



MADISON HEIGHTS

RENTAL
ASSISTANCE
DEMONSTRATION

HIA

HEALTH IMPACT ASSESSMENT

COMMUNITY
ENGAGEMENT &
NEIGHBORHOOD
ASSESSMENT
REPORT

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Mosaic Arts Center: Community Workshop

Utilizing the U.S. Department of Housing and Urban Development's new Rental Assistance Demonstration (RAD) program, the Housing Authority of Maricopa County (HAMC) intends to convert three public housing properties it owns and operates into one newly developed community located in Avondale, AZ. At present, the three properties are in relatively poor condition, requiring significant modifications to meet the needs of residents. The proposed new development aims to provide quality housing for low-income residents in a potentially amenity-rich area. The purpose of this study is to work with current residents to understand existing social and environmental conditions and to learn what factors need to be addressed.

MADISON HEIGHTS

RENTAL ASSISTANCE DEMONSTRATION

HIA

HEALTH IMPACT ASSESSMENT



Community engagement figures prominently into any successful health impact assessment. To learn how residents live in their neighborhood, what features support their activities of daily living and what features deter them from living healthy lives, provides a view into the social and material environment of a particular community. Gathering expert testimony from residents facilitates appropriate modifications to existing conditions as well as guides the successful implementation of new proposals. In anticipation of the redevelopment of Madison Heights, a participatory planning workshop was held with current residents of Madison Heights and Norton Circle. It was determined that a separate engagement activity would be conducted with residents of HM Watson Homes in Buckeye.

The participatory planning workshop took place on March 6, 2014, at the Mosaic Arts Center located at 12 E. Western Avenue in the heart of Historic Avondale. A total of 107 residents participated. Through the workshop format, participants identified strengths and weaknesses in the Historic Avondale District and strategized ideas to improve quality of life for residents. Participants primarily focused on access to healthy foods and public transportation, opportunities for active living and housing needs. Resident participation was enthusiastic and specific issues, concerns, challenges and desires for Historic Avondale and the future Madison Heights development were voiced. These ideas represent the needs and visions for the future of this neighborhood within the framework of a realistic assessment of the community.





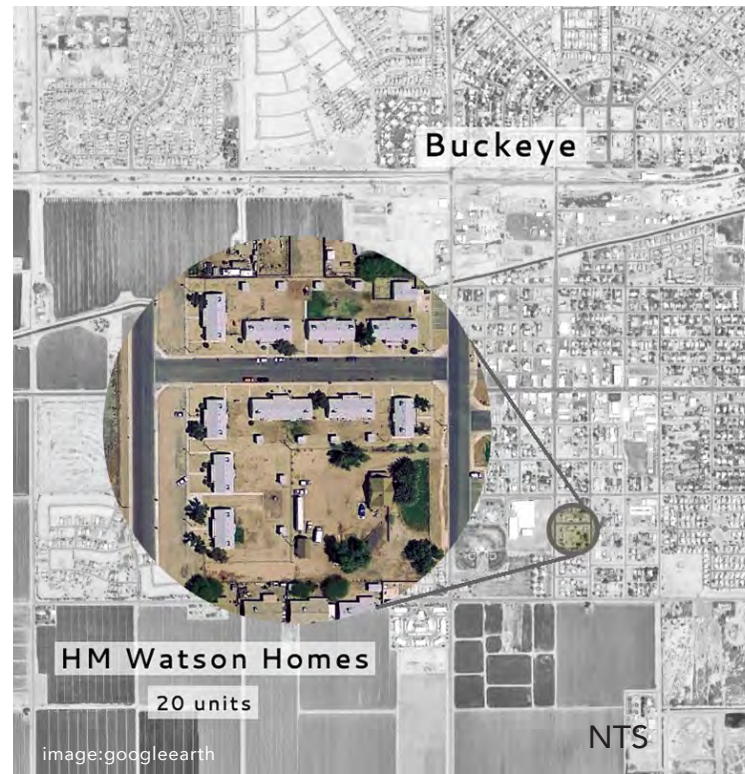
The following elements were identified as impeding access to healthy foods, physical activity and public transportation, and lowering quality of life for residents of Historic Avondale:

- Lack of shade
- Lack of bike lanes
- Poorly maintained and unsafe sidewalks
- Heavy and speeding traffic
- Poorly maintained streets with inadequate lighting
- Preponderance of vacant or underutilized land
- Lack of variety of supermarkets and grocery stores
- Lack of parks with appropriate programming and amenities
- Small, poorly designed residences (both properties)





The three properties selected for redevelopment under HUD's RAD program are HM Watson Homes with 20 units located in Buckeye and Madison Heights with 77 units and Norton Circle with 46 units, both located in the City of Avondale's Historic District. The new housing development will be located at the Madison Heights site.



Sited at the confluence at the Salt, Gila and Agua Fria Rivers, the City of Avondale has a rich settlement history based heavily on agriculture. Originally inhabited and farmed by the Pima and Tohono O'odham Indians, the area became a draw for pioneers in the late nineteenth-century interested in taking advantage of settlement enticements such as the Desert Land Act of 1877. The area soon evolved into an agricultural community known for cotton farming. Remnant parcels of agricultural land remain a dominant landscape feature today. Following a push by community leaders who recognized the need to create joint municipal services, the City of Avondale incorporated in 1946 with 2,000 residents (McClendon, 2013).

Today, the City of Avondale has over 80,000 residents. The population is young (median age is 28) and diverse with people from a variety of ethnic backgrounds including Hispanic or Latino (50%), African American (9%), Asian (4%), American Indian (2%) and White (34%) (<http://www.city-data.com/city/Avondale-Arizona.html>). Avondale families tend to be larger than the rest of Phoenix Metropolitan Statistical Area with 4.2 family members compared with 3.54 (Rhey and Young, 2010).

As is typical throughout the Phoenix Metro area, single-family homes dominate the housing stock in Avondale. With nearly 22% of the population living in poverty, affording quality housing remains an issue. Overcrowded living conditions afflict 5.8% of residents and 42.8% pay more than a third of their monthly income in rent (Rhey and Young, 2010, p8). This situation is particularly prevalent in the Historic Avondale District where 40% of the population is classified as extremely low-income. Significantly, it is estimated that over 80% of the district's residents are either African American or of Hispanic descent. Many of these residents live in homes that require significant repairs and upgrading. Compounding these challenges is a vacancy rate of almost 20%, providing opportunities for vandalism and crime (Rhey and Young, 2010).

The Avondale Police Department reports that the violent crime rate for the city, as a whole, was 5.96 per 1000 persons in 2008, 4.58 in 2009 and 3.16 in 2010. The violent crime rate for just the Historic Avondale area was six times higher: 34.56 in 2008, 30.41 in 2009 and 18.71 in 2010. Over 50% of city homicides and over 40% of city robberies between 2008 and 2010 occurred in Historic Avondale (Philips, 2012).



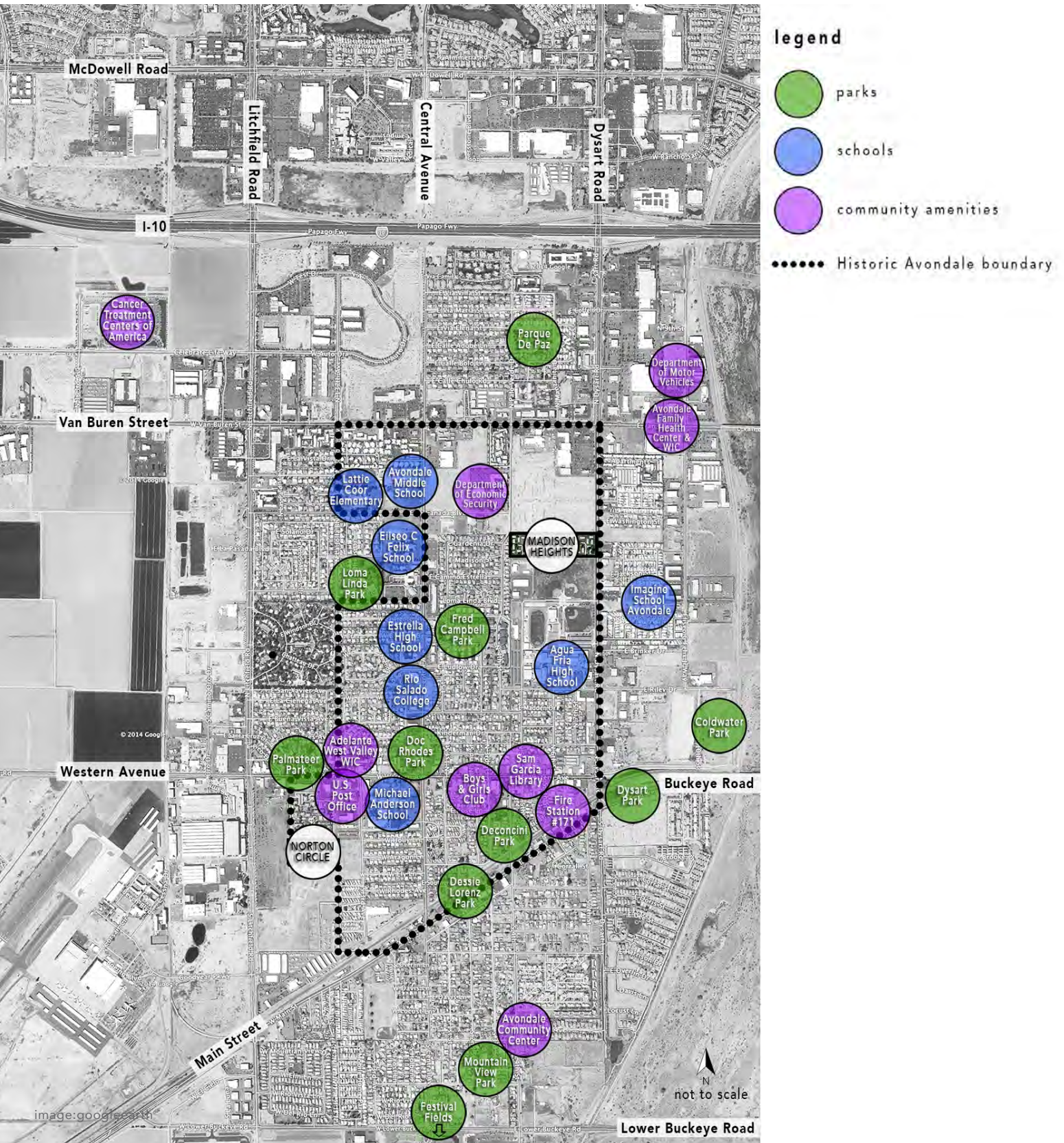
In 1995 the City of Avondale declared several areas blighted including Historic Avondale. In the last ten years, the city started investing in property acquisition and housing redevelopment in an effort to provide high-quality, affordable housing for working families. In 2007, the City of Avondale's departments of Planning, Engineering, Economic Development and Neighborhood Family Services, selected, with City Council support, Madison Heights and Norton Circle for revitalization. Once completed, the newly developed Madison Heights will provide 143 units for current residents of Madison Heights, Norton Circle and HM Watson Homes with remaining units being made available to new residents.

As is the case with many low-income communities, the lack of good employment opportunities afflicts the Historic Avondale area. To reach jobs in neighboring cities, many residents rely on public transportation making the need for a high-quality, reliable transit system a pivotal component to the community's future success.



Although Historic Avondale faces significant challenges, there exists, in the form of social, educational and cultural

institutions, a wide variety of supports for residents, all located within a well-defined geographic area.



Over the past decade, there has been a concerted effort to revitalize Historic Avondale. Several new programs have been started including the Small Business Academy, the Microlending Initiative, the Historic Avondale Merchants Association, the Art Walk and the Farmer's Mercado.

The historic district is home to the Sam Garcia Western Avenue Library (495 E Western Ave), a full service library that opened in 2008 and the Mosaic Arts Center (12 E Western Avenue). Serving children ages 6-18, the Tri-City West Thornwood Branch of the Boys & Girls Clubs of Metro Phoenix (301 E Western Ave) offers after school programs as well as opportunities for physical activity, a learning center and a meal program.

The Avondale Community Center (1007 S 3rd St) located south of the historic downtown area, provides programming and services for seniors. Both the

Department of Economic Security (290 E La Canada Blvd) and the Department of Motor Vehicles (1452 Eliseo C Felix Jr Way) maintain offices in Avondale.

Numerous schools are located within Historic Avondale and its immediate surroundings. Four schools provide education to children, K-4, K-5 and K-8: Michael Anderson School (45 W 3rd Ave), Lattie Coor Elementary (1406 N Central Ave), Eliseo C Felix School (540 E La Pasada Blvd) and Imagine Avondale Charter School (950 Eliseo C Felix Way). Two schools serve older children: Avondale Middle School (1406 N Central Ave) and Agua Fria High School (530 E Riley Dr).

Historic Avondale is attracting new businesses bringing vibrancy to the evolving district. Kreative Kupcakes, In-Power Boutique, Catitude Gallery and Studio and the Mosaic Arts Center are transforming Western Avenue.



Historic Avondale and the immediate surroundings feature nine parks of varying size and quality. Opportunities for significant physical activity at most of the parks are limited. Those parks with active recreational elements include Dennis DeConcini Park (playground, volleyball and lighted basketball), Fred Campbell Park (basketball court), Mountain View Park (lighted basketball courts, playground and walkways) and Festival Fields (lighted softball and multi-use fields) (<http://www.avondale.org>).

Several City of Goodyear parks with active recreational amenities are accessible to Historic Avondale residents: Palmateer Park (playground), Loma Linda Park (swimming and diving, tennis, playground and walking path), and Parque De Paz (basketball, playground and walking path). Parque De Paz also features a community garden (<http://goodyearaz.gov>).

Loma Linda Park



Mountain View Park



Fred Campbell Park



Notably, Historic Avondale has few healthcare clinics. Avondale Family Health Center (950 E Van Buren St) provides family medicine, dental, radiology and has an on-site pharmacy. The Walgreens Pharmacy on the northeast corner of W Van Buren St and N Dysart Rd contains a healthcare clinic open seven days a week. The nearest full-service hospital is Abrazo-Health's West Valley Hospital north of the I-10 on W McDowell Rd. Just west of S Litchfield Rd, the Cancer Treatment Centers of America Western Regional Medical Center supports people with cancer.

There are two WIC Centers operating in the Historic Avondale area: Adelante West Valley (328 W Western Ave) and the Avondale WIC Clinic (950 E Van Buren St).

Without question, Historic Avondale requires substantial planning and economic investment to begin to address its many issues. However, the area currently supports several important community institutions including the Boys & Girls Club and the Sam Garcia Library. The six schools located in Historic Avondale are significant community assets and partners. And new businesses are moving to the area including the recently opened Gangplank, a company dedicated to nurturing small businesses and catalyzing collaborations. With the right investments and planning, Historic Avondale's future is bright.

Sam Garcia Western Avenue Library



Located on the western side of North Dysart Road, Madison Heights is situated between a 30-acre dirt field to the north, Agua Fria High School to the south and a neighborhood with single-family homes to the west. Accessed via a single entrance, the 9.7-acre site features five parking lots and minimal landscaping. Built in 1973, Madison Heights has not had any capital improvement investments outside of repairs for normal wear.



image: googleearth

Madison Heights

Madison Heights



image: googleearth

In addition to a series of HUD assessments undertaken in 2008, 2010 and 2011, Todd and Associates, a Phoenix-based architectural firm, evaluated Madison Heights in 2011 to determine necessary site improvements, interior/exterior renovations, plumbing and mechanical systems upgrades and the potential for increasing housing density.

Findings corroborated residents' observations regarding ongoing flooding on the site. The interior road slopes from east to west, creating ponds at the entrance and along the west property wall during rain events. Once flooded, navigating the entrance is difficult.

The unaddressed flooding and retention issues have caused erosion, leading to road deterioration. Residents are left to navigate the potholes and cracks.



The participatory workshop took place on March 6, 2014, at the Mosaic Arts Center located at 12 E Western Avenue in the heart of Historic Avondale. A total of 107 residents participated.

During the workshop, participants sat at tables furnished with large, 5'x5', aerial maps of the Historica Avondale District. Each table had a planning and design kit containing smaller 11"x17" aerial maps of the district, a set of color-coded stickers, blank stickers to create customized notes, a sign-in sheet, pens and markers and a multi-page health survey.



The color-coded stickers featured icons of neighborhood amenities, services and other common attributes. Green icons were used to indicate positive community and neighborhood attributes; red to indicate negative neighborhood features; and blue to designate desired community elements. Workshop participants used the icons to visually identify and locate various elements within their community.

Some of the workshop participants were Spanish speaking therefore bilingual workshop facilitators were present. The workshop lasted two and a half hours.



green = existing community assets



blue = desired amenities



red = existing community liabilities

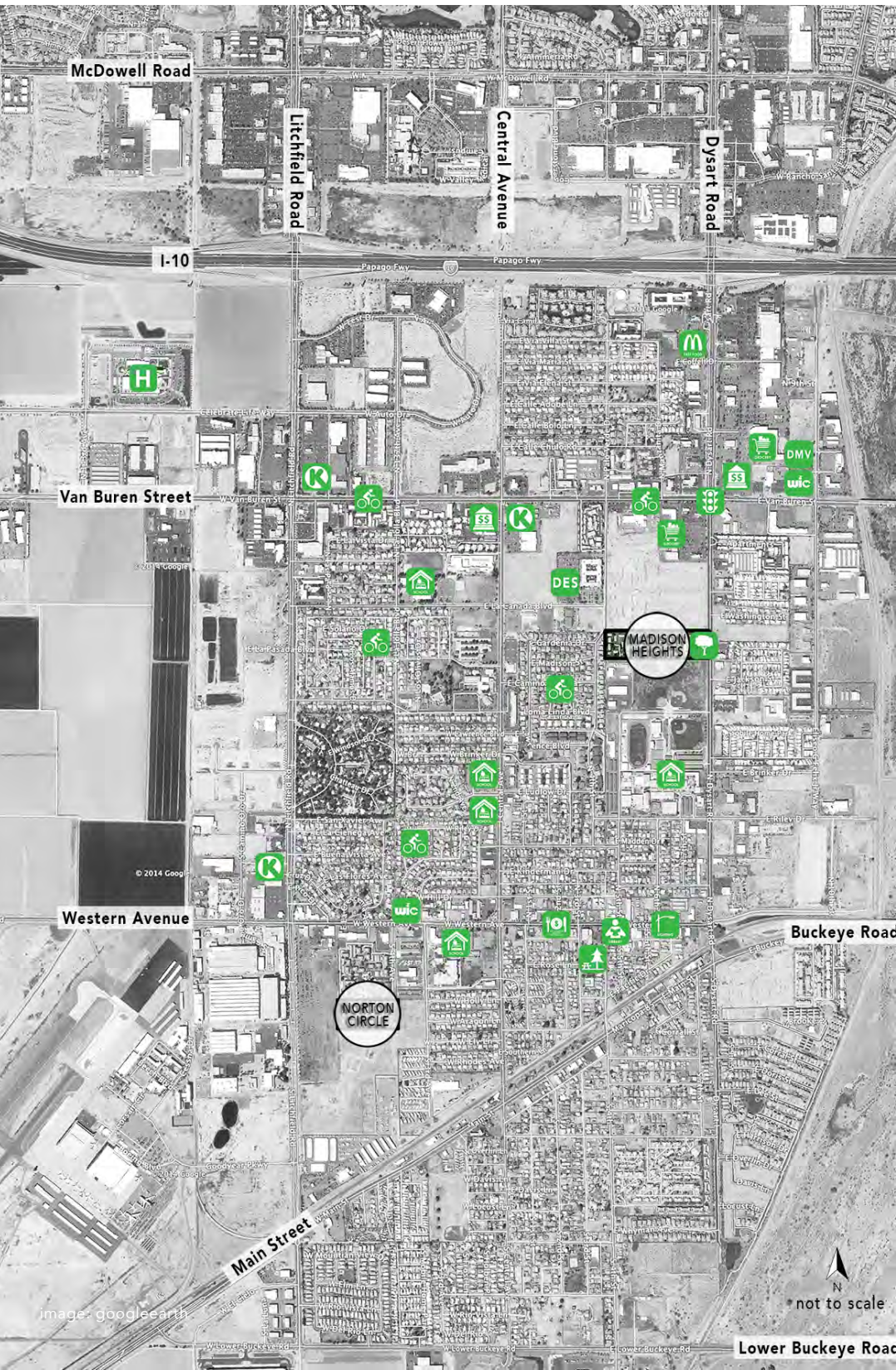
One of the core principles of participatory planning is encouraging community members to take ownership of planning for their own communities. This includes assessing current conditions of a specific area including the strengths and weaknesses as well as determining what is needed and desired.

Community members address a range of issues such as quality of infrastructure, availability of services and amenities, opportunities for recreation and active living and access to healthy food. Some of these features might be present within the study area and working well (asset) or they may be present but completely dysfunctional (liability). Understanding where and why allows the city and community members to work together to create a healthier, more vibrant environment.



The first exercise in the participatory planning workshop involved participants assessing the positive aspects of Historic Avondale. Community assets are defined

as “anything that can be used to improve the quality of community life” and may include people, places, services and businesses (Community Tool Box, n.d.).



legend

- park
- cycling
- shade trees
- supermarket
- affordable healthy restaurant
- WIC: women, infants & children
- Circle K
- fast food restaurant
- lighting
- traffic light
- library
- school
- hospital
- Department of Economic Security
- Department of Motor Vehicles
- bank

Workshop participants classified several district elements as community assets ranging from the Sam Garcia Western Avenue Library and the Salvation Army to neighborhood schools on Central Avenue and transportation infrastructure. The following list outlines the most frequently recognized assets among participants.

Access to grocery stores and food outlets. Residents identified as assets Food City and Sam's Club for their close proximity to Madison Heights. Several residents also cited Circle K as an asset both for its accessibility and for the increased food options the stores are providing.

Access to restaurants. Residents appreciated the availability and variety of restaurants on Western Avenue. Also cited as positive were the many fast food options available in the vicinity of Dysart Road and Van Buren Street.

Access to services. The ease of visiting the Departments of Economic Security and Motor Vehicles lessened the travel burden on residents making these two offices welcomed assets. DES is within walking distance of Madison Heights. Also singled out was proximity to two WIC sites.

Access to community institutions. Several residents spoke positively about the Sam Garcia Library as well as the presence of several schools in the vicinity. The Michael Anderson School off Western Avenue as well as Lattie Coor Elementary and the Eliseo C. Felix School along Central Avenue were cited in particular.

Western Avenue Amphitheater



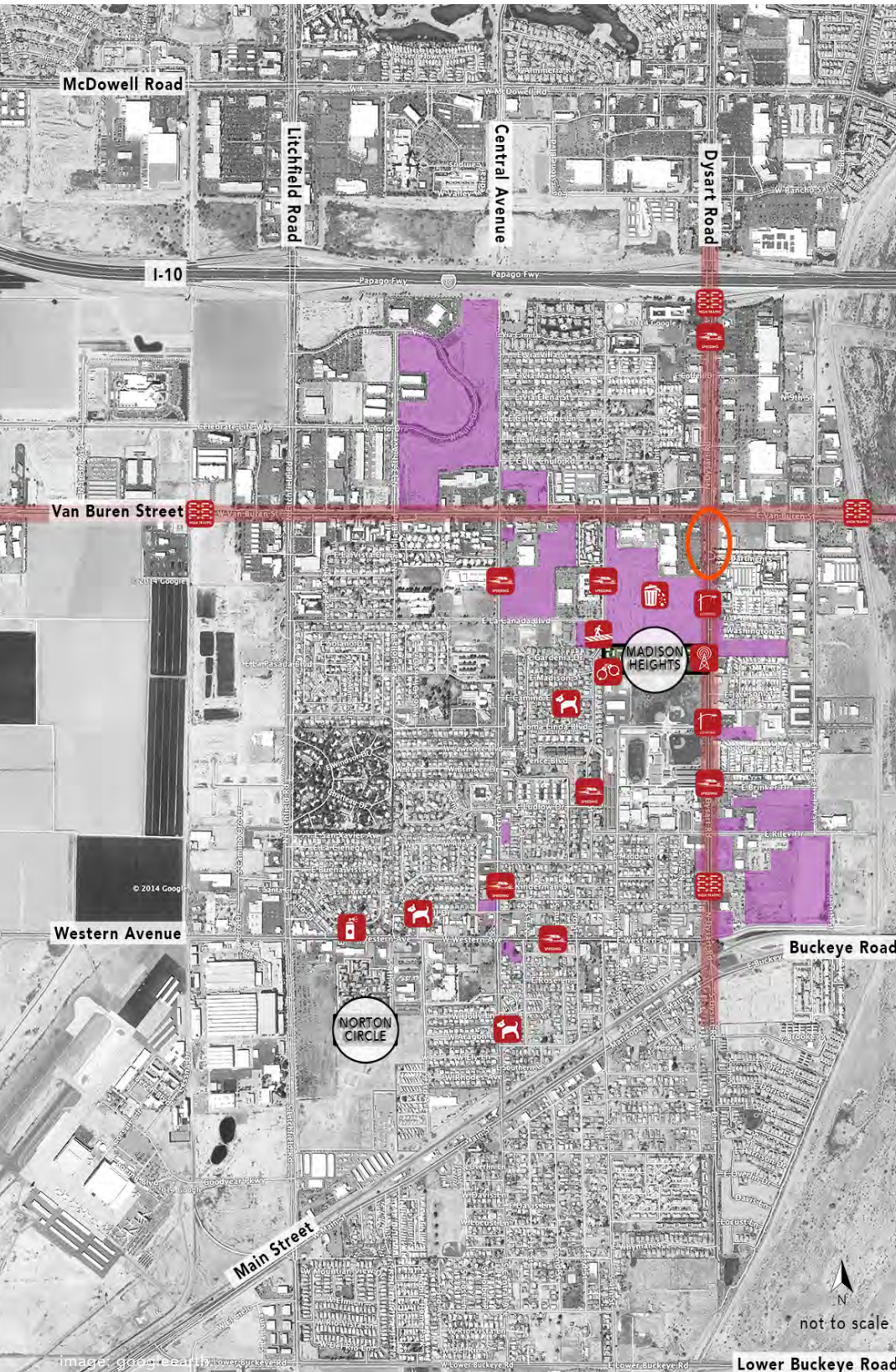
Transportation and transportation infrastructure. Although there are no bike lanes in the area, residents enjoy cycling on Van Buren Street and in the neighborhood abutting Madison Heights to the west. In a mixed response, some residents feel the lighting on Western Avenue is adequate while others do not. Two residents identified the traffic light at Van Buren and Dysart as a positive feature.

Social cohesion. Residents of Norton Circle identified their community as close-knit, one where neighbors watch out for each other. Norton Circle residents also have a good relationship with Police working in the area.



Workshop participants identified neighborhood attributes considered to be liabilities throughout the Historic Avondale District.

The following map represents those elements residents singled out as problems.



legend

- heavy traffic
- speeding traffic
- dangerous pedestrian crossing
- poor lighting
- poor phone reception
- loose dogs
- trash
- crime
- tagging
- dangerous turns
- vacant lots
- heavy traffic street

Transportation and transportation infrastructure. Residents cited several transportation related problems that make attending to the activities of daily living difficult.

1. **Bike lanes.** There are few marked bike lanes throughout Historic Avondale. Many residents, especially children, enjoy cycling in the neighborhoods to the west of Madison Heights. However, the lack of bike lanes on high traffic streets such as N 4th Street and N Central Avenue creates a dangerous situation.
2. **Sidewalks.** Many sidewalks are either in disrepair or missing altogether. Since many residents walk to destinations, the absence of sidewalks, sidewalks that suddenly end and sidewalks that have cracks and are not ADA accessible create challenging situations.
3. **High traffic and speeding.** According to residents, speeding traffic affects the entire Historic Avondale District. Cars race on major streets as well as through residential neighborhoods. Streets identified as particularly problematic are Dysart Road, Van Buren Street, Central Avenue, 4th Street and Western Avenue. Residents suggested lowering the speed limit on the streets surrounding Agua Fria High School to accommodate students arriving and leaving school.
4. **Street condition.** Residents of both Madison Heights and Norton Circle commented on the poor condition of local streets. Potholes are prevalent throughout the area damaging cars as well as creating hazards for cyclists, walkers and wheelchair and scooter riders.

5. **Transit services and bus stops.** The lack of Sunday bus service poses a problem for many residents, especially those reliant on public transportation for all of their travel needs. The dearth of bus stops in some areas (e.g. Central and Western Avenues) makes accessing the bus challenging. Also noted as a significant problem is the lack of shade and seating at existing bus stops. While the Zoom Circulator is appreciated, its limited routes and restricted operating times constrain its usability for many residents.
6. **Intersections.** Two areas were identified by residents as dangerous: crossing N 4th Street in the area west of Madison Heights and turning into Food City from Dysart Road.

Lighting. Numerous areas throughout the district stood out as poorly lit: Dysart Road south of Van Buren Street; Van Buren Street; Madison Heights and the adjacent neighborhoods; and the area surrounding Norton Circle.

Parks. Residents of Madison Heights and Norton Circle are dismayed at the lack of quality parks available to them. Neither community features adequate play space or amenities for kids. While Historic Avondale does have several parks, most do not have sufficient programming to meet the needs of the community.

Supermarkets and grocery stores.

With only two full-service supermarkets located within Historic Avondale (both are Food City stores), residents expressed frustration at the lack of choice and access to other options. There are no supermarkets on the western side of the district. In addition, many residents feel that the quality of food available to them is less than optimal.

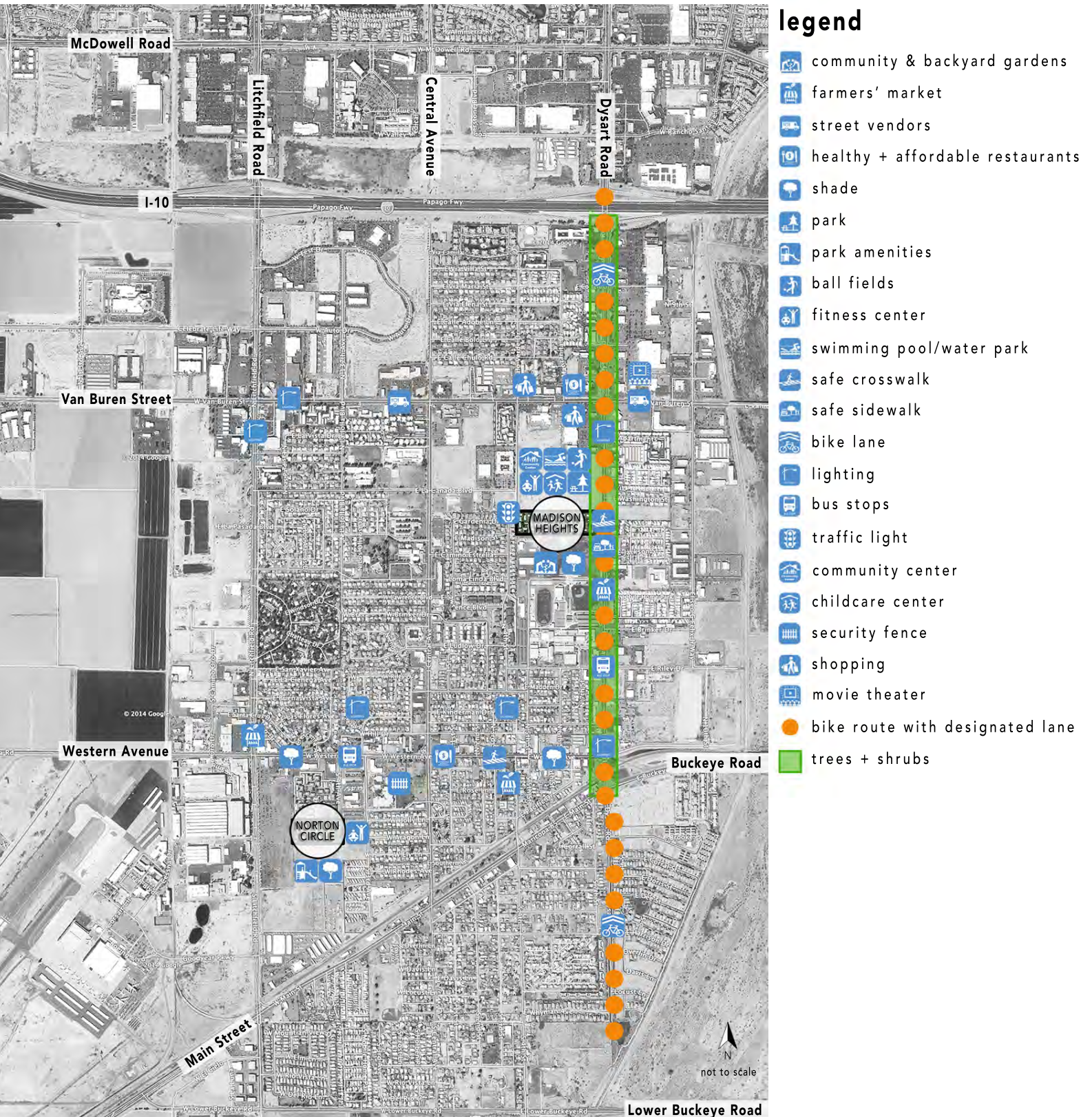
Vacant lots. Historic Avondale is peppered with vacant lots, many of them quite large. The nearly 30-acre vacant lot north of Madison Heights collects trash, is criss-crossed with trails and is the source of dust pollution on windy days. Vacant lots also are prevalent on Central Avenue, Litchfield Road, the east side of Dysart Road and surrounding Norton Circle.

Additional identified liabilities. Feral cats and **stray dogs** roam Historic Avondale, causing problems for residents. People walking their dogs in the vicinity of Madison Heights do not pick up after their pets creating unsanitary conditions. Madison Heights residents cite **crime** as a problem in their community. The lack of police presence emboldens criminals. **Noise** from the nearby airport also negatively affects residents.



Workshop participants were asked to suggest changes to existing amenities or to propose new amenities that relate to community services, streets and

transportation, recreational facilities, active living and/or healthy food. The following map depicts desired elements for the Historic Avondale District.



Transportation and transportation infrastructure. Residents advocated for improving transportation options throughout Historic Avondale.

1. **Bus routes and bus stops.** Adding bus routes to access more destinations such as Estrella Mountain Community College is important to residents. Also, additional bus stops need to be added to make accessing the bus more convenient. Specific areas requiring more bus stops are along Dysart in the vicinity of Madison Heights and along Western Avenue. All bus stops need more shade and seating.
2. **Bike lanes.** Dysart Road and Van Buren Street see considerable bike traffic but the lack of designated bike lanes forces riders to use the sidewalk. Adding a bike lane to these streets would increase safety for cyclists and pedestrians.
3. **Walkable pathways.** Adding walkable pathways to the Historic Avondale District would increase walking and heighten safety. Residents would like the pathways to connect to destinations such as the Sam Garcia Library on Western Avenue.
4. **Stoplights and crosswalks.** Madison Heights' residents frequently cross N 4th Street just north of E Gardenia Drive. Given the heavy and often speeding traffic on N 4th Street, installing a stoplight or hawk light with a well-marked crosswalk would increase pedestrian safety. Central Avenue also has a dearth of safe pedestrian crosswalks creating a dangerous situation for the many school children in the area. With children routinely crossing Dysart Road in front of Madison Heights, residents would like to see a crosswalk there as well.

5. **Traffic calming.** To address the issue of speeding traffic, residents advocate installing traffic calming devices such as speed bumps in the neighborhoods west of Madison Heights. These streets often are used for cycling and walking and the speeding traffic makes residents feel unsafe.

Lighting. Many areas in Historic Avondale do not have enough lighting leading residents to perceive their neighborhoods as unsafe. Additional lighting was requested for Madison Heights and Norton Circle, the neighborhood north of Western Avenue, Litchfield and Dysart Roads and Van Buren Street.

Parks and recreation. Residents were unanimous in their desire to see more recreational opportunities in their community. In addition to better park programming, people would like to have a recreation center that features a water park, soccer and basketball facilities and fitness center nearby. Suggested sites include the vacant lot north of Madison Heights or one of the vacant lots on Central Avenue.



Healthy food. Access to healthy, fresh food is limited in Historic Avondale. With few supermarkets or ethnic markets, residents have few options to purchase quality food nearby. Several suggestions were made to ameliorate this situation:

1. **Farmers' markets.** Residents would like to see a farmers' market opened in Historic Avondale. Several suggested citing one at the corner of Litchfield Road and Western Avenue.
2. **Street vendors.** Allowing street vendors to operate in the historic district would create additional fresh food venues as well as create opportunities for residents to grow small businesses. Van Buren Street was cited as a location where people would most like to see street vendors.
3. **Community gardens.** The need for community gardens also was discussed. Growing fresh produce not only increases availability, it also reduces food costs for residents. In particular, residents would like to have one near Madison Heights.
4. **Affordable, healthy food restaurants.** While residents regularly consume fast food, many cited the absence of affordable, healthy food restaurants as a problem. Incentivizing people to open quality restaurants would increase availability of healthy food and create business opportunities.
5. **Supermarkets and grocery stores.** Historic Avondale currently only has two Food City supermarkets and a Sam's Club (requiring membership). Discouraged by the lack of variety and quality, residents would like to see another supermarket move into the area.

Health clinics. Residents noted the lack of access to healthcare in their community. With few existing clinics, residents must travel north of I-10 to receive care. While residents do use Walgreens' in-store clinic, they cited the need for an urgent care clinic as well as another family health clinic (the Avondale Family Health Center is located on Van Buren).

Landscape. The lack of shade trees and mature vegetation throughout Historic Avondale was noted by many residents. Madison Heights' residents pushed for installing trees and shrubs along Dysart Road to make walking along the street an enjoyable experience. Some residents pointed to poor maintenance of existing landscaping, citing the presence of weeds and trash as something they would like to see addressed.

Additional desired community amenities

Residents noted an absence of various elements that would enhance their lives.

1. **Head Start Program.** Opening a Head Start Program in the district would assist many of the low-income families.
2. **Community center.** Residents indicated they would like a community center that offered programs for people of all ages. The Avondale Community Center located south of Main Street offers programming mostly aimed at seniors.
3. **Shopping.** Most residents would like to see more shopping options in Historic Avondale especially if new businesses could fill some of the vacant buildings.
4. **Movie theater.** Locating a movie theater in the district would increase entertainment options for residents.
5. **Banks.** More banks in Historic Avondale would be valuable to residents.

Housing. Residents of Madison Heights and Norton Circle expressed many desires related to their new housing. In addition to the following elements, residents would like to have better community engagement and develop a good relationship with management.

1. **Single-story housing.** Many residents requested that new housing be single story to reduce the possibility of noisy upstairs neighbors. The prospect of children running and jumping above someone's living space was a significant concern.
2. **Private yard space.** Being able to plant a garden and have a private, fenced outdoor space is important to residents.
3. **Landscape.** To make the common spaces more desirable, residents requested more greenery - trees, shrubs and grass. This also will make the area more temperate in the summer.
4. **Community recreation area.** Across the board, residents requested that developers provide well-designed outdoor space that features playgrounds for children, BBQ areas for families and ramadas for family gatherings.
5. **Fitness center.** According to residents, locating a fitness center on-site would increase their ability to be physically active. Providing a free, easily accessible place to exercise is highly desired by many residents.
6. **Community center.** Residents would like to have an on-site community center that includes a business and learning center and a club room for children's parties.

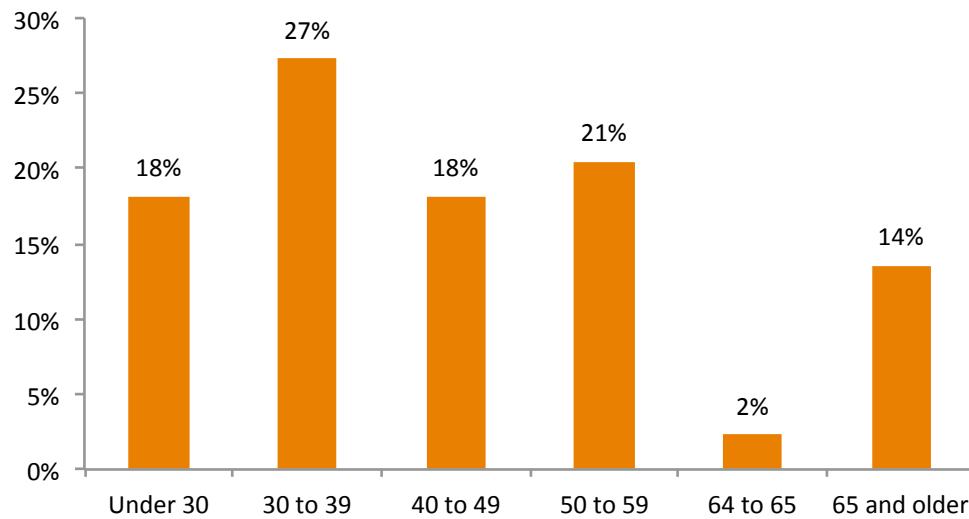
7. **ADA accessible apartments.** Currently there are few ADA accessible apartments which does not meet the needs of current and future residents.
8. **Covered parking.** In addition to increasing the size of the parking area, residents advocate for the parking to be covered. This would help reduce on-site summer heat gain.
9. **Cable TV and wireless.** Residents would like to have access to cable television, consistent wireless connection and good phone reception.
10. **Security doors.** Installing security doors on new residences would allow residents to safely keep their doors open in temperate weather thereby reducing utility costs.
11. **Gated community.** Several residents stated they would like the new development to be a gated community.



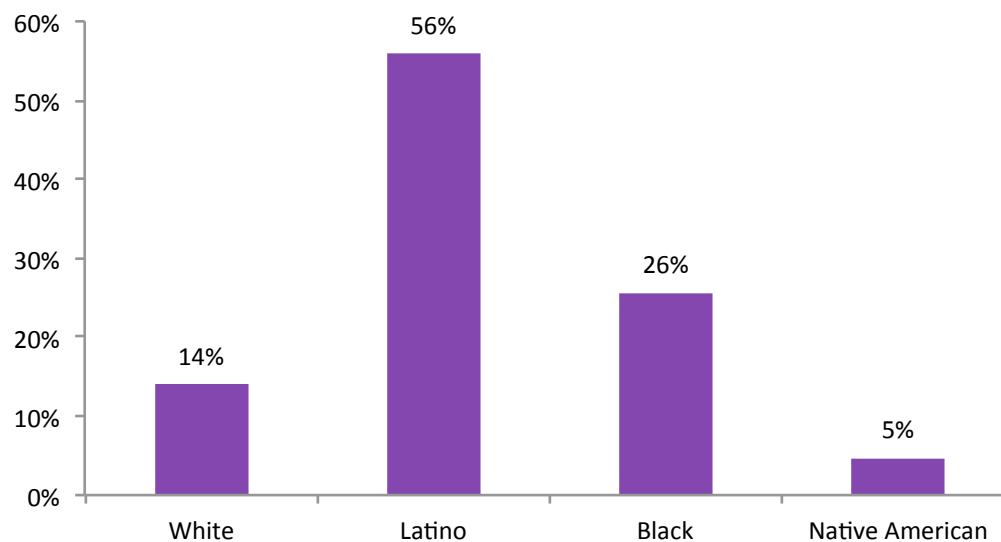
In addition to the environmental assessment portion of the participatory workshop, participants were asked to complete a health assessment survey addressing neighborhood issues and concerns about healthy eating, physical activity and access to public transportation. Of the 107 workshop participants, 44 completed the survey.



Survey respondents' ages ranged across the lifespan with a significant percentage of younger participants.



The majority of respondents were of Hispanic origin (56%) followed by 26% Black, 14% White and 5% Native American.

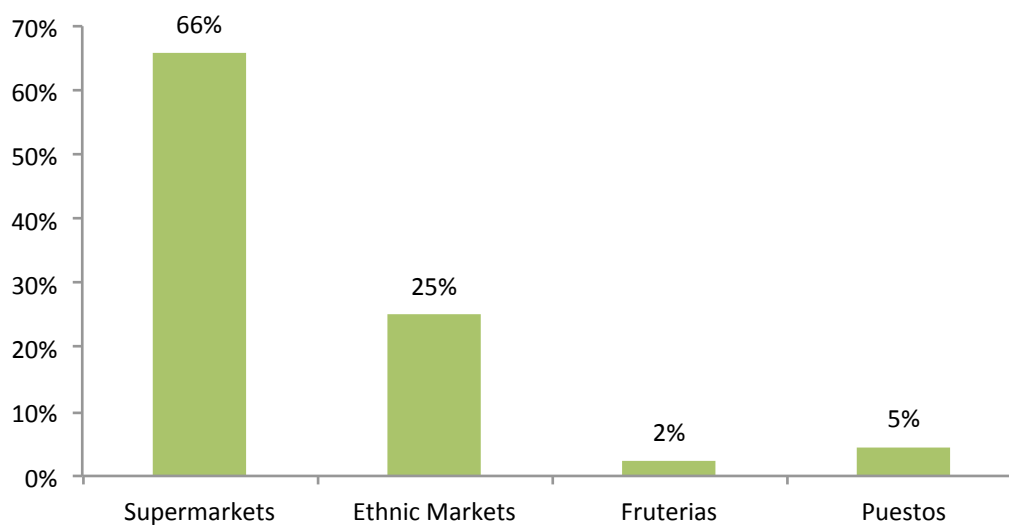


The majority of respondents (66 %) purchased their food at supermarkets. Twenty-five percent shop at ethnic markets such as carnicerias or panaderias followed by 7% of participants who purchase their food and fresh produce at fruterias and puestos (fruit stores and street vendors).

The availability of fresh food within Historic Avondale is limited: there are two supermarkets (Food City), two panaderias and two carnicerias. Numerous Mexican food restaurants dot the district, offering “fast food” such as burritos, tacos and tortas.



tacqueria and panaderia on Western Avenue



Food City on Dysart Road

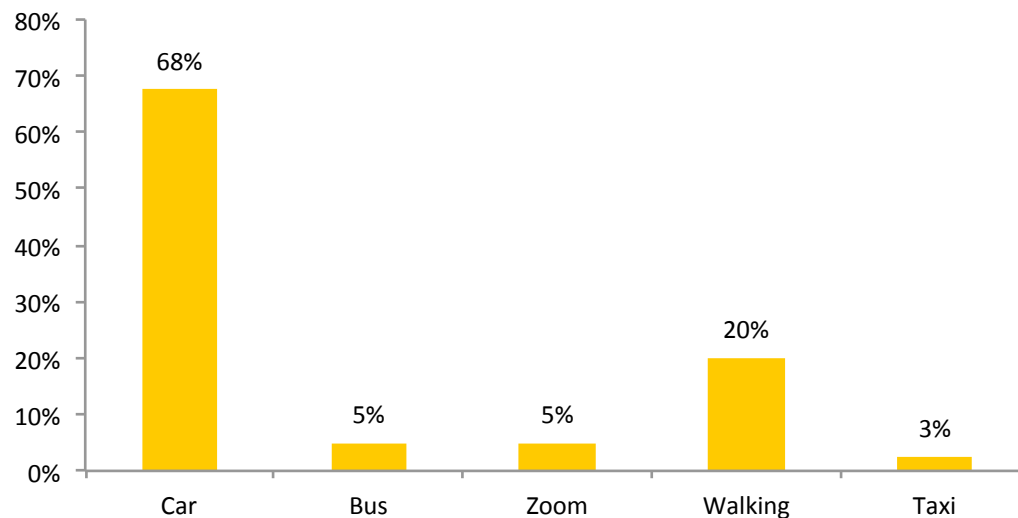


Participants reported using various modes of transportation to reach food stores. The majority (68%) listed the car as their main mode of transportation. Significantly, 20% reported walking to grocery stores. The proximity of Madison Heights to the Food City located at the southwest corner of Van Buren Street and Dysart Road could explain this relatively high percentage.

Ten percent of respondents use the bus and the Zoom circulator for grocery shopping while 3% use taxis.

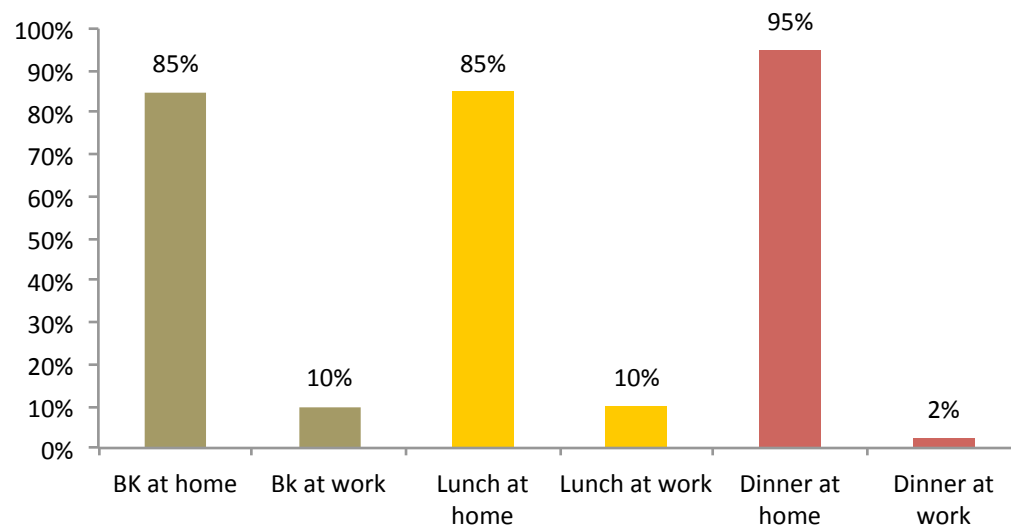


field between Madison Heights and Food City



Most participants (64%) reported having access to a grocery store located within a ten minute walk from their home: 41% noted that at least one food store was within .5 mile from their home while 34% said they had at least two stores within .5 mile.

For a majority of residents, meals are consumed at home: 85% eat breakfast and lunch at home and 95% eat dinner at home. A small percentage reported eating at work: 10% eat breakfast and lunch at work and only 2% eat dinner at work.

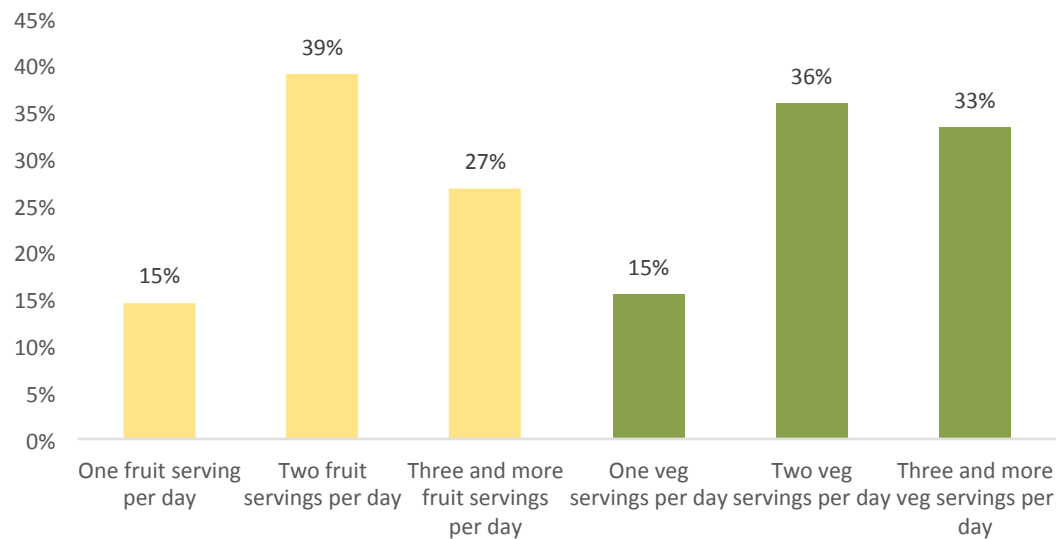


Food City on Main Street

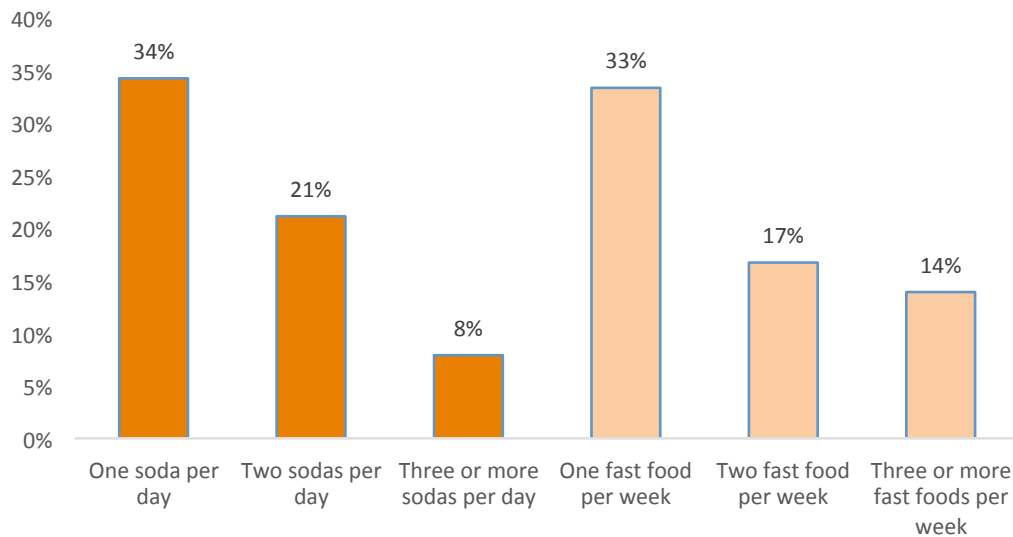


Daily food intake was divided in four different groups: daily servings of fruits, vegetables and soda, and weekly servings fast food.

Almost 40% of participants reported eating two servings of fruit per day while 27% reported consuming up to four servings of fruit per day. Only 15% stated they ate one serving of fruit per day. The same trend was reported for vegetable consumption: 51% reporting eating between one and two servings of vegetables per day followed by 33% reported eating up to three servings of vegetables per day. Overall the intake of fresh fruits and vegetables among residents of Madison Heights and Norton Circle is relatively high.



Significantly, the intake of soda and fast food is also fairly high: 55% reported having between one and two sodas per day while 8% reported drinking three or more sodas per day. The majority of respondents consume fast food each week: 33% once per week, 17% twice per week and 14% three or more times per week.



Del Taco on Dysart Road



image: googleearth

Perhaps unsurprisingly, the affordability of fresh food is a concern among low and moderate income residents. For 60% of respondents, price was a key factor limiting their intake of fresh food. Other factors negatively affecting respondents diets include the lack of variety and limited selection of fresh food (27%) and transportation challenges (27%).

Lack of time plagues many families: 9% stated they did not have time to cook during the week while 18% noted cooking fresh meals from scratch was too time consuming. Interestingly, 20% of participants expressed the need to educate their families on the value and taste of healthy, fresh food.

When purchasing fresh food, 66% percent cited quality as very important. For 27% of respondents the ability to purchase ethnic foods is a priority and 39% prefer purchasing organic fresh foods.



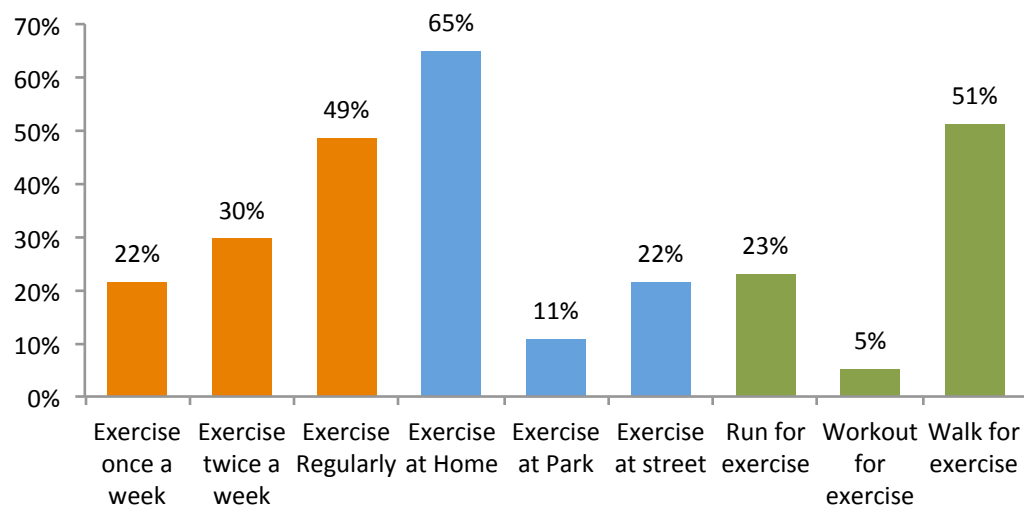
Residents were asked about their physical activity. Activities such as doing yard work, cleaning and other physical work were considered as exercise. The weekly frequency of exercise varied among participants: 49% exercise regularly, 22% once a week and 30% at least twice a week.

The majority of respondents (65%) exercised at home followed by 22% who utilized the streets for exercise and 11% who frequented parks. Most people (51%) walked for exercise followed by 23% who choose to run. A small percentage (5%) of people visit a gym for their workout.

Most residents exercised for less than an hour each time: 37% reported exercising 30 minutes or less while only 19% reported exercising for an hour or more. Morning is the most popular time to exercise (53%) followed by mid-day (28%) and evening (19%).



www.pedbikeimages.org/danburden



The vast majority of residents (77%) indicated that an exercise room within their housing complex would allow them to increase their physical activity. Given that cost was cited as a barrier to physical exercise for 32% of residents, an on-site fitness center would remove that obstacle.

Historic Avondale contains several parks however none feature adequate programming for individuals or families. In addition, most are reported as not safe. While 76% of respondents reported having a park within walking distance from their home, only 43% had visited one of those parks in the past thirty days.

Citing an unsafe environment, 18% of residents do not walk in their neighborhood. Fifty-eight percent of respondents asserted that the lack of programs and activities for younger adults contributed to a high rate of physical inactivity among this group.



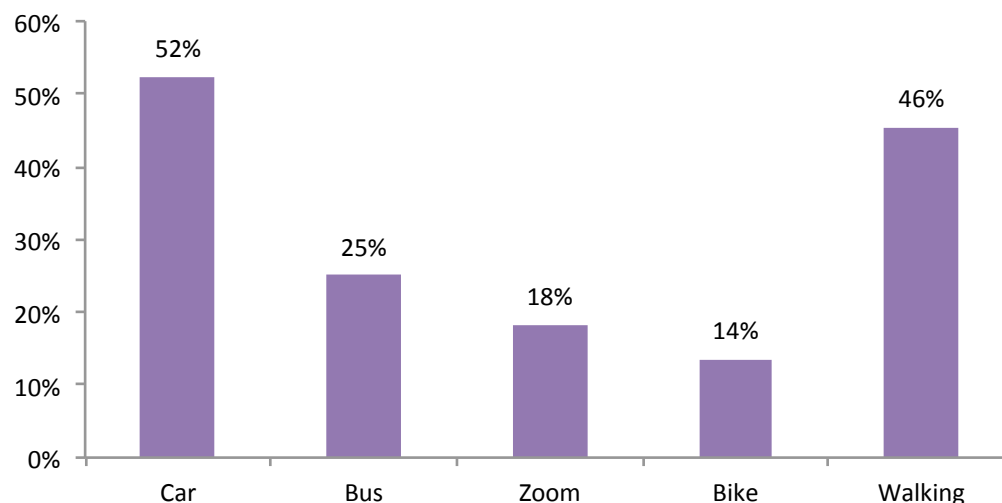
Cars continue to be the primary form of transportation for residents of Madison Heights and Norton Circle: 52% of respondents reported using cars for most activities. Many, however, utilize public transportation: 25% regularly ride buses and 18% use the Zoom circulator. A significant portion of the respondents (46%) walk to their destinations followed by 14% who bike.

Despite the high use of cars, 33% of residents use public transit as one of their main modes of transportation. Among these users, 18% use public transit to go to work and another 18% use it to get to school. Twenty-seven percent use public transit to travel to grocery stores and another 18% use it to go to parks. Twenty-seven percent also use public transit to access health services providers, such as clinics and hospitals.

Eighteen percent of individuals uses public transit once a week while 29% take advantage of the Zoom circulator or public transit twice a week. Fourteen percent use public transit during the work week, Monday through Friday.

People who do not use public transit reported several reasons preventing them from using these services: it takes too long to reach a destination (16%); lack of convenient times (11%); price (14%); and bus stop too far or not comfortable (14%).

Madison Heights is located on a highly trafficked street (Dysart Road). However, despite the high traffic, public transit routes and frequency are limited. Norton Circle is located south of Western Avenue, a street with much less traffic and even less public transit opportunities. The lack of transit options within walking distance forces residents of these two developments to rely primarily on private cars as their main form of transportation.



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Health Survey Data

APPENDIX A

AVONDALE HEALTH IMPACT ASSESSMENT

Madison Heights and Norton Circle

Historic Avondale District


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FREQUENCIES VARIABLES=Qg1 Qg2 Qg3 Qg4 QNF1 QNF2 QNF3 QNF4 QNF5 QNF7a QNF7b QNF7c QNF7d QNF7e QNF8
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/ORDER=ANALYSIS.

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Frequencies

[DataSet1] C:\Users\Ernesto\Dropbox\ELEMENTAL\Avondale HIA\AVONDALE HIA Survey Data Set.sav

Statistics

		Age	Ethnicity	Gender	Income	Do you know your neighbors?	If you know your neighbors, do you talk to them and socialize with them?
N	Valid	44	43	41	22	40	41
	Missing	0	1	3	22	4	3

Statistics

		What can the housing authority do to help you get to know your neighbors better?	Would you be interested in becoming more involved in your neighborhood ?	If there were a formal organization such as a resident council, would you be interested in participating?	Where do you shop for fresh food? Supermarkets	Where do you shop for fresh food? Ethnic markets.
N	Valid	39	41	40	29	11
	Missing	5	3	4	15	33

Statistics

		Where do you shop for fresh food? Farmers' markets.	Where do you shop for fresh food? Flea markets.	Where do you shop for fresh food? Other.	How do you get your groceries?	If you walk to your grocery store and back: do you feel safe walking alone?
N	Valid	1	2	7	40	12
	Missing	43	42	37	4	32

Statistics

		If you walk to your grocery store and back: does it feel safe walking in the evenings?	If you walk to your grocery store and back: does it feel safe for all family members?	How far is your grocery store from your house?	During the week, where do you eat your breakfast?	During the week, where do you eat your lunch?
N	Valid	8	14	40	40	40
	Missing	36	30	4	4	4

Statistics

		During the week, where do you eat your dinner?	How many stores within 1/2 mile of your home sell fresh fruits and vegetables?	How many servings of fruit do you usually eat in a typical day? Do not count juices.	How many servings of vegetables do you usually eat in a typical day? Do not count fried potatoes or french fries.	How many servings of soda, juice or other sugary drinks such as Coke or 7-up do you usually drink in a typical day? Do not count diet soda.
N	Valid	39	37	41	39	38
	Missing	5	7	3	5	6

Statistics

		During a typical week, how many times per week do you eat fast food, such as food you eat at McDonald's, KFC, Panda Express, or Taco Bell?	What is the single most important thing that would help you improve your diet? Affordable foods where I buy my groceries.	What is the single most important thing that would help you improve your diet? Better selection of fruits and veggies at store.	What is the single most important thing that would help you improve your diet? More grocery stores in neighborhood.	What is the single most important thing that would help you improve your diet? Access to transportation to go to grocery store.
N	Valid	36	26	12	20	12
	Missing	8	18	32	24	32

Statistics

		What is the single most important thing that would help you improve your diet? More time to shop.	What is the single most important thing that would help you improve your diet? More time to cook fresh foods.	What is the single most important thing that would help you improve your diet? I need to teach my family about healthy food.	What is the single most important thing that would help you improve your diet? I need to know how to cook.	What is the single most important thing that would help you improve your diet? Other.
N	Valid	4	8	9	5	1
	Missing	40	36	35	39	43

Statistics

		In deciding what fresh foods to buy, what are the most important factors? Price.	In deciding what fresh foods to buy, what are the most important factors? Quality.	In deciding what fresh foods to buy, what are the most important factors? Organic.	In deciding what fresh foods to buy, what are the most important factors? Locally grown.	In deciding what fresh foods to buy, what are the most important factors? Popular in my culture.
N	Valid	37	29	17	15	12
	Missing	7	15	27	29	32

Statistics

		In deciding what fresh foods to buy, what are the most important factors? Social justice.	In deciding what fresh foods to buy, what are the most important factors? Other.	Which of the following would you support? More fresh foods and veggies in schools.	Which of the following would you support? More fresh foods and veggies in local stores.	Which of the following would you support? More fresh foods and veggies in restaurants.
N	Valid	13	2	29	28	18
	Missing	31	42	15	16	26

Statistics

		Which of the following would you support? More cooking & nutrition classes.	Which of the following would you support? More community gardens for people to grow their own food.	Which of the following would you support? Other.	Do you exercise? Do not include activities that you do at work.	Where do you exercise or play sports?
N	Valid	25	24	1	36	37
	Missing	19	20	43	8	7

Statistics

		What type of exercise do you do?	How many times per week or month do you exercise?	When you take part in this activity, how many minutes/hours do you usually keep at it?	When do you exercise?	Is there a park or playground or open space within walking distance of your home?
N	Valid	39	37	38	36	37
	Missing	5	7	6	8	7

Statistics

		In the past 30 days have you been to a park, playground or open space?	How far is the place at which you exercise?	What factors make difficult for you to get physical activity you want? No time.	What factors make difficult for you to get physical activity you want? Physical disability.	What factors make difficult for you to get physical activity you want? Few parks in my neighborhood.
N	Valid	35	30	5	9	12
	Missing	9	14	39	35	32

Statistics

		What factors make difficult for you to get physical activity you want? Expensive recreational activities.	What factors make difficult for you to get physical activity you want? I don't feel safe.	What factors make difficult for you to get physical activity you want? Not enough walking or biking paths.	What factors make difficult for you to get physical activity you want? Other.	If your neighborhood had an exercise room would you use it?
N	Valid	14	8	15	6	39
	Missing	30	36	29	38	5

Statistics

		Are there any resources, services, and or extracurricular activities in the area for young people?	What type of transport do you use? Car.	What type of transport do you use? Bus.	What type of transport do you use? Zoom.	What type of transport do you use? Bike.
N	Valid	36	24	11	8	6
	Missing	8	20	33	36	38

Statistics

		What type of transport do you use? Walking.	What type of transport do you use? Taxi.	Do you use public transportation ?	If you use public transport, what do use it for? To go to work.	If you use public transport, what do use it for? To go to school.
N	Valid	20	7	38	8	8
	Missing	24	37	6	36	36

Statistics

		If you use public transport, what do use it for? To go shopping.	If you use public transport, what do use it for? To buy groceries.	If you use public transport, what do use it for? To go to a park.	If you use public transport, what do use it for? To go to play or exercise.	If you use public transport, what do use it for? To access healthcare services.
N	Valid	12	13	8	5	12
	Missing	32	31	36	39	32

Statistics

		If you use public transport, what do use it for? To access social services.	If you use public transport, what do use it for? Other.	How many days per week do you use public transport?	How long does it take to reach your work/school by public transportation ?	How far do you walk to a transportation stop?
N	Valid	3	6	28	22	27
	Missing	41	38	16	22	17

Statistics

		If you don't use public transport, why not? It takes too long to go to work.	If you don't use public transport, why not? Service times are not convenient.	If you don't use public transport, why not? There is no service to my destination.	If you don't use public transport, why not? It is too expensive.	If you don't use public transport, why not? It is not safe.
N	Valid	7	5	5	6	1
	Missing	37	39	39	38	43

Statistics

		If you don't use public transport, why not? It is not comfortable.	If you don't use public transport, why not? The bus or zoom stop is too far.
N	Valid	4	5
	Missing	40	39

Frequency Table

Age

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid under 30	8	18.2	18.2	18.2
30 to 39	12	27.3	27.3	45.5
40 to 49	8	18.2	18.2	63.6
50 to 59	9	20.5	20.5	84.1
60 to 64	1	2.3	2.3	86.4
65 and older	6	13.6	13.6	100.0
Total	44	100.0	100.0	

Ethnicity

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid white	6	13.6	14.0	14.0
latino	24	54.5	55.8	69.8
black	11	25.0	25.6	95.3
native american	2	4.5	4.7	100.0
Total	43	97.7	100.0	
Missing System	1	2.3		
Total	44	100.0		

Gender

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Male	6	13.6	14.6	14.6
Female	35	79.5	85.4	100.0
Total	41	93.2	100.0	
Missing System	3	6.8		
Total	44	100.0		

Income

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 10k-20k	19	43.2	86.4	86.4
21k-30k	3	6.8	13.6	100.0
Total	22	50.0	100.0	
Missing System	22	50.0		
Total	44	100.0		

Do you know your neighbors?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	3	6.8	7.5	7.5
	yes	37	84.1	92.5	100.0
	Total	40	90.9	100.0	
Missing	System	4	9.1		
Total		44	100.0		

If you know your neighbors, do you talk to them and socialize with them?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	7	15.9	17.1	17.1
	yes	34	77.3	82.9	100.0
	Total	41	93.2	100.0	
Missing	System	3	6.8		
Total		44	100.0		

What can the housing authority do to help you get to know your neighbors better?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Monthly social events	27	61.4	69.2	69.2
	Holiday gatherings	5	11.4	12.8	82.1
	Provide you with a directory list to support each other	4	9.1	10.3	92.3
	Other	3	6.8	7.7	100.0
	Total	39	88.6	100.0	
Missing	System	5	11.4		
Total		44	100.0		

Would you be interested in becoming more involved in your neighborhood?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	10	22.7	24.4	24.4
	yes	31	70.5	75.6	100.0
	Total	41	93.2	100.0	
Missing	System	3	6.8		
Total		44	100.0		

If there were a formal organization such as a resident council, would you be interested in participating?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	13	29.5	32.5	32.5
	yes	27	61.4	67.5	100.0
	Total	40	90.9	100.0	
Missing	System	4	9.1		
Total		44	100.0		

Where do you shop for fresh food? Supermarkets.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	29	65.9	100.0	100.0
Missing	System	15	34.1		
Total		44	100.0		

Where do you shop for fresh food? Ethnic markets.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	11	25.0	100.0	100.0
Missing	System	33	75.0		
Total		44	100.0		

Where do you shop for fresh food? Farmers' markets.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	1	2.3	100.0	100.0
Missing	System	43	97.7		
Total		44	100.0		

Where do you shop for fresh food? Flea markets.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	2	4.5	100.0	100.0
Missing	System	42	95.5		
Total		44	100.0		

Where do you shop for fresh food? Other.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	7	15.9	100.0	100.0
Missing	System	37	84.1		
Total		44	100.0		

How do you get your groceries?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid car	27	61.4	67.5	67.5
bus	2	4.5	5.0	72.5
Zoon circulator	2	4.5	5.0	77.5
Walking	8	18.2	20.0	97.5
Taxi	1	2.3	2.5	100.0
Total	40	90.9	100.0	
Missing System	4	9.1		
Total	44	100.0		

If you walk to your grocery store and back: do you feel safe walking alone?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	12	27.3	100.0	100.0
Missing System	32	72.7		
Total	44	100.0		

If you walk to your grocery store and back: does it feel safe walking in the evenings?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	8	18.2	100.0	100.0
Missing System	36	81.8		
Total	44	100.0		

If you walk to your grocery store and back: does it feel safe for all family members?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	14	31.8	100.0	100.0
Missing System	30	68.2		
Total	44	100.0		

How far is your grocery store from your house?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	10 min	28	63.6	70.0	70.0
	20 min	9	20.5	22.5	92.5
	30 min	2	4.5	5.0	97.5
	60 min or more	1	2.3	2.5	100.0
	Total	40	90.9	100.0	
Missing	System	4	9.1		
Total		44	100.0		

During the week, where do you eat your breakfast?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	bk at home	34	77.3	85.0	85.0
	bk at work	4	9.1	10.0	95.0
	bk at school	2	4.5	5.0	100.0
	Total	40	90.9	100.0	
Missing	System	4	9.1		
Total		44	100.0		

During the week, where do you eat your lunch?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	lu at home	34	77.3	85.0	85.0
	lu at car	1	2.3	2.5	87.5
	lu at work	4	9.1	10.0	97.5
	lu at school	1	2.3	2.5	100.0
	Total	40	90.9	100.0	
Missing	System	4	9.1		
Total		44	100.0		

During the week, where do you eat your dinner?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	di at home	37	84.1	94.9	94.9
	di at car	1	2.3	2.6	97.4
	di at work	1	2.3	2.6	100.0
	Total	39	88.6	100.0	
Missing	System	5	11.4		
Total		44	100.0		

How many stores within 1/2 mile of your home sell fresh fruits and vegetables?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	4	9.1	10.8	10.8
	1	1	2.3	2.7	13.5
	1	15	34.1	40.5	54.1
	2	7	15.9	18.9	73.0
	3	5	11.4	13.5	86.5
	7	3	6.8	8.1	94.6
	8	1	2.3	2.7	97.3
	10	1	2.3	2.7	100.0
	Total	37	84.1	100.0	
Missing	System	7	15.9		
Total		44	100.0		

How many servings of fruit do you usually eat in a typical day? Do not count juices.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	3	6.8	7.3	7.3
	1	6	13.6	14.6	22.0
	2	16	36.4	39.0	61.0
	3	11	25.0	26.8	87.8
	4	2	4.5	4.9	92.7
	5	2	4.5	4.9	97.6
	9	1	2.3	2.4	100.0
	Total	41	93.2	100.0	
Missing	System	3	6.8		
Total		44	100.0		

How many servings of vegetables do you usually eat in a typical day? Do not count fried potatoes or french fries.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	3	6.8	7.7	7.7
	1	6	13.6	15.4	23.1
	2	14	31.8	35.9	59.0
	3	13	29.5	33.3	92.3
	4	1	2.3	2.6	94.9
	6	2	4.5	5.1	100.0
	Total	39	88.6	100.0	
Missing	System	5	11.4		
Total		44	100.0		

How many servings of soda, juice or other sugary drinks such as Coke or 7-up do you usually drink in a typical day? Do not count diet soda.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	12	27.3	31.6	31.6
	1	13	29.5	34.2	65.8
	2	8	18.2	21.1	86.8
	3	3	6.8	7.9	94.7
	4	1	2.3	2.6	97.4
	8	1	2.3	2.6	100.0
	Total	38	86.4	100.0	
Missing	System	6	13.6		
Total		44	100.0		

During a typical week, how many times per week do you eat fast food, such as food you eat at McDonald's, KFC, Panda Express, or Taco Bell?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	12	27.3	33.3	33.3
	1	12	27.3	33.3	66.7
	2	6	13.6	16.7	83.3
	3	5	11.4	13.9	97.2
	4	1	2.3	2.8	100.0
	Total	36	81.8	100.0	
Missing	System	8	18.2		
Total		44	100.0		

What is the single most important thing that would help you improve your diet? Affordable foods where I buy my groceries.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	26	59.1	100.0	100.0
Missing System	18	40.9		
Total	44	100.0		

What is the single most important thing that would help you improve your diet? Better selection of fruits and veggies at store.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	12	27.3	100.0	100.0
Missing System	32	72.7		
Total	44	100.0		

What is the single most important thing that would help you improve your diet? More grocery stores in neighborhood.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	20	45.5	100.0	100.0
Missing System	24	54.5		
Total	44	100.0		

What is the single most important thing that would help you improve your diet? Access to transportation to go to grocery store.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	12	27.3	100.0	100.0
Missing System	32	72.7		
Total	44	100.0		

What is the single most important thing that would help you improve your diet? More time to shop.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	4	9.1	100.0	100.0
Missing System	40	90.9		
Total	44	100.0		

What is the single most important thing that would help you improve your diet? More time to cook fresh foods.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	8	18.2	100.0	100.0
Missing System	36	81.8		
Total	44	100.0		

What is the single most important thing that would help you improve your diet? I need to teach my family about healthy food.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	9	20.5	100.0	100.0
Missing System	35	79.5		
Total	44	100.0		

What is the single most important thing that would help you improve your diet? I need to know how to cook.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	5	11.4	100.0	100.0
Missing System	39	88.6		
Total	44	100.0		

What is the single most important thing that would help you improve your diet? Other.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	1	2.3	100.0	100.0
Missing System	43	97.7		
Total	44	100.0		

In deciding what fresh foods to buy, what are the most important factors? Price.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	37	84.1	100.0	100.0
Missing System	7	15.9		
Total	44	100.0		

**In deciding what fresh foods to buy, what are the most important factors?
Quality.**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	29	65.9	100.0	100.0
Missing System	15	34.1		
Total	44	100.0		

**In deciding what fresh foods to buy, what are the most important factors?
Organic.**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	17	38.6	100.0	100.0
Missing System	27	61.4		
Total	44	100.0		

**In deciding what fresh foods to buy, what are the most important factors?
Locally grown.**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	15	34.1	100.0	100.0
Missing System	29	65.9		
Total	44	100.0		

**In deciding what fresh foods to buy, what are the most important factors?
Popular in my culture.**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	12	27.3	100.0	100.0
Missing System	32	72.7		
Total	44	100.0		

**In deciding what fresh foods to buy, what are the most important factors?
Social justice.**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	13	29.5	100.0	100.0
Missing System	31	70.5		
Total	44	100.0		

**In deciding what fresh foods to buy, what are the most important factors?
Other.**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	2	4.5	100.0	100.0
Missing System	42	95.5		
Total	44	100.0		

Which of the following would you support? More fresh foods and veggies in schools.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	29	65.9	100.0	100.0
Missing System	15	34.1		
Total	44	100.0		

Which of the following would you support? More fresh foods and veggies in local stores.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	28	63.6	100.0	100.0
Missing System	16	36.4		
Total	44	100.0		

Which of the following would you support? More fresh foods and veggies in restaurants.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	18	40.9	100.0	100.0
Missing System	26	59.1		
Total	44	100.0		

Which of the following would you support? More cooking & nutrition classes.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	25	56.8	100.0	100.0
Missing System	19	43.2		
Total	44	100.0		

Which of the following would you support? More community gardens for people to grow their own food.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	24	54.5	100.0	100.0
Missing System	20	45.5		
Total	44	100.0		

Which of the following would you support? Other.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	1	2.3	100.0	100.0
Missing System	43	97.7		
Total	44	100.0		

Do you exercise? Do not include activities that you do at work.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	10	22.7	27.8	27.8
yes	26	59.1	72.2	100.0
Total	36	81.8	100.0	
Missing System	8	18.2		
Total	44	100.0		

Where do you exercise or play sports?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid home	24	54.5	64.9	64.9
park	4	9.1	10.8	75.7
street	8	18.2	21.6	97.3
gym	1	2.3	2.7	100.0
Total	37	84.1	100.0	
Missing System	7	15.9		
Total	44	100.0		

What type of exercise do you do?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	run	9	20.5	23.1	23.1
	swim	2	4.5	5.1	28.2
	workout at gym	2	4.5	5.1	33.3
	play sports	3	6.8	7.7	41.0
	walk	20	45.5	51.3	92.3
	other	3	6.8	7.7	100.0
	Total	39	88.6	100.0	
Missing	System	5	11.4		
Total		44	100.0		

How many times per week or month do you exercise?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	once a week	8	18.2	21.6	21.6
	twice a week	11	25.0	29.7	51.4
	three or more times a week	18	40.9	48.6	100.0
	Total	37	84.1	100.0	
Missing	System	7	15.9		
Total		44	100.0		

When you take part in this activity, how many minutes/hours do you usually keep at it?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	10 min	8	18.2	21.1	21.1
	20 min	9	20.5	23.7	44.7
	30 min	14	31.8	36.8	81.6
	1 hr or more	7	15.9	18.4	100.0
	Total	38	86.4	100.0	
Missing	System	6	13.6		
Total		44	100.0		

When do you exercise?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	morning	19	43.2	52.8	52.8
	afternoon	10	22.7	27.8	80.6
	night	7	15.9	19.4	100.0
	Total	36	81.8	100.0	
Missing	System	8	18.2		
Total		44	100.0		

Is there a park or playground or open space within walking distance of your home?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	7	15.9	18.9	18.9
	yes	28	63.6	75.7	94.6
	I don't know	2	4.5	5.4	100.0
	Total	37	84.1	100.0	
Missing	System	7	15.9		
Total		44	100.0		

In the past 30 days have you been to a park, playground or open space?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	17	38.6	48.6	48.6
	yes	15	34.1	42.9	91.4
	I don't know	3	6.8	8.6	100.0
	Total	35	79.5	100.0	
Missing	System	9	20.5		
Total		44	100.0		

How far is the place at which you exercise?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	I exercise at home	16	36.4	53.3	53.3
	10 min	9	20.5	30.0	83.3
	20 min	3	6.8	10.0	93.3
	30 min	1	2.3	3.3	96.7
	60 min or more	1	2.3	3.3	100.0
	Total	30	68.2	100.0	
Missing	System	14	31.8		
Total		44	100.0		

What factors make difficult for you to get physical activity you want? No time.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	5	11.4	100.0	100.0
Missing System	39	88.6		
Total	44	100.0		

What factors make difficult for you to get physical activity you want? Physical disability.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	9	20.5	100.0	100.0
Missing System	35	79.5		
Total	44	100.0		

What factors make difficult for you to get physical activity you want? Few parks in my neighborhood.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	12	27.3	100.0	100.0
Missing System	32	72.7		
Total	44	100.0		

What factors make difficult for you to get physical activity you want? Expensive recreational activities.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	14	31.8	100.0	100.0
Missing System	30	68.2		
Total	44	100.0		

What factors make difficult for you to get physical activity you want? I don't feel safe.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	8	18.2	100.0	100.0
Missing System	36	81.8		
Total	44	100.0		

What factors make difficult for you to get physical activity you want? Not enough walking or biking paths.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	15	34.1	100.0	100.0
Missing System	29	65.9		
Total	44	100.0		

What factors make difficult for you to get physical activity you want? Other.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	6	13.6	100.0	100.0
Missing System	38	86.4		
Total	44	100.0		

If your neighborhood had an exercise room would you use it?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	9	20.5	23.1	23.1
yes	30	68.2	76.9	100.0
Total	39	88.6	100.0	
Missing System	5	11.4		
Total	44	100.0		

Are there any resources, services, and or extracurricular activities in the area for young people?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	21	47.7	58.3	58.3
yes	7	15.9	19.4	77.8
I don't know	8	18.2	22.2	100.0
Total	36	81.8	100.0	
Missing System	8	18.2		
Total	44	100.0		

What type of transport do you use? Car.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	1	2.3	4.2	4.2
yes	23	52.3	95.8	100.0
Total	24	54.5	100.0	
Missing System	20	45.5		
Total	44	100.0		

What type of transport do you use? Bus.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	11	25.0	100.0	100.0
Missing System	33	75.0		
Total	44	100.0		

What type of transport do you use? Zoom.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	8	18.2	100.0	100.0
Missing System	36	81.8		
Total	44	100.0		

What type of transport do you use? Bike.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	6	13.6	100.0	100.0
Missing System	38	86.4		
Total	44	100.0		

What type of transport do you use? Walking.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	20	45.5	100.0	100.0
Missing System	24	54.5		
Total	44	100.0		

What type of transport do you use? Taxi.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	7	15.9	100.0	100.0
Missing System	37	84.1		
Total	44	100.0		

Do you use public transportation?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	19	43.2	50.0	50.0
yes	19	43.2	50.0	100.0
Total	38	86.4	100.0	
Missing System	6	13.6		
Total	44	100.0		

If you use public transport, what do use it for? To go to work.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	8	18.2	100.0	100.0
Missing System	36	81.8		
Total	44	100.0		

If you use public transport, what do use it for? To go to school.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	8	18.2	100.0	100.0
Missing System	36	81.8		
Total	44	100.0		

If you use public transport, what do use it for? To go shopping.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	12	27.3	100.0	100.0
Missing System	32	72.7		
Total	44	100.0		

If you use public transport, what do use it for? To buy groceries.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	13	29.5	100.0	100.0
Missing System	31	70.5		
Total	44	100.0		

If you use public transport, what do use it for? To go to a park.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	8	18.2	100.0	100.0
Missing System	36	81.8		
Total	44	100.0		

If you use public transport, what do use it for? To go to play or exercise.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	5	11.4	100.0	100.0
Missing System	39	88.6		
Total	44	100.0		

If you use public transport, what do use it for? To access healthcare services.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	12	27.3	100.0	100.0
Missing System	32	72.7		
Total	44	100.0		

If you use public transport, what do use it for? To access social services.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	3	6.8	100.0	100.0
Missing System	41	93.2		
Total	44	100.0		

If you use public transport, what do use it for? Other.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	6	13.6	100.0	100.0
Missing System	38	86.4		
Total	44	100.0		

How many days per week do you use public transport?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid I don't use public transportation at all	9	20.5	32.1	32.1
Once a week	5	11.4	17.9	50.0
Twice a week	8	18.2	28.6	78.6
Monday through Friday	4	9.1	14.3	92.9
Only weekends	2	4.5	7.1	100.0
Total	28	63.6	100.0	
Missing System	16	36.4		
Total	44	100.0		

How long does it take to reach your work/school by public transportation?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	10 min	7	15.9	31.8	31.8
	20 min	4	9.1	18.2	50.0
	30 min	6	13.6	27.3	77.3
	1 hr	2	4.5	9.1	86.4
	2 hrs or more	3	6.8	13.6	100.0
	Total	22	50.0	100.0	
Missing	System	22	50.0		
Total		44	100.0		

How far do you walk to a transportation stop?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	I don't use public transportation at all	8	18.2	29.6	29.6
	One block	3	6.8	11.1	40.7
	Two blocks	10	22.7	37.0	77.8
	Three blocks	3	6.8	11.1	88.9
	Four blocks or more	3	6.8	11.1	100.0
	Total	27	61.4	100.0	
Missing	System	17	38.6		
Total		44	100.0		

If you don't use public transport, why not? It takes too long to go to work.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	7	15.9	100.0	100.0
Missing	System	37	84.1		
Total		44	100.0		

If you don't use public transport, why not? Service times are not convenient.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	5	11.4	100.0	100.0
Missing	System	39	88.6		
Total		44	100.0		

If you don't use public transport, why not? There is no service to my destination.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	5	11.4	100.0	100.0
Missing System	39	88.6		
Total	44	100.0		

If you don't use public transport, why not? It is too expensive.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	6	13.6	100.0	100.0
Missing System	38	86.4		
Total	44	100.0		

If you don't use public transport, why not? It is not safe.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	1	2.3	100.0	100.0
Missing System	43	97.7		
Total	44	100.0		

If you don't use public transport, why not? It is not comfortable.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	4	9.1	100.0	100.0
Missing System	40	90.9		
Total	44	100.0		

If you don't use public transport, why not? The bus or zoom stop is too far.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	5	11.4	100.0	100.0
Missing System	39	88.6		
Total	44	100.0		