sit	53%	27%	5%	6%	9%
Improved landscaping	52%	29%	5%	5%	10%
Coffee shops and restaurants	47%	31%	7%	6%	9%
Convenience stores (i.e. 7-11)	43%	33%	8%	7%	10%
Services, like hair salons or drycleaners	30%	34%	13%	9%	14%
Shopping centers	41%	29%	11%	9%	10%
Grocery stores	44%	32%	8%	7%	9%
Drug stores (pharmacies)	42%	34%	8%	7%	9%
Affordable/subsidized housing	40%	24%	12%	12%	11%
Regular/market rate housing	31%	29%	13%	12%	15%
Other	33%	14%	5%	12%	36%

Q16					
If new residential or commercial buildings are developed near your closest proposed rail station(s), how strongly would you support or oppose the following building heights?	Strongly support	Somewhat support	Somewhat oppose	Strongly oppose	Don't know
1 - 3 stories	37%	33%	6%	10%	13%
4 - 8 stories	16%	26%	17%	26%	15%
9 - 14 stories	10%	14%	21%	39%	16%
15 - 30 stories	7%	11%	19%	47%	16%
Above 30 stories	6%	8%	17%	52%	17%

Q17					
How strongly would you support or oppose the following improvements for Dillingham Boulevard and other major streets in Kalihi?	Strongly support	Somewhat support	Somewhat oppose	Strongly oppose	Don't know
Expanding bus service	59%	28%	3%	5%	6%
Establishing bike lanes	52%	29%	7%	5%	7%
Improving sidewalks	71%	20%	1%	2%	5%
Adding street lighting	69%	20%	3%	3%	5%
Planting trees	56%	26%	7%	4%	7%
Adding crosswalks	63%	25%	3%	2%	6%
Adding on street parking	56%	24%	7%	5%	7%
Adding places to sit	59%	22%	7%	5%	7%

Q18					
How strongly would you support or oppose the following types of new development along Kapalama Canal?	Strongly support	Somewhat support	Somewhat oppose	Strongly oppose	Don't know
Residential towers	17%	26%	19%	25%	13%
Residential townhomes	22%	32%	15%	19%	12%
Parks	43%	34%	7%	8%	8%
Retail stores/services	34%	38%	10%	10%	9%
Hotels	13%	17%	19%	38%	13%
Office towers	13%	23%	19%	33%	12%
Office – low rise	19%	38%	13%	18%	13%
Parking structures	31%	35%	10%	15%	9%

Q19					
If new residential or commercial buildings are developed near your closest proposed rail station(s), how strongly would you support or oppose the following building heights?					
	Less than 1 year	1-4 years	5-9 years	10-19 years	20 or more years
In this house/apartment	7%	24%	21%	25%	24%
In this neighborhood	3%	14%	22%	26%	36%
In Honolulu	0%	6%	13%	23%	58%

Q20 Where is your work or school located?	
Kalihi	43%
Downtown	18%
Waikiki	17%
Ala Moana	11%
Airport/Pearl Harbor	10%
Retired/unemployed/disabled	8%
Manoa	6%
Other	5%
Kahala/ Diamond Head	4%
Central Oahu	4%
Moanalua/Salt Lake	3%
Kaimuki	3%
Aiea/Pearl City	3%
Kakaako	2%
Windward	2%
East Oahu	2%
Ewa	1%
All over	1%
Waianae	1%
North Shore	0%

Q21								
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)	Did not go to work/school	Worked from home	Drove vehicle alone	Carpooled	Motorbike or scooter	Took bus	Walked	Biked
	Monday	15%	6%	39%	7%	1%	24%	6%
Tuesday	22%	6%	36%	8%	1%	21%	5%	1%
Wednesday	17%	6%	38%	8%	1%	23%	6%	1%
Thursday	24%	5%	35%	7%	1%	22%	5%	1%
Friday	17%	6%	38%	8%	1%	24%	6%	1%
Saturday	44%	4%	25%	5%	1%	17%	4%	0%
Sunday	45%	3%	24%	5%	1%	17%	4%	1%

Q21 - Commuted by this Mode At Least One Day Last Week	
Telecommute	9%
Drive vehicle alone	51%
Car/van pool	14%
Motorcycle or scooter	1%
Bus	34%
Walk	9%
Bike	2%
Alternate transport	60%

Q21 - Commuted by this Mode Every Workday Last Week	
Telecommute	6%
Drive vehicle alone	39%
Car/van pool	6%
Motorbike or scooter	1%
Bus	24%
Walk	6%
Bike	1%

Q21 - Commuted by this Mode Every Workday Last Week	
Alternate transport	48%

Q21- Commute Mode Share	
Drove alone	46%
Telecommuted	7%
Carpooled	10%
Motorbike or scooter	1%
Took bus	28%
Walked	7%
Biked	1%

Q22 Which best describes the building where you live?	
House (single family/detached)	24%
Duplex	8%
Townhouse	2%
Apartment – walk-up	57%
Apartment – with elevators	8%
Other	1%

Q23 Do you rent or own your home?	
Rent	72%
Own	28%

Q24 Please tell us the number of adults (including yourself) and children who live in your home.			
	Adults	Children	All people
None	0%	58%	0%
1	19%	17%	14%
2	36%	15%	23%
3-4	32%	7%	36%
5 or more	13%	3%	26%

Q25 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
None	14%	71%	83%
1	44%	17%	9%
2	27%	9%	5%
3 or more	16%	3%	2%

Q26 Does any member of your household have a physical handicap, or is anyone disabled?	
Yes	23%
No	77%

Q27- Average Average number of years	
How old are you?	48.7

Q27 How old are you?	
18 to 34	27%
35 to 54	35%
55+	38%

Q28 What is your gender?	
Male	49%
Female	51%

Q29 How much education have you completed?	
0 to 11 years of school	10%
High school	36%
Some college	23%
Associate's or technical school degree	12%
Bachelor's degree	14%
Graduate/professional degree	5%

Q30 How much was your household's total income before taxes in 2010? Include income from all sources for all persons living in your household.	
Less than \$19,999	28%
\$20,000 to \$29,999	19%
\$30,000 to \$39,999	14%
\$40,000 to \$49,999	11%
\$50,000 to \$74,999	17%
\$75,000 to \$99,999	6%
\$100,000 to \$149,999	4%
\$150,000 or more	1%

Q31 Which category best describes your race? (Please check all that apply)	
Filipino	53%
Japanese	14%
White/Caucasian	14%
Native Hawaiian	13%
Chinese	11%
Hispanic/Latino	4%
Vietnamese	4%
Samoan	4%
Other Pacific Islander	4%
Other	3%
Micronesian	3%
Black/African American	2%
Korean	2%
American Indian/Inuit	2%
Other Asian	1%

Appendix B: 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. The tables below show the number of respondents in each subgroup highlighted in this appendix and the margin of error between each group.

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, if the margin of error between the two groups is $\pm 6\%$, and 54% of group A and 60% of group B said they felt safe in the city, this would not be statistically different. However if 54% of group A and 61% of group B said they felt safe in the city, this would be considered statistically different.

Number of respondents in each group	
Closest Station	Number of respondents
Middle Street	54
Kalihi	697
Kapalama	348

Margin of error for comparison between groups			
	Middle Street	Kalihi	Kapalama
Middle Street		$\pm 14\%$	$\pm 14\%$
Kalihi	$\pm 14\%$		$\pm 6\%$
Kapalama	$\pm 14\%$	$\pm 6\%$	

Q1 - Percent excellent or good			
Please rate each of the following characteristics of your neighborhood.	Middle Street Station	Kalihi Station	Kapalama Station
Presence of sidewalks	26%	41%	49%
Condition of sidewalks	31%	32%	44%
Number of cross-walks/crossing-lights	40%	52%	54%
Safety while walking	36%	39%	45%
Overall ease of walking in your neighborhood	23%	38%	43%
Number of bicycle paths and lanes	9%	16%	19%
Condition of bicycle paths and lanes	18%	17%	20%
Availability of bike racks/bike storage	7%	14%	12%
Safety while bicycling	6%	15%	19%
Overall ease of biking in your neighborhood	6%	15%	16%
Ease of locating bus stops	66%	72%	69%
Condition of bus stops	43%	47%	49%
Safety when waiting for buses	48%	47%	47%
Safety when riding buses	68%	65%	68%
Overall ease of bus travel	67%	65%	66%
Condition of local streets	30%	25%	30%
Traffic flow on local streets	34%	31%	35%
Amount of public parking	13%	17%	24%
Overall, how easy it is for you to get around in Honolulu?	51%	52%	61%

Q2			
How often does any member of your household use neighborhood parks?	Middle Street Station	Kalihi Station	Kapalama Station
Almost daily	9%	11%	12%
A few times a week	6%	14%	14%
A few times a month	19%	18%	19%
Once a month or less	21%	24%	25%
Never	45%	32%	29%

Q3 - Percent excellent or good			
Please rate the quality of the parks in your neighborhood for the following:	Middle Street Station	Kalihi Station	Kapalama Station
Quality of parks for playing sports	11%	37%	33%
Quality of parks for exercising	11%	27%	26%
Quality of park playgrounds for children	8%	22%	24%
Quality of parks for picnicking or hanging out	8%	18%	25%

Q4 - Percent very or somewhat safe			
How safe do you feel in your neighborhood parks?	Middle Street Station	Kalihi Station	Kapalama Station
In parks during the day	72%	65%	69%
In parks at night	32%	23%	20%
In parks, when homeless people are present	10%	13%	12%

Q5a			
We'd like to know if you have the following businesses in your neighborhood	Middle Street Station	Kalihi Station	Kapalama Station
Restaurants	71%	89%	95%
Bars or night clubs	30%	61%	75%
Coffee shops	56%	69%	71%
Beauty salons (hair, nails, barbers)	79%	88%	93%
Family entertainment (theaters, etc.)	13%	21%	34%
Grocery stores	80%	90%	93%
Drug stores (pharmacies)	76%	75%	69%
Convenience stores, (i.e. 7-11)	89%	91%	95%
Laundry/dry cleaners	40%	59%	73%

Q5 - Percent excellent or good			
If you have the following businesses in your neighborhood overall. Are they excellent, good, fair or poor?	Middle Street Station	Kalihi Station	Kapalama Station
Restaurants	59%	67%	68%
Bars or night clubs	37%	35%	30%
Coffee shops	73%	61%	53%
Beauty salons (hair, nails, barbers)	54%	58%	62%
Family entertainment (theaters, etc.)	58%	51%	61%
Grocery stores	63%	73%	75%
Drug stores (pharmacies)	73%	77%	78%
Convenience stores, (i.e. 7-11)	66%	75%	79%
Laundry/dry cleaners	33%	43%	57%

Q6a			
We'd like to know if you have the following resources in your neighborhood	Middle Street Station	Kalihi Station	Kapalama Station
Libraries	53%	66%	72%
Schools	98%	99%	98%
Child care (day cares)	69%	47%	51%
Youth centers	31%	53%	54%
Community centers	37%	58%	62%
Senior centers	13%	38%	48%
Medical clinics/dentists	74%	80%	87%
Affordable housing	53%	61%	76%

Q6 - Percent excellent or good			
If you have the following resources in your neighborhood, how you would rate them overall. Are they excellent, good, fair or poor?	Middle Street Station	Kalihi Station	Kapalama Station
Libraries	69%	74%	72%
Schools	66%	67%	70%
Child care (day cares)	49%	59%	64%
Youth centers	33%	56%	58%
Community centers	61%	57%	64%
Senior centers	54%	56%	61%
Medical clinics/dentists	63%	62%	76%
Affordable housing	26%	38%	42%

Q7 Like Most			
What 3 things do you like most about living in your neighborhood?	Middle Street Station	Kalihi Station	Kapalama Station
Location is close to jobs/bus stops	67%	84%	79%
Housing is affordable	42%	28%	36%
Neighborhood houses are in good condition	11%	12%	11%
House/property is good size for my household	33%	20%	19%
Neighborhood is quiet	37%	19%	21%
Lively community/interaction with neighbors	9%	14%	10%
Crime rate is low	15%	11%	13%
Safe to walk, drive or play (few accidents)	16%	16%	17%
Good schools for children	22%	30%	26%
Close to shopping	49%	54%	64%
Close to recreation areas/facilities	5%	12%	17%
Location/access in general	0%	0%	0%
Restaurants/bars	0%	1%	2%

Q7 Like Least			
What 3 things do you like least about living in your neighborhood?	Middle Street Station	Kalihi Station	Kapalama Station
Location is not close to jobs/bus stops	5%	9%	11%
Housing is expensive	29%	46%	38%
Neighborhood houses are in poor condition	51%	27%	38%
House/property is small, not enough space	16%	31%	30%
Neighborhood is too noisy	48%	43%	43%
Neighborhood is too quiet - not a very lively place	0%	3%	5%
Crime rate is too high	34%	44%	40%
Unsafe to walk, drive or play (too many accidents)	36%	34%	30%
No good schools for children	12%	10%	10%
Far from shopping	20%	16%	13%
Far from recreation areas/facilities	35%	20%	19%
Homeless	0%	0%	0%
Dirty, smells bad	0%	2%	3%
Poor condition or overcrowded streets/sidewalks	1%	5%	4%
Parking	5%	1%	3%

Q8			
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?	Middle Street Station	Kalihi Station	Kapalama Station
More car parking	37%	48%	50%
Improved sidewalks	65%	59%	48%
Walking paths/trails	28%	29%	24%
Bike paths and bike lanes	22%	31%	31%
Parks	25%	35%	31%
Community gardens	20%	19%	15%
Sports facilities (gyms, etc.)	24%	27%	31%
Children's playgrounds	34%	38%	35%
Libraries	25%	20%	20%
Schools	23%	18%	16%
Child care (day cares)	12%	12%	10%
Youth centers	20%	16%	17%
Community centers	14%	17%	21%
Senior centers	35%	21%	25%
Medical clinics/dentists	11%	18%	19%
Affordable housing	40%	46%	43%
Other	16%	9%	12%

Q9			
If there was one thing you could do to improve your neighborhood what would it be?	Middle Street Station	Kalihi Station	Kapalama Station
Reduce homeless issues	7%	3%	5%
Improve parking (increase legal, reduce illegal)	3%	5%	5%
Clean up area/improve appearance	14%	11%	14%
Sidewalks/crosswalks/bike lanes	15%	11%	10%
Improve roads	6%	22%	16%
Improve transit	0%	1%	1%
Police presence/safety/reduce crime and prostitution	13%	21%	21%
Grocery and other retail	1%	1%	0%
Parks/gardens/recreation area/center	3%	6%	11%
Affordable housing	0%	4%	3%
Reduce noise	18%	1%	1%
Other	20%	14%	14%

Q10			
What landmarks or characteristics of your neighborhood are most important to preserve?	Middle Street Station	Kalihi Station	Kapalama Station
Landscape/parks	0%	31%	29%
Bishop Museum	4%	14%	15%
Kalihi Fire station	0%	3%	2%
Kalihi stream/Kapalama canal	11%	6%	8%
Historic area/buildings	0%	9%	9%
Markets/retail/small shops	0%	14%	18%
Schools	4%	24%	21%
Palama settlement	0%	0%	4%
Botanical garden	14%	0%	0%
Harbor/ ocean view	0%	2%	1%
Churches/ temples	71%	8%	10%
Library	0%	3%	0%

Q11a			
What neighborhood in Honolulu would you most like to live in?	Middle Street Station	Kalihi Station	Kapalama Station
Where I am	7%	8%	7%
Ala Moana	4%	1%	0%
Chinatown	0%	0%	0%
Diamond Head/Kakaako	0%	1%	0%
Downtown	10%	2%	4%
Hawaii Kai	15%	3%	7%
Kahala	6%	5%	4%
Kailua	0%	0%	0%
Kaimuki	4%	4%	1%
Kukui	0%	0%	0%
Liliha	4%	1%	1%
Makiki	0%	4%	4%
Manoa	3%	4%	4%
Nuuanu	0%	2%	3%
Waikiki	0%	2%	4%
Kakaako	0%	1%	1%
Kalihi	18%	31%	31%
Alewa heights	0%	1%	2%
Salt Lake	3%	3%	2%
Moanalua	0%	2%	1%
Named amenity, not place	17%	10%	10%
Other place	10%	14%	13%

Q11b			
and why?	Middle Street Station	Kalihi Station	Kapalama Station
Convenient location	34%	39%	40%
Shopping	12%	10%	9%
Beach/ water views	0%	1%	2%
Restaurants/enertainment	0%	1%	2%
Parks/greenery	22%	5%	3%
Quiet	14%	18%	21%
Safe	25%	16%	19%
Clean/ beautiful	39%	15%	26%
Affordable	0%	3%	1%
More space	0%	1%	1%
Fewer homeless	0%	0%	1%
Culture/character/ variety	5%	10%	8%
Cooler	6%	5%	3%
Grew up there/long time resident	6%	11%	5%
Schools	6%	6%	8%

Q12			
Do you plan to move from your current home in the next two years?	Middle Street Station	Kalihi Station	Kapalama Station
Yes	10%	21%	25%
No	75%	58%	58%
Don't know	15%	21%	17%

Q12a			
Where will you move?	Middle Street Station	Kalihi Station	Kapalama Station
A new place in this neighborhood	0%	10%	16%
Another place in Honolulu	100%	51%	51%
Outside Honolulu, but on Oahu	0%	26%	17%
Outside Oahu	0%	12%	16%

Q13			
Before receiving this survey, were you aware that the City and County of Honolulu is planning to build a rail transit line?	Middle Street Station	Kalihi Station	Kapalama Station
Yes	98%	94%	88%
No	2%	6%	12%

Q14 – Very or somewhat likely			
At least one rail station will be within ½ mile (up to 10-minute walk) 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?	Middle Street Station	Kalihi Station	Kapalama Station
Use rail transit to get to work or school	38%	54%	55%
Use rail transit to go shopping	44%	59%	55%
Use rail transit to go to restaurants, bars or nightclubs	29%	45%	43%
Use rail transit to visit beaches or recreation areas	38%	55%	49%
Use rail transit to meet up with friends/family	46%	56%	55%

Q15 – 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 proposed rail station(s)?	Middle Street Station	Kalihi Station	Kapalama Station
Bicycle parking	81%	83%	84%
Plazas or small parks	78%	80%	83%
Bus shelters	89%	87%	87%
Places to sit	92%	87%	87%
Improved landscaping	90%	90%	88%
Coffee shops and restaurants	80%	85%	86%
Convenience stores (i.e. 7-11)	70%	83%	87%
Services, like hair salons or drycleaners	73%	75%	74%
Shopping centers	71%	78%	77%
Grocery stores	76%	84%	83%
Drug stores (pharmacies)	74%	85%	82%
Affordable/subsidized housing	76%	73%	72%
Regular/market rate housing	62%	71%	71%
Other	67%	75%	71%

Q16– Strongly or somewhat support			
If new residential or commercial buildings are developed near your closest proposed rail station(s), how strongly would you support or oppose the following building heights?	Middle Street Station	Kalihi Station	Kapalama Station
1 - 3 stories	80%	81%	81%
4 - 8 stories	49%	50%	48%
9 - 14 stories	30%	28%	29%
15 - 30 stories	33%	21%	21%
Above 30 stories	17%	16%	18%

Q17– Strongly or somewhat support			
How strongly would you support or oppose the following improvements for Dillingham Boulevard and other major streets in Kalihi?	Middle Street Station	Kalihi Station	Kapalama Station
Expanding bus service	87%	92%	92%
Establishing bike lanes	85%	89%	82%
Improving sidewalks	97%	97%	94%
Adding street lighting	97%	95%	91%
Planting trees	93%	89%	86%
Adding crosswalks	97%	94%	92%
Adding on street parking	86%	86%	88%
Adding places to sit	93%	88%	85%

Q18– Strongly or somewhat support			
How strongly would you support or oppose the following types of new development along Kapalama Canal?	Middle Street Station	Kalihi Station	Kapalama Station
Residential towers	52%	50%	47%
Residential townhomes	64%	62%	60%
Parks	85%	84%	85%
Retail stores/services	84%	78%	79%
Hotels	40%	35%	34%
Office towers	39%	41%	40%
Office – low rise	62%	64%	67%
Parking structures	78%	71%	73%

Q20			
Where is your work or school located? (Please check all that apply)	Middle Street Station	Kalihi Station	Kapalama Station
Kalihi	44%	44%	40%
Manoa	1%	5%	9%
Waianae	0%	1%	0%
North Shore	0%	0%	0%
Downtown	16%	18%	20%
Kaimuki	1%	2%	6%
Ewa	0%	1%	2%
Windward	0%	2%	3%
Kakaako	1%	2%	2%
Waikiki	6%	16%	21%
Central Oahu	2%	5%	4%
Ala Moana	6%	11%	13%
East Oahu	2%	2%	1%
Aiea/Pearl City	4%	3%	2%
Kahala/ Diamond Head	2%	5%	4%
Airport/Pearl Harbor	18%	12%	6%
Moanalua/Salt Lake	8%	3%	2%
All over	0%	1%	0%
Retired/unemployed/disabled	14%	9%	7%
Other	4%	5%	4%

Q21 - 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).	Middle Street Station	Kalihi Station	Kapalama Station
Telecommute	7%	9%	10%
Drive vehicle alone	52%	49%	55%
Car/van pool	10%	15%	12%
Motorcycle or scooter	1%	1%	0%
Bus	29%	34%	34%
Walk	10%	10%	7%
Bike	2%	3%	0%
Alternate transport	49%	62%	55%

Q21 - 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).	Middle Street Station	Kalihi Station	Kapalama Station
Telecommute	5%	6%	5%
Drive vehicle alone	50%	37%	44%
Car/van pool	6%	7%	4%
Motorbike or scooter	1%	1%	0%
Bus	24%	24%	25%
Walk	8%	7%	4%
Bike	0%	1%	0%
Alternate transport	47%	51%	44%

Q21- Commute Mode Share			
	Middle Street Station	Kalihi Station	Kapalama Station
Drove alone	50%	43%	51%
Telecommuted	5%	7%	7%
Carpooled	7%	11%	7%
Motorbike or scooter	1%	1%	1%
Took bus	26%	27%	30%
Walked	10%	8%	5%
Biked	0%	2%	0%

Q25				
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
Middle Street Station	None	12%	80%	90%
	1	38%	9%	10%
	2	44%	10%	0%
	3 or more	6%	1%	0%
Kalihi Station	None	15%	70%	82%
	1	46%	17%	11%
	2	24%	9%	5%
	3 or more	16%	3%	3%
Kapalama Station	None	12%	72%	84%
	1	41%	19%	7%
	2	29%	7%	8%
	3 or more	18%	2%	1%

Appendix C: 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, 463 owned their homes and 494 rented. The margin of error for comparison between these two groups is $\pm 6\%$.

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 $\pm 6\%$, if 54% of owners and 60% of renters said they felt safe in the city, this would not be statistically different. However if 54% of owners and 61% of renters said they felt safe in the city, this would be considered statistically different.

Q1 - Percent excellent or good		
Please rate each of the following characteristics of your neighborhood.	Own	Rent
Presence of sidewalks	41%	43%
Condition of sidewalks	32%	36%
Number of cross-walks/crossing-lights	51%	52%
Safety while walking	37%	42%
Overall ease of walking in your neighborhood	35%	40%
Number of bicycle paths and lanes	16%	17%
Condition of bicycle paths and lanes	17%	19%
Availability of bike racks/bike storage	12%	13%
Safety while bicycling	13%	16%
Overall ease of biking in your neighborhood	15%	15%
Ease of locating bus stops	70%	71%
Condition of bus stops	48%	47%
Safety when waiting for buses	49%	46%
Safety when riding buses	66%	66%
Overall ease of bus travel	65%	65%
Condition of local streets	27%	27%
Traffic flow on local streets	28%	33%
Amount of public parking	21%	18%
Overall, how easy it is for you to get around in Honolulu?	56%	54%

Q2		
How often does any member of your household use neighborhood parks?	Own	Rent
Almost daily	7%	13%
A few times a week	16%	13%
A few times a month	15%	20%
Once a month or less	23%	26%
Never	39%	28%

Q3 - Percent excellent or good		
Please rate the quality of the parks in your neighborhood for the following:	Own	Rent
Quality of parks for playing sports	35%	34%
Quality of parks for exercising	29%	24%
Quality of park playgrounds for children	24%	21%
Quality of parks for picnicking or hanging out	18%	20%

Q4 - Percent very or somewhat safe		
How safe do you feel in your neighborhood parks?	Own	Rent
In parks during the day	66%	67%
In parks at night	21%	23%
In parks, when homeless people are present	11%	13%

Q5a		
We'd like to know if you have the following businesses in your neighborhood	Own	Rent
Restaurants	92%	89%
Bars or night clubs	65%	64%
Coffee shops	77%	65%
Beauty salons (hair, nails, barbers)	93%	88%
Family entertainment (theaters, etc.)	21%	26%
Grocery stores	93%	89%
Drug stores (pharmacies)	73%	74%
Convenience stores, (i.e. 7-11)	94%	92%
Laundry/dry cleaners	60%	64%

Q5 - Percent excellent or good		
If you have the following businesses in your neighborhood, how you would rate them overall. Are they excellent, good, fair or poor?	Own	Rent
Restaurants	68%	66%
Bars or night clubs	31%	34%
Coffee shops	63%	57%
Beauty salons (hair, nails, barbers)	62%	58%
Family entertainment (theaters, etc.)	51%	57%
Grocery stores	73%	72%
Drug stores (pharmacies)	82%	75%
Convenience stores, (i.e. 7-11)	75%	76%
Laundry/dry cleaners	51%	46%

Q6a		
We'd like to know if you have the following resources in your neighborhood	Own	Rent
Libraries	71%	67%
Schools	97%	99%
Child care (day cares)	53%	49%
Youth centers	54%	52%
Community centers	59%	59%
Senior centers	43%	39%
Medical clinics/dentists	86%	81%
Affordable housing	66%	66%

Q6 - Percent excellent or good		
If you have the following resources in your neighborhood, how you would rate them overall. Are they excellent, good, fair or poor?	Own	Rent
Libraries	75%	71%
Schools	68%	67%
Child care (day cares)	61%	59%
Youth centers	60%	55%
Community centers	57%	59%
Senior centers	56%	57%
Medical clinics/dentists	66%	66%
Affordable housing	36%	39%

Q7 Like Most		
What 3 things do you like most about living in your neighborhood?	Own	Rent
Location is close to jobs/bus stops	86%	80%
Housing is affordable	15%	38%
Neighborhood houses are in good condition	11%	11%
House/property is good size for my household	31%	16%
Neighborhood is quiet	20%	21%
Lively community/interaction with neighbors	11%	13%
Crime rate is low	8%	14%
Safe to walk, drive or play (few accidents)	15%	17%
Good schools for children	30%	28%
Close to shopping	62%	55%
Close to recreation areas/facilities	14%	13%
Location/access in general	0%	0%
Restaurants/bars	1%	2%

Q7 Like Least		
What 3 things do you like least about living in your neighborhood?	Own	Rent
Location is not close to jobs/bus stops	7%	10%
Housing is expensive	37%	45%
Neighborhood houses are in poor condition	30%	33%
House/property is small, not enough space	26%	32%
Neighborhood is too noisy	45%	43%
Neighborhood is too quiet - not a very lively place	4%	3%
Crime rate is too high	39%	44%
Unsafe to walk, drive or play (too many accidents)	38%	31%
No good schools for children	10%	10%
Far from shopping	13%	16%
Far from recreation areas/facilities	17%	22%
Homeless	0%	0%
Dirty, smells bad	2%	2%
Poor condition or overcrowded streets/sidewalks	5%	4%
Parking	3%	2%

Q8		
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?	Own	Rent
More car parking	48%	48%
Improved sidewalks	67%	52%
Walking paths/trails	31%	27%
Bike paths and bike lanes	32%	30%
Parks	30%	35%
Community gardens	19%	18%
Sports facilities (gyms, etc.)	26%	29%
Children's playgrounds	29%	39%
Libraries	20%	20%
Schools	16%	18%
Child care (day cares)	10%	12%
Youth centers	14%	17%
Community centers	19%	18%
Senior centers	29%	21%
Medical clinics/dentists	16%	18%
Affordable housing	21%	54%
Other	9%	11%

Q9		
If there was one thing you could do to improve your neighborhood what would it be?	Own	Rent
Reduce homeless issues	6%	4%
Improve parking (increase legal, reduce illegal)	6%	4%
Clean up area/improve appearance	11%	13%
Sidewalks/crosswalks/bike lanes	14%	9%
Improve roads	23%	18%
Improve transit	0%	1%
Police presence/safety/reduce crime and prostitution	18%	22%
Grocery and other retail	1%	1%
Parks/gardens/recreation area/center	8%	7%
Affordable housing	1%	4%
Reduce noise	2%	2%
Other	11%	16%

Q10		
What landmarks or characteristics of your neighborhood are most important to preserve?	Own	Rent
Landscape/parks	25%	31%
Bishop Museum	14%	15%
Kalihi Fire station	5%	2%
Kalihi stream/Kapalama canal	6%	7%
Historic area/buildings	3%	11%
Markets/retail/small shops	18%	14%
Schools	30%	19%
Palama settlement	4%	1%
Botanical garden	0%	1%
Harbor/ ocean view	1%	2%
Churches/ temples	12%	11%
Library	1%	1%

Q11a		
What neighborhood in Honolulu would you most like to live in?	Own	Rent
Where I am	8%	8%
Ala Moana	2%	0%
Chinatown	0%	0%
Diamond Head/Kakaako	0%	1%
Downtown	4%	3%
Hawaii Kai	6%	4%
Kahala	6%	5%
Kailua	1%	0%
Kaimuki	1%	4%
Kukui	0%	0%
Liliha	1%	2%
Makiki	2%	4%
Manoa	3%	4%
Nuuanu	3%	2%
Waikiki	1%	2%
Kakaako	1%	1%
Kalihi	36%	29%
Alewa heights	1%	2%
Salt Lake	0%	3%
Moanalua	4%	1%
Named amenity, not place	10%	11%
Other place	10%	15%

Q11b		
and why?	Own	Rent
Convenient location	46%	37%
Shopping	12%	9%
Beach/ water views	5%	1%
Restaurants/entertainment	4%	1%
Parks/greenery	4%	6%
Quiet	19%	19%
Safe	10%	21%
Clean/ beautiful	17%	20%
Affordable	1%	3%
More space	2%	1%
Fewer homeless	2%	0%
Culture/character/ variety	5%	10%
Cooler	3%	5%
Grew up there/long time resident	9%	9%
Schools	5%	7%

Q12		
Do you plan to move from your current home in the next two years?	Own	Rent
Yes	10%	26%
No	79%	51%
Don't know	11%	23%

Q12a		
Where will you move?	Own	Rent
A new place in this neighborhood	6%	13%
Another place in Honolulu	45%	54%
Outside Honolulu, but on Oahu	29%	22%
Outside Oahu	19%	11%

Q13		
Before receiving this survey, were you aware that the City and County of Honolulu is planning to build a rail transit line?	Own	Rent
Yes	92%	92%
No	8%	8%

Q14 – Very or somewhat likely		
At least one rail station will be within ½ mile (up to 10-minute walk) 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?	Own	Rent
Use rail transit to get to work or school	44%	57%
Use rail transit to go shopping	51%	60%
Use rail transit to go to restaurants, bars or nightclubs	34%	48%
Use rail transit to visit beaches or recreation areas	41%	57%
Use rail transit to meet up with friends/family	46%	59%

Q15– 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 proposed rail station(s)?	Own	Rent
Bicycle parking	83%	84%
Plazas or small parks	77%	83%
Bus shelters	85%	88%
Places to sit	87%	88%
Improved landscaping	92%	89%
Coffee shops and restaurants	85%	86%
Convenience stores (i.e. 7-11)	82%	84%
Services, like hair salons or drycleaners	71%	76%
Shopping centers	75%	79%
Grocery stores	79%	85%
Drug stores (pharmacies)	78%	86%
Affordable/subsidized housing	56%	79%
Regular/market rate housing	64%	73%
Other	69%	76%

Q16– Strongly or somewhat support		
If new residential or commercial buildings are developed near your closest proposed rail station(s), how strongly would you support or oppose the following building heights?	Own	Rent
1 - 3 stories	81%	81%
4 - 8 stories	39%	54%
9 - 14 stories	20%	32%
15 - 30 stories	14%	24%
Above 30 stories	12%	19%

Q17– Strongly or somewhat support		
How strongly would you support or oppose the following improvements for Dillingham Boulevard and other major streets in Kalihi?	Own	Rent
Expanding bus service	93%	91%
Establishing bike lanes	87%	87%
Improving sidewalks	96%	97%
Adding street lighting	93%	94%
Planting trees	88%	89%
Adding crosswalks	92%	94%
Adding on street parking	81%	89%
Adding places to sit	84%	89%

Q18– Strongly or somewhat support		
How strongly would you support or oppose the following types of new development along Kapalama Canal?	Own	Rent
Residential towers	41%	52%
Residential townhomes	56%	63%
Parks	80%	86%
Retail stores/services	77%	80%
Hotels	28%	38%
Office towers	32%	44%
Office – low rise	60%	68%
Parking structures	65%	75%

Q20		
Where is your work or school located? (Please check all that apply)	Own	Rent
Kalihi	38%	45%
Manoa	6%	6%
Waianae	0%	1%
North Shore	0%	0%
Downtown	21%	17%
Kaimuki	3%	3%
Ewa	1%	1%
Windward	2%	2%
Kakaako	3%	2%
Waikiki	18%	17%
Central Oahu	4%	5%
Ala Moana	7%	13%
East Oahu	1%	2%
Aiea/Pearl City	2%	3%
Kahala/ Diamond Head	3%	5%
Airport/Pearl Harbor	9%	11%
Moanalua/Salt Lake	3%	3%
All over	1%	1%
Retired/unemployed/disabled	11%	7%
Other	3%	5%

Q21 - 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).	Own	Rent
Telecommute	7%	10%
Drive vehicle alone	56%	48%
Car/van pool	16%	13%
Motorcycle or scooter	2%	1%
Bus	29%	36%
Walk	7%	10%
Bike	1%	2%
Alternate transport	51%	63%

Q21 - 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).	Own	Rent
Telecommute	4%	6%
Drive vehicle alone	47%	36%
Car/van pool	6%	7%
Motorbike or scooter	2%	0%
Bus	20%	26%
Walk	4%	7%
Bike	0%	1%
Alternate transport	42%	52%

Q21- Commute Mode Share		
	Own	Rent
Drove alone	51%	44%
Telecommuted	5%	8%
Carpooled	10%	10%
Motorbike or scooter	2%	0%
Took bus	25%	29%
Walked	6%	8%
Biked	1%	1%

Q25				
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
Own	None	7%	73%	87%
	1	39%	16%	7%
	2	27%	9%	3%
	3 or more	27%	2%	3%
Rent	None	16%	71%	81%
	1	46%	18%	11%
	2	27%	9%	6%
	3 or more	11%	3%	2%

Appendix D: 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, 475 were men and 568 were women. The margin of error for comparison between these two groups is $\pm 6\%$.

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 $\pm 6\%$, 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 61% of men said they felt safe in the city, this would be considered statistically different.

Q1 - Percent excellent or good		
Please rate each of the following characteristics of your neighborhood.	Male	Female
Presence of sidewalks	45%	42%
Condition of sidewalks	37%	34%
Number of cross-walks/crossing-lights	56%	48%
Safety while walking	43%	38%
Overall ease of walking in your neighborhood	42%	35%
Number of bicycle paths and lanes	18%	15%
Condition of bicycle paths and lanes	19%	17%
Availability of bike racks/bike storage	13%	12%
Safety while bicycling	16%	14%
Overall ease of biking in your neighborhood	15%	14%
Ease of locating bus stops	71%	70%
Condition of bus stops	48%	46%
Safety when waiting for buses	45%	48%
Safety when riding buses	64%	67%
Overall ease of bus travel	64%	66%
Condition of local streets	28%	25%
Traffic flow on local streets	31%	34%
Amount of public parking	19%	19%
Overall, how easy it is for you to get around in Honolulu?	53%	56%

Q2		
How often does any member of your household use neighborhood parks?	Male	Female
Almost daily	13%	11%
A few times a week	13%	15%
A few times a month	19%	18%
Once a month or less	28%	21%
Never	28%	35%

Q3 - Percent excellent or good		
Please rate the quality of the parks in your neighborhood for the following:	Male	Female
Quality of parks for playing sports	35%	34%
Quality of parks for exercising	26%	26%
Quality of park playgrounds for children	23%	20%
Quality of parks for picnicking or hanging out	20%	19%

Q4 - Percent very or somewhat safe		
How safe do you feel in your neighborhood parks?	Male	Female
In parks during the day	69%	63%
In parks at night	27%	17%
In parks, when homeless people are present	14%	11%

Q5a		
We'd like to know if you have the following businesses in your neighborhood	Male	Female
Restaurants	91%	89%
Bars or night clubs	65%	63%
Coffee shops	68%	70%
Beauty salons (hair, nails, barbers)	90%	88%
Family entertainment (theaters, etc.)	26%	24%
Grocery stores	89%	92%
Drug stores (pharmacies)	72%	75%
Convenience stores, (i.e. 7-11)	92%	92%
Laundry/dry cleaners	65%	60%

Q5 - Percent excellent or good		
If you have the following businesses in your neighborhood, how you would rate them overall. Are they excellent, good, fair or poor?	Male	Female
Restaurants	70%	63%
Bars or night clubs	37%	29%
Coffee shops	63%	55%
Beauty salons (hair, nails, barbers)	63%	55%
Family entertainment (theaters, etc.)	52%	60%
Grocery stores	73%	72%
Drug stores (pharmacies)	76%	77%
Convenience stores, (i.e. 7-11)	75%	75%
Laundry/dry cleaners	50%	44%

Q6a		
We'd like to know if you have the following resources in your neighborhood	Male	Female
Libraries	67%	68%
Schools	99%	98%
Child care (day cares)	50%	50%
Youth centers	56%	49%
Community centers	62%	56%
Senior centers	39%	40%
Medical clinics/dentists	81%	84%
Affordable housing	64%	67%

Q6 - Percent excellent or good		
If you have the following resources in your neighborhood, how you would rate them overall. Are they excellent, good, fair or poor?	Male	Female
Libraries	76%	69%
Schools	70%	66%
Child care (day cares)	62%	57%
Youth centers	60%	53%
Community centers	65%	52%
Senior centers	61%	55%
Medical clinics/dentists	71%	62%
Affordable housing	39%	37%

Q7 Like Most		
What 3 things do you like most about living in your neighborhood?	Male	Female
Location is close to jobs/bus stops	82%	81%
Housing is affordable	35%	28%
Neighborhood houses are in good condition	11%	12%
House/property is good size for my household	19%	21%
Neighborhood is quiet	21%	20%
Lively community/interaction with neighbors	13%	12%
Crime rate is low	15%	10%
Safe to walk, drive or play (few accidents)	16%	17%
Good schools for children	30%	28%
Close to shopping	57%	57%
Close to recreation areas/facilities	16%	11%
Location/access in general	0%	0%
Restaurants/bars	2%	1%

Q7 Like Least		
What 3 things do you like least about living in your neighborhood?	Male	Female
Location is not close to jobs/bus stops	8%	11%
Housing is expensive	44%	41%
Neighborhood houses are in poor condition	34%	29%
House/property is small, not enough space	33%	28%
Neighborhood is too noisy	45%	42%
Neighborhood is too quiet - not a very lively place	3%	3%
Crime rate is too high	43%	43%
Unsafe to walk, drive or play (too many accidents)	33%	34%
No good schools for children	8%	12%
Far from shopping	15%	15%
Far from recreation areas/facilities	22%	19%
Homeless	0%	0%
Dirty, smells bad	1%	3%
Poor condition or overcrowded streets/sidewalks	5%	4%
Parking	2%	2%

Q8		
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
More car parking	52%	45%
Improved sidewalks	53%	58%
Walking paths/trails	24%	31%
Bike paths and bike lanes	35%	26%
Parks	36%	31%
Community gardens	17%	19%
Sports facilities (gyms, etc.)	28%	28%
Children's playgrounds	33%	41%
Libraries	18%	22%
Schools	15%	20%
Child care (day cares)	11%	11%
Youth centers	14%	18%
Community centers	19%	17%
Senior centers	22%	24%
Medical clinics/dentists	18%	18%
Affordable housing	49%	41%
Other	10%	11%

Q9		
If there was one thing you could do to improve your neighborhood what would it be?	Male	Female
Reduce homeless issues	5%	3%
Improve parking (increase legal, reduce illegal)	7%	3%
Clean up area/improve appearance	9%	16%
Sidewalks/crosswalks/bike lanes	11%	9%
Improve roads	17%	22%
Improve transit	1%	1%
Police presence/safety/reduce crime and prostitution	22%	20%
Grocery and other retail	0%	1%
Parks/gardens/recreation area/center	5%	9%
Affordable housing	4%	2%
Reduce noise	3%	1%
Other	16%	13%

Q10		
What landmarks or characteristics of your neighborhood are most important to preserve?	Male	Female
Landscape/parks	31%	28%
Bishop Museum	13%	17%
Kalihi Fire station	4%	1%
Kalihi stream/Kapalama canal	12%	4%
Historic area/buildings	6%	11%
Markets/retail/small shops	12%	16%
Schools	22%	24%
Palama settlement	0%	2%
Botanical garden	1%	0%
Harbor/ ocean view	2%	1%
Churches/ temples	9%	13%
Library	2%	2%

Q11a		
What neighborhood in Honolulu would you most like to live in?	Male	Female
Where I am	5%	11%
Ala Moana	1%	1%
Chinatown	0%	0%
Diamond Head/Kakaako	1%	0%
Downtown	2%	5%
Hawaii Kai	5%	5%
Kahala	5%	5%
Kailua	0%	0%
Kaimuki	2%	4%
Kukui	0%	0%
Liliha	2%	1%
Makiki	4%	3%
Manoa	3%	4%
Nuuanu	1%	4%
Waikiki	4%	0%
Kakaako	2%	0%
Kalihi	32%	29%
Alewa heights	1%	2%
Salt Lake	3%	2%
Moanalua	1%	2%
Named amenity, not place	10%	11%
Other place	15%	12%

Q11b		
and why?	Male	Female
Convenient location	40%	39%
Shopping	10%	10%
Beach/ water views	3%	1%
Restaurants/enertainment	1%	2%
Parks/greenery	4%	6%
Quiet	19%	18%
Safe	18%	17%
Clean/ beautiful	21%	18%
Affordable	3%	1%
More space	1%	1%
Fewer homeless	1%	0%
Culture/character/ variety	5%	13%
Cooler	3%	5%
Grew up there/long time resident	9%	9%
Schools	3%	10%

Q12		
Do you plan to move from your current home in the next two years?	Male	Female
Yes	26%	19%
No	53%	62%
Don't know	20%	19%

Q12a		
Where will you move? BY What is your gender?	Male	Female
A new place in this neighborhood	16%	8%
Another place in Honolulu	52%	53%
Outside Honolulu, but on Oahu	22%	23%
Outside Oahu	11%	16%

Q13		
Before receiving this survey, were you aware that the City and County of Honolulu is planning to build a rail transit line?	Male	Female
Yes	94%	91%
No	6%	9%

Q14– Very or somewhat likely		
At least one rail station will be within ½ mile (up to 10-minute walk) 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
Use rail transit to get to work or school	58%	50%
Use rail transit to go shopping	62%	54%
Use rail transit to go to restaurants, bars or nightclubs	48%	40%
Use rail transit to visit beaches or recreation areas	59%	47%
Use rail transit to meet up with friends/family	59%	53%

Q15– 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 proposed rail station(s)?	Male	Female
Bicycle parking	88%	78%
Plazas or small parks	85%	77%
Bus shelters	88%	86%
Places to sit	89%	86%
Improved landscaping	89%	90%
Coffee shops and restaurants	86%	86%
Convenience stores (i.e. 7-11)	86%	81%
Services, like hair salons or drycleaners	77%	73%
Shopping centers	81%	74%
Grocery stores	85%	81%
Drug stores (pharmacies)	86%	81%
Affordable/subsidized housing	77%	69%
Regular/market rate housing	73%	69%
Other	78%	69%

Q16– Strongly or somewhat support		
If new residential or commercial buildings are developed near your closest proposed rail station(s), how strongly would you support or oppose the following building heights?	Male	Female
1 - 3 stories	82%	80%
4 - 8 stories	54%	46%
9 - 14 stories	32%	25%
15 - 30 stories	27%	16%
Above 30 stories	22%	12%

Q17– Strongly or somewhat support		
How strongly would you support or oppose the following improvements for Dillingham Boulevard and other major streets in Kalihi?	Male	Female
Expanding bus service	93%	90%
Establishing bike lanes	85%	88%
Improving sidewalks	97%	96%
Adding street lighting	93%	94%
Planting trees	89%	88%
Adding crosswalks	92%	95%
Adding on street parking	86%	87%
Adding places to sit	86%	88%

Q18– Strongly or somewhat support		
How strongly would you support or oppose the following types of new development along Kapalama Canal?	Male	Female
Residential towers	52%	48%
Residential townhomes	63%	60%
Parks	85%	84%
Retail stores/services	81%	77%
Hotels	42%	28%
Office towers	47%	35%
Office – low rise	67%	64%
Parking structures	72%	72%

Q20		
Where is your work or school located? (Please check all that apply)	Male	Female
Kalihi	41%	45%
Manoa	5%	8%
Waianae	1%	0%
North Shore	0%	0%
Downtown	16%	20%
Kaimuki	3%	3%
Ewa	2%	1%
Windward	2%	2%
Kakaako	2%	2%
Waikiki	18%	17%
Central Oahu	6%	3%
Ala Moana	12%	11%
East Oahu	1%	1%
Aiea/Pearl City	2%	4%
Kahala/ Diamond Head	6%	3%
Airport/Pearl Harbor	13%	9%
Moanalua/Salt Lake	3%	3%
All over	2%	0%
Retired/unemployed/disabled	9%	9%
Other	5%	5%

Q21 - 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
Telecommute	9%	9%
Drive vehicle alone	57%	45%
Car/van pool	10%	17%
Motorcycle or scooter	2%	0%
Bus	25%	42%
Walk	8%	9%
Bike	3%	1%
Alternate transport	52%	67%

Q21 - 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
Telecommute	6%	7%
Drive vehicle alone	47%	33%
Car/van pool	5%	8%
Motorbike or scooter	1%	0%
Bus	19%	29%
Walk	7%	5%
Bike	2%	0%
Alternate transport	41%	55%

Q21- Commute Mode Share		
	Male	Female
Drove alone	53%	39%
Telecommuted	7%	7%
Carpooled	7%	11%
Motorbike or scooter	2%	0%
Took bus	21%	35%
Walked	8%	7%
Biked	2%	0%

Q25				
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
Male	None	11%	69%	83%
	1	43%	19%	10%
	2	27%	9%	5%
	3 or more	18%	3%	2%
Female	None	16%	74%	83%
	1	46%	15%	9%
	2	26%	9%	6%
	3 or more	12%	2%	2%

Appendix E: Responses to Open Ended Questions

Q7 Other Responses to: What 3 things do you like most and what 3 things do you like least about living in your neighborhood?

Most

- I can only find one.
- Lived in neighborhood over 40 years.
- No rail.
- Beautiful stream in back.
- Have privacy.
- Ample street parking.
- Apartment building has parking.
- No playing gamble (house).
- Car services.
- Housing for rent.
- Need to have cooperation's for our community delegate.
- No animals or pets feces (dodo).
- Cars/trucks speeding.
- Cars/trucks go opposite of one-way street.

Least

- All we could find to live in.
- Along the river.
- We don't have a place for our garbage. Our place is like a garbage place, its like a place for homeless people, please do something its very unsanitary.
- Blocking crosswalker eye by St. John Church.
- Changing demographics.
- Close to the Honolulu prison.
- Commercial zoning near residences.
- Crazy people all around.
- Don't know.
- Everything's fine.
- Faculty does not care.
- Farrington High is not a good school!
- Gambling rate is too much.
- High population density.
- Homes are too close.
- Hot weather.
- Inconsiderate neighbors.
- Kalihi - can't list 3 things.

- Low income housing should be removed in Kalihi to make area a better and safer place to live.
- Neighbor calling the office anonymously about you to keep eyes off their criminal activities!!
- Neighborhood satisfactory; friendly folks.
- Neighbors dumping cut tree branches in the stream.
- No bathroom in the park.
- No comment.
- No management on sight.
- None of the above.
- Not my choice!
- Not sure.
- Not sure.
- Not sure.
- Offensive strong smells makes me sick.
- People are not very nice.
- People are rude.
- Property tax is huge.
- Seeing children running around those streets unattended.
- Silly rules that are not kept by neighbors.
- Too many nursing homes.
- Too many renters at one house.
- Too many cats.
- Too many people allowed to live in each house (Filipino, Vietnamese, Chinese, Samoan, etc.)
Too many cars with these homes take up all the parking up and down the streets - nothing left for rest of us. (Need to limit amount of people per household).
- Too many public housing projects.
- Too much foreigners/Immigrants.
- Two - three families living in single house, too many cars.
- Type of people living here.
- Unsupervised children at night.
- We live in a dumpy apartment - keep the ghetto ghetto.

Q8 Other Responses to: 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)

- Public toilets in Chinatown.
- More police enforcement.
- A UPS sub-branch in HCC or at a public school.
- E Komo mai Kalihi sign.
- More police presence.
- Too much housing - breeding grounds of perpetual social problems.
- Low income housing / dog & cat control.
- Reduce crime.
- Police station!

- Walmart
- Area to place bulky rubbish.
- Bus stops
- Homeless population.
- Water drainage
- Make neighborhoods mirror areas like Manoa - quiet recreations centers, small shopping centers.
- Bus stop - closer.
- As hard as it is, we should forget about it (The rail).
- More bus stops.
- Community safety
- Public restrooms by the parks.
- More police patrol.
- Police station
- Doctor
- Police should patrol behind Kalakaua Middle School at nights after 10 pm.
- Affordable child care centers.
- Family entertainment
- Get rid of the homeless.
- Enforcement of parking, trash disposal codes.
- Not sure.
- Leave the country.
- Mall centers.
- Agriculture
- Less crime
- Secured apartments
- Clean and smoke free bus stops.
- I don't care about that. I just want the damn place to be safe!
- All above is fair enough in my hood.
- Free tutoring like music, etc.
- Shopping mall

Q9 Other Responses to: If there was one thing you could do to improve your neighborhood what would it be?

- Annual gatherings, pot lucks, special market days.
- Be a neighborhood board member.
- Bug control
- Build medical clinics/dentists.
- Call all when there are things happening that shouldn't be happening.
- Can't think of anything. Everyone has to work together for improvements and that doesn't happen here in Kalihi. Too many immigrants who keep to themselves and do not get involved. One person can't do it all. I've tried but have since given up. I'm tired of looking like the "bad guy trouble maker."
- Child care to help the children develop their skills and knowledge.

- Community service.
- Community water program.
- Community water program.
- Create or start a group that would get people to communicate and work together w/ neighbors, everyone seems to be afraid to reach out and work together. May be show them/save the important.
- Cut down on the number of bars!
- Discipline the faith to have more education.
- Discipline oneself.
- Make observations and give suggestions to the right/appropriate representative who could do the job.
- Drainage
- Elderly person.
- Eliminate some bars. I think we live in a place surrounded by bars. Improve the schools' surroundings - look at Farrington HS and McKinley - which of the two are appealing?
- Everything you see around.
- Get involved with neighborhood meetings and inform legislators of concerns.
- Get involved.
- Get rid of cats and chickens (roosters).
- Get rid of cats and people that feed them at night at HCC along the canal on Kokea Street.
- Get rid of cats.
- Good behavior
- Good idea to our community.
- Help out, be more active with my community.
- Home improvement.
- Honestly the growing number of Micronesian immigrants to the neighborhood. The clash in cultural behaviors, child rearing and lack of respect for property education and authority creates huge conflicts amongst schools, neighbors and locals, need more affordable housing as first priorities, affects crime rates.
- I like where we live, its private, quite comfortable and just right.
- I would move Matson out to Sand Island and build a nice neat condo community.
- I would remove the notion that Kalihi is a dangerous and unsafe place.
- If there are problems advise them.
- Improve the living condition.
- Its OK.
- Just looking at all the questions of this survey that you are asking is not putting the people first, the rail will not take care of the traffic problem.
- Keep commercial activity from mixing with residential lots.
- Leave Kalihi area alone.
- Less bars.
- Less crowding
- Less public housing.
- Limit multifamily living in single house.
- Living conditions
- Less crowding

- Low rents, raise taxes.
- Lower property taxes.
- Make auto repair shops remove excess/junk/deselect unlawfully parked vehicles from streets.
- Make it more upscale!
- More community involvement.
- Move out the public housing community.
- Move state housing out of this location. Low income families are source of problems, especially in this particular neighborhood.
- Move to a different neighborhood.
- Move to Sunset Beach.
- Neighborhood can be fixed?
- Neighborhood friendliness.
- Neighbors should always have a good relationship and good partnership with everyone every single day.
- No comment, actually yes, evict all the trouble makers.
- No flooding on the street during rainy days.
- No rail!!!
- Not be so crowded.
- Not build rail.
- Not having the rail transit coming through Kalihi. Kalihi is already crowded as it is. Matson, Young Brothers, prison, airport, etc. Is all in Kalihi.
- Not to have a rail system.
- Peace not war.
- People taking more pride.
- Pipeline side of the canal bridge was concreted and it is almost broken. And also the railings need repair.
- Promote good citizenry by displaying proper etiquette and manners and being courteous and kind to my neighbors and people I come in contact with. Hopefully, my actions and interaction with others will have a positive effect on others and they will do the same.
- Recycle papers.
- Reduce opportunities for illegal dumping and make it easier for residents to dispose of bulky trash.
- Regular rubbish pick- up.
- Rehabilitate Kalihi stream.
- Repair existing schools, some of them are in poor conditions.
- Schools
- Schools
- Schools
- Schools (education for children).
- Schools should be improved.
- Simple
- Spiritual advice.
- Stop making homes with 9 doors (over building) so they will not park in our foot path etc.
- Suggestion tax

- Teenage groups to talk among friends without drinking - lately teenage drinking or should I say underage drinking is crazy.
- The drainage at the back of Deelite bakery. I live at Eluwene and when it rains, water floods that area.
- The mix between commercial activities and residential activities should be more defined. Commercialism in area is pushing residents out.
- The whole district.
- To be closely.
- To build their businesses in the neighborhood!
- Turn homes into rentals.
- Too much Micronesian.
- Underground electricity, cable, and phone wiring.
- Will contribute (time/labor/service etc.) to any community service project in the neighborhood.
- Zoning change - Less homes built on one lot! Strain on public utilities, refuse pick-ups and illegal parking, excessive cars.

Q10 Other Response to: What landmarks or characteristics of your neighborhood are most important to preserve?

- Affordable housing.
- Aiea - close to everything
- All
- All existing.
- All of it.
- Allow only single story houses.
- An abundance of good restaurants at affordable prices.
- Areas
- Be friendly and polite.
- Be honest to everyone, be friendly. There should be cooperation.
- Be nice to everyone.
- Bridge
- Building height.
- Bus stop
- Bus stop by Dillingham and corner of McNeil Street.
- Bus stop, banks.
- Bus stops (but need to be improved).
- Businesses and homes will be up rooted. Where are they going? Homeless problems are neverending. Buy property and do park and ride. More express buses.
- Centers
- Central location.
- Characteristic parking lot.
- Child care (day cares).
- Cleanliness
- Cleanliness next to godliness.
- Convenience for everybody.

- Convenient = close to bank, grocery store, dining restaurant, Mc Donald fast food, etc.
- Crime
- Dole Cannery
- Don't really care what they preserve - if it makes it look nice it's alright.
- Easy access to various locations. Preserve the major bus hub and stations and major schools.
- Everything
- Everything that is good.
- Everything that makes Kalihi famous, like same businesses existing for generations.
- Everything, let it be the same.
- Families
- Fast printed the walls - should be preserve.
- Filipina community.
- Fixed the road.
- Formerly Boulevard Saimin - near Dillingham Saimin.
- Fred Ohrt Water Museum, shower trees along Kapalama Canal, false kamani trees along Dillingham.
- Friendliness and helpfulness.
- Friendliness and respect.
- Front yard and the back yard of the houses.
- Good manners
- Good neighborhood.
- Gyms and courts to play ball.
- HCC
- Healthcare facilities
- Height limitations on new construction.
- His all gone to improvement.
- How people from around the world and each of a different nationality can live peacefully and assist one another through hard times as well as the fruitful.
- I like a quiet neighborhood.
- I think the landmarks that preserve history are the most important, and should be protected.
- I would like to see a revitalization of the King St. businesses, I would like to see a beautification of Kalihi; replace street lamps; nice landscaping.
- I would like to see more open spaces.
- Improve Kapalama Canal.
- Improve the roads and streets, too many pot holes.
- Industrial
- Industrial, commercial, long time sustaining factories or businesses such as Menehune Mac, Aala Meat Market, Lions Coffee, etc. Makes Kalihi feel like an old community that's grown w/ families (multi-generations) and should not get squeezed out.
- It's important to preserve the amount of bus stops since it helps with all the commuting. Also, the stores here and there really help when you need to get something in a hurry.
- Kalihi
- Kalihi - Downtown.
- Kalihi because the roads are ugly.

- Kalihi bus facility.
- Keep lane wide and clean.
- Keep the affordable housing. It makes Kalihi what it is today.
- Know each other.
- Libby Manapua.
- Libby Manapua
- Link
- Lively community, low crime rate.
- Lots of people.
- Low crime
- Marked crosswalks, especially at Nimitz Highway and Dillingham Street.
- McDonald's.
- Mixture of commercial and residential buildings.
- More lighting and patrolling or presence of police not just at the substations.
- More parking.
- Most of them are all gone.
- Multiculturalism
- My back yard stream should be cleaned more often.
- My neighborhood is very good and safe.
- Need to keep housing areas only for homes.
- Neighborhood closeness
- Neighborhood is quiet.
- Nice look good to me.
- No high-rises; keep neighborhood low-rise houses.
- No special landmark.
- Noisy
- Not too much traffic.
- Nothing, Demolish them.
- Number of shopping areas in the mall (Dillingham Plaza).
- Open skyline! Small business/community living.
- Our bus route, right now it is convenient.
- Peace and orderliness.
- Peace and quietness of the neighborhood.
- Peace and quiet.
- Peaceful and quiet.
- Plaza Imelda.
- Preservation is not high on my list.
- Quiet, safe place.
- Quietness, peacefulness & respect.
- Quiet area.
- Quiet and mostly Christian way. Church goers are growing and more away from any danger and temptations.
- Residential atmosphere, good mix of industrial/business/residential properties.
- Residential property taxes. Noise - can do w/o more noise coming from the rail (decibel)
- Respect each other.

- Restaurants, drive ins, and grocery stores.
- Restrict or ban construction of condominiums.
- Road is bad every time they open it and try to pave it.
- Roads
- Roads
- Roads
- Roads, sidewalks
- Safety
- Safety
- Safety and brighter street lights.
- Salary and convenient store.
- Sharing and helping the needy.
- Small town feel - no high rises.
- Street lights, traffic lights, pedestrians lanes/crosswalks/sidewalks.
- Susannah Wesley Community Center.
- The bridge connecting Kalihi Waena School to Richard Lane.
- The bus stop locations.
- The diversity of ethnic cultures of residents in Kalihi.
- The family homes
- There is a post office.
- There is a small town suburban feel.
- The "Jesus coming soon" church on Middle Street that's been there for the past 88 years. And the residential, "homie" feeling, no industrial size buildings.
- The Kalakaua gym
- The lack of tall buildings/high rises and the variety of ethnic eatables.
- Turn OCCC into a museum.
- The Original Pancake House - biggest tourist attraction.
- The peace and quiet are important to preserve.
- The roads
- The roads, needs to get fixed.
- The same existing landmarks.
- The tire station we have now.
- The tradition
- The units and their inside carpentry work. Dry wall is not for a unit that sits near the road w/ traffic pollution! And our community hall and our wonderful police and security staff.
- There are none - why not make something so the kids here have something to admire and preserve.
- There aren't any.
- There are none.
- They took down the Dole pineapple water tower many years ago - no other landmarks.
- To help each other clean up our area.
- To keep our rubbish disposal for every house. Please do something, it's sore to the eyes of people who are visiting us.
- Too late - too many immigrants, they trash everything!
- United Fishing Agency.

- Unity and cleanliness.
- Vies Place.
- Walking paths, bike path, better road.
- Watch each other's house.
- Watch out for each other in our place to live and our property.
- We are surrounded w/ businesses, and I could think of any landmark that we need to preserve.
- We must preserve the children's schools.
- Wouldn't want to change much.
- Zippy's.

Q11a Other Response to: What neighborhood in Honolulu would you most like to live in?

- 2nd city: Kapolei.
- Aala Street - cheap senior housing.
- Aiea Heights - view.
- Aiea or Hawaii Kai - its quiet or peaceful.
- Aiea or Pearl City - closer to work, centralized, close to Stadium, quiet neighborhood, neighborhood houses in good condition.
- Dillingham Blvd. - more convenience.
- Dillingham - due to location.
- Dillingham - because of the transportation.
- Dowsett - family there.
- East Oahu/Aina Haina - it is clean, people are friendly and neighborhood is family, community oriented.
- East Oahu - they seem to get all or most of the capital improvement money.
- Ewa Beach - more quiet & peaceful.
- Ewa Beach - quiet, country, beach.
- Ewa Beach - they have some affordable housing and it is a lot quieter there in the new houses.
- Ewa Plantation - that's where I grew up and turned out not too bad.
- Alewa Heights - it's quiet.
- I like Palama - young immigrants think they are still in the third world country that they come from and have no respect for the neighborhood.
- I would live on the mauka side - it seems like a friendly environment.
- I would most like not to live in Honolulu, city living is just too much for me.
- I would say Waipahu - nice neighborhood, safe.
- Kahuku or Turtle Bay because it is beautiful. Honolulu area it is all the same - city.
- In the Valley - it's cool and most people are nice.
- Kaneohe - away from the bustle of town; Manoa - very peaceful and greener.
- Kaneohe - close to church.
- Kaneohe - it's quite cool, clean and still has "local" values.
- Kaneohe & Kailua - cold weather.
- Kaneohe - at the shopping center I always see family together.
- Kaneohe - a safe neighborhood.

- Kaneohe - because the air seems more fresh and the community is more friendly.
- Kaneohe - nice and clean.
- Kapahulu - it is quiet and convenient with the bus.
- Kapahulu/Kaimuki - you got the quiet neighborhood where the kids can play in the yard yet you can hop in the car and quickly get to shops, or food nearby, it's like Kalihi but feels safer!
- Kapahulu - clean, quiet and livable homes and beaches.
- Kapahulu - it's great.
- Kapalama - close to many things.
- Kapalama - close to schools, shopping, and neighborhood.
- Kapalama - its home.
- Kapalama - location is perfect.
- Kapolei - because of the new developments. Pearl City - its location is in the middle of the island.
- Kapolei - because of the new developments.
- Kapolei - it's like a second city. Everything is easy to reach: shops, medical, schools businesses and community parks and recreation. Also the community is new.
- Ko'olina - very excellent condition.
- Maybe Gulick - close to gas stations and all other stores.
- Maybe Hawaii Kai or Manoa - those area are quiet.
- McCully, Kaimuki, Kahala - a better looking environment.
- McNeil St. - quiet.
- Middle Liliha - quiet and peaceful.
- Mililani - quiet and close to shopping, supermarkets, drug stores, theaters.
- Mililani - subdivision better planned for family and community activities, clean and beautiful landscaping, many community centers.
- Mililani - clean and cool.
- Mililani - it doesn't have too much crime (according to the news).
- Mililani Mauka.
- Mililani, Aiea, or Pearl City - less congested and safer.
- Mililani - clean, quiet, good malls.
- Moanalua / Salt Lake - easy commute near freeway, good schools, nice recreational parks, has shopping center, weather is cooler at night, neighborhood seems less noisy and unpredictable than mine. I think overall it's simply nicer than Kalihi. Especially when raising young children.
- Moiliili area.
- Moiliili – it's closer for me to go to school.
- Morris Lane
- Near UH - enriched neighborhood.
- Nice place near airport.
- North Shore - quiet and country type living.
- North Shore - uncrowded.
- North Shore - Waialua less crowded (population density).
- Pacific Heights - cool, quiet, great views.
- Palama - been here all my life and very satisfied with it.
- Pali - it's very quiet and property there is in very good condition and also crime is very low.

- Pauoa Valley - very quiet and good people.
- Pauoa - quiet and convenient to shopping, etc.
- Pauahi Gardens - very convenient to bank, grocery store and bus stop.
- Pearl City - quiet and has everything you need (i.e. schools, parks, medical, shopping centers, etc.).
- Pearl City - close to everything.
- Pearl City/Aiea - I like the area.
- Pearl Harbor - close to work and almost a good neighborhood.
- Puunui / Liliha area - its residential quality and closeness to city center. Property values are still high, it's quiet and is close to mountains so it gets fair amount of rain (good).
- Somewhere in Red Hill or Moanalua Valley.
- Upper Aiea - you don't get into the Leeward traffic and is still close to town. The problem is there are not enough buses that go through there; not like Dillingham Blvd.
- Utopia - get it?
- Waimanalo - it is more like a country than city lifestyle.
- Waimanalo or Kahuku (North Shore or Windward Oahu) – cleaner, more maintained, people are more neighborly.
- Waipahu - nice place to settle, more convenient and proper.
- Waipio/Kapolei
- Windward side - more green and quiet.

Q11a Other Responses to: and why?

- Any where that does not have rail, hopefully that means I don't have to move because I love Kalihi.
- Anywhere near Downtown, too many homeless people and illegal activities going on down there.
- Buses are needed. People need their car after work to pick up children, etc. Think simple and have some common sense.
- Church and Christian brothers and sisters because we all need safety first and received the goodness of our Christ.
- The country.
- I like my neighborhood except for a few things that could improve like the sidewalks and noisy chickens from neighbors.
- I like where I am, could build senior apartments in Kalihi because there are none.
- I'd rather live outside Honolulu, don't care much for living in the city.
- I'll just stay right here, on the edge. The quieter edge of Honolulu, "Kalihi". Here living is comfortable. Not too fast (Downtown-Waikiki) not too slow (North Shore - Waianae).
- In Kalihi where I'm at with some improvements.
- Kahala - they don't have farm animals.
- Kahala - to have land to grow own food.
- Kalihi. If not then wherever it is you are paving streets and putting in side walks which is everywhere else but Kalihi - we pay our taxes too !
- Manoa - near UTI facilities esp. library, strong neighborhood organization, neighborhood watch program enhances security.
- None - I live here because of my wife.

- Not sure, love Kalihi.
- Note: by the time rail is completed - I'll have really no use for it!
- Our neighborhood as long as safety measures will improve.
- Regardless, everywhere is appropriate.
- Rural areas to farm.
- The climate and it's hard to find jobs.
- We need more jobs for the people.
- Wide walkways.
- You mean there's some where that's not been molested by man?

Other Responses to Downtown Q18/ Kalihi Q15: 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 proposed rail station(s)?

- Adult school
- Any
- Anything that'll benefit the community.
- Aquarium
- Bars
- Bathroom, toilet.
- Community health center
- Community shuttle vans to rail station.
- Etc.
- Fares for rail like bus fare.
- Fitness center
- Gym!
- Homeless shelters
- Is it safe when passing buildings?
- It cost too much money "Stop the rail".
- Library
- Mainland companies.
- More market rate housing.
- Motorcycle
- No rail system.
- Public restroom
- Recreation centers.
- Restrooms
- Restrooms
- Satellite city halls? Postal kiosks.
- Senior apartments
- Senior apartments
- Senior centers
- Sidewalks
- Sidewalk along Kokea St.

- Sidewalk improvements.
- Support depends on homeless being kept away.
- To avoid too much noise.
- Walmart
- We don't need rail we need to invest money into our economy.
- Youth / woman's center.

*Other Responses to Downtown Q22/ Kalihi Q20: Where is your work or school located?
(Please check all that apply)*

- Aina Haina
- Diamond Head
- Ewa/Barbers Point
- Halawa
- Honolulu Harbor.
- Kailua
- Kailua, Honolulu
- Kalaeloa
- Kalihi Palama, Kaimuki
- Kalihi to Waikiki
- Kapalama
- Kapalama
- Kapolei
- Kapolei
- Kapolei
- Kapolei
- Keeaumoku St.
- Leeward
- Leeward Community College
- Liliha
- Liliha
- Liliha
- Liliha
- Liliha, Kuakini Health System
- Makiki
- Makiki
- Makiki
- Makiki
- Makiki, Kapahulu
- Maunalani Circle
- McCully
- Middle Street
- Nuuanu
- Nuuanu
- Nuuanu

- Nuuanu
- Nuuanu, Kapolei
- Pali
- Pearl Harbor
- Punahou area
- Punchbowl
- Sand Island
- Sand Island Parkway
- Schofield Barracks
- Schofield
- Wahiawa
- Waipahu
- Waipahu
- Waipahu
- Waipahu
- Waipahu
- Waipahu

Other Responses to Downtown Q24/ Kalihi Q22: Which best describes the building where you live?

- Affordable housing
- Business
- Co-op
- Ground floors
- Housing
- Housing
- Housing
- Housing
- Housing
- Live alone
- Low income housing
- Low income housing
- Public housing
- Public housing
- Public housing
- Public housing

Appendix F: Methodology

Developing the Questionnaire

The survey instruments for the City and County of Honolulu Community Surveys of the Downtown and Kalihi neighborhoods were developed through an iterative process where NRC staff drafted questions for review by the City and County of Honolulu and Dyett and Bhatia (Urban and Regional Planners providing consultation to the City and County). To begin this process, an in-person kick-off meeting was held and a list of potential topics were discussed and vetted. NRC then drafted a survey for review, and, after several rounds of edits and review, a final five-page questionnaire emerged. Most of the questions for the two neighborhoods were the same, but a few unique questions were developed for each neighborhood. The final surveys were vetted and approved by senior City and County of Honolulu officials.

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. The population of interest for the Kalihi Community Survey was those households that were located within a half mile of three planned rail transit stations: Middle Street, Kalihi and Kapalama stations.

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 “crow flies” distance of the address to each of the relevant rail stations. All addresses within a half mile of a relevant station (or within 0.55 miles of the Middle Street station) were included as part of the desired population. From this population, 4,000 addresses were randomly selected to receive the mail survey. These 4,000 households were 86% of the total number of households (4,665) estimated to be within a half mile of one of the three proposed stations.

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 cover letter of the survey included text in Tagalog and Ilocano telling residents how to request an in-language version of the survey if they preferred to respond in Tagalog or Ilocano. Two residents requested Tagalog surveys, and one resident requested an Ilocano survey, but none of these surveys were completed and returned.

The mailings were sent in June and July, 2011 and completed surveys were collected over the following five weeks. About 3% of the 4,000 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 3,895 who received a survey, 1,100 completed the survey, providing a response rate of 28%. This is a good response rate; average response rates for a mailed resident survey typically range from 25% to 40%, and generally from 20% to 30% 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 three percentage points around any given percent reported for the entire sample (1,100), 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 a sample size of 50, to plus or minus 5% for 400 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 have been assigned a unique identification number, they are 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 sample were compared to those in the Census blocks that were within a half mile of the relevant planned rail stations. Sample 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 sample were also aided by the weighting due to the intercorrelation of many socioeconomic characteristics.

The variables used for weighting were respondent age, gender, ethnicity, household type, 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.

2011 City and County of Honolulu Kalihi Community Survey Weighting Table

	Population Norm ¹	Unweighted Data	Weighted Data
Housing tenure			
Own	25%	53%	28%
Rent	75%	47%	72%
Housing type			
Detached*	23%	33%	24%
Attached*	77%	67%	76%
Ethnicity			
Asian	70%	79%	71%
Hawaiian	13%	14%	13%
Not Asian or Hawaiian	17%	7%	16%
Gender			
Female	50%	54%	50%
Male	50%	46%	50%
Age			
Age 18-34	28%	12%	27%
Age 35-54	36%	36%	35%
Age 55 and over	36%	52%	28%

*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



We need your input!

Dear Kalihi 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 planned for Kalihi: Middle Street Station (the current Kalihi Transit Center), Kalihi Station (next to Dee Lite Bakery) and Kapālama Station (at Honolulu Community College). Their locations are shown on the map below.

Your home is located within a half mile of one (or more) of these stations, and we would really like to hear from you as we begin to make plans to guide future public investment and development around the Kalihi stations. For the purpose of this survey, please consider your neighborhood the area within walking distance of your home and nearest rail station(s).

The adult (anyone 18 years or older) in your household who most recently had a birthday should complete this survey. Year of birth of the adult does not matter. Please spend a few minutes to answer all the questions and return the survey in the enclosed postage-paid envelope. Your responses will remain completely anonymous.

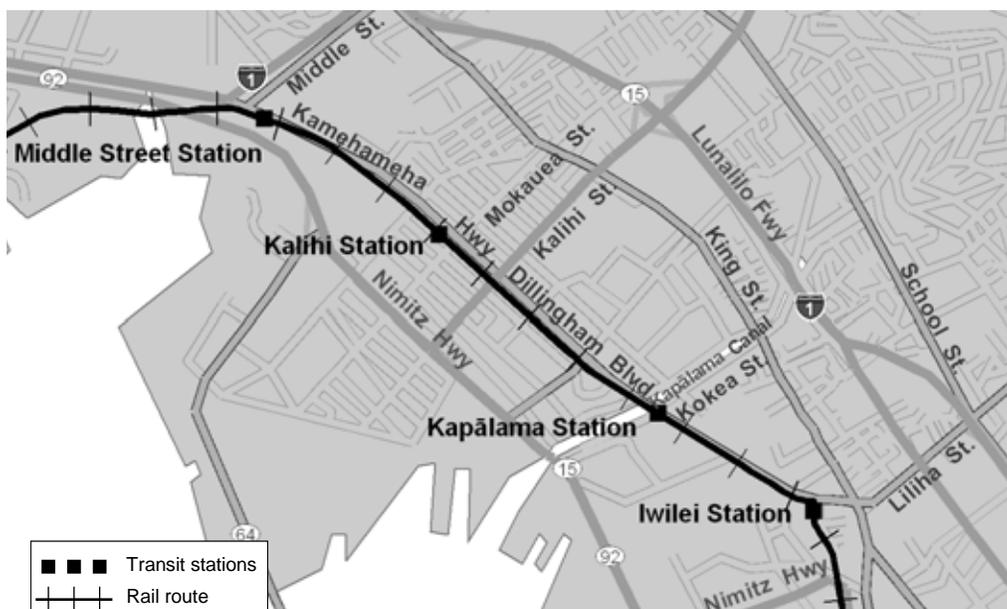
Your participation in this survey is very important. You will help shape the future of the Kalihi neighborhood for generations to come!

If you have any questions about this survey, please call our staff member, Renee Espiau, at (808) 768-8050.

Thank you for your time and participation.

Sincerely,

David K. Tanoue, Director
Department of Planning and Permitting
City and County of Honolulu



Kung mas gugustuhin mong sagutin ang survey na ito sa Tagalog, mangyaring tumawag lamang sa walang babayaring tawag: 1-888-907-6493 at hilingin na padalhan ka namin ng survey na naisalin sa Tagalog.

No kaykayatmo a sungbatan daytoy a survey iti Ilocano, umawagka koma iti awan bayad a panagawag: 1-888-907-6495 ken kiddawen nga ipaw-itan daka iti naipatarus iti Ilokano a survey.

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>
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"/>				
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. 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
	Excellent	Good	Fair	Poor			
Restaurants.....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bars or night clubs.....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coffee shops.....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Beauty salons (hair, nails, barbers).....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Family entertainment (theaters, etc.).....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grocery stores.....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drug stores (pharmacies).....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Convenience stores, (i.e. 7-11).....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Laundry/dry cleaners.....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. 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
	Excellent	Good	Fair	Poor			
Libraries.....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schools.....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Child care (day cares).....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Youth centers.....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Community centers.....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Senior centers.....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Medical clinics/dentists.....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Affordable housing.....	<input type="checkbox"/> No	<input type="checkbox"/> Yes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. 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
- Neighborhood houses are in good condition
- House/property is good size for my household
- Neighborhood is quiet
- Lively community/interaction with neighbors
- 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
- Neighborhood houses are in poor condition
- House/property is small, not enough space
- Neighborhood is too noisy
- Neighborhood is too quiet - not a very lively place
- 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
- _____
- _____
- _____

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

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

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

11. What neighborhood in Honolulu would you most like to live in and why?

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

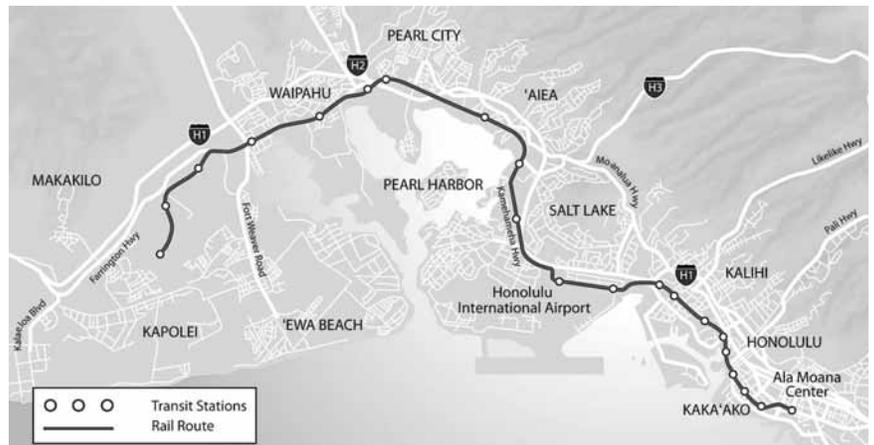
- Yes _____ → 12a. Where will you move?
- No → go to question 13
- Don't know → go to question 13

- 12a. Where will you move?
- A new place in this neighborhood
 - Another neighborhood in Honolulu
 - Outside Honolulu, but on Oahu
 - Outside Oahu

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

- Yes
- No

Map of Proposed Rail Stations



14. At least one rail station will be within ½ mile (up to 10-minute walk) 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"/>

15. 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 proposed rail station(s)?

(Check one box for each line)

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

16. If new residential or commercial buildings are developed near your closest proposed rail station(s), how strongly would you support or oppose the following building heights?

(Check one box for each line)

	<u>Strongly support</u>	<u>Somewhat support</u>	<u>Somewhat oppose</u>	<u>Strongly oppose</u>	<u>Don't know</u>
1 - 3 stories	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 - 8 stories	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9 - 14 stories	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15 - 30 stories	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Above 30 stories	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

17. How strongly would you support or oppose the following improvements for Dillingham Boulevard and other major streets in Kalihi?

(Check one box for each line)

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

18. How strongly would you support or oppose the following types of new development along Kapālama Canal?

(Check one box for each line)

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

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.

19. 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"/>				
In Honolulu	<input type="checkbox"/>				

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

- | | | | | |
|--------------------------------------|-----------------------------------|---------------------------------------|--|---|
| <input type="checkbox"/> Kalihi | <input type="checkbox"/> Downtown | <input type="checkbox"/> Kakaako | <input type="checkbox"/> Ala Moana | <input type="checkbox"/> Kahala/ Diamond Head |
| <input type="checkbox"/> Manoa | <input type="checkbox"/> Kaimuki | <input type="checkbox"/> Waikiki | <input type="checkbox"/> East Oahu | <input type="checkbox"/> Airport/Pearl Harbor |
| <input type="checkbox"/> Waianae | <input type="checkbox"/> Ewa | <input type="checkbox"/> Central Oahu | <input type="checkbox"/> Aiea/Pearl City | <input type="checkbox"/> Moanalua/Salt Lake |
| <input type="checkbox"/> North Shore | <input type="checkbox"/> Windward | <input type="checkbox"/> Other _____ | | |

21. 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"/>

22. Which best describes the building where you live?

- House (single family/detached)
- Duplex
- Townhouse
- Apartment – walk-up
- Apartment – with elevators
- Other (Please specify _____)

23. Do you rent or own your home? Rent Own

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

_____ number of adults
_____ number of children

25. 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

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

- Yes No

27. How old are you? _____ years old

28. What is your gender? Male Female

29. 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

30. How much was your household's total income before taxes in 2010? Include income from all sources for all persons living in your household.

- | | |
|---|---|
| <input type="checkbox"/> Less than \$19,999 | <input type="checkbox"/> \$50,000 to \$74,999 |
| <input type="checkbox"/> \$20,000 to \$29,999 | <input type="checkbox"/> \$75,000 to \$99,999 |
| <input type="checkbox"/> \$30,000 to \$39,999 | <input type="checkbox"/> \$100,000 to \$149,999 |
| <input type="checkbox"/> \$40,000 to \$49,999 | <input type="checkbox"/> \$150,000 or more |

31. Which category best describes your race?

(Please check all that apply)

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Native Hawaiian | <input type="checkbox"/> Japanese |
| <input type="checkbox"/> Samoan | <input type="checkbox"/> Chinese |
| <input type="checkbox"/> Micronesian | <input type="checkbox"/> Filipino |
| <input type="checkbox"/> Other Pacific Islander | <input type="checkbox"/> Korean |
| <input type="checkbox"/> Black/African American | <input type="checkbox"/> Vietnamese |
| <input type="checkbox"/> American Indian/Inuit | <input type="checkbox"/> Other Asian |
| <input type="checkbox"/> Hispanic/Latino | <input type="checkbox"/> Other |
| <input type="checkbox"/> 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**