



PAVEMENT TO PARKS

SAN FRANCISCO PLAZAS PUBLIC LIFE STUDY

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** All photos, including the cover image, are taken by the author unless otherwise noted.*

SAN FRANCISCO PLAZAS PUBLIC LIFE STUDY

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INTRODUCTION

OVERVIEW

A breath of fresh air, a chance encounter, a stroll, a place to simply sit and enjoy your meal, a safe space to bring your dog or children to play... Public open spaces contribute to a wonderful quality of life and increase the livability of a place, with important health, social, and equity implications. Public space is especially important in urban environments, where compact city form may not allow for extensive private outdoor space. In its roughly 47 square miles, San Francisco is home to over 825,000 residents¹ and employs nearly 690,000 people as of 2014². Providing open space of high quantity and quality is essential in a city that serves so many people on a daily basis.



Mint Plaza

San Francisco is among the top five cities in the United States in open space per resident (San Francisco Planning Department 2014). Guided by the Recreation and Open Space Element of the General Plan, San Francisco boasts an extensive recreation and open space network of traditional parks and open spaces (managed by the Recreation and Parks Department) and other smaller spaces owned by other City agencies. Of the many sizes and shapes open space may come in, one typology that is particularly urban in character is a city plaza. Plazas are public open spaces in the city that add to the larger network of open space. Together with living streets, alleys, and parklets, these spaces are considered “components of the public right-of-way that have been improved to provide a gathering space and enhance the pedestrian experience” (San Francisco Planning Department 2014). They supplement traditional parks, providing a unique amenity in the built environment.

This study seeks to understand how plazas function in San Francisco. What is life like in plazas? Who uses them? How much are they used, and when? How do people spend time in plazas? Are there significant differences in usage or users across plazas? How do they compare in context and design? A thorough public life survey of six plazas in San Francisco was conducted, exploring who and how they are used. This report outlines the main findings from the survey with supporting analysis, organized under the lens of four parameters of qualities of great public spaces:

- *Well-used and lively*
- *Draw users of the local community*
- *Support various uses, especially social behavior.*
- *Positively perceived by its users*

The report ends with policy and design recommendations for the City of San Francisco and other public space creators/designers to consider for improving these spaces or for future spaces.

¹ U.S. Census, American Community Survey, 5-Year Estimate, 2014
² U.S. Census, Longitudinal Employer-Household Dynamics, 2014, Beginning of Quarter 4, Total Employment Count

DEFINITIONS

Terms commonly referred to in this report are defined plainly below, according to Oxford Dictionary unless otherwise noted. Any terms defined for San Francisco, whether in code or on the web, are also noted.

Livable: (adj)

- Fit to live in

Liveliness: (noun)

- The quality of being outgoing, energetic, and enthusiastic

Open space: (noun)

- A space little obstructed by trees, buildings, etc.; a clearing
- Specifically a park, garden, etc., without buildings in the midst of an urban area

Plaza: (noun)

- A public square, marketplace, or similar open space in a built-up area
- “City-owned land not under the jurisdiction of the Recreation and Parks Department ... where the public may gather and participate in ... offerings”³
- “A public open space. May be a trial, demonstration space created from the temporary closure of ROW (through Pavement to Parks); or permanently and legally designated open space that is not within RPD lands.”⁴

Public: (adj)

- Of or concerning the people as a whole
- Open to or shared by all the people of an area or country

Public realm: (noun)

- “The social processes among city inhabitants that occur in public places; it is in the public places of cities, its squares and streets accessible to all of the city’s inhabitants, that all can see and hear each other”⁵

Right-of-way (ROW): (noun)

- “Of the space between buildings that includes roadway and sidewalks”⁶

Steward: (noun)

- A person whose responsibility it is to take care of something
- “Any educational, recreational or social agency, or ... any other nonprofit organization or any public agency ... with a strong, demonstrated connection to the neighborhood ... selected to activate and/or maintain a plaza”

³ San Francisco Administrative Code, Sec. 94.1
⁴ San Francisco Planning Department, “Public Space Stewardship Guide” Glossary, http://publicspacestewardship.org/?page_id=126

⁵ Crowhurst Lennard, Suzanne H., International Making Cities Livable LLC, “The Public Realm and the Good City”
⁶ San Francisco Planning Department, “Public Space Stewardship Guide” Glossary, http://publicspacestewardship.org/?page_id=126

CONCEPTUAL FRAMEWORK

FUNDAMENTAL SHIFTS IN CONCEPTS OF LIVABILITY AND THE PUBLIC REALM

Many planning scholars have written about the death of public spaces and decline of the public realm before the turn of the century, when functionalist planning and design was dominant and did not account for the human dimension in cities (Gehl 2011). Cultural shifts and technological advancements moved attention away from the public realm to private. However, there appears to be a fundamental shift in American cities in recent decades: there is increased attention and care for public spaces and the public realm. More people live in cities than rural areas for the first time in human history. In the United States context, 71% of the total population lives in “urbanized areas,” of 50,000 or more people⁷, bringing forth the role of planning in influencing livability and the public realm. The understanding that great public spaces bring forth public life and supporting the livability of cities is finally gaining traction among both governments and citizens across cultures and societies. From temporary street closures, to street redesigns, to the parklet movement, it is apparent that cities and citizens are realizing the immense value of great city spaces and taking action to support public life.

These ideas of livability and importance of the public realm are not new but were not widely embraced until recently. Urbanists such as Jane Jacobs, William H. Whyte, and Jan Gehl have brought the spotlight on this importance, shaping conversations on revaluing what streets and public spaces do for cities and its people. In *The Death and Life of Great American Cities*, Jane Jacobs described how cities work and do not work for people, including parks and sidewalks, and called for a community-based approach to planning (Jacobs 1961). With his famous *Street Life Project* that began in 1971, William H. Whyte studied the life that existed in public plazas throughout New York and explained what seems to be working and not in these spaces (Whyte 2001). Gehl published his influential book *Life Between Buildings* in the 1970s, urging planners and designers to also consider the spaces in between buildings (Gehl 2011). The culmination of these ideas have led to the point we are now at in planning in which we understand that streets and public spaces help create livable places.

From a legislative standpoint, planning decisions can influence whether a city appears lively or lifeless; they can influence how much public spaces are used, how long people stay, and what activities they support (Gehl 2011). The quality of our outdoor spaces will support more outdoor activities (Gehl 2011). Therefore, city governments should be actively providing and planning for great public spaces to support people and life to flourish.

QUALITIES OF SUCCESSFUL PUBLIC SPACES

What makes a great public space? Previous research studies of public spaces, focus success on usage and liveliness and identify what factors seem to underlie these conditions. In his study of New York, Whyte claimed that seating is the most important feature in drawing users into public space and that often the smallest spaces were the most used and lively (Whyte 2001). Whyte’s work of studying public spaces has continued on to form Project for Public Spaces, a non-profit planning, design, and educational organization. According to its evaluation of many public spaces around the world, Project for Public Spaces states that great places are accessible, are where people are engaged in activities; are comfortable and have a good image; and are sociable spaces (Project for Public Spaces 2016). Gehl looks into ways which planners and designers can promote contact in the public realm rather than isolate people: no walls, short distances, low speeds, one level, and orientation towards others (Gehl 2011). He also emphasizes that lively public spaces are not merely about the number of people in a space but also the duration of their stays, because public space use is a positive, reinforcing process in which people attract more people (Gehl 2011). Gehl places importance of the edge – that activities in public space start at the edges and grow towards the center (Gehl 2011).

7 U.S. Census Bureau, 2010 Census Urban and Rural Classification and Urban Area Criteria,, <http://www.census.gov/geo/reference/ua/urban-rural-2010.html>

SAN FRANCISCO'S PUBLIC REALM & PAVEMENT TO PARKS

GUIDING POLICIES AND PROGRAMS

The City of San Francisco has several guiding policies and plans that work toward an enhanced public realm. In its General Plan, the Recreation & Open Space Element outlines main objectives and related policies to add, enhance, and protect open space.⁸ The Urban Design Element calls for enhancing the positive physical attributes of the city and for street and open space to be designed to meet essential human needs (San Francisco Planning Department 1972). The adoption of the 1985 Downtown Plan brought many changes to San Francisco's public realm in the downtown area by calling for both public and private efforts in providing open space and resulted in 27 new or enhanced open spaces (San Francisco Planning Department 2011, 18). Recognizing that streets make up a large portion of space in the city and of public space, the City adopted its Better Streets Plan in 2010, a vision for streets that balance the needs of all users, especially the pedestrian realm (San Francisco Planning Department 2010). The Plan encourages reclaiming roadway space for interventions, such as bike corrals, parklets, and pocket parks, and provides inter-agency information and design guidance on how developers and neighborhoods can complete such interventions. In addition, the Planning Department includes a City Design Group, with staff dedicated to improving the public realm of the City, placing emphasis on people and quality of place. Their work ranges from neighborhood public realm plans to public space design and interventions.

ABOUT PAVEMENT TO PARKS

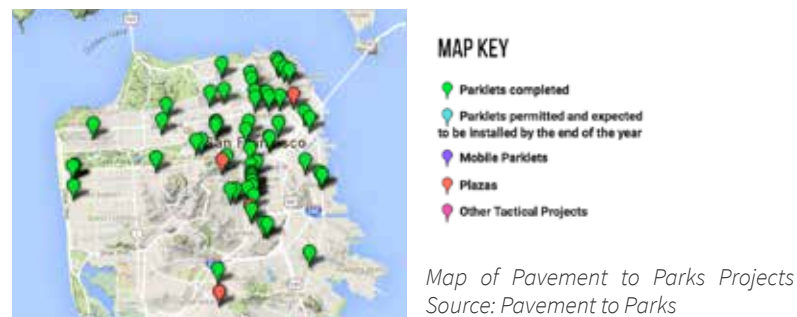
Pavement to Parks is a program in the City and County of San Francisco's Planning Department that tests the possibilities of using underutilized areas of land by quickly and inexpensively converting them into new pedestrian spaces. It is a collaborative effort that launched in 2009, between San Francisco Planning Department, Public Works, and Municipal Transportation Authority. Program goals include: "reimagine the potential of city streets, encourage non-motorized transportation, enhance pedestrian safety & activities, foster neighborhood interaction, and support local businesses" (San Francisco Planning Department 2016). The program implements three types of projects that add to the City's public realm: Parklets, plazas, and prototypes. On the ground, Pavement to Parks projects are widespread throughout

the city, with sixty Parklets installed and many more actively underway; seven plazas; and a handful of exciting prototypes.

Pavement to Parks projects are one of the several vehicles of adding open space to the city, and its unique value lies in the fact that the City is seen as an urban laboratory, with projects as experiments. Projects are installed to be easily modifiable and reversible. After installation, the program can test their performance and make any necessary design changes that would improve use or quality. This model allows the City and communities to test how spaces and installations work in a quick, cheap, and flexible manner.

Previous Public Life Studies

Public life studies assess the quality of public spaces and how they are used. Insight from findings can then be used to make recommendations on how to improve spaces. The Planning Department conducts public life studies as a way to build research and evaluate the effect of its projects. In summer 2014, Pavement to Parks conducted its first citywide survey of parklets and plazas to understand how these small open spaces work as a whole.⁹ Public life data was collected on twenty parklets, three study blocks that had parklets planned for installation soon, and two plazas (Jane Warner Plaza and Mechanics Monument Plaza). While Mechanics Monument Plaza is not a Pavement to Parks project, it was included because its recent design transformation could provide valuable insight. In May 2015, the program conducted a public life survey of Annie Street Plaza, a recent Pavement to Parks project.



SUMMER 2015 PLAZA PUBLIC LIFE STUDY

OBJECTIVES

To continue building the Program's database on plazas specifically, I launched a citywide survey of plazas in summer 2015. This survey included six public plazas in San Francisco, all which align close to the main corridor of Market Street:

- **Mechanics Monument Plaza** (Market & Bush St., in Financial District)
- **Annie Street Plaza** (Mission St. between 2nd & 3rd St., in South of Market)
- **Mint Plaza** (Mission & Mint St., in South of Market)
- **Linden Alley** (Gough & Linden St., in Hayes Valley)
- **McCoppin Hub Plaza** (McCoppin & Valencia St. in Mission District)
- **Jane Warner Plaza** (Market & 17th St. in Castro)

To understand how these plazas are performing, we must realize that public spaces vary vastly. For that reason, a successful public space does not have a single image; public spaces can be evaluated on various qualities that make them a great space. Some qualities are qualitative – we can count people, number of activities, etc. – while some speak to more qualitative attributes, such as sense of comfort. Thus, this study analyzes the collected public life survey data through the lens of four different success parameters:

- *Great plazas are well-used and lively.*
- *Great plazas draw users of the local community.*
- *Great plazas support various uses, especially social behavior.*
- *Great plazas are positively perceived by its users.*

These parameters are based on prior public space studies/practices and the City's goals to improve livability and the public realm for its people. These measures are by no means exhaustive of what makes a great plaza, but provide a way to study the success of city spaces.

SITE SELECTION

These sites were carefully chosen to look across different contexts of San Francisco and for their distinctive typologies. Mechanics Monument, Annie Street Plaza, and Mint Plaza are in Downtown, while Linden Alley, McCoppin Hub Plaza, and Jane Warner Plaza are in neighborhood settings, characterized by surrounding residential use. Except for Mechanics Monument Plaza, these plazas are built in the public right-of-way. In the case of Annie Street Plaza, Mechanics Monument Plaza, and Jane Warner Plaza, the plazas completely transformed traditional roadway space to a pedestrian only environment. Annie Street Plaza and Linden Alley take place in alleyways. Linden Alley is the City's first "living alley," a narrow street that focuses on livability and space for people while still allowing vehicles to pass through. Mint Plaza and McCoppin Hub Plaza are enclosed by buildings on most of its edges, while Mechanics Monument Plaza and Jane Warner Plaza flank Market Street and are fairly open and visible. These conditions are summarized in Table 1.

All sites are publicly owned public spaces, accessible by any persons at any time. Design and features vary across sites and are annotated in "Plaza Profiles" section of this report. Management structures also vary at each site. Plazas with movable tables and chairs have an on-site steward who is responsible for setting them up/putting them away and for general maintenance of the space. Steward schedules and therefore presence of movable furniture vary by day of week and time of day across plazas. Some plazas have frequent events/programming, while others do not.

Of the six plazas, Annie Street Plaza and Jane Warner Plaza are Pavement to Park plaza projects. As stated above, the program has collected public life data on these two plazas as well as Mechanics Monument Plaza, creating an opportunity for the program to assess these spaces over time.



MECHANICS MONUMENT PLAZA

ANNIE STREET PLAZA

MINT PLAZA

LINDEN ALLEY

MCCOPPIN HUB PLAZA

JANE WARNER PLAZA







METHODOLOGY

OVERVIEW

The methodology used for the summer 2015 public life study of plazas was developed by Pavement to Parks program staff and has been used in the program's prior evaluations of public spaces and streetscapes. The study used several survey instruments that were adapted for the selected plazas, including pedestrian & bicycle screenline counts, stationary activity scans, plaza user intercept surveys, and a cognitive mapping exercise.

Each plaza was studied in July 2015 during peak afternoon hours (12-2 P.M.) and evening hours (5-7 P.M.), on 1 weekday (Tuesday or Wednesday) and 1 weekend (Saturday). These data collection times are consistent with previous parklet and plaza studies. The time periods chosen show a snapshot of when these spaces are presumed to be the busiest and most occupied and is not necessarily reflective of how they are used throughout a day, week, month, or year. Volunteers were trained at the Planning Department on how to use the instruments and deployed for two-hour shifts with Public Life survey packets to the six sites. See Table 1 for specific dates and times.

Table 1. Data Collection Shifts

Plaza	Shifts	Special Conditions
Jane Warner Plaza	Wed, July 22, 2015, 12-2 P.M.	No movable furniture @ time
	Wed July 22, 2015, 5-7 P.M.	No movable furniture @ time
	Sat, July 25, 2015, 12-2 P.M.	
	Sat, July 25, 2015, 5-7 P.M.	Pretty windy; chairs were being put away during shift
McCoppin Hub Plaza	Tues, July 21, 2015, 12-2 P.M.	Special Event: Valencia Street Artisan Fair
	Tues, July 21, 2015, 5-7 P.M.	
	Sat, July 25, 2015, 12-2 P.M.	
	Sat, July 25, 2015, 5-7 P.M.	
Linden Alley	Tues, July 14, 2015, 12-2 P.M.	
	Wed, July 15, 2015, 5-7 P.M.	
	Sat, July 18, 2015, 12-2 P.M.	Blue Bottle creates a huge draw
	Sat, July 25, 2015, 5-7 P.M.	
Mint Plaza	Wed, July 15, 2015, 12-2 P.M.	Blue Bottle cafe & kiosk, food truck, restaurant with outdoor dining present
	Wed, July 15, 2015, 5-6 P.M.	Movable chairs collected around 5:30
	Wed, July 29, 2015, 6-7 P.M.	Plaza abandoned when mobile chairs collected around 6:30
	Sat, July 18, 2015, 12-2 P.M.	Blue Bottle cafe & kiosk
	Sat, July 18, 2015, 5-7 P.M.	
Annie Street Plaza	Tues, July 14, 2015, 12-2 P.M.	
	Tues, July 14, 2015, 5-7 P.M.	Movable chairs collected around 5:20
	Sat, July 18, 2015, 12-2 P.M.	No movable furniture @ time
	Sat, July 18, 2015, 5-7 P.M.	No movable furniture @ time
Mechanics Monument Plaza	Wed, July 22, 2015, 12-2 P.M.	
	Wed, July 22, 2015, 5-7 P.M.	Chilly day
	Sat, July 25, 2015, 12-2 P.M.	
	Sat, July 25, 2015, 5-7 P.M.	Observed a male sharpening knife on a fixed structure in plaza

SURVEY INSTRUMENTS

PEDESTRIAN AND BICYCLE SCREENLINE COUNTS

Screenline counts capture the volumes of pedestrians and cyclists in the immediate area adjacent to a public space. The volumes provide context for what food and cyclist traffic conditions are surrounding the plaza. Counts were conducted for exactly ten-minute intervals, once per hour, on each side of the block immediately adjacent to each plaza. Volunteers stood mid-block with an imaginary screenline in front of them, and tallied all pedestrians and cyclists as they crossed the screenline. These counts included mutually exclusive attributes, such as direction of travel and gender of each person, as well as various unique attributes such as number of children, disabled, etc. Overall, 9,907 pedestrians and 588 cyclists were recorded across sites. In reporting this data, this study uses estimated hourly volumes, based on multiplying these data samples by 6.

STATIONARY ACTIVITY SCANS

Stationary activity scans record the various activities, postures, and attributes of plaza users. Scans were conducted for approximately five minutes, twice per hour. In line with Summer 2014 public life study, six types of postures and thirteen activities were defined for the study. Postures were recorded as mutually exclusive (i.e. only one posture was recorded per person), while activities were not. Some users were engaged in multiple activities, in which case all activities were counted. Volunteers also counted numbers of pairs and groups, nuisances (urine/defecation, litter/debris), and vehicles and bikes parked on site if applicable. In reporting these data points, several categories of postures and activities were collapsed, as summarized in Table 2 and 3 respectively. Overall, 1,056 users were recorded across sites. Again, the report uses estimated counts for an hour by multiplying the data sample by 6.

Table 2. List of Postures from Stationary Activity Scan

Reported Posture	Observed Posture (if different)	Description
Standing	Standing	-
	Standing – Leaning	Leaning against a tree, wall, furniture, or utility
Sitting – Fixed		Sitting on public furniture that is unmovable, such as a bench or seating block
Sitting – Mobile		Sitting on public furniture that can be easily moved by its user, such as a folding chair
Sitting - Improvised		Sitting on steps, ground, or utilities
Lying		On plaza furniture, landscaped edges, or ground

Table 3. List of Activities from Stationary Activity Scan

Reported Activity	Observed Activity (if different)	Description
Eating/Drinking		-
Talking with One Another		-
People-watching		-
Electronic Device		-
Children Playing		-
Commerce (both formal and informal)		-
Other	Physical Exercise	-
	Performance/Cultural	Reading, performing, writing, drawing, painting
	Accompanied By Pet	-
	Smoking	-
	Intoxication	-
	Sleeping	-
	Panhandling	-

PLAZA USER INTERCEPT SURVEYS

User intercept surveys are a set of questions administered to plaza users to understand more information about users and their perceptions of the public space. Volunteers approached users to collect responses and administered the surveys verbally. Volunteers communicated that respondents may skip any questions and that their responses will remain anonymous. A maximum of five surveys were collected per shift at each plaza. Shifts with few users constrained how many surveys were conducted. The survey captured data on respondents' travel to the plaza, frequency and reason for visit, spending behavior, who people accompany, next destination, satisfaction with physical conditions and social opportunities, and basic demographic information. The survey ends with two open-ended questions to understand users' favorite qualities and places in the city. Overall, 78 responses were collected, as shown in more detail in Table 4 below. 60% of respondents were males, and overall median age was 31 years old.

Table 4. Overview of Survey Respondents

Plaza	Number of Responses	Respondent Statistics
Jane Warner Plaza	9	Gender: 7 Males, 2 'Other' Age Range: 18-79 Median Age: 41
McCoppin Hub Plaza	15	Gender: 3 Females, 3 Males, 2 'Other' or No Response Age Range: 20-45 Median Age: 33
Linden Alley	18	Gender: 8 Females, 10 Males Age Range: 24-70 Median Age: 31
Mint Plaza	8	Gender: 7 Females, 12 Males Age Range: 22-77 Median Age: 35
Annie Street Plaza	18	Gender: 2 Females, 13 Males Age Range: 20-56 Median Age: 26
Mechanics Monument Plaza	9	Gender: 3 Females, 5 Males, 1 'No Response' Age Range: 22-54 Median Age: 34

PEDESTRIAN AND BICYCLE SCREENLINE COUNT

STREET NAME

ADDRESS RANGE

☐ ODD SIDE OF STREET

☐ EVEN SIDE OF STREET

DATE

☐ WEEKDAY

☐ WEEKEND

NAME

WEATHER CONDITION

☐

☐

☐

☐

☐

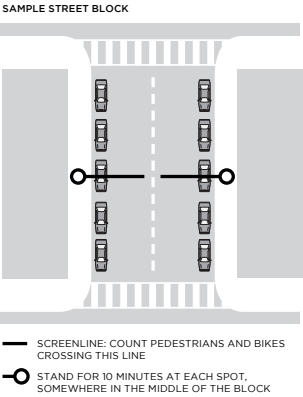
☐

TEMPERATURE

TIME IN

TIME OUT

(FOR EXACTLY 10 MINS)

ENTER DATA AT: [TINYURL.COM/SF-ST-PED-COUNT](https://tinyurl.com/sf-st-ped-count)
EMAIL QUESTIONS TO ROBINABAD@SFGOV.ORG

SAN FRANCISCO
PLANNING DEPARTMENT

PEDESTRIANS				SUBTOTAL	TOTAL
LEFT TO RIGHT → ← RIGHT TO LEFT → ←					
DIRECTION OF TRAVEL*	MALE				
	FEMALE				
15 YEARS OLD AND UNDER					≤15
OVER 65 YEARS OLD					65+
RUNNING/ JOGGING					
SKATEBOARDS, ROLLERBLADES, ETC.					
WHEELCHAIR/ SPECIAL NEEDS					

CYCLISTS				SUBTOTAL	TOTAL
LEFT TO RIGHT → ← RIGHT TO LEFT → ←					
DIRECTION OF TRAVEL*	MALE				
	FEMALE				
15 YEARS OLD AND UNDER					≤15
OVER 65 YEARS OLD					65+
COUNTER-TRAFFIC					
ON SIDEWALK					
NO HELMET					

*MUST ADD UP TO 100% OF SAMPLE



NOTES

Survey Instrument for Pedestrian and Bicycle Screenline Counts
Developed by San Francisco Planning Department

MECHANICS PLAZA ACTIVITY MAPPING

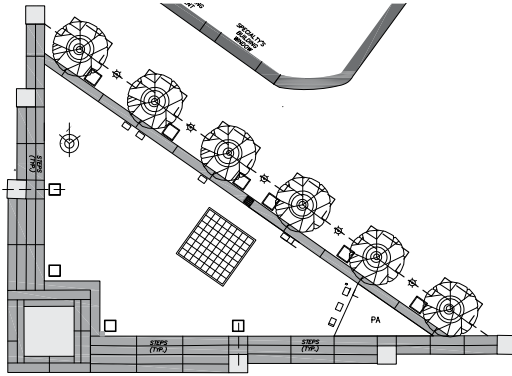
(NOT A TIMED ACTIVITY)
INPUT DATA AT: TINYURL.COM/SF-PLAZA-ACT-MAP

YOUR NAME _____

TIME IN  TIME OUT 

DATE _____

DAY OF WEEK ☐ WEEKDAY ☐ WEEKEND



	PERSON OR OBJECT		AGE	POSTURE	GROUP	ACTIVITIES	OTHER ACTIVITIES	NUISANCES	
	GENDER	AGE							
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
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25									
26									
27									
28									
29									
30									
TOTALS									

BIKES ON RACKS

BIKES ON OTHER FIXTURES

EMPTY BIKE RACKS

MOTO/SCOOTERS PARKED

CARS PARKED

VANS PARKED

TRUCKS PARKED

PERSON OR OBJECT

GENDER

AGE

POSTURE

GROUP

ACTIVITIES

OTHER ACTIVITIES

NUISANCES

SAN FRANCISCO
PLANNING DEPARTMENT



V2015A
ROBIN.ABAD@SFGOV.ORG

Survey Instrument for Plaza Stationary Activity Scans
Developed by San Francisco Planning Department

PLAZA USER INTERCEPT SURVEY

NOTES

INPUT DATA AT: TINYURL.COM/SF-PED-INTERCEPT

STREET NAME		SURVEYOR NAME	
ADDRESS RANGE (I.E. "400'S")	SIDE OF STREET <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	SHEET NO	OF TOTALSHEETS
DATE	DAY OF WEEK <input type="checkbox"/> WEEKDAY <input type="checkbox"/> WEEKEND	TIME IN 	TIME OUT 

	RESPONDENT 1	RESPONDENT 2	RESPONDENT 3	RESPONDENT 4	RESPONDENT 5
HOW DID YOU GET TO TODAY?					
A - ON FOOT B - BY BIKE C - TRANSIT D - TAXI	A B C D	E F G	A B C D	E F G	A B C D
E - CARSHARE F - CAR G - OTHER					
WHY DID YOU CHOOSE THOSE MODES?					
A - FASTER B - CHEAPER	A B	C D	A B	C D	A B
C - RECREATION D - AVOID PARKING					
HOW LONG DID IT TAKE YOU TO ARRIVE?					
A - ≤ 5 MINS B - 5-10 MINS	A B	C D	A B	C D	A B
C - 10-30 MINS D - ≥ 30 MINS					
HOW OFTEN DO YOU VISIT?					
A - ONCE A DAY B - ONCE A DAY+ C - ONCE A WEEK D - ONCE A WEEK +	A B C D	E F G	A B C D	E F G	A B C D
E - SEVERAL TIMES PER MONTH F - VERY RARELY G - FIRST TIME					
WHAT IS THE REASON FOR YOUR VISIT?					
A - LIVE NEARBY B - WORK NEARBY C - PASSING THRU D - ERRAND	A B C D	E F G H	A B C D	E F G H	A B C D
E - SHOPPING F - DINING G - ENTERTAINMENT H - MEET FRIENDS					
WHERE DO YOU LIVE?					
CITY					
ZIPCODE					
INTERSECTION					
HOW MUCH DO YOU TYPICALLY SPEND WHEN VISITING ?					
A - \$0 B - \$10 OR LESS C - \$10 TO \$20	A B C	D E F	A B C	D E F	A B C
D - \$20 TO 40 E - \$40 TO \$60 F - \$60 OR MORE					

SAN FRANCISCO
PLANNING DEPARTMENT

V2014A
ROBIN.ABAD@SFGOV.ORG

Survey Instrument for Plaza User Intercept Survey
Developed by San Francisco Planning Department



\$19⁹⁵

IN-TOWN SPECIAL

**IN-TOWN
SPECIAL**

GE
LOADING
HELP



PLAZA PROFILES

PROFILES



JANE WARNER PLAZA

Location

The Castro

Size (Approx.)

9,760 sq. ft.

Background

Originally a large turning area for F-line streetcar. Plaza created through Pavement to Parks Program in 2014 after several experimental phases.

Features

- Movable chairs and tables
- Trees
- Planters

Designer

Boor Bridges Architecture

Management & Maintenance

Castro Community Benefits District



LINDEN ALLEY

Location

Hayes Valley

Size (Approx.)

2,960 sq. ft.

Background

Not a fully pedestrian space like the other sites, but functions like a plaza by providing gathering space. Opened in 2010.

Features

- Fixed benches
- Curbstone seating
- Trees and planting

Designer

Winslow Architecture & Design

Management & Maintenance

Community members and adjacent property owners



MCCOPPIN HUB PLAZA

Location

Mission District

Size (Approx.)

4,790 sq. ft.

Background

Originally a dead end street space; went through trials of activation with food trucks, which inspired the current design. Opened in 2014.

Features

- Fixed seating (10)
- Trees
- Planters
- Lighting
- Art piece

Designer

San Francisco Public Works

Management & Maintenance

Office of Economic & Workforce Development, Plaza Program



MINT PLAZA

Location

South of Market

Size (Approx.)

17,900 sq. ft.

Background

Originally a vehicle right-of-way; became pedestrianized and opened in 2009.

Features

- Movable chairs
- Fixed benches
- Planted pergola
- Trees
- Planters
- Private tables and chairs
- Lighting

Designer

CMG Landscape Architecture

Management & Maintenance

Friends of Mint Plaza (FoMP), a non-profit



ANNIE STREET PLAZA

Location

South of Market

Size (Approx.)

2,000 sq. ft.

Background

Originally a vehicle right-of-way. Plaza created through Pavement to Parks Program in 2014.

Features

- Movable chairs and tables
- Fixed benches
- Hanging planters

Designer

CMG Landscape Architecture

Management & Maintenance

Yerba Buena Community Benefits District



MECHANICS MONUMENT PLAZA

Location

Financial District

Size (Approx.)

4,660 sq. ft.

Background

Oldest plaza of the sites. Originally had bench seating; redesigned in 2014.

Features

- Movable chairs and tables
- Charging station
- Counter tops (3)
- Fixed seats (3)
- Mechanics Monument, with steps
- Trees and planting

Designer

San Francisco Public Works

Management & Maintenance

San Francisco Public Works

PLAZA DESIGNS

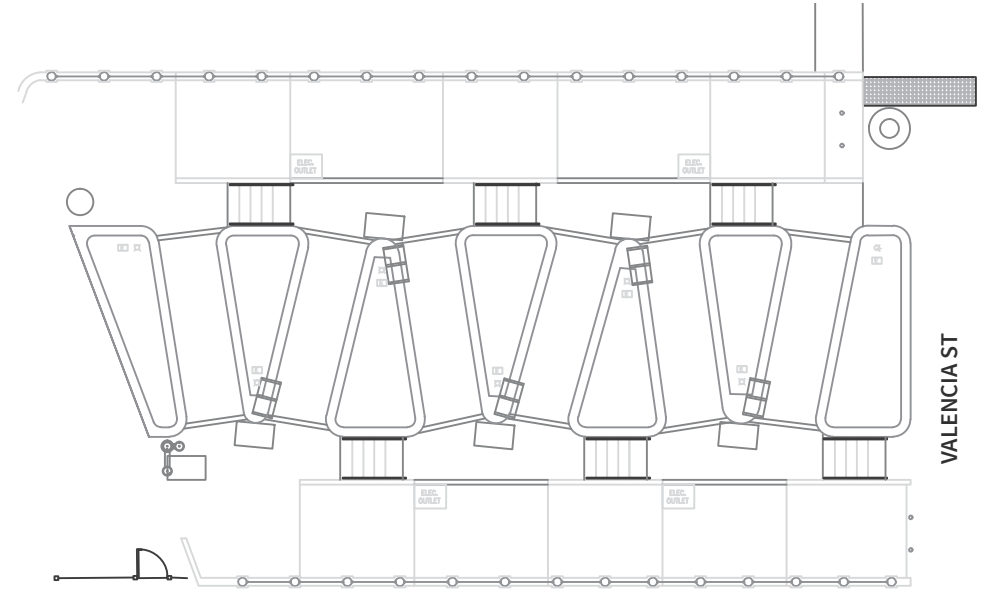
JANE WARNER PLAZA

Source: San Francisco Public Works



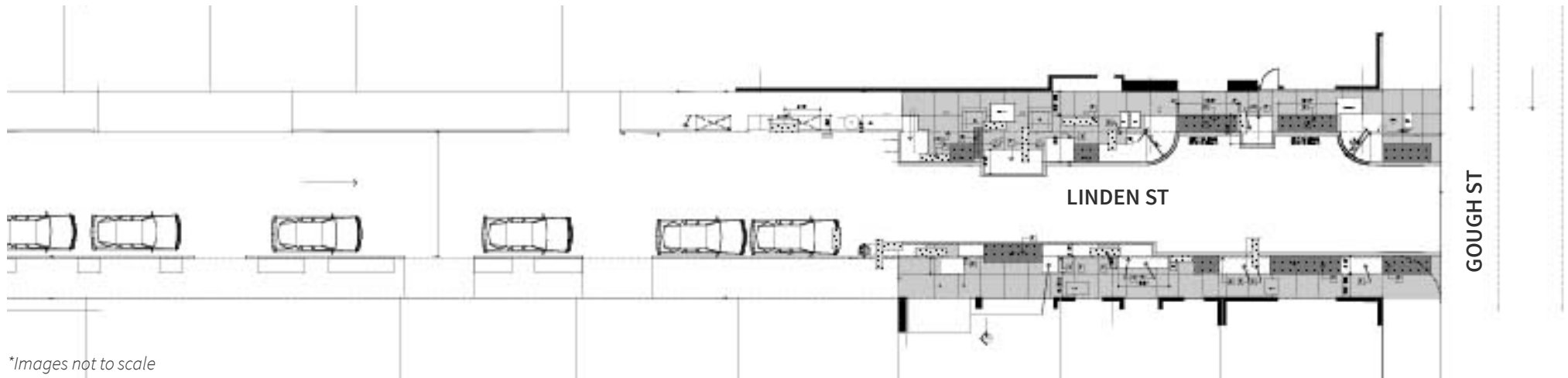
MCCOPPIN HUB PLAZA

Source: San Francisco Public Works



LINDEN ALLEY

Source: Winslow Architecture & Design



**Images not to scale*

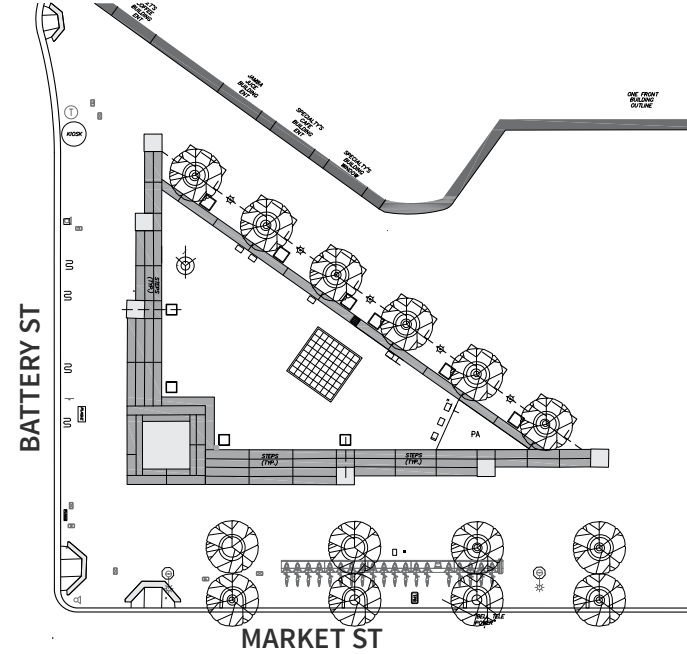
MINT PLAZA

Source: CMG Landscape Architecture



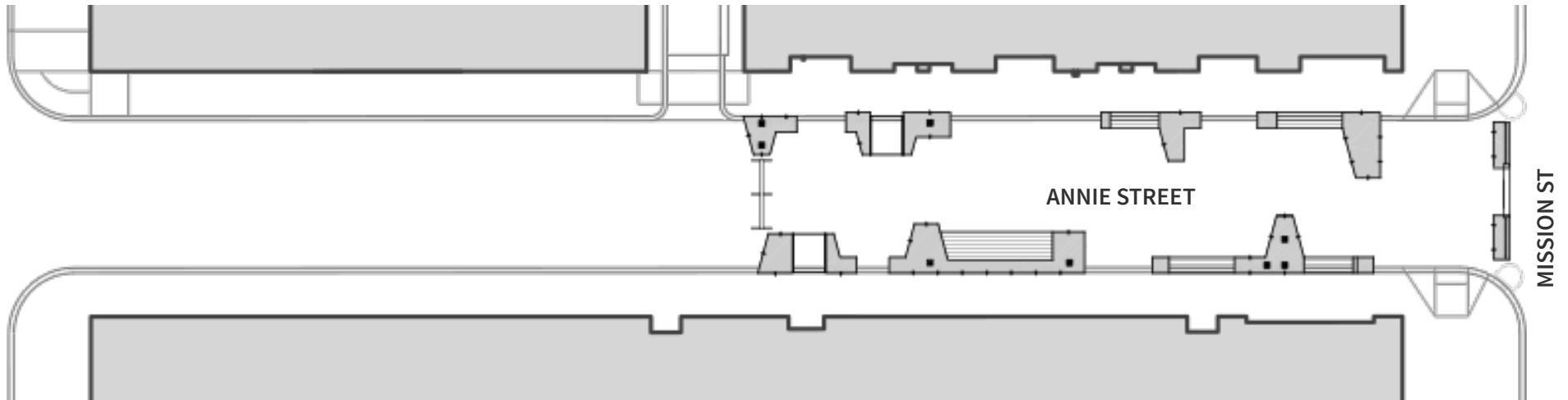
MECHANICS MONUMENT PLAZA

Source: Department of Public Works



ANNIE STREET PLAZA

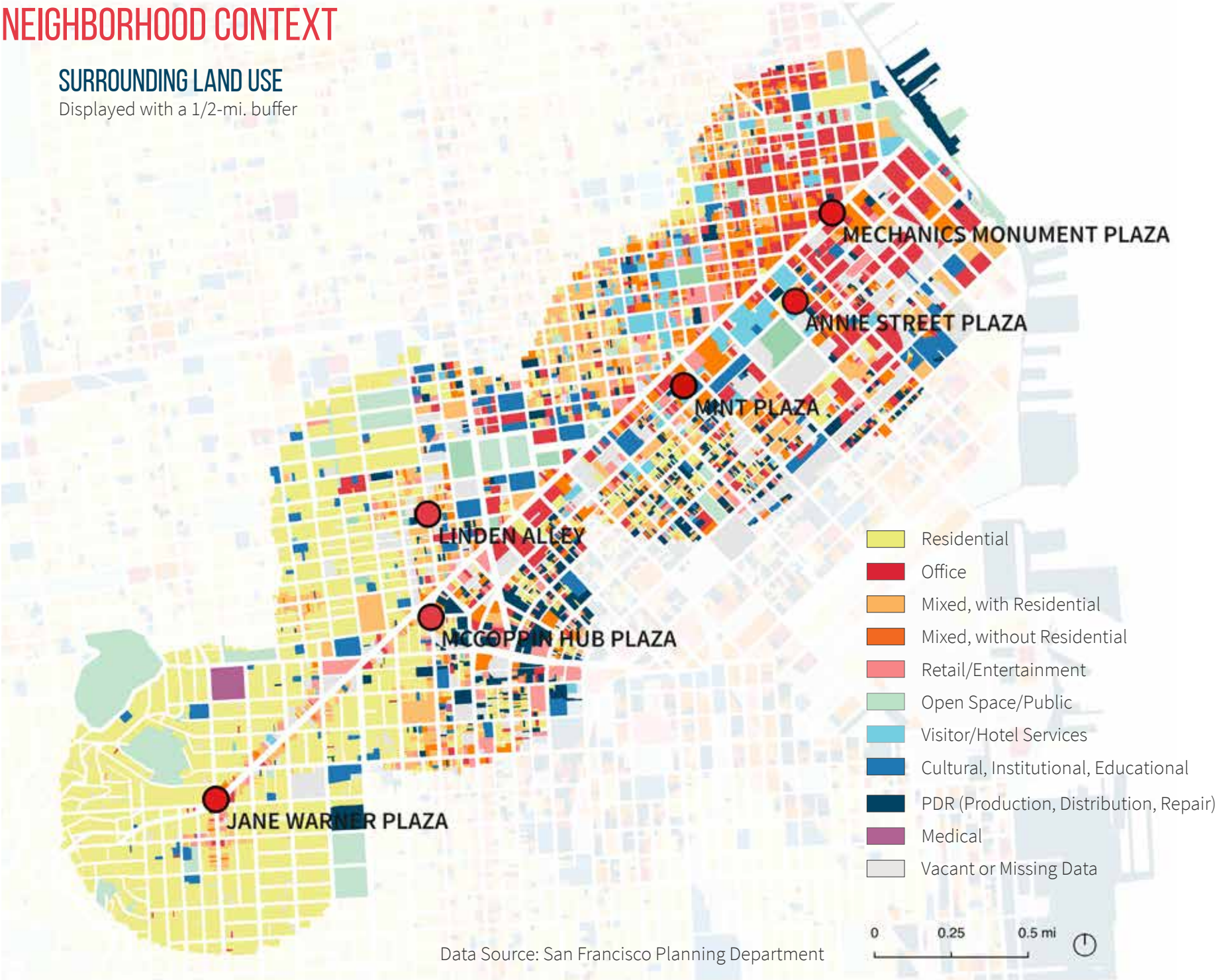
Source: CMG Landscape Architecture



NEIGHBORHOOD CONTEXT

SURROUNDING LAND USE

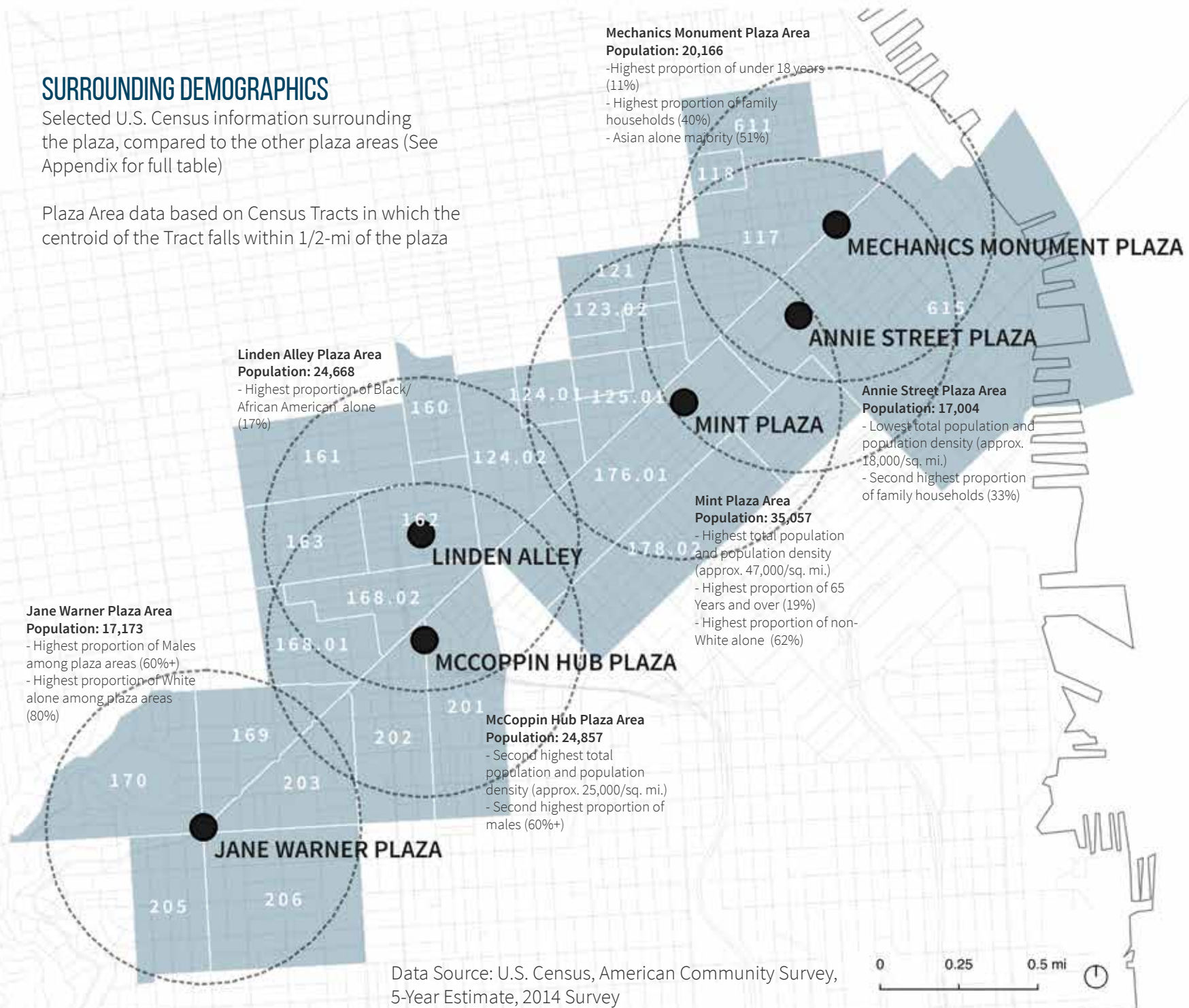
Displayed with a 1/2-mi. buffer



SURROUNDING DEMOGRAPHICS

Selected U.S. Census information surrounding the plaza, compared to the other plaza areas (See Appendix for full table)

Plaza Area data based on Census Tracts in which the centroid of the Tract falls within 1/2-mi of the plaza







STUDY FINDINGS

PARAMETER 1: GREAT PLAZAS ARE WELL-USED AND LIVELY.

WHY USAGE MATTERS

High usage implies that **a space works for people**; it is a valuable use of space.

Usage is also self-reinforcing. As William Whyte revealed, **“What attracts people most, it would appear, is other people”** (Whyte, 1980, 19). Multitudes of people provide a social opportunity and increase sense of safety. Liveliness attracts additional users.

FINDINGS

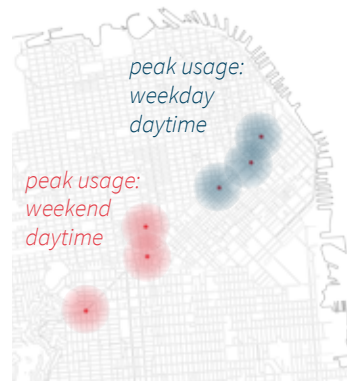
- Peak usages occurred **weekday afternoons for downtown plazas**, and **weekend afternoons for neighborhood plazas**.

- **Mint Plaza served the most users**, by volume. Since plazas differ in size, an analysis of usage per 1,000 sq. ft. reveals that **Linden Annie Street Plaza and Linden Alley were the most lively**. They drew large volumes of users for their size.

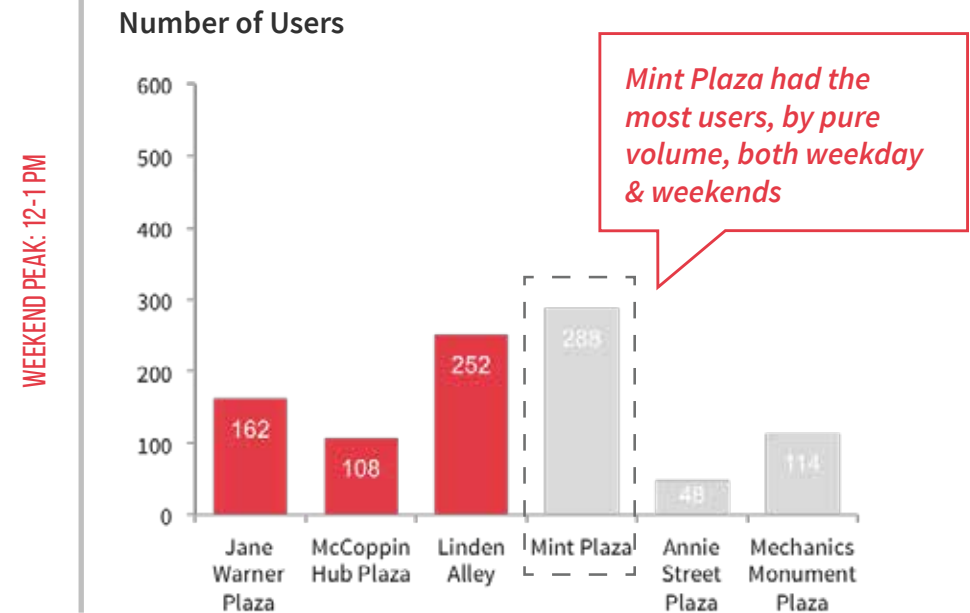
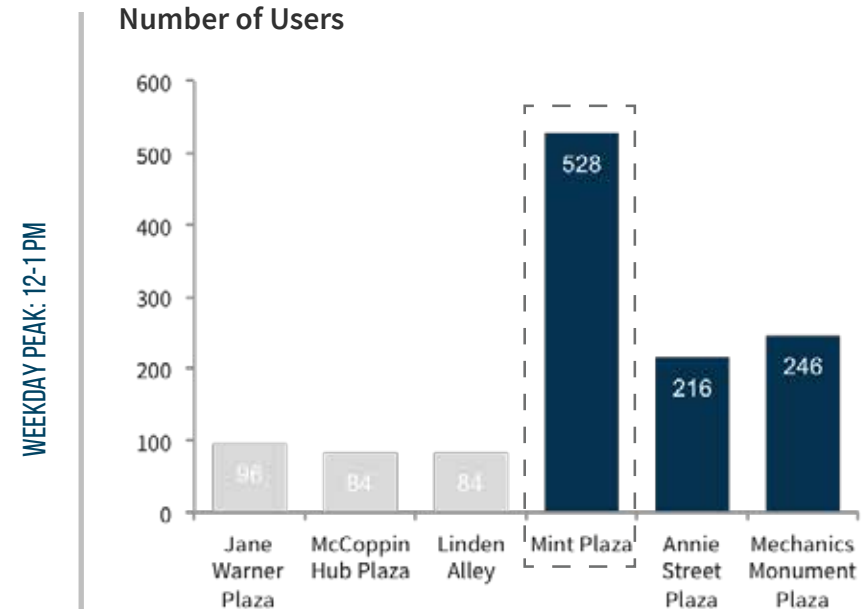
- Usage patterns closely **follow pedestrian trends**, which **relates to the surrounding land use**.

- The **availability of movable chairs makes a difference**. Plazas with movable seating available (Jane Warner Plaza, Mint Plaza, Annie Street Plaza, and Mechanics Monument Plaza) had a **significantly higher average number of users** than plazas with only fixed seating available (McCoppin Hub Plaza and Linden Alley).

- Furthermore, average number of users at Mechanics Monument Plaza and Jane Warner Plaza were **significantly lower when movable chairs were put away**.

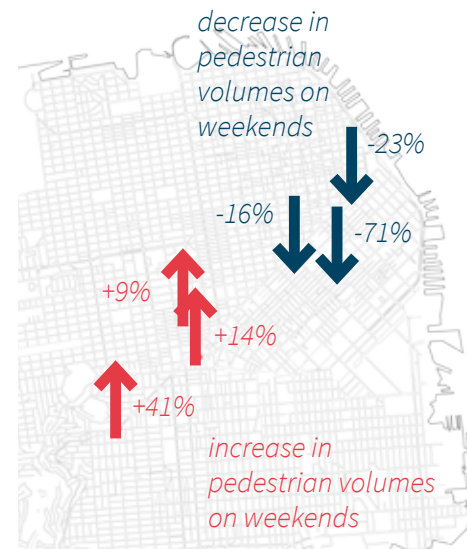


HOW DOES USAGE COMPARE ACROSS PLAZAS?



USAGE PATTERNS RELATE TO:

*pedestrian
volume trends*

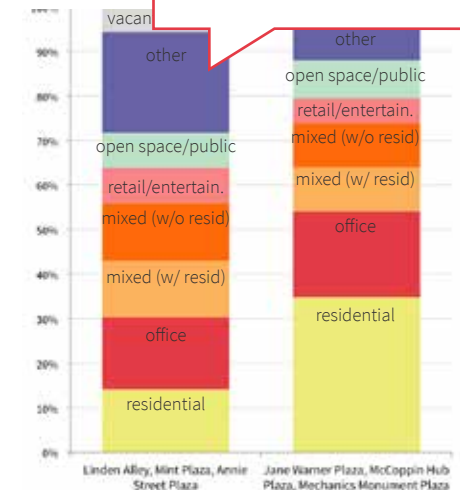


Pedestrian Volume Differences from Weekday to Weekend

Total volumes over 12-2 PM, 5-7 PM

land use mix

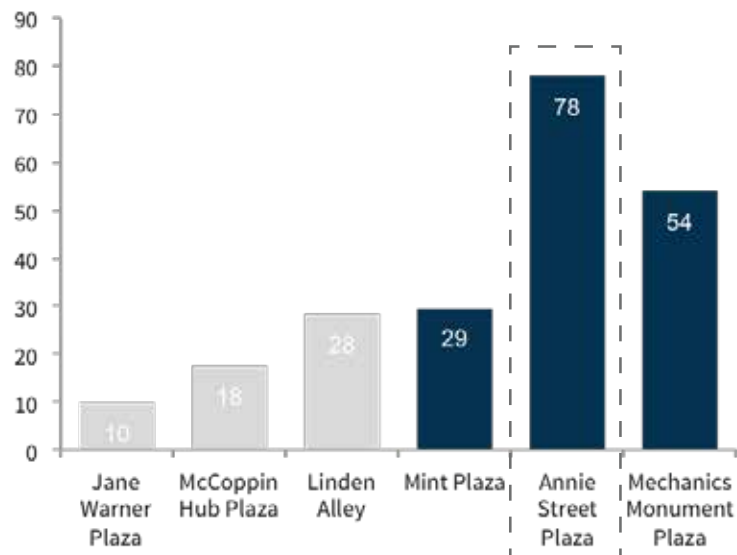
**More destination/
amenity-oriented land
uses at most used plazas**



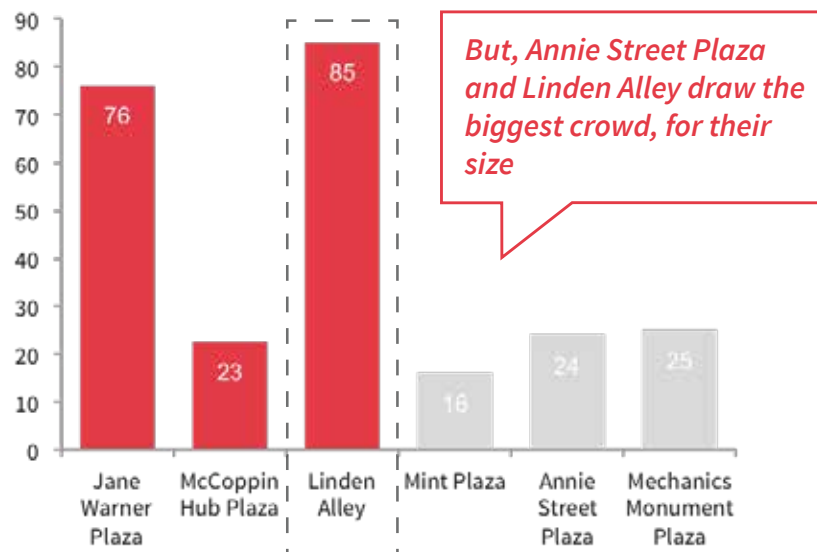
Land Use Within 1/4-mi. of Plazas

Data Source: San Francisco Planning Department

Numbers of Users, per 1,000 Square Feet



Numbers of Users, per 1,000 Square Feet



*& availability of
movable seating*

**Overall, plazas with movable chairs
available had a significantly higher
average number of users than plazas
with only fixed seating.**



PLAZA USER VOLUMES

Collective user volumes reveal that for **plazas were generally used more on the weekday than weekends**. Both weekday and weekend peaks occurred in the 12-1 PM hour.

A closer look by plaza reveals that **downtown plazas had heavier weekday use, and neighborhood plazas had heavier weekend use**. More users visited the plazas in downtown (Mechanics Monument, Annie, and Mint) than on weekends. On the other hand, plazas located in more of a neighborhood setting (Linden, McCoppin, Jane Warner) had relatively low weekday use than Downtown plazas, but became very popular on the weekends.

Specifically, **Jane Warner Plaza and Linden Alley saw 163% and 200% increases in number of users respectively on the weekends**, and Mechanics Monument Plaza sees a 63% decrease on the weekends. At Jane Warner Plaza, movable seating was only available on the weekend during this time, which explains the large difference. For Mechanics Monument Plaza, the opposite is true - there is no movable seating on the weekends. It does, however, have fixed seating options with on fixed seats and the steps surrounding the monument.

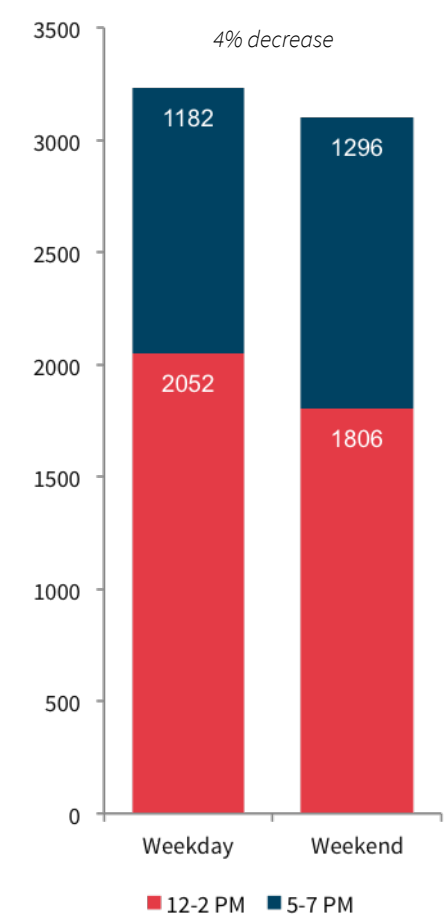
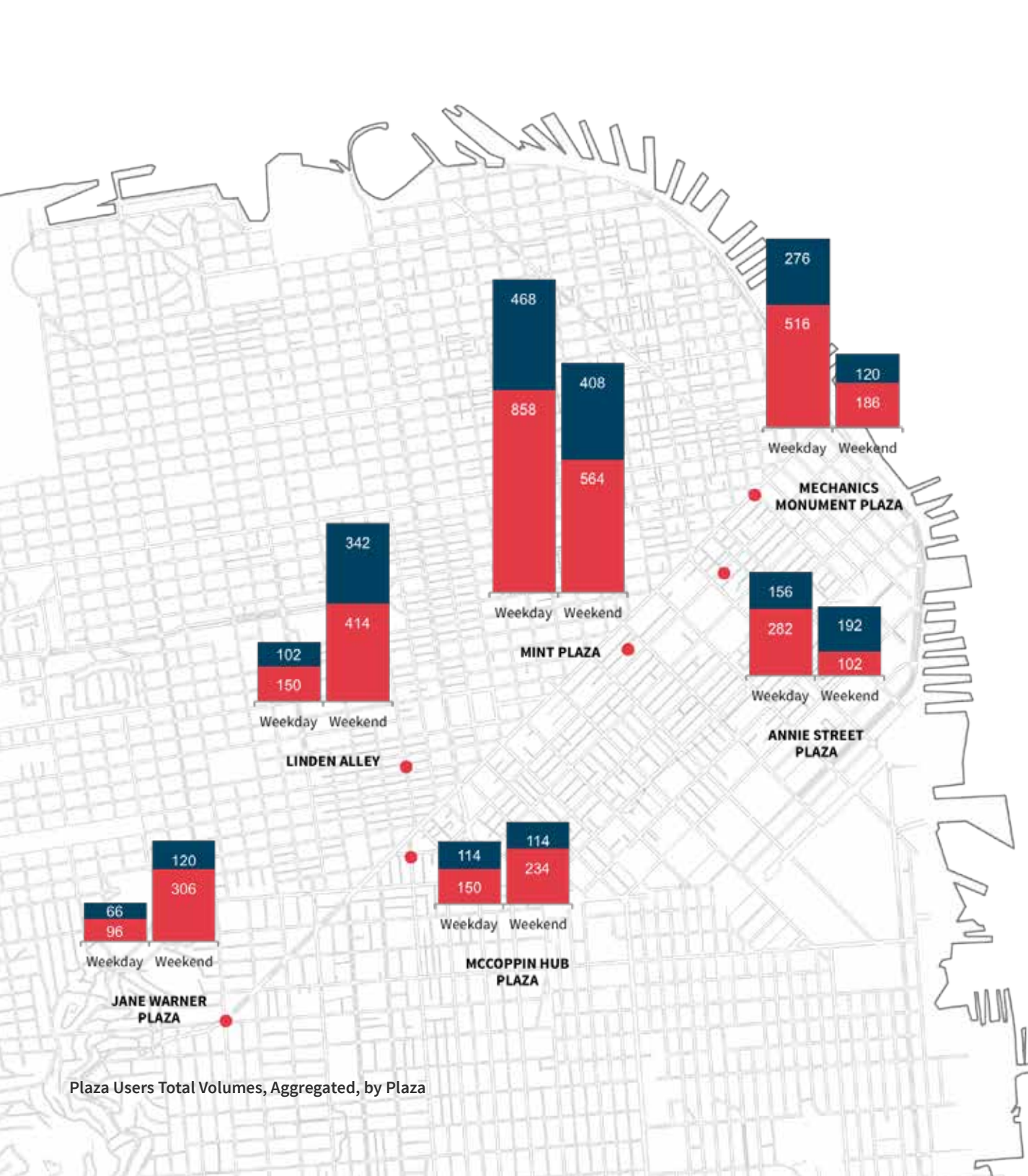
By sheer volume, **Mint Plaza had the most users on both weekdays and weekends**. As shown previously on pages 28-29, **Linden Alley and Annie Street Plaza had the most users per 1,000 sq. ft. of plaza space**, respectively, at the general weekday and weekend peak of 12-1 PM. On a weekday, Jane Warner Plaza had the lowest density of user, and on a weekend, Mint Plaza.



User Volumes, Hourly, Aggregated



Mint Plaza had the most users by volume.



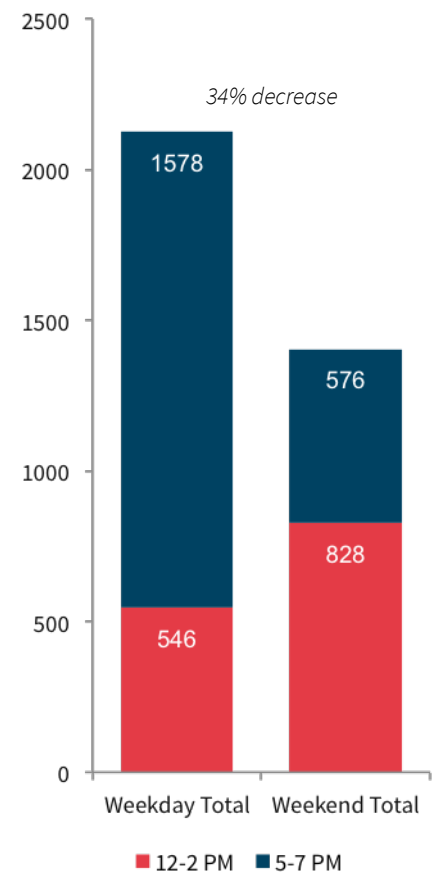
BLOCK PEDESTRIANS & CYCLISTS

For pedestrians, overall weekday volumes were slightly higher than weekend volumes, and daytime/evening volumes were about the same. For cyclists, weekday volumes were also higher, with the most cyclists present on weekday evenings.

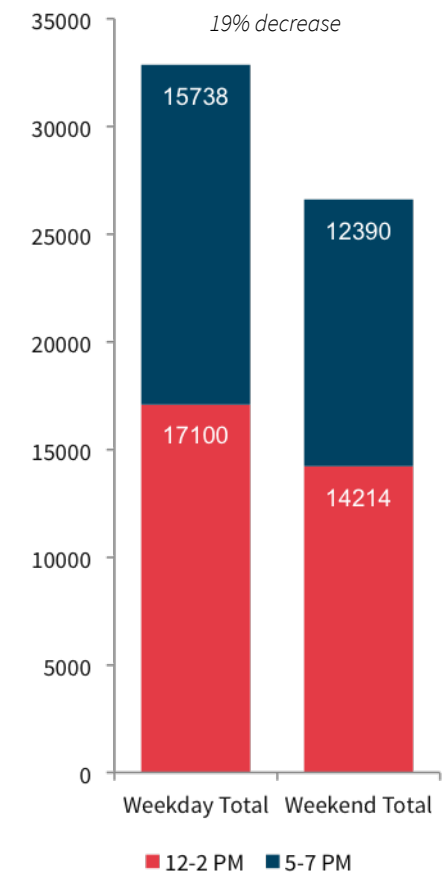
A closer look at the pedestrian volumes by plaza reveals a richer story that relates context and is similar to plaza usage trends: **Downtown is more of a weekday destination, while neighborhood areas function more as weekend destinations.** On a weekday, pedestrians were concentrated near the downtown plazas (Mechanics Monument, Annie, and Mint). These areas saw a decrease in pedestrians on the weekend, while the plazas located in more of a neighborhood setting (Linden, McCoppin, Jane Warner) saw an increase.

There is **slightly positive correlation between pedestrian volumes and plaza use.** The Summer 2014 study found a slightly positive correlation as well for weekday pedestrians and parklet use, with an R^2 of 0.0282. This study further supports the relationship, but again, the correlation is not very strong.

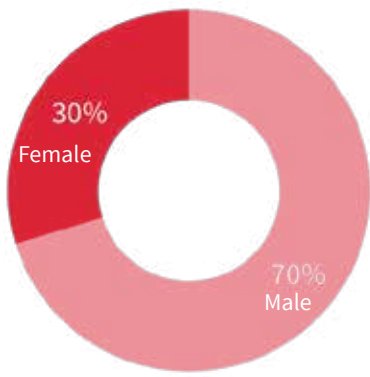
In terms of time of day, there seems to be an **overall healthy mix of daytime & evening foot traffic.** There were more pedestrians in evening hours than daytime hours on weekdays at all plazas, except Mechanics Monument Plaza. This only holds true for the weekend at Linden Alley and Jane Warner, while other plazas had higher afternoon volumes, suggesting that **the Castro and Hayes Valley are popular as weekend evening destinations.**



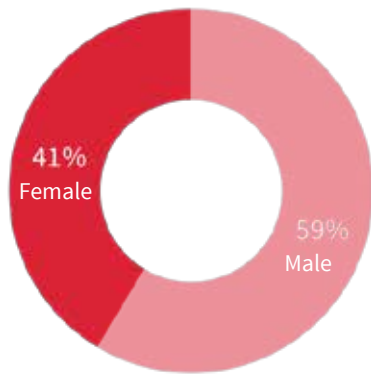
Cyclist Total Volumes, Aggregated



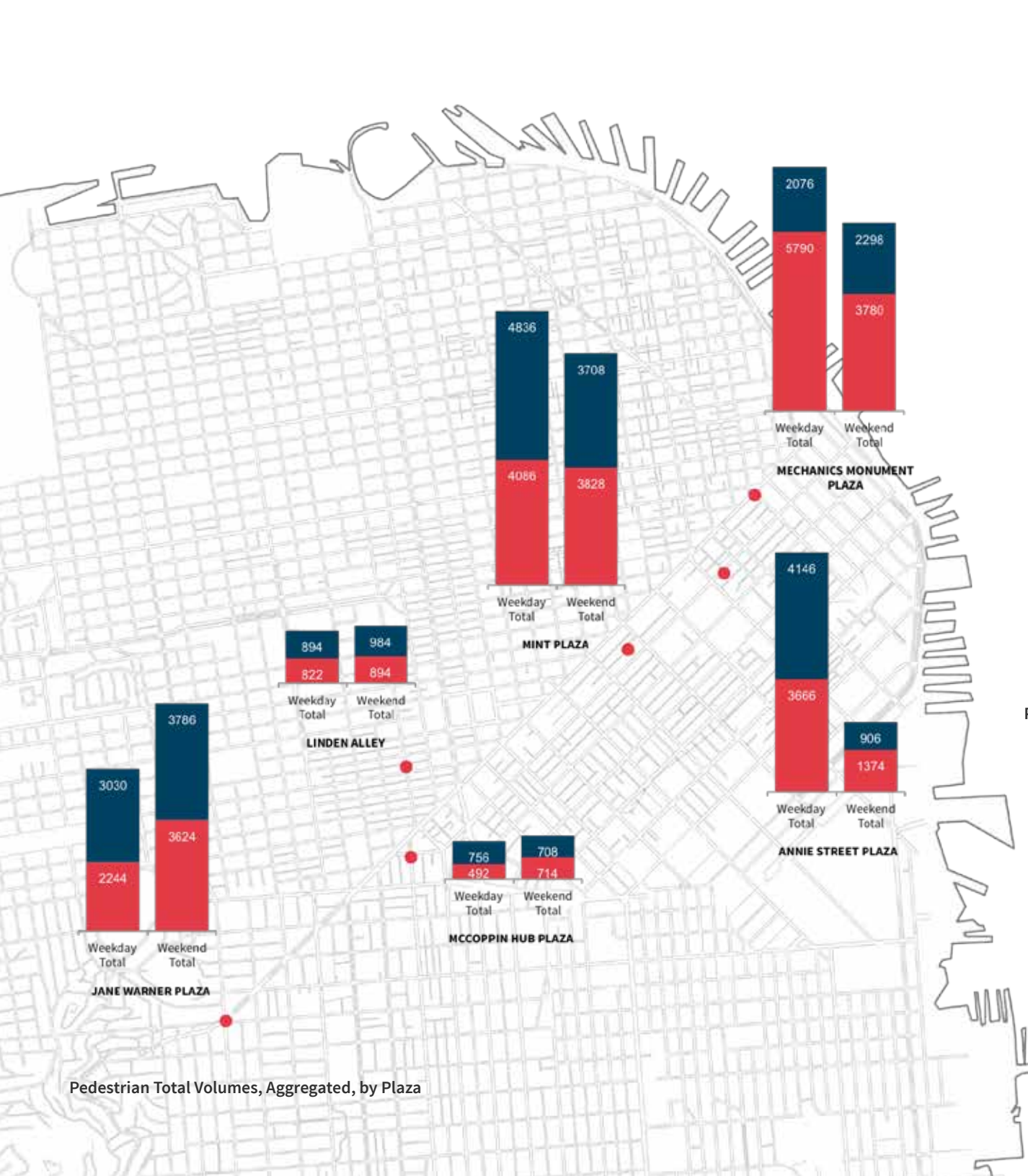
Pedestrian Total Volumes, Aggregated



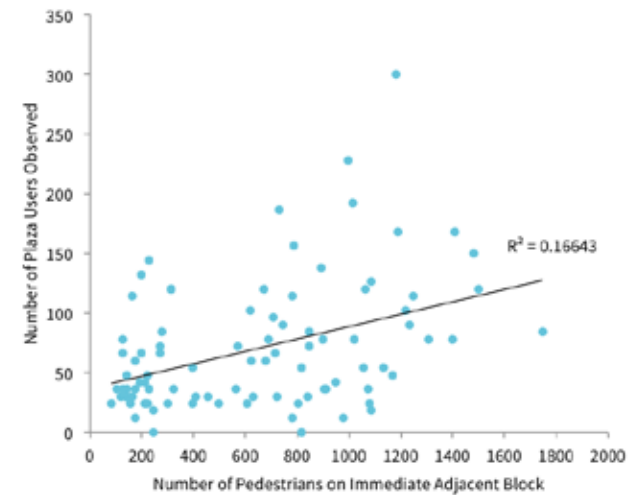
Cyclist Gender, Aggregated



Pedestrian Gender, Aggregated



when comparing these volumes to usage...



Pedestrian Block Volume vs. Plaza User Volume, Aggregated

LAND USE MIX

Land uses surrounding a public space can largely affect the flow and volumes of people in the area and thereby public space usage. Many of the City's smaller public spaces, such as parklets from the Pavement to Parks program, are able to perform as places of community interaction because they are mostly located within neighborhood-oriented commercial districts that bring high volumes of pedestrians to the street.

The selected plazas fall within a variety of zoning categories and districts, and a closer look at the current land uses surrounding the plaza reveal that **the most popular plazas generally have higher proportions of destination/amenity oriented uses nearby**. For example, Mint Plaza, which had the most users by volume, has a 41% of land uses within a quarter-mile radius oriented toward destination/amenities, and Linden Alley, which had the most dense use during weekend peaks, falls at 35%.

Destination/amenity-oriented land uses were defined for this study by combining City-categorized land uses of "Mixed Use" (with or without residential use), "Retail/Entertainment", and "Open Space/Public". "Mixed Use" and "Retail/Entertainment" suggest that there are commercial/retail uses on these parcels, such as restaurants, cafes, bars, shops, etc. These businesses and open spaces serve as destinations for people to get their daily amenities (food, groceries, services) and spend leisure time, bringing people to a place. A quarter-mile buffer translates to roughly two city blocks and was chosen to understand what is happening immediately adjacent to the plaza.

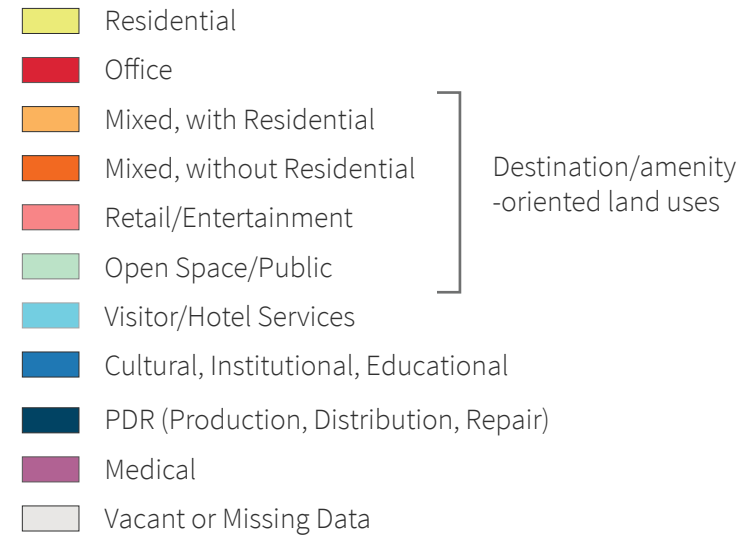
Unlike the above land uses, the remaining categories tend to have a single type of user and therefore were not analyzed as being destination or amenity-oriented. **A mix of residential uses surrounding public spaces may be important to usage**, since this implies that there is a community that may use the space and keep eyes on the street, **but the relationship is not as clear**. For example, McCoppin Hub Plaza is surrounded by 47% "Residential" or "Mixed with Residential" use, but constantly had lower user volumes than Mechanics Monument Plaza with lower residential use.

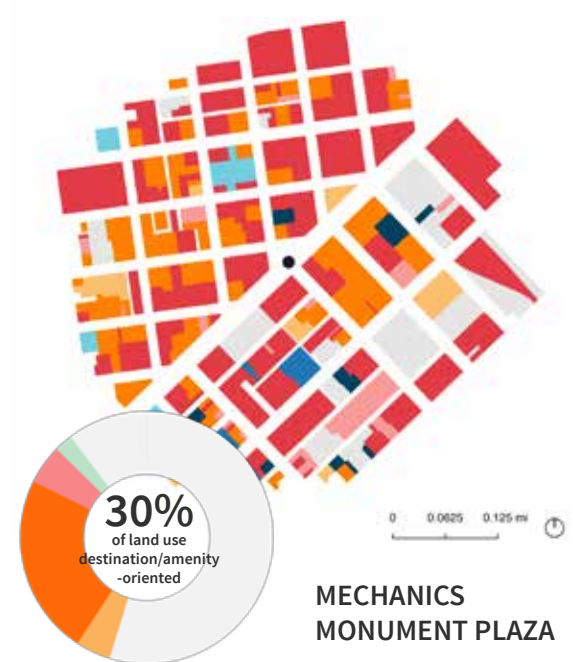
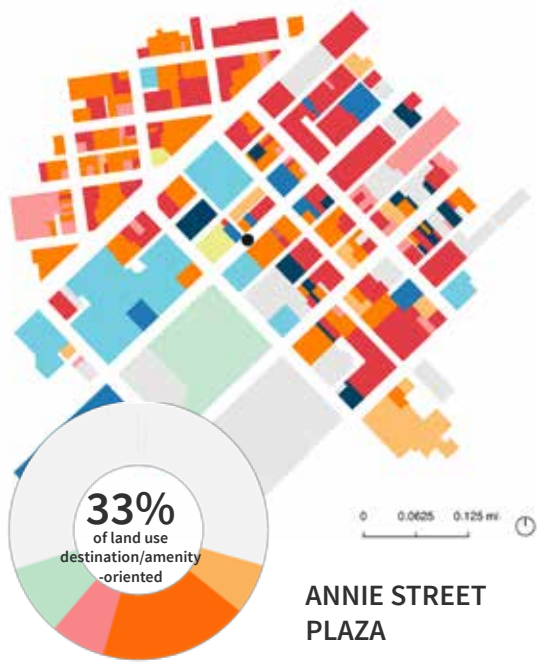
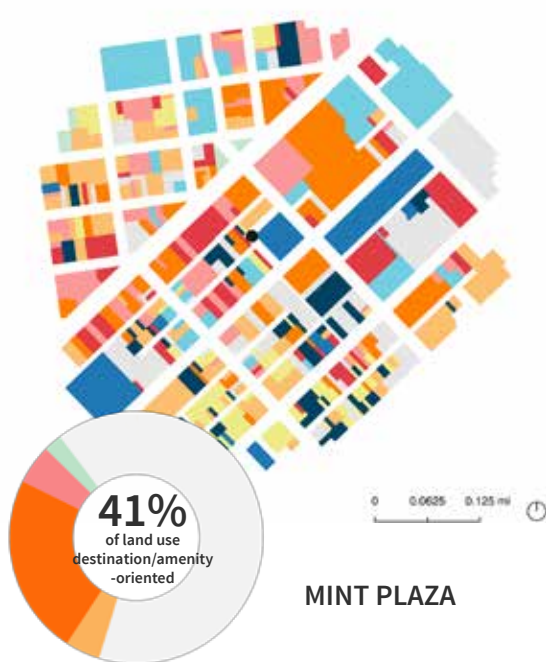
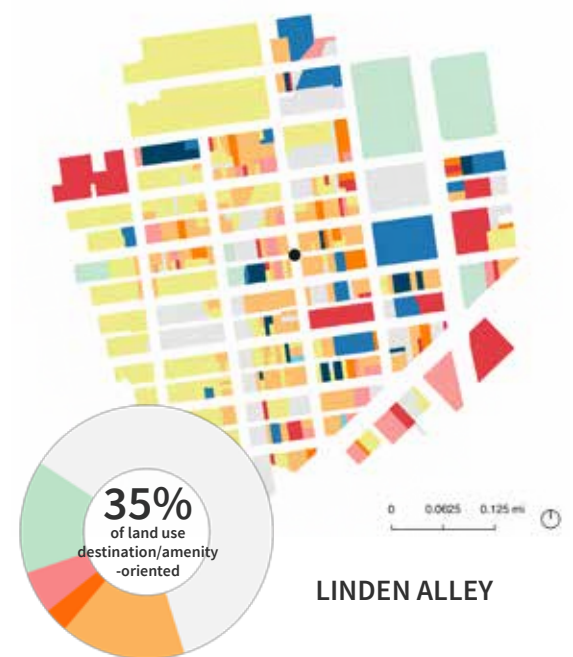
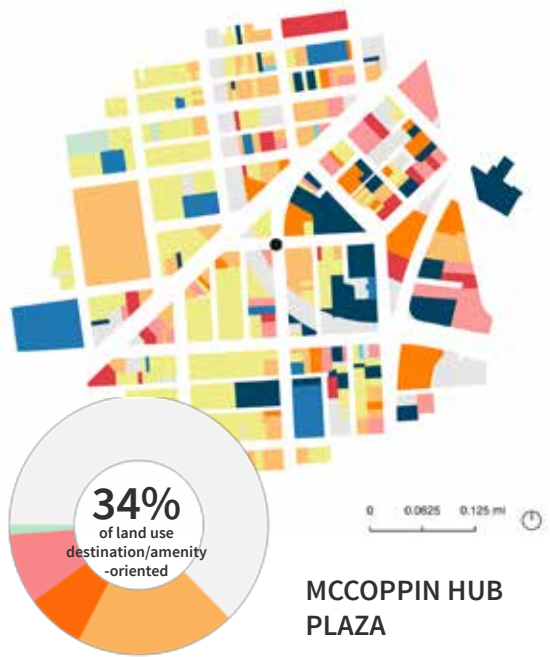
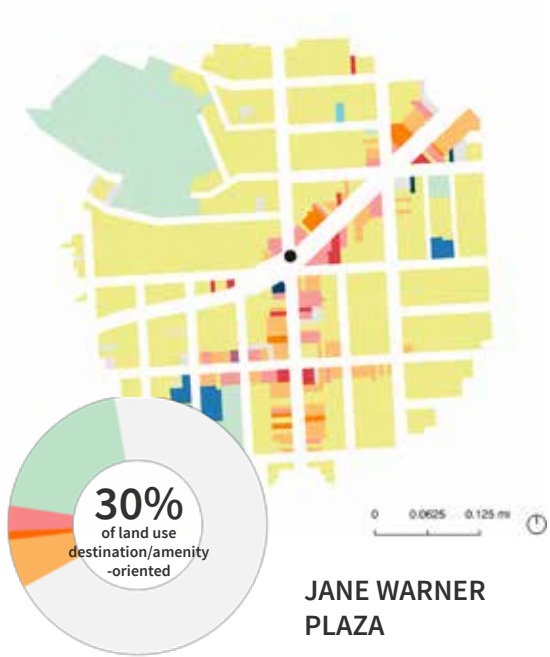


Jane Warner Plaza is located in the heart of Castro's main neighborhood commercial district.

Land Use Within 1/4-mi. of Plazas

Data Source: San Francisco Planning Department





PARAMETER 2: GREAT PLAZAS DRAW USERS OF THE LOCAL COMMUNITY.

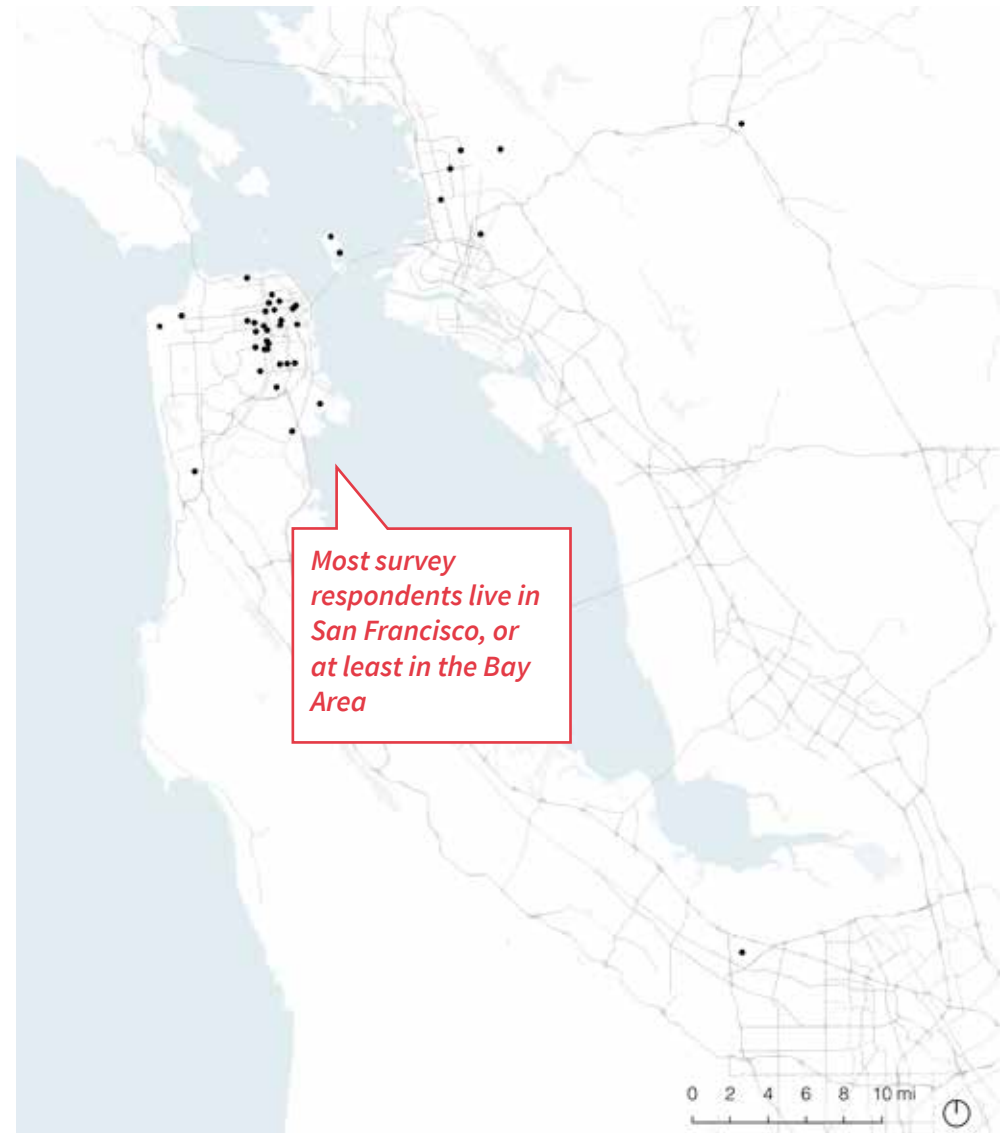
WHY USER PROFILES MATTERS

Studying who is using a plaza **allows us to better understand the space and its function to users**. Where are users from? Plazas should **create local value** in the community. How are users getting to plazas? How long do they travel? This can provide insight on how it **functions as a destination** and relates to how **well connected the space is to the city**. Who is and isn't using plazas compared to demographics of the block or the neighborhood? A great plaza **welcomes all segments of the population**, including women, children, and elderly. These data can be observed and asked via survey. Plazas can

FINDINGS

- **Plazas serve many local residents.** 77% of the 78 total survey respondents are San Francisco residents. Mechanics Monument Plaza had the lowest proportion; survey users here included a few tourists from afar (Texas and Italy).
- **Plazas can encourage active modes of transportation.** Overall, 68% of users walked or biked to the plaza, which makes sense considering 52% of users arrived in less than 10 minutes. Annie Street Plaza and Linden Alley had particularly high proportions of people who arrived on foot or bike.
- **Females are significantly underrepresented in our plazas.** Only 32% of total observed plaza users were females, which is significantly less than observed on the adjacent block (41%); than reported by U.S. Census for the surrounding neighborhood (43%); or reported for San Francisco (49%).
- **More children and elderly were observed in plazas than on surrounding blocks.** Plaza users were fairly representative of the proportion of children and elderly in the surrounding neighborhoods, and can be found more so in the plazas than on adjacent blocks. 6% of plaza users were under 16 years old, just under the 8% in the neighborhood. 10% of plaza users were over 65 years old, compared to 14% in the neighborhood.

USER RESIDENCES



77%
LIVE IN
SAN FRANCISCO

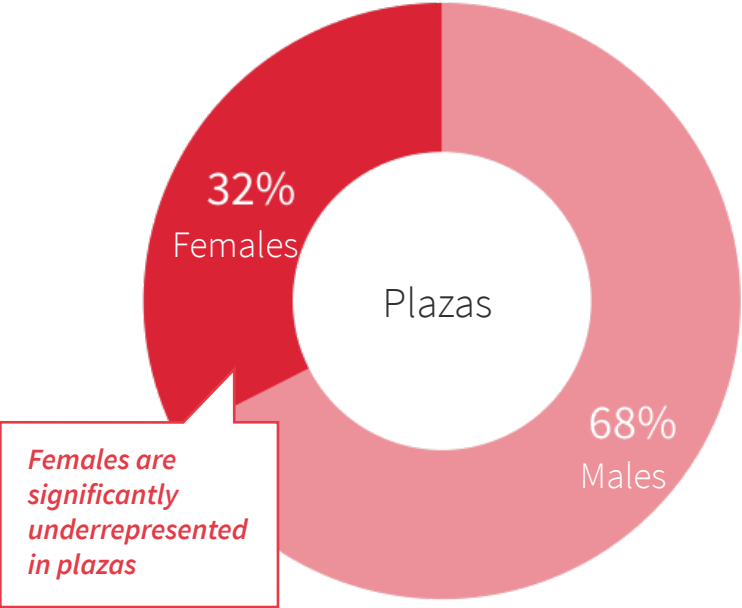


68%
WALKED OR BIKED
TO PLAZA



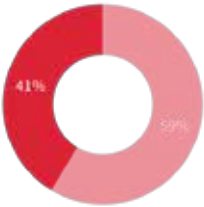
52%
ARRIVED IN LESS
THAN 10 MINUTES

GENDER BALANCE

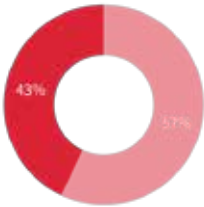


VS.

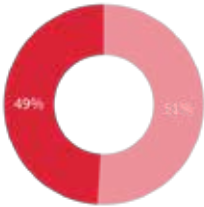
Adjacent Blocks to Plazas



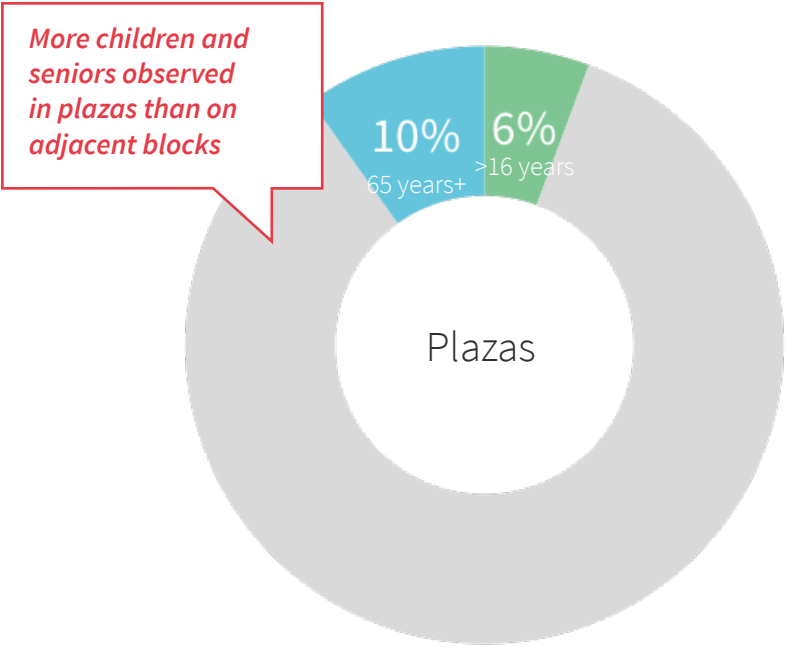
Neighborhood*



San Francisco

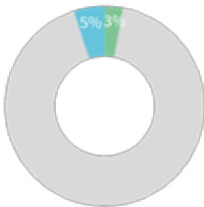


AGE BALANCE

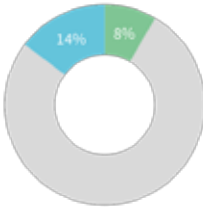


VS.

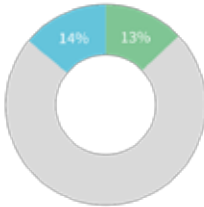
Adjacent Blocks to Plazas



Neighborhood*



San Francisco



* "Neighborhood" includes analyzed Census Tracts within 0.5 mi of plaza on pg. 25

HOW OFTEN & WHY DO THESE USERS VISIT?

FREQUENCY OF VISIT

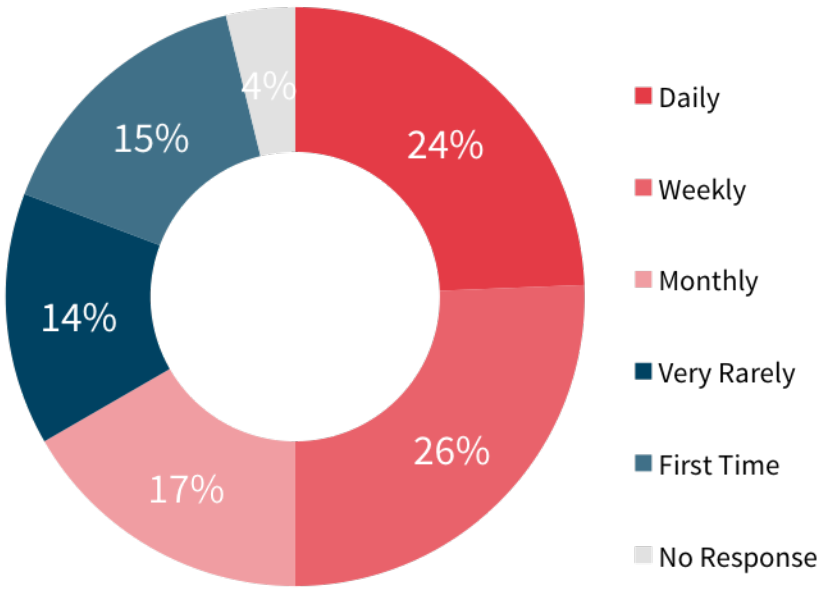
Our plazas serve as regular destinations for many of its users. 50% of users come between multiple times per day to multiple times per week. This implies that our plazas serve a regular destination for many of its users. An additional 17% come several times per month.

By plaza, Jane Warner Plaza and Linden Alley have the highest proportions of frequent users, followed by Annie Street Plaza and Mint Plaza. Mechanics Monument Plaza and McCoppin Hub have lower than overall figures.

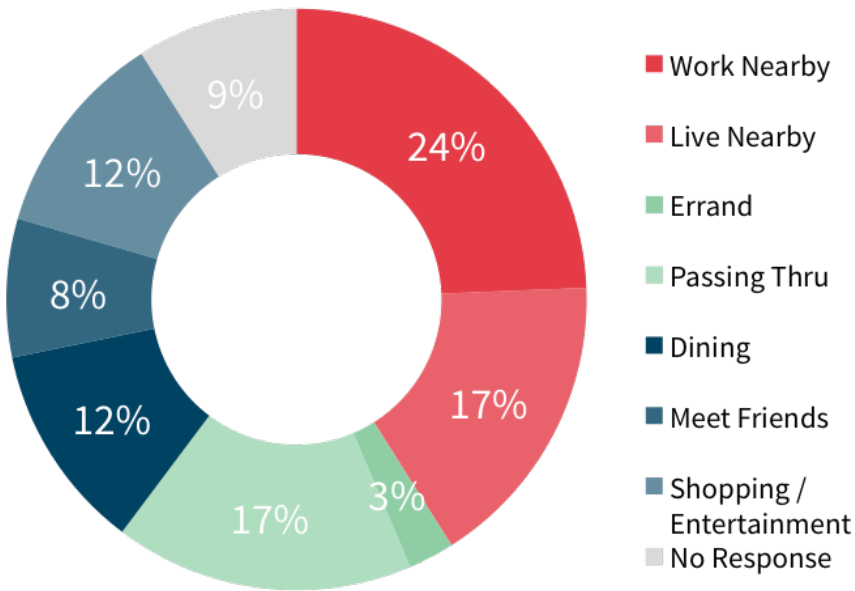
REASON FOR VISIT

Plazas draw a diverse crowd - those who are in the area for regular destinations, passing through, or for leisure. Approximately 40% of users came from either work or residences, 20% for errands or passing through, and the remaining for leisure activities, such as shopping/entertainment, meeting friends, or dining.

The Downtown plazas have more users who came from work, while the neighborhood plazas have more users who live nearby. Linden Alley had a particularly large proportion of users who came for leisure.

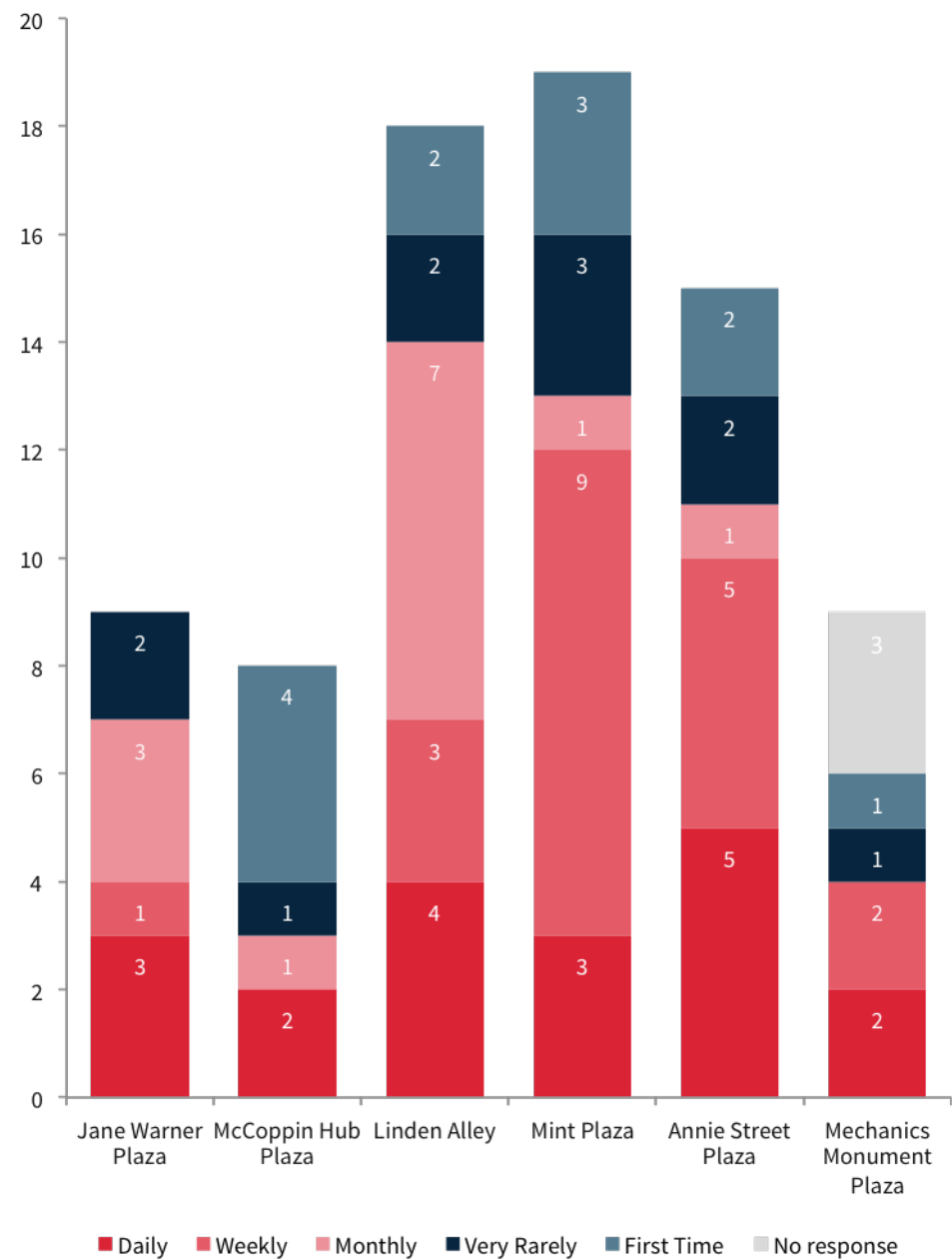


Frequency of Visit, Aggregated
Source: Plaza User Intercept Survey, N=78

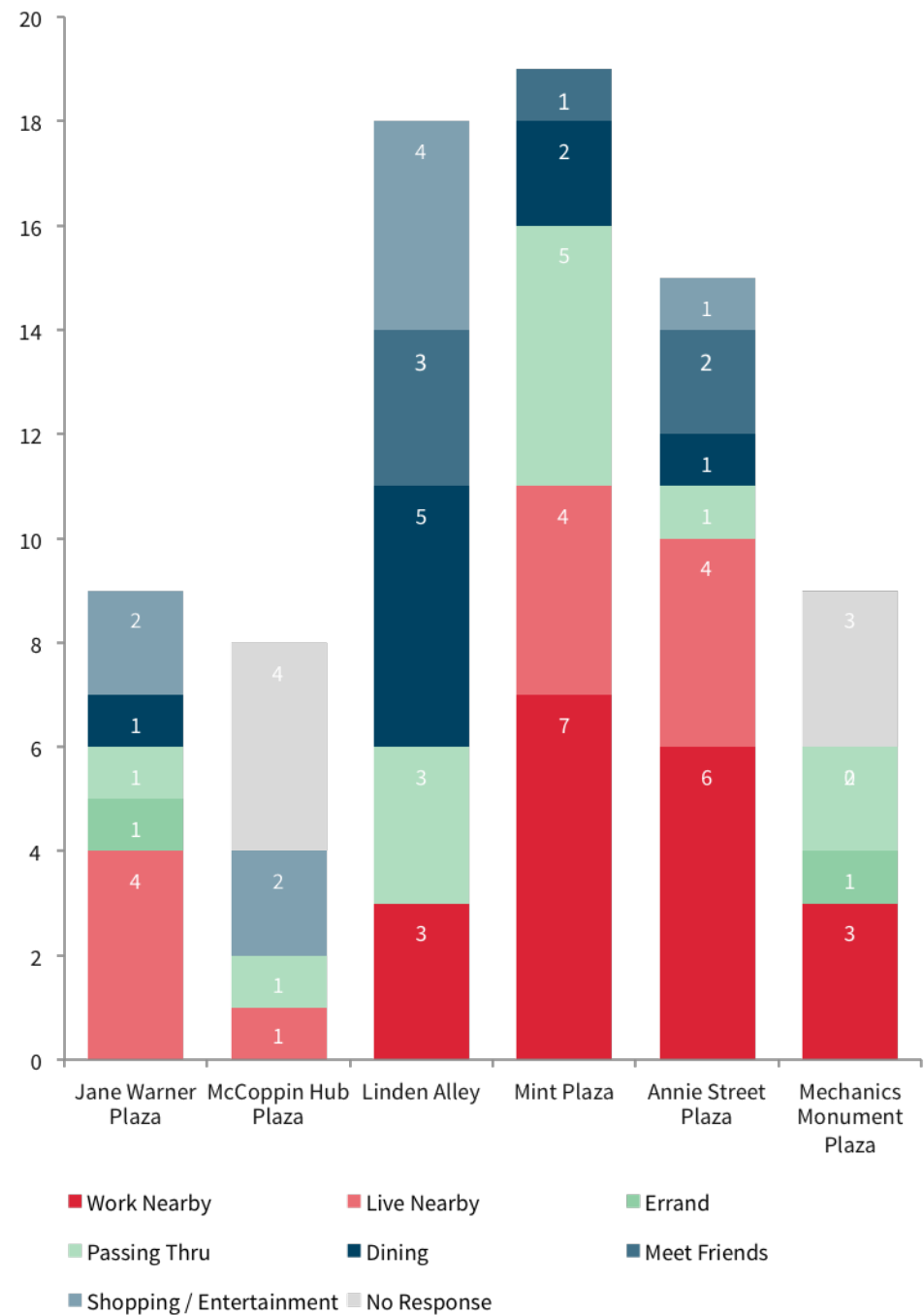


Reason for Visit, Aggregated
Source: Plaza User Intercept Survey, N=78

FREQUENCY OF VISIT



REASON FOR VISIT



PARAMETER 3: GREAT PLAZAS SUPPORT VARIOUS USES, ESPECIALLY SOCIAL BEHAVIOR.

WHY ACTIVITIES AND BEHAVIORS MATTER

Often, the **design and features of public spaces limit what postures, activities, and social behavior can occur** in the space. To maximize use and satisfaction with a space, plazas should **allow for users to people to use and engage** in the space in various ways. **Seating is especially important** to invite people to stay and use the plaza for some period.

Public spaces are **unique for their social opportunities**, allowing people to see and meet others outside their usual social avenues; sociability of a place can be assessed through observing how many people are **talking to each other or people watching**, and are in **pairs or groups**.

FINDINGS

- While seating opportunities vary by plaza, the **most used and lively plazas tend to have higher proportions of people sitting**. The number of sitters is important because they are people who choose to stay and use the plaza for some period. Jane Warner Plaza did not have any movable seating during weekday observation periods, and McCoppin Hub has fixed, isolated seating opportunities.

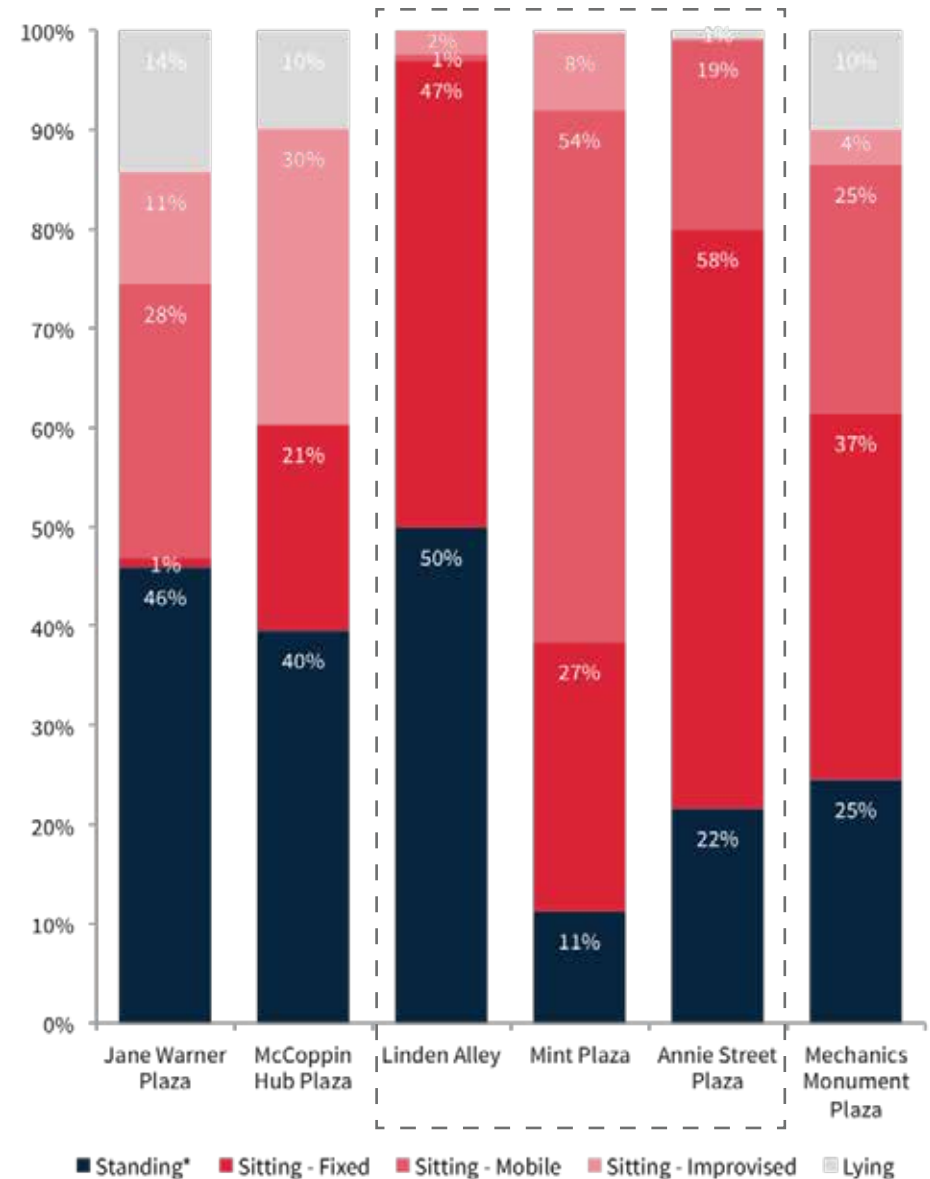
- Plazas are mainly used for talking to others**, accounting for 37% of observed activities across plazas, followed by eating/drinking (18%) and people watching (14%).

- Over half of users came in pairs and groups**, suggesting that plazas are social destinations. Jane Warner Plaza, Linden Alley, and Mint Plaza had particularly high proportions of grouped users.



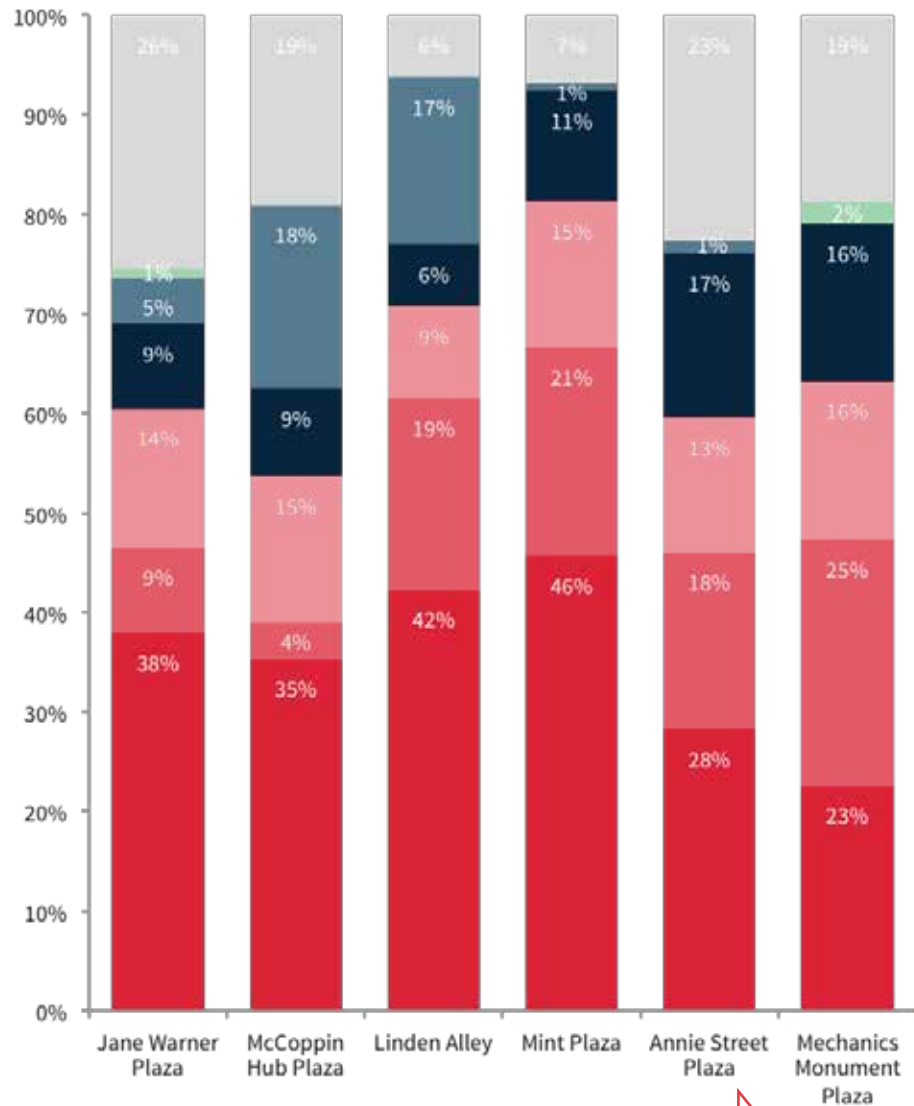
A job interview observed at Mint Plaza

OBSERVED POSTURES IN PLAZAS



The most used plazas tend to have higher proportions of sitters, i.e. people who choose to stay for some period

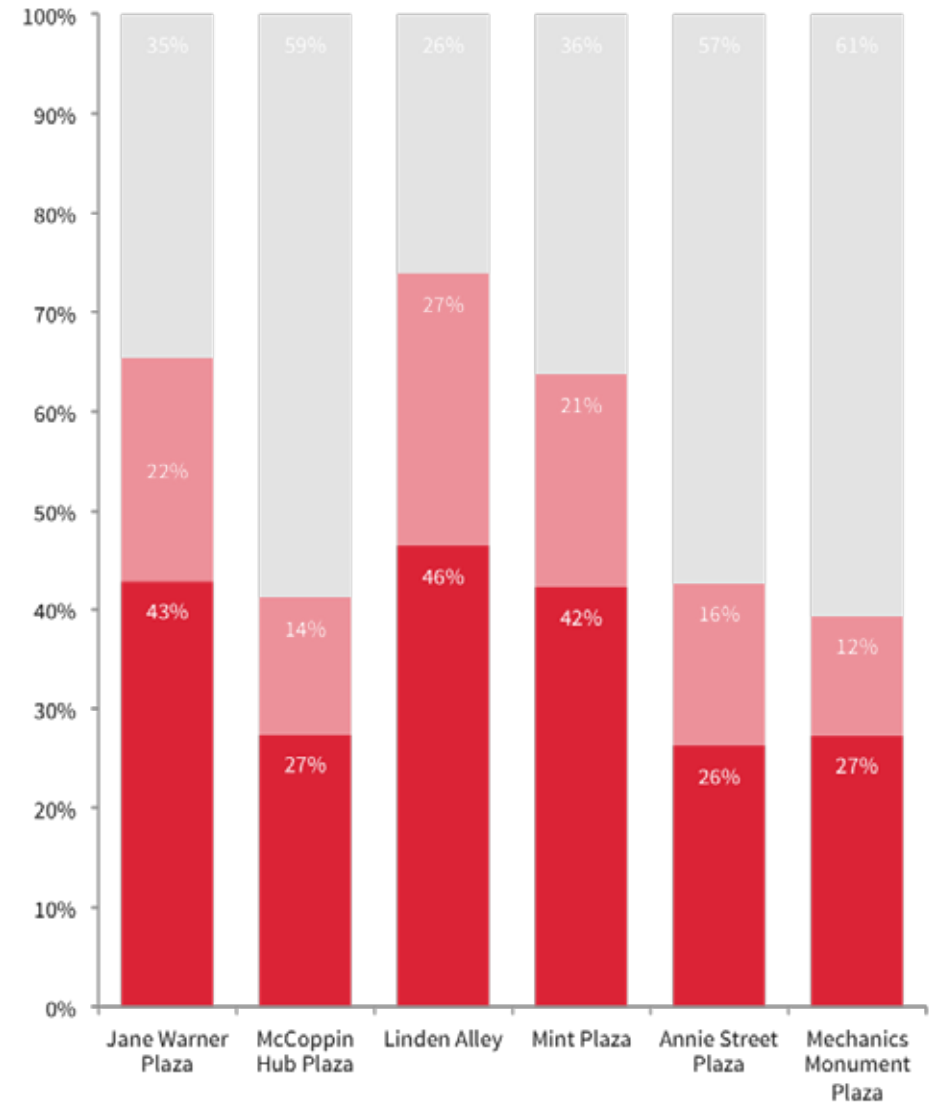
OBSERVED ACTIVITIES IN PLAZAS



- Talking with one another
- Eating / Drinking
- People-watching
- Electronic Device
- Commerce (Formal & Informal)
- Children Playing
- Other

Our plazas serve as places to chat, to eat, to people watch

OBSERVED USER GROUPINGS



- Pairs
- Groups
- Single

Plazas are social destinations.

PARAMETER 4: GREAT PLAZAS ARE POSITIVELY PERCEIVED BY ITS USERS.

WHY USER PERCEPTION MATTERS

Observing volumes, uses, and behaviors are indicators for some level of success of space, but surveying users tells us what we cannot observe: just **how satisfied are they with the space**. Survey respondents were asked about satisfaction levels (on a scale of 1-5, 1 being unsatisfied, 5 being satisfied) with cleanliness; maintenance; safety from vehicles; protection from weather; and ease of socializing. Cleanliness, maintenance, and ease of socializing can be **strongly influenced by the operations of a space**, which vary by site.

While the sample sizes per plaza are small, ratings can still suggest **what could be improved by design or management** for each space, and **considerations for future public spaces** to better meet user needs.

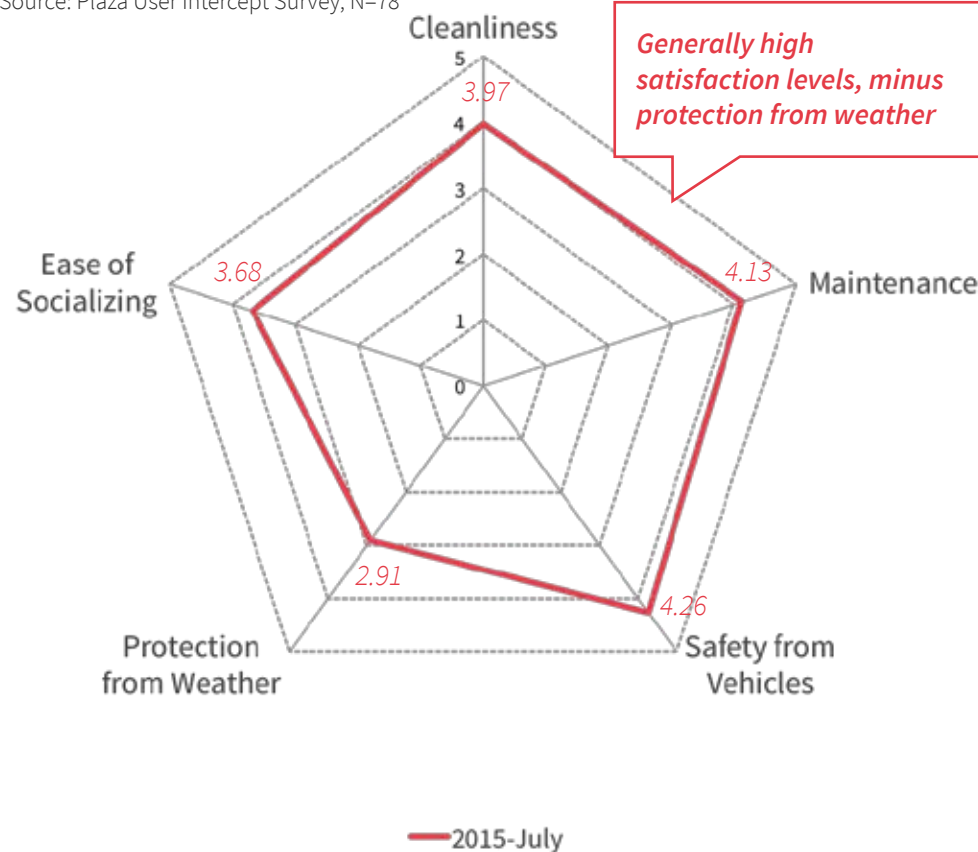
FINDINGS

- Users are **generally satisfied with plazas**, with all category responses ranging from 3.5-4.5, **except for protection from weather**. Protection from weather is low mostly due to Jane Warner Plaza and Mechanics Monument Plaza. These plazas are the **most exposed to environmental elements**, with their location on Market St, open edges, and lack of vertical features.
- Compared to prior data for Jane Warner and Mechanics Monument Plaza from 2014, **user satisfaction for cleanliness and protection from weather noticeably decreased** at both plazas. In addition, users are less satisfied with maintenance at Jane Warner Plaza, and ease of socializing at Mechanics Monument Plaza.
- Compared to prior data for Annie Street Plaza from May 2015, **user satisfaction with ease of socializing increased** for responses in July 2015.
- Well-used and well-perceived spaces, such as Mint and Annie Street Plaza, tend to have **stewards on site to upkeep the space; a diverse set of seating; and regularly scheduled events**. Mint Plaza even features food trucks and coffee kiosks on site.

HOW DO PEOPLE PERCEIVE THESE PLAZAS?

Overall: Summer 2015 Survey

Source: Plaza User Intercept Survey, N=78



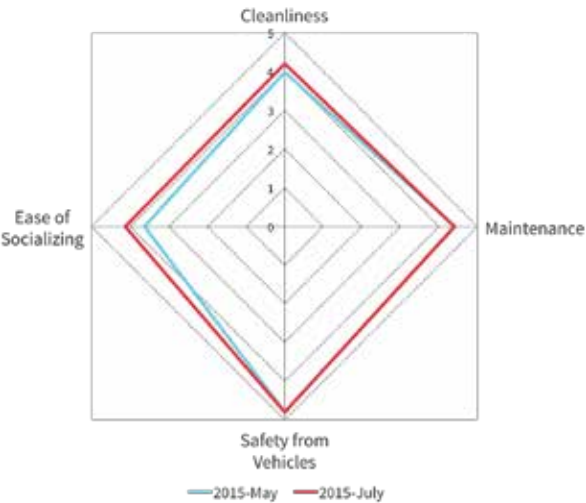
User Satisfaction by Plaza

Cells in blue = Higher than overall average

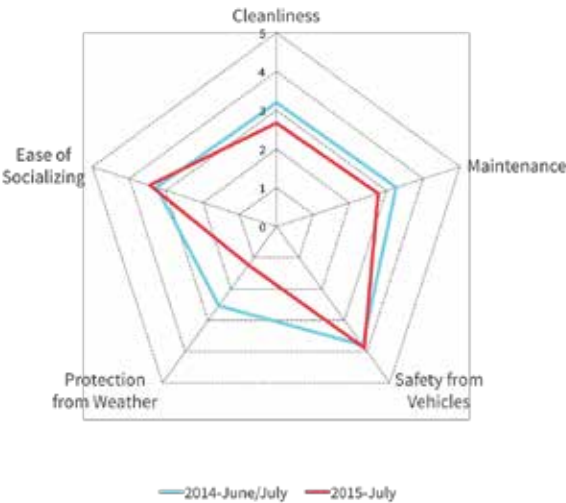
	No. of Responses	Cleanliness	Maintenance	Safety from Vehicles	Protection from Weather	Ease of Socializing
Jane Warner Plaza	9	2.67	2.78	3.89	1.22	3.44
Linden Alley	18	4.22	4.22	3.44	2.61	3.56
McCoppin Hub Plaza	8	4.33	4.50	4.57	4.43	4.29
Mint Plaza	19	4.21	4.37	4.42	3.89	3.58
Annie Street Plaza	15	4.20	4.40	4.80	3.07	4.13
Mechanics Monument Plaza	9	3.63	4.13	4.88	1.50	3.13
Overall Average, Category	78	3.97	4.13	4.26	2.91	3.68

FOR PREVIOUSLY STUDIED PLAZAS, HOW HAS USER SATISFACTION CHANGED OVER TIME?

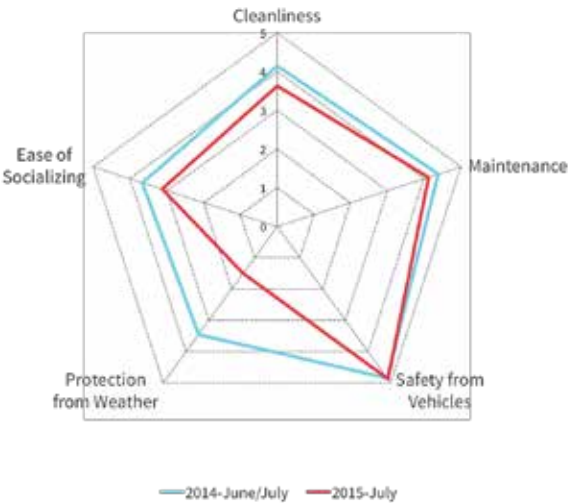
Annie Street Plaza:
vs. May 2015 (N=70)



Jane Warner Plaza:
vs. June/July 2014 (N=15)



Mechanics Monument Plaza:
vs. June/July 2014 (N=13)



HOW DO OPERATIONS AND MAINTENANCE COMPARE ACROSS PLAZAS?

Operations and Maintenance Comparison						
	Jane Warner Plaza	McCoppin Hub Plaza	Linden Alley	Mint Plaza	Annie Street Plaza	Mechanics Monument Plaza
Management and Maintenance Entity	Castro CBD	OEWD	Property owners	Friends of Mint Plaza (Non-profit)	Yerba Buena CBD	Public Works
Steward On Site Daily (or Almost Daily) (Y/N)	N	N	N	Y	Y	Y
Litter Picked Up At Least Weekly (Y/N)	Y	N	N	Y	Y	Y
Programming/Events in 2014: Entity, Scheduled Months, Frequency	'People in Plazas', July-Sept, 2x/Month	'People in Plazas', July-Oct, 3-5x/Week	None	'People in Plazas', July-Oct, 1x/Week, plus weekly food trucks/coffee kiosk	Yerba Buena CBD, Feb-July, 1-2x/Week	'People in Plazas', Sept, 1x/Week
Ensures diversity of seating available (movable seating)	Y; weekends, until evening	None	None	Y; weekdays/ends, until evening	Y; weekdays, until evening	Y; weekdays, until evening



Stewardship efforts can strongly influence user perception & use of plaza



YERBA BUENA

MARKET ST 0.1

H/O



E STREET PLAZA

WENH

WENH

RECOMMENDATIONS

RECOMMENDATIONS

To improve plazas against these parameters, steps can be taken in planning, in design, and operations/management. Based on the patterns and findings of this study, I recommend the following:

- **Pay attention to the edge conditions.**
- **Nearby amenities and destinations are key drivers to surrounding block volumes and plaza usage.**
- **Provide for comfort and choices in seating.**
- **More varied features may draw more varied activities.**
- **Design for safety.**
- **Activate regularly.**

These recommendations are further discussed in the following sections, with the best example from the evaluated plazas.

IN PLANNING

Pay attention to the edge conditions. What is happening on the edges can influence plaza usage. Since plazas rated low for protection from weather, plazas should be located with at least some enclosed edges to protect against extreme weather conditions. Pedestrian volumes and trends on adjacent blocks are good indicators of how much and when a plaza may be used.

- A great example: Annie Street Plaza

Nearby amenities and destinations are key drivers to surrounding block volumes and plaza usage. Livelier plazas seem to have more retail/commercial, mixed use, and open spaces directly around the space. Active storefronts adjacent to provide eyes on the street and foot traffic.

- A great example: Linden Alley



Sit on a bench, sit in the shade, sit in the sun, sit together, sit alone... The choices are endless at Mint Plaza!

IN DESIGN

Provide for comfort and choices in seating. People tend to stay in a space where seating is provided, especially movable. Seating is important to think about in terms of serving diverse user needs; the disabled, the elderly, and families are especially likely to look for seating for relief or to pass time. Plazas with movable seating in particular had a higher average of users per count than plazas that did not, and when movable seating was not present during observation periods, usage was much lower. Users like to choose how exposed or not they are to sun, shade, and wind, so movable furniture is key.

- A great example: Mint Plaza

More varied features may draw more varied activities. There were few counts of other activities in these plazas that may draw different segments of the population or add to the liveliness of spaces, such as performance/cultural, children playing, or physical exercise. Perhaps this is limited by the inherent design of the space.

- A great example: Mechanics Monument Plaza

Design for safety. The design of a plaza can influence how safe or comfortable a space reads to a passerby, as well as people's choice to use a space in evening hours. Sufficient lighting and low edges provide visibility into a space could encourage use. Surrounding businesses also could help keep eyes on the space, increasing the feeling of safety.

- A great example: Mint Plaza

OPERATIONS/MANAGEMENT

Program regularly. Events bring people together and help create lively spaces. Programming events also creates an opportunity to think about the underrepresented groups and how to create an inviting experience for them. Events can be organized by both the stewards and local residents. Good stewardship would entail having a calendar or social media outlet to communicate what events are happening and when.

- A great example: Annie Street Plaza



Kids Club event at Annie Street Plaza, June 13, 2015. Photo by Gene Stroman.





CONCLUSION

CONCLUSION

SUMMARY

San Francisco plazas are of great value to the city and its people. They provide more public spaces for San Francisco's growing population, especially in the more urban neighborhoods that may be lacking open space, but most visibly, they provide space for people and life to come together. Plazas are places where public life can flourish, where there is certain excitement and energy from being amongst others, and where cities come to life.

The analysis of Public Life survey data and secondary research reveal that the studied plazas generally meet the report's four parameters of great plazas:

- *Well-used and lively:* Especially high usage at Mint Plaza, Linden Alley, and Annie Street Plaza
- *Draw users of the local community:* Many San Francisco residents, but some segments of population underrepresented
- *Support various uses, especially social behavior:* Many uses and pairs/groups observed but could be improved with different features or programming
- *Positively perceived by its users:* Users generally report being satisfied with qualities of plaza, except for protection from weather

Moving forward, the posed recommendations can be researched or considered further to work toward higher usages, user satisfaction, and representativeness in San Francisco plazas. The Summer 2015 Public Life survey was Pavements to Park Program's first effort to evaluate plazas specifically on a citywide scale. As one of the most active entities in both creating and evaluating public spaces in San Francisco, Pavement to Parks will be adding to its growing Public Life survey database, which helps inform decisions, Program direction, and future research. The Planning Department and the City of San Francisco have long valued the quality of our public realm, as attested by its various guiding plans, programs, and projects, and should continue to enhance and create quality plazas for increased livability and vibrancy of our city.



Jane Warner Plaza



Annie Street Plaza

LIMITATIONS OF METHODOLOGY AND DATA

While the used instruments capture a lot of rich information, it is important to acknowledge there are some limitations and possible biases in observation and survey methods. The data collected is not necessarily representative or hold complete validity. Many San Francisco residents leave for vacation elsewhere during summer months, and tourists seem to come in higher volume; this may have impacted the data collected. On blocks or plazas with high volumes, counts may be slightly off. Urban observation methods are also subject to interpretive bias. There were also some inconsistencies with seating opportunities, and certain shifts had a programmed event or unpleasant weather. Most survey questions were structured with specific answer choices, which facilitates data analysis but limits respondents' answers. It is hopeful that the open-ended questions and space for additional comments allowed for free form answers. In survey response recruitment, users might have behaved differently based on who or how they were approached, and administrators might have only approached certain users. There might have been instances of self-selection bias. Lastly, limited time and resources are also a major constraint with completing public life surveys.

RECOMMENDATIONS FOR FUTURE PUBLIC LIFE STUDIES

For future public life studies, I recommend that the Program study all times of the day, instead of just peak hours, to get a realistic understanding of a space's day-to-day use. This has been completed for some of the Planning Department's Public Life surveys and requires many hours and volunteers, but it is worth the effort if the Program would like to evaluate spaces with minimal estimating. In terms of the user survey, additional questions could provide further insight on:

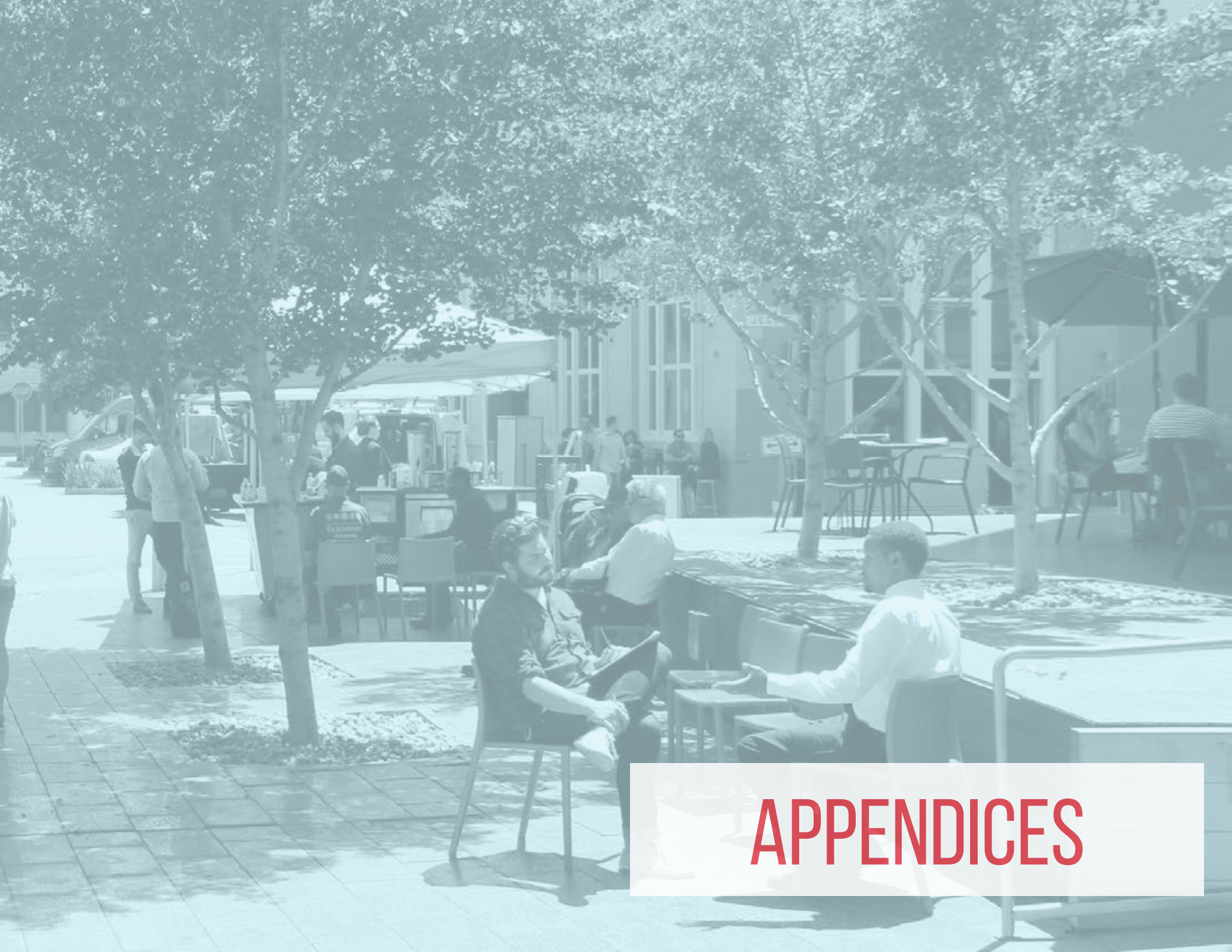
- *Impact of the Program's projects*, such as asking if respondents' time spent outdoors has increased with the space
- *Sociability*, such as if respondents recognize anyone in the space; and
- *How to increase visits/attachments to a place*, such as if they would come more frequently if there were publicized community events

Future research should further analyze the relationships between usage and land use mix and/or stewardship, as these two factors seem important to public space usage and perception.

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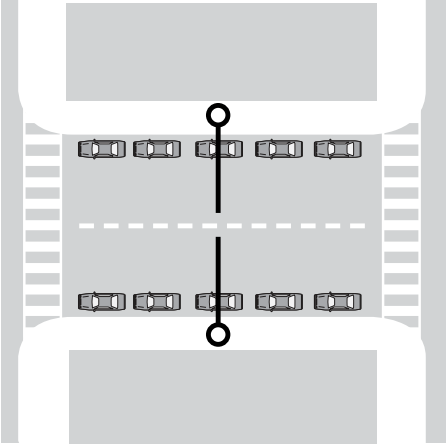
APPENDICES

PEDESTRIAN
AND BICYCLE
SCREENLINE COUNT

STREET NAME		ADDRESS RANGE	
<input type="checkbox"/> ODD SIDE OF STREET		<input type="checkbox"/> EVEN SIDE OF STREET	
DATE		<input type="checkbox"/> WEEKDAY	<input type="checkbox"/> WEEKEND
NAME			
WEATHER CONDITION			
<div><div><input type="checkbox"/></div><div></div><div><input type="checkbox"/></div><div></div><div><input type="checkbox"/></div><div></div><div><input type="checkbox"/></div><div></div><div><input type="checkbox"/></div><div></div></div>			
TEMPERATURE			
TIME IN		TIME OUT	
(FOR EXACTLY 10 MINS)			

ENTER DATA AT : [TINYURL.COM/SF-ST-PED-COUNT](https://tinyurl.com/sf-st-ped-count)
EMAIL QUESTIONS TO ROBIN.ABAD@sfgov.org

SAMPLE STREET BLOCK



— SCREENLINE: COUNT PEDESTRIANS AND BIKES
CROSSING THIS LINE
○ STAND FOR 10 MINUTES AT EACH SPOT,
SOMEWHERE IN THE MIDDLE OF THE BLOCK

SAN FRANCISCO
PLANNING DEPARTMENT

PEDESTRIANS				SUBTOTAL	TOTAL
LEFT TO RIGHT → ← RIGHT TO LEFT → ←					
DIRECTION OF TRAVEL*	MALE				
	FEMALE				
15 YEARS OLD AND UNDER					≤15
OVER 65 YEARS OLD					65+
RUNNING/ JOGGING					
SKATEBOARDS, ROLLERBLADES, ETC.					
WHEELCHAIR/ SPECIAL NEEDS					



CYCLISTS				SUBTOTAL	TOTAL
LEFT TO RIGHT → ← RIGHT TO LEFT → ←					
DIRECTION OF TRAVEL*	MALE				
	FEMALE				
15 YEARS OLD AND UNDER					≤15
OVER 65 YEARS OLD					65+
COUNTER- TRAFFIC					
ON SIDEWALK					
NO HELMET					

*MUST ADD UP TO 100% OF SAMPLE

NOTES

Architectural site plan of the 'SPECIALTY'S BUILDING'. The plan shows a curved road on the left labeled 'SPECIALTY'S BUILDING'. A series of circular structures, each with a central square and radiating lines, are arranged along a diagonal path. A grid of squares is located in the center. A large rectangular building is on the right. The plan includes labels for 'PA', 'STEPS (TYP.)', and 'STEPS (TYP.)'. A north arrow is also present.

INPUT DATA AT: [TINYURL.COM/SF-PLAZA-ACT-MAP](https://tinyurl.com/sf-plaza-act-map)



YOUR NAME	
TIME IN 	TIME OUT 

DATE
DAY OF WEEK <input type="checkbox"/> WEEKDAY <input type="checkbox"/> WEEKEND

**SAN FRANCISCO
PLANNING DEPARTMENT**

PLAZA USER INTERCEPT SURVEY

INPUT DATA AT: [TINYURL.COM/SF-PED-INTERCEPT](http://tinyurl.com/sf-ped-intercept)

STREET NAME		SURVEYOR NAME	
ADDRESS RANGE (I.E. "400'S")	SIDE OF STREET <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	SHEET NO	OF TOTALSHEETS
DATE	DAY OF WEEK <input type="checkbox"/> WEEKDAY <input type="checkbox"/> WEEKEND	TIME IN 	TIME OUT 

NOTES

HOW DID YOU GET TO _____
TODAY?

- | | |
|-------------|--------------|
| A - ON FOOT | E - CARSHARE |
| B - BY BIKE | F - CAR |
| C - TRANSIT | G - OTHER |
| D - TAXI | |

- | | |
|---|---|
| A | E |
| B | F |
| C | G |
| D | |

- | | |
|---|---|
| A | E |
| B | F |
| C | G |
| D | |

- | | |
|---|---|
| A | E |
| B | F |
| C | G |
| D | |

- | | |
|---|---|
| A | E |
| B | F |
| C | G |
| D | |

- | | |
|---|---|
| A | E |
| B | F |
| C | G |
| D | |

WHY DID YOU CHOOSE THOSE
MODES?

- | | |
|-------------|-------------------|
| A - FASTER | C - RECREATION |
| B - CHEAPER | D - AVOID PARKING |

- | | |
|---|---|
| A | C |
| B | D |

- | | |
|---|---|
| A | C |
| B | D |

- | | |
|---|---|
| A | C |
| B | D |

- | | |
|---|---|
| A | C |
| B | D |

- | | |
|---|---|
| A | C |
| B | D |

HOW LONG DID IT TAKE YOU TO
ARRIVE?

- | | |
|---------------|----------------|
| A - ≤ 5 MINS | C - 10-30 MINS |
| B - 5-10 MINS | D - ≥ 30 MINS |

- | | |
|---|---|
| A | C |
| B | D |

- | | |
|---|---|
| A | C |
| B | D |

- | | |
|---|---|
| A | C |
| B | D |

- | | |
|---|---|
| A | C |
| B | D |

- | | |
|---|---|
| A | C |
| B | D |

HOW OFTEN DO YOU VISIT?

- | | |
|-------------------|-------------------|
| A - ONCE A DAY | E - SEVERAL TIMES |
| B - ONCE A DAY+ | F - PER MONTH |
| C - ONCE A WEEK | F - VERY RARELY |
| D - ONCE A WEEK + | G - FIRST TIME |

- | | |
|---|---|
| A | E |
| B | F |
| C | G |
| D | |

- | | |
|---|---|
| A | E |
| B | F |
| C | G |
| D | |

- | | |
|---|---|
| A | E |
| B | F |
| C | G |
| D | |

- | | |
|---|---|
| A | E |
| B | F |
| C | G |
| D | |

- | | |
|---|---|
| A | E |
| B | F |
| C | G |
| D | |

WHAT IS THE REASON FOR
YOUR VISIT?

- | | |
|------------------|-------------------|
| A - LIVE NEARBY | E - SHOPPING |
| B - WORK NEARBY | F - DINING |
| C - PASSING THRU | G - ENTERTAINMENT |
| D - ERRAND | H - MEET FRIENDS |

- | | |
|---|---|
| A | E |
| B | F |
| C | G |
| D | H |

- | | |
|---|---|
| A | E |
| B | F |
| C | G |
| D | H |

- | | |
|---|---|
| A | E |
| B | F |
| C | G |
| D | H |

- | | |
|---|---|
| A | E |
| B | F |
| C | G |
| D | H |

- | | |
|---|---|
| A | E |
| B | F |
| C | G |
| D | H |

WHERE DO YOU LIVE?

CITY
ZIPCODE
INTERSECTION

HOW MUCH DO YOU TYPICALLY
SPEND WHEN VISITING _____?

- | | |
|------------------|------------------|
| A - \$0 | D - \$20 TO 40 |
| B - \$10 OR LESS | E - \$40 TO \$60 |
| C - \$10 TO \$20 | F - \$60 OR MORE |

- | | |
|---|---|
| A | D |
| B | E |
| C | F |

- | | |
|---|---|
| A | D |
| B | E |
| C | F |

- | | |
|---|---|
| A | D |
| B | E |
| C | F |

- | | |
|---|---|
| A | D |
| B | E |
| C | F |

- | | |
|---|---|
| A | D |
| B | E |
| C | F |

	RESPONDENT 1	RESPONDENT 2	RESPONDENT 3	RESPONDENT 4	RESPONDENT 5
WHAT DO YOU THINK OF THIS PLAZA?	UNSATISFIED - 1 2 3 4 5 - SATISFIED				
PLAZA CLEANLINESS	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
PLAZA MAINTENANCE	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
SAFE FROM VEHICLES	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
PROTECTED FROM WEATHER	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
EASY TO TALK TO OTHERS I DON'T KNOW	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
WHEN YOU VISIT, ARE YOU EVER ACCOMPANIED BY ANYONE?	O - OFTEN S - SOMETIMES N - NEVER				
UNDER 16 YEARS OLD?	O S N	O S N	O S N	O S N	O S N
OVER 65 YEARS OLD	O S N	O S N	O S N	O S N	O S N
MOBILITY ASSISTED OR DISABLED?	O S N	O S N	O S N	O S N	O S N
A FAMILY MEMBER?	O S N	O S N	O S N	O S N	O S N
WHAT IS THE CLOSEST INTERSECTION TO YOUR NEXT DESTINATION?					
WHAT YEAR WERE YOU BORN?					
WHAT IS YOUR GENDER IDENTITY?	M / F / OTHER	M / F / OTHER	M / F / OTHER	M / F / OTHER	M / F / OTHER
WHAT IS YOUR ETHNIC IDENTITY?					
HL - HISPANIC OR LATINO NHL - NON-HISPANIC	HL NHL	HL NHL	HL NHL	HL NHL	HL NHL
WHAT IS YOUR RACIAL IDENTITY?					
W - WHITE A - ASIAN B - BLACK N - NATIVE AMERICAN PI - NATIVE HAWAIIAN/PACIFIC ISLD.	W B PI A N	W B PI A N	W B PI A N	W B PI A N	W B PI A N
WHAT DO YOU LIKE MOST ABOUT THIS BLOCK?					
DO YOU HAVE A FAVORITE SMALL PUBLIC SPACE (IN ANY CITY YOU HAVE LIVED OR VISITED)?					
WHERE IS IT, AND WHAT DO YOU LIKE ABOUT IT?					

APPENDIX B: PEDESTRIAN AND BICYCLIST SCREENLINE DATA

Address	Date	Day	HOURS	Side of Street	PEDESTRIANS										BICYCLISTS										Weather Condition	Temperature (°F)
					(Left to Right) Male	(Left to Right) Female	(Right to Left) Male	(Right to Left) Female	15 years old and under	Over 65 years	Running/Jogging	Skateboarding / Rollerblading / Etc	Wheelchair / Mobility Asst'd	(Left to Right) Male	(Left to Right) Female	(Right to Left) Male	(Right to Left) Female	15 years old and under	Over 65 years	Counter-Traffic	On Sidewalk	No Helmet				
Annie Street Plaza	7/14/15	Weekday	12-13	Even-numbered addresses	41	42	50	37	0	5	0	0	0	2	2	0	0	0	0	0	1	0	Sunny	61		
Annie Street Plaza	7/14/15	Weekday	12-13	Odd-numbered addresses	60	60	61	37	1	2	0	0	0	3	0	1	0	0	0	0	0	0	Sunny	61		
Annie Street Plaza	7/14/15	Weekday	12-13	Even-numbered addresses	40	21	22	21	1	2	1	0	0	3	1	0	0	0	0	0	0	1	Sunny	63		
Annie Street Plaza	7/14/15	Weekday	13-14	Odd-numbered addresses	38	22	34	25	2	3	0	1	0	1	0	0	0	0	0	0	0	1	Sunny	63		
Annie Street Plaza	7/14/15	Weekday	17-18	Even-numbered addresses	65	43	44	24	2	3	1	1	0	1	2	0	0	0	0	0	0	0	Cloudy	63		
Annie Street Plaza	7/14/15	Weekday	17-18	Odd-numbered addresses	50	40	57	48	1	1	1	1	0	3	1	0	0	0	0	0	0	0	Cloudy	63		
Annie Street Plaza	7/14/15	Weekday	18-19	Even-numbered addresses	65	45	46	24	3	3	1	0	0	4	1	1	0	1	0	1	1	2	Cloudy	61		
Annie Street Plaza	7/14/15	Weekday	18-19	Odd-numbered addresses	48	21	42	29	1	0	0	1	0	3	0	0	0	0	0	0	0	2	Cloudy	61		
Annie Street Plaza	7/18/15	Weekend	12-13	Even-numbered addresses	10	4	13	10	3	2	0	1	0	1	0	0	0	0	0	0	0	1	Sunny	64		
Annie Street Plaza	7/18/15	Weekend	12-13	Odd-numbered addresses	19	18	20	9	6	4	0	0	0	4	3	0	0	0	0	0	0	3	Sunny	64		
Annie Street Plaza	7/18/15	Weekend	13-14	Even-numbered addresses	18	10	12	10	2	4	0	0	0	2	1	0	0	0	0	0	0	1	Sunny	64		
Annie Street Plaza	7/18/15	Weekend	13-14	Odd-numbered addresses	26	19	14	17	7	7	0	2	2	3	2	0	0	1	0	0	2	2	Sunny	64		
Annie Street Plaza	7/18/15	Weekend	17-18	Even-numbered addresses	21	10	14	21	1	5	0	2	0	1	1	0	0	0	1	0	0	1	Sunny	68		
Annie Street Plaza	7/18/15	Weekend	17-18	Odd-numbered addresses	4	8	3	6	2	1	1	0	0	0	0	0	0	0	0	0	0	0	Sunny	68		
Annie Street Plaza	7/18/15	Weekend	18-19	Even-numbered addresses	13	7	10	8	0	3	0	0	2	1	0	0	0	0	0	0	0	1	Sunny	68		
Annie Street Plaza	7/18/15	Weekend	18-19	Odd-numbered addresses	10	14	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	Sunny	68		
Jane Warner Plaza	7/22/15	Weekday	12-13	Odd-numbered addresses	25	7	41	22	0	9	0	0	2	0	0	0	0	0	0	0	0	0	Cloudy	62		
Jane Warner Plaza	7/22/15	Weekday	12-13	Even-numbered addresses	33	13	28	9	0	6	1	0	2	3	0	0	0	1	0	0	2	0	Cloudy	62		
Jane Warner Plaza	7/22/15	Weekday	13-14	Odd-numbered addresses	27	15	29	24	7	1	0	0	2	0	0	0	0	0	0	0	0	1	some sunny,	65		
Jane Warner Plaza	7/22/15	Weekday	13-14	Even-numbered addresses	33	18	36	14	4	10	0	0	0	0	0	1	0	0	0	0	1	1	some sunny,	65		
Jane Warner Plaza	7/22/15	Weekday	17-18	Odd-numbered addresses	42	15	34	14	5	6	0	0	1	0	0	1	0	0	0	0	1	0	Cloudy	61		
Jane Warner Plaza	7/22/15	Weekday	17-18	Even-numbered addresses	71	23	33	9	10	7	0	0	0	2	1	1	0	0	0	0	1	1	Cloudy	61		
Jane Warner Plaza	7/22/15	Weekday	18-19	Odd-numbered addresses	34	19	57	24	9	4	0	0	0	4	1	1	0	0	0	0	3	1	Cloudy	61		
Jane Warner Plaza	7/22/15	Weekday	18-19	Even-numbered addresses	49	15	45	21	1	3	0	0	1	0	1	0	0	0	0	0	0	0	Cloudy	61		
Jane Warner Plaza	7/25/15	Weekend	12-13	Odd-numbered addresses	58	22	42	19	7	24	1	0	0	0	0	0	0	0	0	0	0	0	Cloudy	61		
Jane Warner Plaza	7/25/15	Weekend	12-13	Even-numbered addresses	55	12	57	26	3	17	2	0	0	1	0	0	0	0	0	0	0	1	Cloudy	59		
Jane Warner Plaza	7/25/15	Weekend	13-14	Odd-numbered addresses	68	26	64	31	4	15	2	0	0	0	0	0	0	0	0	0	0	0	Cloudy	61		
Jane Warner Plaza	7/25/15	Weekend	13-14	Even-numbered addresses	46	21	47	10	8	6	1	0	2	0	0	0	0	0	0	0	0	0	Cloudy	61		
Jane Warner Plaza	7/25/15	Weekend	17-18	Odd-numbered addresses	45	14	55	22	6	16	1	0	0	0	0	0	0	0	0	0	0	0	Cloudy mix	61		
Jane Warner Plaza	7/25/15	Weekend	17-18	Even-numbered addresses	54	18	63	16	2	14	1	0	0	0	0	0	0	0	0	0	0	0	some sunny,	61		
Jane Warner Plaza	7/25/15	Weekend	18-19	Odd-numbered addresses	57	29	74	21	1	21	1	0	0	0	0	0	0	0	0	0	0	0	Cloudy	61		
Jane Warner Plaza	7/25/15	Weekend	18-19	Even-numbered addresses	76	22	54	11	1	9	0	0	0	0	0	0	0	0	0	0	0	0	Cloudy sunny,	61		
Linden Alley	7/14/15	Weekday	12-13	Odd-numbered addresses	12	21	7	6	1	0	0	0	0	1	1	0	0	0	0	0	0	2	some sunny,	63		
Linden Alley	7/14/15	Weekday	12-13	Even-numbered addresses	5	5	13	4	0	0	0	0	1	0	0	0	1	0	0	0	0	1	some sunny,	63		
Linden Alley	7/14/15	Weekday	13-14	Odd-numbered addresses	7	14	6	6	0	4	0	0	0	0	0	0	0	0	0	0	0	0	some sunny,	64		
Linden Alley	7/14/15	Weekday	13-14	Even-numbered addresses	16	4	8	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	some sunny,	67		
Linden Alley	7/15/15	Weekday	17-18	Odd-numbered addresses	9	6	13	4	1	0	1	0	0	3	0	0	0	0	0	0	0	2	Sunny	66		
Linden Alley	7/15/15	Weekday	17-18	Even-numbered addresses	9	5	8	19	0	7	0	0	0	0	0	2	0	0	0	0	0	2	Sunny	66		
Linden Alley	7/15/15	Weekday	18-19	Odd-numbered addresses	12	13	6	4	3	3	0	0	0	2	1	1	0	0	0	0	0	0	Sunny	66		
Linden Alley	7/15/15	Weekday	18-19	Even-numbered addresses	8	3	16	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	Sunny	66		
Linden Alley	7/18/15	Weekend	12-13	Odd-numbered addresses	14	21	11	6	1	2	1	0	0	1	0	1	0	0	0	1	1	1	Sunny	64		
Linden Alley	7/18/15	Weekend	12-13	Even-numbered addresses	8	10	6	9	3	2	0	0	0	1	0	1	1	0	0	1	1	2	Sunny	64		
Linden Alley	7/18/15	Weekend	13-14	Odd-numbered addresses	15	11	8	3	1	3	0	1	0	2	0	0	0	0	0	0	0	1	Sunny	66		
Linden Alley	7/18/15	Weekend	13-14	Even-numbered addresses	6	9	8	4	1	2	0	0	0	0	0	1	0	0	0	0	0	1	Sunny	66		
Linden Alley	7/18/15	Weekend	17-18	Odd-numbered addresses	27	25	0	0	1	0	0	1	0	5	2	0	0	0	0	0	0	0	Sunny	66		
Linden Alley	7/18/15	Weekend	17-18	Even-numbered addresses	0	0	21	17	6	1	2	0	0	3	0	0	0	0	0	0	0	0	Sunny	60		
Linden Alley	7/25/15	Weekend	18-19	Odd-numbered addresses	13	15	8	9	1	0	0	0	0	3	0	0	0	0	0	0	0	1	Cloudy	61		
Linden Alley	7/25/15	Weekend	18-19	Even-numbered addresses	10	5	7	7	0	2	0	0	0	0	0	0	0	0	0	0	0	0	Cloudy	61		
McCoppin Hub Plaza	7/21/15	Weekday	12-13	Even-numbered addresses	8	4	6	3	1	2	0	0	0	5	1	0	0	0	0	0	0	4	Cloudy	61		
McCoppin Hub Plaza	7/21/15	Weekday	12-13	Odd-numbered addresses	7	4	8	5	1	1	0	1	0	5	0	1	0	0	0	0	2	5	Cloudy	63		
McCoppin Hub Plaza	7/21/15	Weekday	13-14	Even-numbered addresses	6	5	6	3	1	0	0	1	0	5	1	0	0	0	0	0	0	5	Cloudy	63		
McCoppin Hub Plaza	7/21/15	Weekday	13-14	Odd-numbered addresses	5	6	2	4	0	0	0	0	0	6	4	0	0	0	0	0	0	6	Cloudy	63		
McCoppin Hub Plaza	7/21/15	Weekday	17-18	Even-numbered addresses	2	0	7	5	0	1	0	0	0	25	13	0	0	0	0	0	0	7	Cloudy	61		
McCoppin Hub Plaza	7/21/15	Weekday	17-18	Odd-numbered addresses	11	9	21	13	1	1	0	1	0	5	1	0	0	0	1	0	0	2	Cloudy	61		
McCoppin Hub Plaza	7/21/15	Weekday	18-19	Even-numbered addresses	6	7	4	6	0	1	0	0	0	29	13	0	0	1	0	0	0	4	Cloudy	61		
McCoppin Hub Plaza	7/21/15	Weekday	18-19	Odd-numbered addresses	11	11	9	4	0	0	1	1	0	1	3	0	0	0	0	0	0	1	Cloudy	61		

Address	Date	Day	HOUR	Male	Female	Under 10 years old	10-15 years old	Over 65 Years	Standing	Standing-Leaning	Sitting-Public-Fixed	Sitting-Public-Mobile	Sitting-Public-Mobile (Stroller)	Sitting-Public-Mobile (Wheelchair)	Sitting-Improvised	Lying	Pair=2	Total Number of Pairs	Group >=3	Total Number of Groups	Eating / Drinking	Talkin g with one another	People watching	Electr onic Device	Childr en Playin g	Perfor mance /Cultur al	Physic al Exerci se	Comm erce (Form al)	Comm erce (Inform al)	Accom panied by pet(s)	Smoki ng	Intoxic ation	Sleepi ng	Panha ndling	Urine / Defeca tion	Litter/ Debris	
Mechanics Monument Plaza	7/25/15	Weekend	17-18	4	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	1
Mechanics Monument Plaza	7/25/15	Weekend	17-18	6	0	0	0	1	0	0	3	0	0	0	0	1	2	2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	0
Mechanics Monument Plaza	7/25/15	Weekend	17-18	5	0	0	0	1	0	0	2	0	0	0	0	1	2	2	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Mechanics Monument Plaza	7/25/15	Weekend	18-19	5	0	0	0	1	0	0	3	0	0	0	0	1	2	2	1	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Mint Plaza	7/15/15	Weekday	12-13	27	11	2	0	0	0	0	31	1	0	0	0	0	16	8	9	3	18	14	2	11	0	1	0	0	0	0	0	1	0	0	0	0	
Mint Plaza	7/15/15	Weekday	12-13	31	19	0	0	1	2	0	8	39	0	0	0	1	0	20	10	12	3	23	28	7	5	0	5	0	0	0	0	1	0	1	0	0	0
Mint Plaza	7/15/15	Weekday	13-14	14	9	0	0	0	2	0	2	19	0	0	0	0	12	6	0	0	5	10	8	6	0	1	0	0	0	0	1	0	0	0	0	0	
Mint Plaza	7/15/15	Weekday	13-14	23	9	1	0	1	3	0	0	24	0	0	0	3	0	12	6	7	2	6	20	2	8	0	2	0	0	0	3	0	0	0	0	0	
Mint Plaza	7/15/15	Weekday	17-18	14	12	0	0	0	0	0	7	12	0	0	0	0	22	11	0	0	0	20	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0
Mint Plaza	7/15/15	Weekday	18-19	11	3	0	0	0	1	2	10	0	0	0	0	0	6	3	0	0	8	3	1	0	1	0	0	0	0	0	4	0	0	0	0	0	
Mint Plaza	7/18/15	Weekend	12-13	11	9	0	0	1	1	0	3	9	0	0	0	7	0	8	4	6	2	8	17	6	1	0	0	0	0	0	0	0	0	0	0	2	
Mint Plaza	7/18/15	Weekend	12-13	21	7	0	0	2	3	1	0	23	0	0	0	1	12	6	4	1	12	15	8	4	0	0	0	1	0	1	0	0	0	0	0	2	
Mint Plaza	7/18/15	Weekend	13-14	20	11	1	0	2	11	1	0	9	0	0	0	10	0	10	5	12	3	5	21	12	1	0	0	0	3	0	1	0	0	0	0	0	0
Mint Plaza	7/18/15	Weekend	13-14	11	4	0	1	3	1	0	1	11	0	0	0	1	0	6	3	3	1	4	9	6	2	0	0	0	0	0	0	1	0	0	0	0	0
Mint Plaza	7/18/15	Weekend	17-18	13	3	0	1	4	3	0	12	0	0	0	0	1	0	4	2	3	1	1	8	3	4	0	1	0	0	0	0	0	0	0	0	8	
Mint Plaza	7/18/15	Weekend	17-18	13	7	2	0	6	0	0	19	0	0	0	0	1	0	6	3	10	2	12	18	2	2	0	0	0	0	0	0	0	0	0	0	0	8
Mint Plaza	7/18/15	Weekend	18-19	10	3	0	0	0	1	0	9	0	0	0	0	3	0	4	2	0	0	1	6	6	4	0	0	0	0	0	2	0	0	0	0	0	10
Mint Plaza	7/18/15	Weekend	18-19	13	6	3	0	2	1	0	16	1	0	1	1	0	2	1	9	1	9	14	1	4	0	0	0	0	0	0	1	0	0	0	0	0	10
Mint Plaza	7/29/15	Weekday	17-18	19	2	0	0	0	6	0	5	10	0	0	0	0	12	6	4	1	0	8	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Mint Plaza	7/29/15	Weekday	17-18	6	11	0	0	0	2	0	7	5	0	0	0	0	10	5	3	1	0	11	4	0	0	0	0	0	0	0	1	0	0	0	0	0	

APPENDIX C: STATIONARY ACTIVITY SCAN DATA

Address	Date	Day	Hour	Male	Female	Under 10 years old	10-15 years old	Over 65 Years	Standing	Standing - Leaning	Sitting - Public	Sitting - Public - Mobile	Sitting - Public - Mobile - Stroller	Sitting - Public - Mobile - Wheelchair	Sitting - Improvised	Lying	Pair=2	Total Number of Pairs	Total Number of Groups >=3	Eating / Drinking	Talking with one another	People watching	Electronic Device	Children Playing	Performance / Cultural	Physical Exercise	Commerce (Formal)	Commerce (Informal)	Accompanied by pet(s)	Smoking	Intoxication	Sleeping	Panhandling	Urine / Defecation	Litter / Debris				
Annie Street Plaza	7/14/15	Weekday	12-13	7	6	0	0	0	1	0	0	5	8	0	0	0	0	8	4	0	7	4	0	3	0	0	0	0	0	0	2	0	0	0	0	1	0		
Annie Street Plaza	7/14/15	Weekday	12-13	9	4	0	0	1	1	0	3	9	0	0	0	0	4	2	3	1	8	7	0	2	0	1	0	0	0	0	0	0	0	0	0	1	0		
Annie Street Plaza	7/14/15	Weekday	13-14	7	3	0	0	1	2	0	8	0	0	0	0	0	2	1	3	1	3	5	3	1	0	0	1	0	0	0	3	0	0	0	0	1	0		
Annie Street Plaza	7/14/15	Weekday	13-14	9	2	0	0	1	0	0	2	6	0	0	0	1	4	2	3	1	3	7	1	2	0	0	0	0	0	0	3	0	0	0	0	1	0		
Annie Street Plaza	7/14/15	Weekday	17-18	6	3	0	0	0	2	0	7	0	0	0	0	0	2	1	4	1	0	4	0	3	0	0	0	0	0	0	5	0	0	0	0	1	0		
Annie Street Plaza	7/14/15	Weekday	17-18	6	2	0	0	0	1	1	6	0	0	0	0	0	2	1	3	1	0	5	1	2	0	0	0	0	0	0	3	0	0	0	0	0	0		
Annie Street Plaza	7/14/15	Weekday	18-19	3	1	0	0	0	0	0	4	0	0	0	0	0	2	1	0	0	2	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0		
Annie Street Plaza	7/14/15	Weekday	18-19	4	1	0	0	1	0	0	5	0	0	0	0	0	2	1	0	0	2	1	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0		
Annie Street Plaza	7/18/15	Weekend	12-13	3	1	0	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0		
Annie Street Plaza	7/18/15	Weekend	12-13	3	1	0	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1	0	0	0	0	1	0		
Annie Street Plaza	7/18/15	Weekend	13-14	2	2	0	0	2	0	0	4	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	0	2	0	0	0	0	2	0		
Annie Street Plaza	7/18/15	Weekend	13-14	5	0	0	0	1	0	0	5	0	0	0	0	0	0	0	0	0	1	0	3	1	0	0	0	0	0	0	1	0	0	0	0	2	0		
Annie Street Plaza	7/18/15	Weekend	17-18	5	4	0	0	3	5	0	5	0	0	0	0	0	2	1	0	0	2	2	0	3	0	0	0	0	0	0	2	0	0	0	0	0	1		
Annie Street Plaza	7/18/15	Weekend	17-18	9	4	0	0	1	7	1	4	0	0	0	0	0	4	2	0	0	4	2	3	0	0	1	1	1	1	1	1	0	0	0	0	0	0		
Annie Street Plaza	7/18/15	Weekend	18-19	3	3	0	0	3	5	0	1	0	0	0	0	0	0	0	0	4	1	2	4	2	2	0	0	0	0	0	0	0	0	0	0	0	1		
Annie Street Plaza	7/18/15	Weekend	18-19	3	1	0	0	1	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	1		
Jane Warner Plaza	7/22/15	Weekday	12-13	7	5	0	0	0	10	2	0	0	0	0	0	0	0	0	0	10	1	0	10	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	
Jane Warner Plaza	7/22/15	Weekday	12-13	2	2	0	0	0	2	0	1	0	0	0	1	0	2	1	0	0	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Jane Warner Plaza	7/22/15	Weekday	17-18	4	1	0	0	0	4	1	0	0	0	0	0	0	2	1	0	0	4	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Jane Warner Plaza	7/22/15	Weekday	17-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Jane Warner Plaza	7/22/15	Weekday	18-19	3	1	0	0	1	3	0	0	0	0	0	1	0	2	1	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Jane Warner Plaza	7/22/15	Weekday	18-19	1	1	1	0	0	1	0	0	0	0	0	1	0	2	1	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	
Jane Warner Plaza	7/25/15	Weekend	12-13	10	4	0	0	4	4	0	0	7	0	0	2	1	6	3	4	1	3	6	1	2	0	0	0	0	0	1	0	0	0	0	0	0	0	2	
Jane Warner Plaza	7/25/15	Weekend	12-13	6	7	0	2	2	4	1	0	7	0	0	0	1	2	1	5	1	1	6	6	2	0	0	0	0	0	1	2	0	0	0	1	0	0	4	
Jane Warner Plaza	7/25/15	Weekend	13-14	8	1	0	0	1	5	0	0	1	0	0	2	1	2	1	0	0	1	0	2	0	0	0	0	0	0	3	2	0	0	0	1	0	0	3	
Jane Warner Plaza	7/25/15	Weekend	13-14	13	2	0	0	5	5	3	0	3	0	0	1	3	10	5	0	0	8	2	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3	
Jane Warner Plaza	7/25/15	Weekend	17-18	9	0	0	0	4	0	0	0	6	0	0	1	2	6	3	0	0	1	6	1	0	0	1	0	0	0	2	2	0	0	0	0	0	0	0	
Jane Warner Plaza	7/25/15	Weekend	17-18	6	0	0	0	1	0	0	0	3	0	0	0	1	2	4	2	0	0	4	1	1	0	0	0	0	0	2	1	0	0	0	0	0	0	0	
Jane Warner Plaza	7/25/15	Weekend	18-19	2	1	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	1	1	0	0	0	0	2	0	0	0	1	0	0	0	0	
Jane Warner Plaza	7/25/15	Weekend	18-19	2	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	1	0	0	0	0	
Linden Alley	7/14/15	Weekday	12-13	2	12	2	0	1	2	0	12	0	0	0	0	0	4	2	9	3	7	11	0	5	0	0	0	0	0	0	0	0	0	0	0	0	6	0	
Linden Alley	7/14/15	Weekday	13-14	6	5	0	0	0	4	0	7	0	0	0	0	0	6	3	0	0	7	6	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
Linden Alley	7/15/15	Weekday	17-18	4	3	0	0	1	4	0	3	0	0	0	0	0	6	3	3	1	3	6	4	1	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0
Linden Alley	7/15/15	Weekday	17-18	1	2	0	0	0	0	0	3	0	0	0	0	0	2	1	0	0	2	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Linden Alley	7/15/15	Weekday	18-19	3	4	0	0	0	3	0	4	0	0	0	0	0	2	1	0	0	2	4	3	3	0	1	0	0	0	0	4	0	0	0	0	0	0	0	0
Linden Alley	7/15/15	Weekday	18-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Linden Alley	7/18/15	Weekend	12-13	11	9	0	0	1	10	1	7	0	0	0	0	0	8	4	5	2	10	12	2	0	0	1	0	10	0	0	0	0	0	0	0	0	0	0	0
Linden Alley	7/18/15	Weekend	12-13	13	9	0	0	2	9	0	9	0	0	0	4	0	16	8	0	0	2	10	0	1	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0
Linden Alley	7/18/15	Weekend	13-14	4	4	1	0	0	2	0	6	0	0	0	0	0	8	4	0	0	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Linden Alley	7/18/15	Weekend	13-14	9	10	0	0	0	13	0	6	0	0	0	0	0	4	2	6	2	0	4	2	1	0	2	0	8	0	0	0	0	0	0	0	0	0	0	0
Linden Alley	7/18/15	Weekend	17-18	12	8	0	0	0	13	0	7	0	0	0	0	0	8	4	10	3	3	10	0	0	0	0	0	10	0	0	1	0	0	0	0	0	0	0	0
Linden Alley	7/18/15	Weekend	17-18	14	10	0	0	4	10	8	6	0	0	0	0	0	10	5	6	2	2	17	7	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Linden Alley	7/25/15	Weekend	18-19	5	6	3	0	0	4	0	6	0	1	0	0	0	2	1	7	1	6	9	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Linden Alley	7/25/15	Weekend	18-19	1	1	0	0	0	0	0	2	0	0	0	0	0	2	1	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
McCoppin Hub Plaza	7/21/15	Weekday	12-13	6	0	0	0	0	1	0	2	0	0	0	1	2	2	1	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	
McCoppin Hub Plaza	7/21/15	Weekday	12-13	7	1	0	0	0	2	0	2	0	0	0	4	0	2	1	0	0	2	3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3
McCoppin Hub Plaza	7/21/15	Weekday	13-14	5	0	0	0	0	1	0	0	0	0	0	3	1	0	0	0	0	1	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5
McCoppin Hub Plaza	7/21/15	Weekday	13-14	5	1	0	0	0	1	0	3	0	0	0	2	0	2	1	0	0																			

Address	Date	Day	HOUR	Male	Female	Under 10 years old	10-15 years old	Over 65 Years	Standing	Standing-Leaning	Sitting-Public-Fixed	Sitting-Public-Mobile	Sitting-Mobile (Stroller)	Sitting-Mobile (Wheelchair)	Sitting-Improved	Lying	Pair=2	Total Number of Pairs	Group >=3	Total Number of Groups	Eating / Drinking	Talking with one another	People watching	Electronic Device	Children Playing	Performance / Cultural	Physical Exercise	Commerce (Formal)	Commerce (Informal)	Accompanied by pet(s)	Smoking	Intoxication	Sleeping	Panhandling	Urine / Defecation	Litter / Debris	
Mechanics Monument Plaza	7/25/15	Weekend	17-18	4	0	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	1
Mechanics Monument Plaza	7/25/15	Weekend	17-18	6	0	0	0	1	0	0	3	0	0	0	1	2	2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Mechanics Monument Plaza	7/25/15	Weekend	17-18	5	0	0	0	1	0	0	2	0	0	0	1	2	2	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Mechanics Monument Plaza	7/25/15	Weekend	18-19	5	0	0	0	1	0	0	3	0	0	0	1	2	2	1	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Mint Plaza	7/15/15	Weekday	12-13	27	11	2	0	0	0	0	0	31	1	0	0	0	16	8	9	3	18	14	2	11	0	1	0	0	0	0	1	0	0	0	0	0	
Mint Plaza	7/15/15	Weekday	12-13	31	19	0	0	1	2	0	8	39	0	0	1	0	20	10	12	3	23	28	7	5	0	5	0	0	0	0	0	1	0	1	0	0	0
Mint Plaza	7/15/15	Weekday	13-14	14	9	0	0	0	2	0	2	19	0	0	0	0	12	6	0	0	5	10	8	6	0	1	0	0	0	0	1	0	0	0	0	0	
Mint Plaza	7/15/15	Weekday	13-14	23	9	1	0	1	3	0	0	24	0	0	3	0	12	6	7	2	6	20	2	8	0	2	0	0	0	0	3	0	0	0	0	0	
Mint Plaza	7/15/15	Weekday	17-18	14	12	0	0	0	0	0	7	12	0	0	0	0	22	11	0	0	0	20	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0
Mint Plaza	7/15/15	Weekday	18-19	11	3	0	0	0	1	2	10	0	0	0	0	0	6	3	0	0	0	8	3	1	0	1	0	0	0	0	4	0	0	0	0	0	0
Mint Plaza	7/18/15	Weekend	12-13	11	9	0	0	1	1	0	3	9	0	0	7	0	8	4	6	2	8	17	6	1	0	0	0	0	0	0	0	0	0	0	0	0	2
Mint Plaza	7/18/15	Weekend	12-13	21	7	0	0	2	3	1	0	23	0	0	0	1	12	6	4	1	12	15	8	4	0	0	0	1	0	1	0	0	0	0	0	0	2
Mint Plaza	7/18/15	Weekend	13-14	20	11	1	0	2	11	1	0	9	0	0	10	0	10	5	12	3	5	21	12	1	0	0	0	3	0	1	0	0	0	0	0	0	0
Mint Plaza	7/18/15	Weekend	13-14	11	4	0	1	3	1	0	1	11	0	0	1	0	6	3	3	1	4	9	6	2	0	0	0	0	0	0	1	0	0	0	0	0	0
Mint Plaza	7/18/15	Weekend	17-18	13	3	0	1	4	3	0	12	0	0	0	1	0	4	2	3	1	1	8	3	4	0	1	0	0	0	0	0	0	0	0	0	0	8
Mint Plaza	7/18/15	Weekend	17-18	13	7	2	0	6	0	0	19	0	0	0	1	0	6	3	10	2	12	18	2	2	0	0	0	0	0	0	0	0	0	0	0	0	8
Mint Plaza	7/18/15	Weekend	18-19	10	3	0	0	0	1	0	9	0	0	0	3	0	4	2	0	0	1	6	6	4	0	0	0	0	0	0	2	0	0	0	0	0	10
Mint Plaza	7/18/15	Weekend	18-19	13	6	3	0	2	1	0	16	1	0	1	1	0	2	1	9	1	9	14	1	4	0	0	0	0	0	0	1	0	0	0	0	0	10
Mint Plaza	7/29/15	Weekday	17-18	19	2	0	0	0	6	0	5	10	0	0	0	0	12	6	4	1	0	8	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Mint Plaza	7/29/15	Weekday	17-18	6	11	0	0	0	2	0	7	5	0	0	0	0	10	5	3	1	0	11	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0

APPENDIX D: PLAZA USER INTERCEPT SURVEY DATA

Address	Date	Day	Time Range	Transit-mode	Mode Reason	Time to Arrive	Reason for Visit	Frequency of visit	Typical spending	Plaza Cleanliness	Plaza Maintenance	Safe from Vehicles	Protection From Weather	Easy to Talk to Others I Don't Know	Ever accompanied by anyone under 16	Ever accompanied by anyone 65+	Ever accompanied by anyone disabled	Ever accompanied by family	Age	Gender Identity	Ethnic Identity	Racial Identity
Annie Street Plaza	7/14/15	Weekday	11 - 2 PM	A	C	C	B	F	A	5	5	5	5	4	3	N	N	N	22	F	NHL	B
Annie Street Plaza	7/14/15	Weekday	11 - 2 PM	A	A	A	A	B	A	5	5	5	5	5	5	N	N	N	27	M	NHL	W
Annie Street Plaza	7/14/15	Weekday	11 - 2 PM	A	A	C	B	D	A	3	3	5	4	3	N	N	N	N	1	M	HL	No response
Annie Street Plaza	7/14/15	Weekday	11 - 2 PM	A	A	C	B	D	A	4	4	5	4	3	S	N	N	N	1	M	NHL	No response
Annie Street Plaza	7/14/15	Weekday	5 - 8 PM	A	A	A	B	E	A	4	5	5	4	4	N	N	N	N	25	M	NHL	W
Annie Street Plaza	7/18/15	Weekend	11 - 2 PM	A	C	C	A	A	D	4	4	5	1	5	N	N	S	24	M	HL	B	
Annie Street Plaza	7/18/15	Weekend	11 - 2 PM	A	A	B	B	C	A	5	5	5	2	5	S	S	S	56	M	NHL	PI	
Annie Street Plaza	7/18/15	Weekend	11 - 2 PM	A	C	A	B	A	A	5	5	5	3	5	N	N	N	29	F	NHL	B	
Annie Street Plaza	7/18/15	Weekend	11 - 2 PM	A	A	B	F	G	B	4	4	5	2	5	N	N	S	20	M	NHL	W	
Annie Street Plaza	7/18/15	Weekend	11 - 2 PM	A	A	A	A	G	C	5	5	5	3	5	N	N	O	26	M	NHL	W	
Annie Street Plaza	7/18/15	Weekend	5 - 8 PM	C	A	B	A	D	E	5	5	5	4	5	N	S	S	26	M	NHL	PI	
Annie Street Plaza	7/18/15	Weekend	5 - 8 PM	A	C	A	C	C	B	1	3	4	1	3	S	N	S	28	M	NHL	W	
Annie Street Plaza	7/18/15	Weekend	5 - 8 PM	A	C	C	G	A	F	5	4	5	1	2	N	N	N	27	M	NHL	W	
Annie Street Plaza	7/18/15	Weekend	5 - 8 PM	Motorcycle	A, B, D	D	H	F	D	3	4	3	5	5	N	N	N	25	M	NHL	W	
Annie Street Plaza	7/18/15	Weekend	5 - 8 PM	B	B	C	H	C	B	5	5	5	3	4	N	N	N	36	M	NHL	B	
Jane Warner Plaza	7/25/15	Weekend	11 - 2 PM	F	A	A	D	F	C	3	4	5	1	4	N	N	S	41	M	NHL	W	
Jane Warner Plaza	7/25/15	Weekend	11 - 2 PM	C	C	C	C	E	B	5	5	5	1	5	N	S	N	60	M	HL	W	
Jane Warner Plaza	7/25/15	Weekend	11 - 2 PM	A	C	C	G	D	F	2	3	5	1	4	N	O	N	O	71	M	NHL	W
Jane Warner Plaza	7/25/15	Weekend	11 - 2 PM	B	C	A	A	E	A	2	3	3	1	1	N	N	N	30	M	NHL	W	
Jane Warner Plaza	7/25/15	Weekend	11 - 2 PM	A	C	B	G	F	C	3	3	5	3	5	N	O	N	66	M	NHL	W	
Jane Warner Plaza	7/25/15	Weekend	5 - 8 PM	A	B	C	A	A	A	2	2	4	1	3	N	N	N	22	OTHER	NHL	W	
Jane Warner Plaza	7/25/15	Weekend	5 - 8 PM	here, by the 7	No response	A	A	A	A	1	1	4	1	3	N	N	N	29	M	NHL	W	
Jane Warner Plaza	7/25/15	Weekend	5 - 8 PM	C	No response	C	A	A	F	3	2	1	1	2	N	N	N	79	OTHER	NHL	W	
Jane Warner Plaza	7/25/15	Weekend	5 - 8 PM	A	B, C	C	F	E	C	3	2	3	1	4	N	N	N	18	M	NHL	W	
Linden Alley	7/14/15	Weekday	11 - 2 PM	F	A	C	B	A	C	4	4	3	3	2	N	N	N	32	M	NHL	W	
Linden Alley	7/14/15	Weekday	11 - 2 PM	A	D	A	E	F	B	4	4	5	3	3	N	N	N	35	M	NHL	B	
Linden Alley	7/14/15	Weekday	11 - 2 PM	D	B	A	E	C	B	4	4	3	2	3	N	N	S	29	F	NHL	B	
Linden Alley	7/14/15	Weekday	11 - 2 PM	F	A	B	E	G	C	5	5	4	5	5	N	O	N	70	M	NHL	W	
Linden Alley	7/14/15	Weekday	11 - 2 PM	B	A	A	F	D	A	1	1	3	1	5	N	N	N	61	M	NHL	A	
Linden Alley	7/15/15	Weekday	5 - 8 PM	F	A	D	H	A	B	4	4	5	1	3	N	N	S	31	F	NHL	A	
Linden Alley	7/15/15	Weekday	5 - 8 PM	A	A	B	H	E	B	4	4	4	1	4	N	N	N	27	F	NHL	A	
Linden Alley	7/15/15	Weekday	5 - 8 PM	B	A	B	B	B	B	5	5	3	1	3	N	N	N	26	M	NHL	W	
Linden Alley	7/18/15	Weekend	11 - 2 PM	A	D	C	C	G	B	5	5	4	3	3	N	N	N	24	F	NHL	W	
Linden Alley	7/18/15	Weekend	11 - 2 PM	A	A	B	B	A	B	5	5	5	5	5	N	N	N	27	F	NHL	A	
Linden Alley	7/18/15	Weekend	11 - 2 PM	A	A	B	H	E	A	4	5	4	5	4	N	N	N	31	M	NHL	W	
Linden Alley	7/18/15	Weekend	11 - 2 PM	B	C	C	C	E	B	5	5	5	5	5	N	N	N	1	M	NHL	W	
Linden Alley	7/18/15	Weekend	11 - 2 PM	C	A	C	E	C	E	5	5	4	4	4	N	N	N	1	F	NHL	A	
Linden Alley	7/18/15	Weekday	5 - 8 PM	A	A	A	F	F	B	3	3	2	1	3	N	N	O	32	M	NHL	W	
Linden Alley	7/18/15	Weekend	5 - 8 PM	A	C	B	F	E	B	5	5	1	2	5	N	N	S	31	M	NHL	W	
Linden Alley	7/18/15	Weekend	5 - 8 PM	A	C	A	C	E	B	5	3	2	2	3	N	N	S	28	M	NHL	A	
Linden Alley	7/18/15	Weekend	5 - 8 PM	A	C	B	F	C	B	5	5	3	2	3	S	N	S	33	F	NHL	A	
Linden Alley	7/18/15	Weekend	5 - 8 PM	A	A	C	F	B	B	3	4	2	1	1	N	N	O	26	F	NHL	W	
McCoppin Hub Plaza	7/25/15	Weekend	11 - 2 PM	A	A	A	E	F	A	5	5	4	4	5	O	N	O	45	F	NHL	W	
McCoppin Hub Plaza	7/25/15	Weekend	11 - 2 PM	F	No response	A	No response	G	A	3	3	5	3	5	N	N	N	29	F	NHL	W	
McCoppin Hub Plaza	7/25/15	Weekend	11 - 2 PM	A	A	A	No response	G	A	5	5	3	5	5	N	N	N	42	F	NHL	W	
McCoppin Hub Plaza	7/25/15	Weekend	11 - 2 PM	A	A	A	No response	G	A	5	5	5	5	5	N	N	N	39	M	NHL	W	
McCoppin Hub Plaza	7/25/15	Weekend	5 - 8 PM	A, C	A	C	G	A	B	5	5	5	5	5	S	N	N	20	M	HL	No response	
McCoppin Hub Plaza	7/25/15	Weekend	5 - 8 PM	A	No response	A	No response	E	No response	No Response	No Response	No Response	No Response	No Response	No response	No response	No response	No response	No Response	No response	No response	
McCoppin Hub Plaza	7/25/15	Weekend	5 - 8 PM	G	No response	C	C	G	A	3	4	5	4	4	No response	No response	No response	No response	33	M	NHL	W
McCoppin Hub Plaza	7/25/15	Weekend	5 - 8 PM	No response	No response	No response	A	B	E	No Response	No Response	5	5	1	No response	No response	No response	No response	33	OTHER	NHL	B
Mechanics Monument Plaza	7/22/15	Weekday	11 - 2 PM	A	A	A	B	C	A	4	5	4	1	1	N	N	N	22	F	NHL	W	
Mechanics Monument Plaza	7/22/15	Weekday	11 - 2 PM	A	A	A	B	C	B	4	5	5	1	3	N	N	N	30	M	NHL	W	
Mechanics Monument Plaza	7/22/15	Weekday	11 - 2 PM	B	A	B	B	B	A	3	4	5	1	4	N	N	N	36	M	NHL	W	
Mechanics Monument Plaza	7/22/15	Weekday	5 - 8 PM	B	A, B, C, D	B	D	G	A	5	5	5	1	5	N	N	O	42	F	NHL	W	
Mechanics Monument Plaza	7/22/15	Weekday	8 - 11 PM	No response	No response	No response	No response	No response	No response	4	4	5	3	4	S	N	S	31	M	NHL	A	
Mechanics Monument Plaza	7/22/15	Weekday	8 - 11 PM	No response	No response	No response	No response	No response	No response	4	3	5	3	3	N	O	O	1	F	NHL	W	
Mechanics Monument Plaza	7/25/15	Weekend	11 - 2 PM	A	No response	No response	No response	No response	No response	No Response	No Response	No Response	No Response	No Response	No response	No response	No response	No response	No Response	No response	No response	
Mechanics Monument Plaza	7/25/15	Weekend	11 - 2 PM	C	B	C	C	A	A	3	3	5	1	3	N	N	O	54	M	NHL	W	
Mechanics Monument Plaza	7/25/15	Weekend	5 - 8 PM	A	B	C	C	F	A	2	4	5	1	2	N	N	N	31	M	NHL	B	
Mint Plaza	7/15/15	Weekday	11 - 2 PM	A	C	B	A	G	A	5	4	3	4	3	N	N	N	24	F	NHL	A	
Mint Plaza	7/15/15	Weekday	11 - 2 PM	A	C	B	A	G	C	5	5	4	4	4	N	N	N	24	F	NHL	A	
Mint Plaza	7/15/15	Weekday	11 - 2 PM	A	A	C	F	F	C	5	5	5	5	3	N	N	N	30	F	NHL	A	
Mint Plaza	7/15/15	Weekday	11 - 2 PM	B	C	C	B	D	B	4	4	4	3	1	N	N	N	1	M	NHL	W	
Mint Plaza	7/15/15	Weekday	11 - 2 PM	A	A	B	B	D	B	5	5	4	5	4	N	N	N	33	M	NHL	W	
Mint Plaza	7/15/15	Weekend	5 - 8 PM	C	D	C	B	D	B	4	4	3	4	2	N	N	N	74	M	NHL	W	
Mint Plaza	7/15/15	Weekend	5 - 8 PM	C	B	C	B	B	B	5	5	4	5	4	N	N	N	45	M	NHL	W	
Mint Plaza	7/15/15	Weekday	5 - 8 PM	B	A	C	C	D	A	4	3	4	4	4	N	N	N	29	M	HL	B	
Mint Plaza	7/15/15	Weekday	5 - 8 PM	F	A	D	B	E	C	3	4	5	5	2	N	N	N	1	F	NHL	A	
Mint Plaza	7/15/15	Weekday	5 - 8 PM	C	D	C	C	A	B	3	4	5	4	1	N	N	N	33	F	NHL	A	
Mint Plaza	7/18/15	Weekend	11 - 2 PM	A	C	B	A	D	B	3	3	4	5	5	N	N	N	40	M	NHL	B	
Mint Plaza	7/18/15	Weekend	11 - 2 PM	F	A	C	B	D	D	3	3	4	4	5	N	N	N	44	M	NHL	B	
Mint Plaza	7/18/15	Weekend	11 - 2 PM	A	C	B	A	A	B	5	5	5	4	4	N	S	N	77	M	NHL	W	
Mint Plaza	7/18/15	Weekend	11 - 2 PM	C	B	D																

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May our cities and public spaces never lose their magic.