

Burwood Public Life

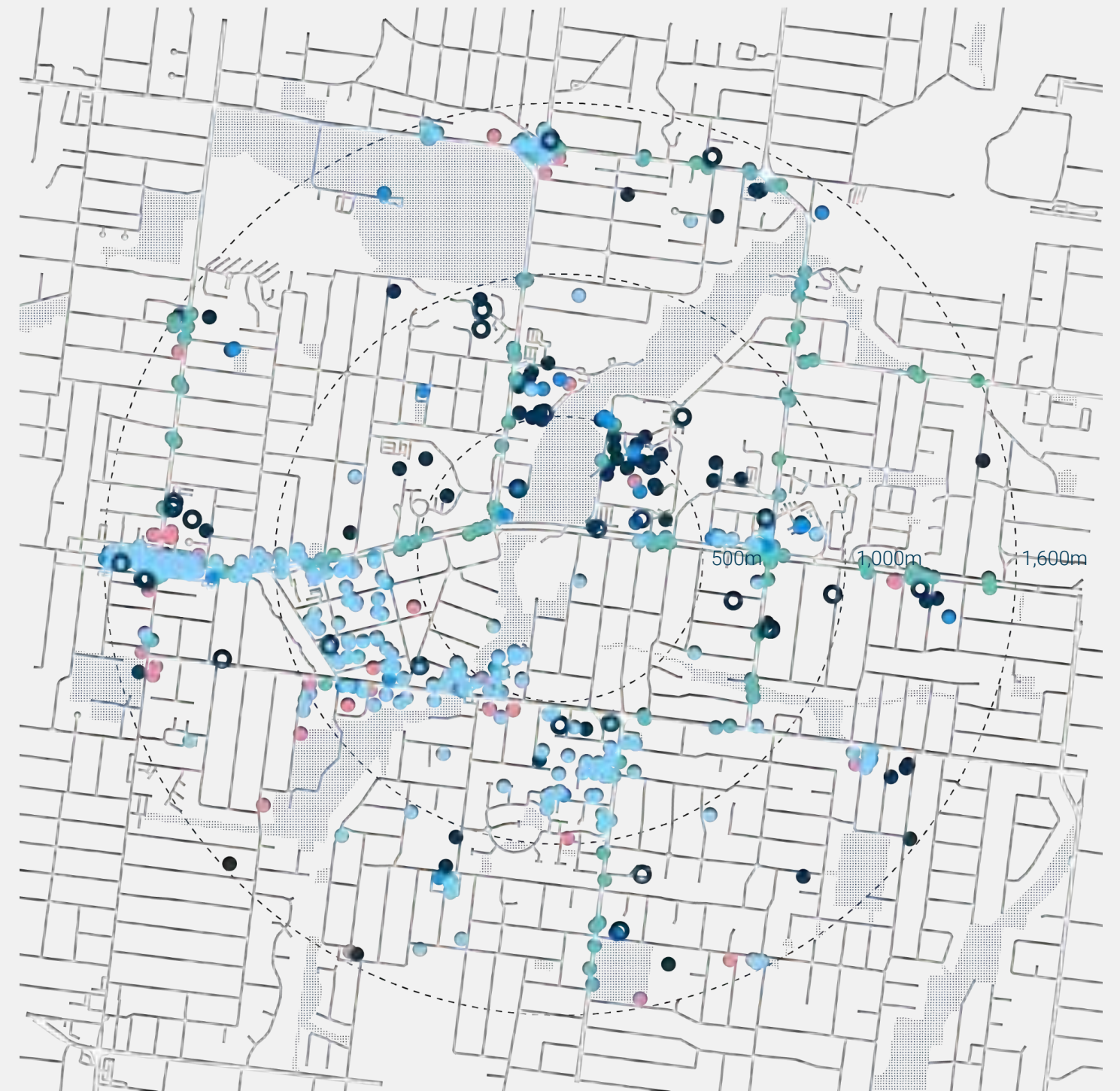
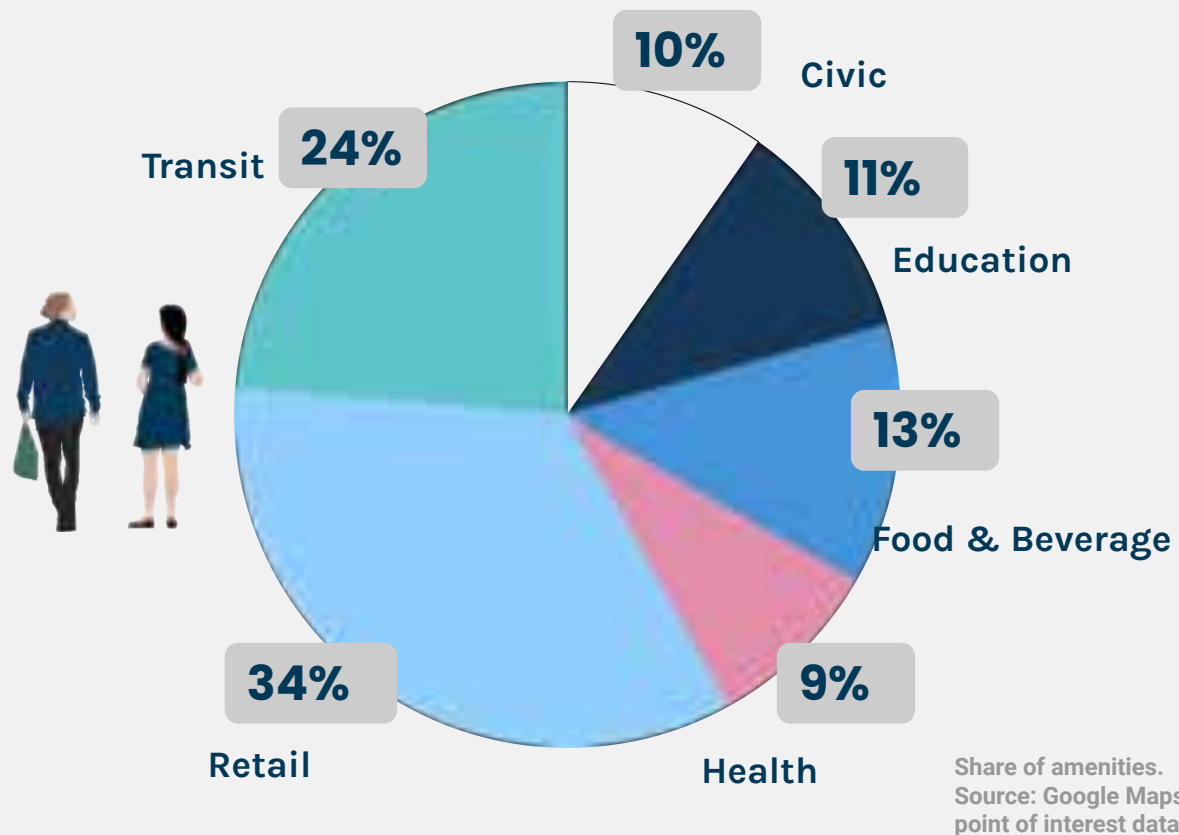


Public Life: Burwood

Amenities

Very few amenities exist in the precinct core, with more located towards the west

- Burwood has the lowest number of amenities of all six precincts
- The majority of amenities are situated along the high street section of Burwood Highway, west of the precinct core, with a high number of retail and food and beverage amenities



59 Amenities within a 500m radius of the station

Source: Google Maps

Public Life: Burwood

Active Frontages

1,700m recorded

No active facades in the precinct core. A car-centric University Campus with no activity at ground level

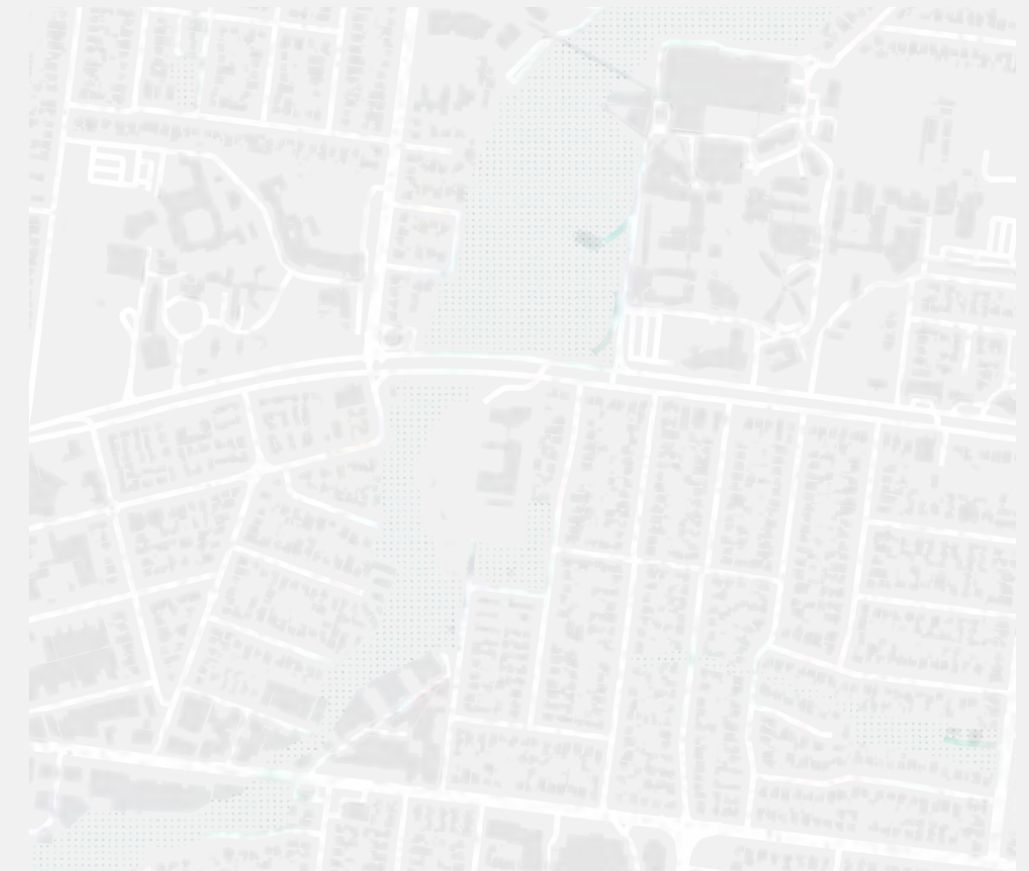
In October 2023, Gehl conducted an active frontage assessment in the core of Burwood. All frontages were rated on a scale from A to E according to Gehl's facade quality criteria, using the Gehl Facade App.

The precinct core of Burwood is the only studied area of all six precincts that does not have any active or friendly facades. The only facades that have potential for activation (buildings at Deakin University) have very inactive and dull facades with no activation at ground floor level.



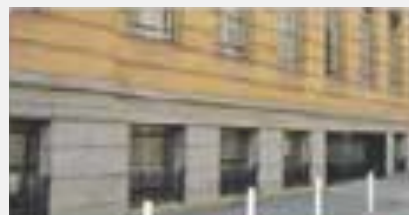
Active

Frontages with a
A and B rating



Inactive

Frontages with a
D and E rating

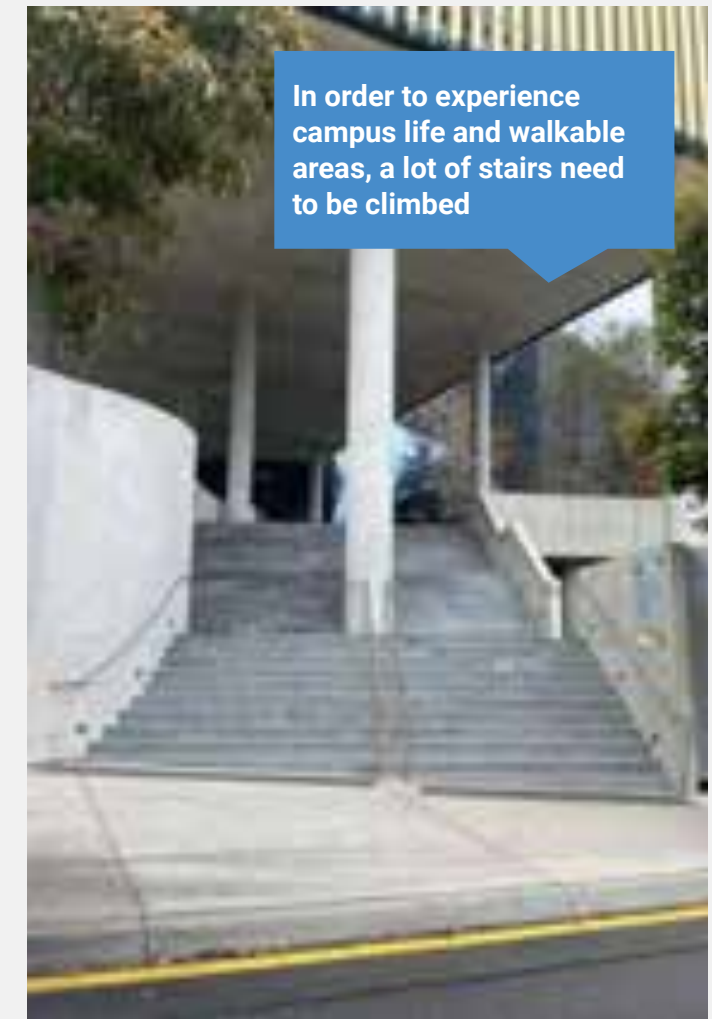
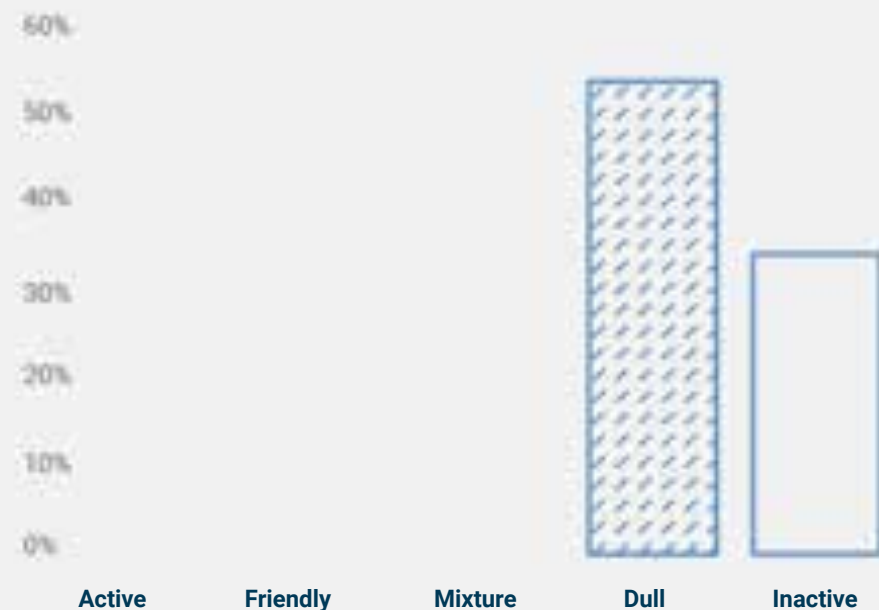


Public Life: Burwood

Active Frontages

A walk around Burwood highlights the lack of activity at ground level

- The examples to the right show frontages and ground floors in the precinct core
- Deakin University does not have any active frontages at ground level, and most campus life happens in elevated areas via a network of separated pedways and pedestrian plazas
- The campus edges towards Bennettswood Reserve are inactive

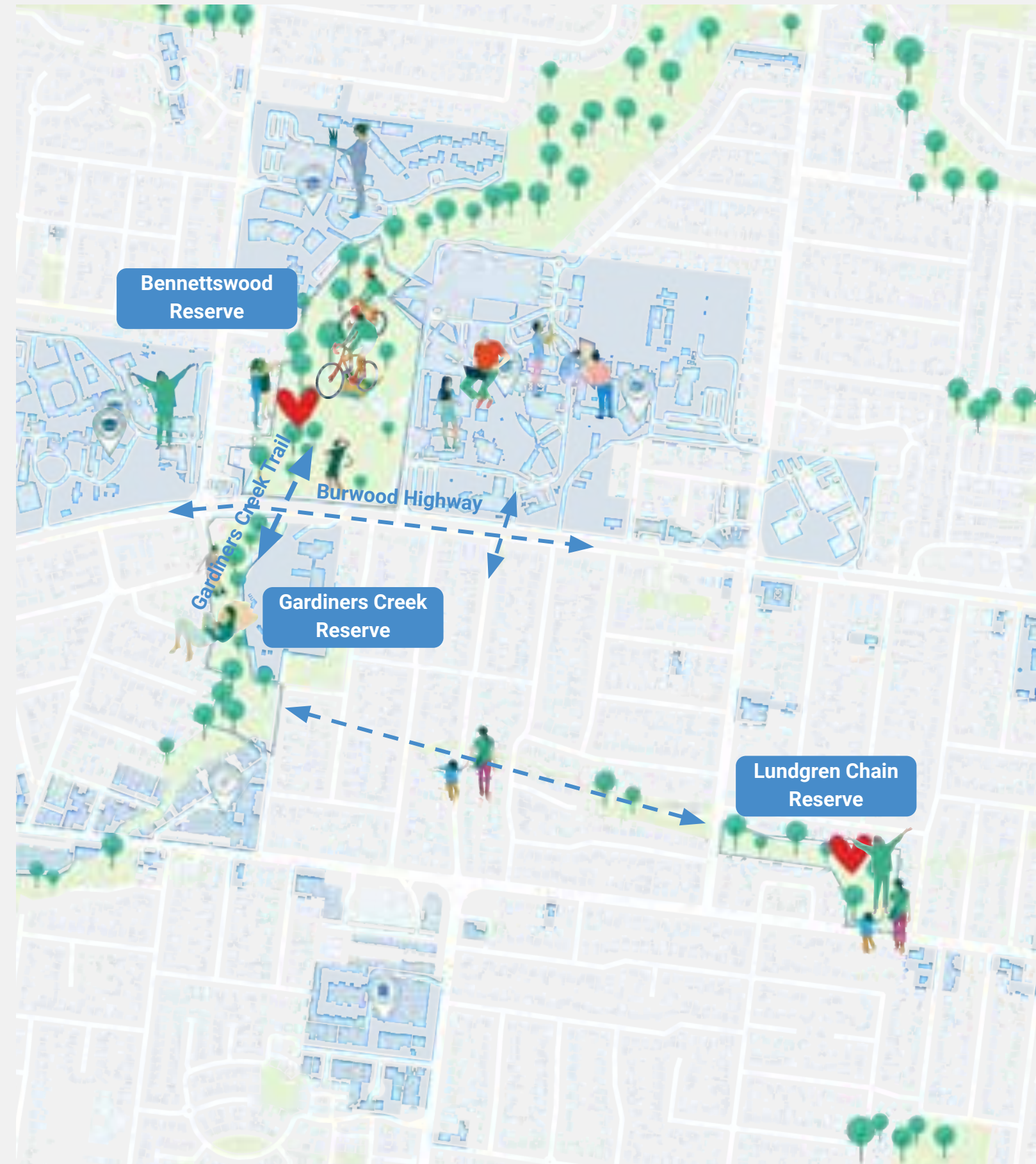


Public Life: Burwood

Focal Points of Public Life in Burwood

A rather quiet precinct with an inward facing university, but with great potential for attractive, lively, and green public spaces

- Currently the precinct core of Burwood is dominated by the six-lane Burwood Highway that cuts the precinct in half
- Deakin University has a large campus area with iconic architecture and public spaces, however campus life is inward-facing and not integrated with the residential neighbourhoods around it
- Gardiners Creek Reserve is a great amenity for the precinct, however its potential is not fully realised
- The precinct core has no active frontages, no street life, and land uses are functionally separated



Public Life: Burwood

Burwood

Public Life Surveys

- Stationary activities were surveyed in four public spaces (see map to right). Note: Gardiners Creek Reserve and Bennettswood Reserve are considered as one public space in this report
- Two movement counts along Gardiners Creek Trail were also conducted (see map to right)

316 Stationary Observations 

429 Movement Counts 

Date of surveys

10.09.2023

13.09.2023

Weather

14°C 

22°C 



Surveyed sites



A blue-tinted photograph of a park. A paved path curves through a grassy area with several trees. In the background, there are more trees and a building. The overall scene is peaceful and natural.

Burwood Gardiners Creek Reserve

Public Life: Burwood

Gardiners Creek Reserve

Movement Counts

Who is moving along the Gardiners Creek Trail?

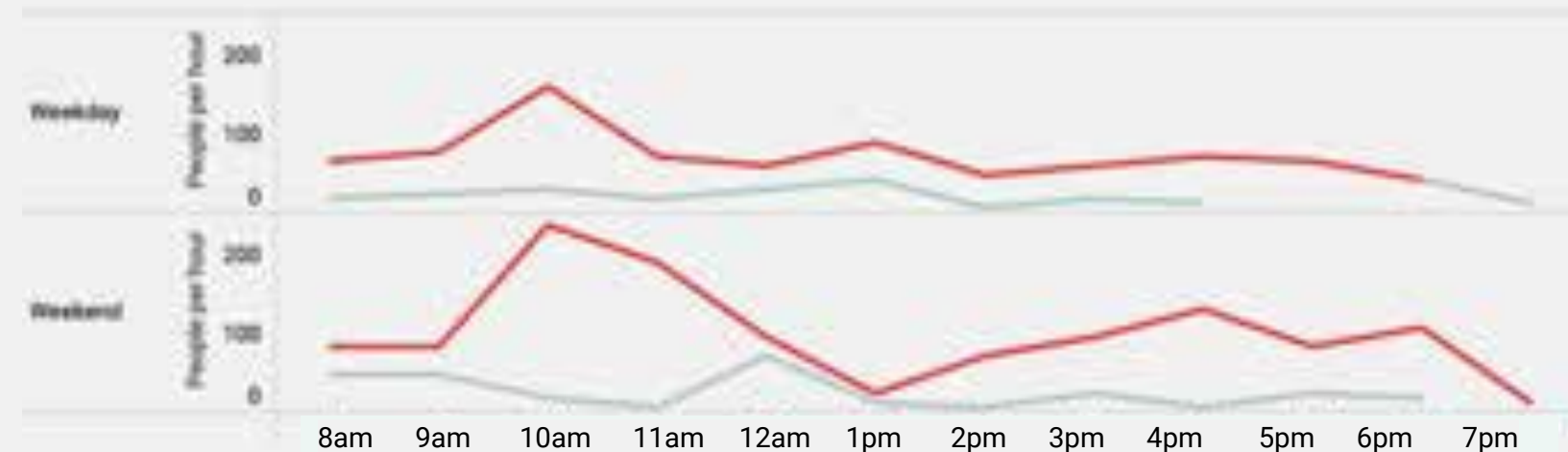
- Gardiners Creek Reserve and Bennettswood Reserve are divided by Burwood Highway, however they are considered as one large linear Reserve along Gardiners Creek
- In both Reserves north and south of Burwood Highway, movement counts and stationary counts were conducted
- There are more people moving and people staying in the northern part of the Reserve
- There are slightly more women moving through the Reserve, however the majority of people staying are men
- The southern part of the reserve has lower movement volumes, but higher stickiness - 1 out of 8 people walking through are staying for a moment, while only 1 out of 16 people moving through the northern part are staying

Count overview

North	2,040 movement counts	130 stationary observations
South	534 movement counts	69 stationary observations

1 person out of 8 moving through the southern part stay for a moment

Movement flow count

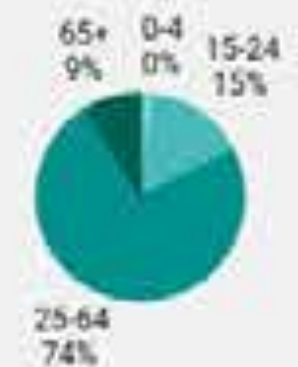


Demographics of people moving

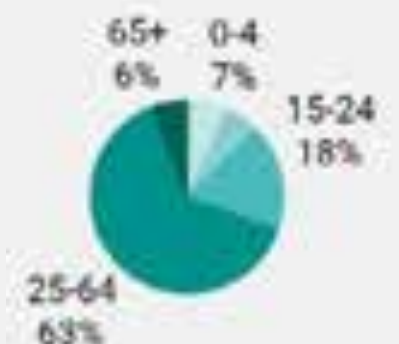
Gender



Age:



Demographics of people staying

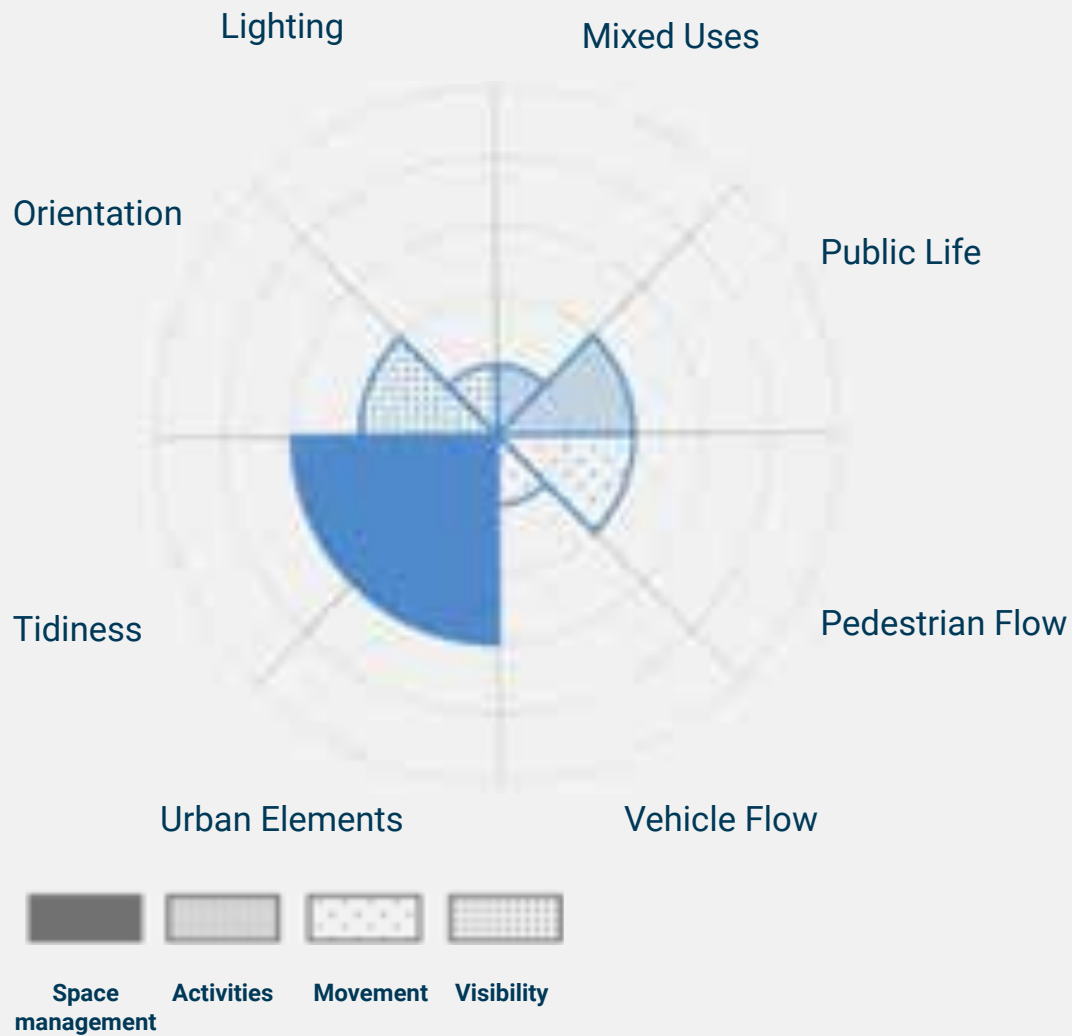


Safety Index: Burwood

Gardiners Creek Reserve

A beautiful reserve that feels unsafe when alone and in particular at night, due to a lack of people staying, lighting, and minimal flows of people passing by

Safety Index



Public Life: Burwood

Gardiners Creek Reserve

Age Demographics

Who is using Gardiners Creek Reserve?

- Considering that large educational institutions are direct neighbours, there are very few stationary activities occurring, in particular in the evening
- A large share of users are in the younger age bracket, which corresponds with the neighbouring residents and can be explained by the population at Deakin University and Presbyterian Ladies College
- Surprisingly the southern part of the Reserve has a younger user demographic than the northern part (which is much closer to the university)

199 observations

Weekday	93
Weekend	106

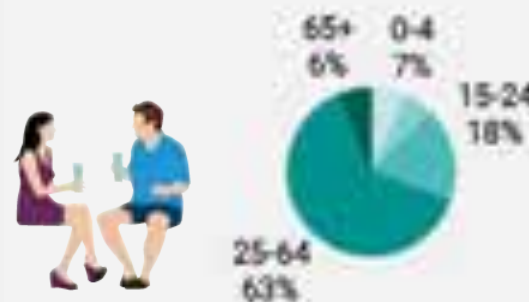


Stationary flow count



Demographics

Users



Neighbouring residents



Residents living within 200 metres of the survey site

Public Life: Burwood

Gardiners Creek Reserve

Gender Demographics

Who is using Gardiners Creek Reserve?

- There is an uneven gender split of users in the Reserve, with 60% of all users being male, yet only 46% of the local residents identify as male
- This indicates that there are missing invitations for women and/or safety concerns when staying in the Reserve

Usage throughout the day:

- The Reserve is completely deserted in the evenings suggesting that the public space does not have many social functions or reasons for people to use the reserve at night

199 observations

Weekday	93
Weekend	106

Female
Male
Unknown

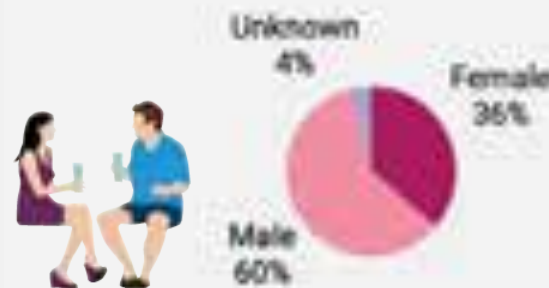


Stationary flow count



Demographics

Users



Neighbouring residents



Public Life: Burwood

Gardiners Creek Reserve Activities

What are they doing?

- High diversity of activities
- The most common activity is playing, in particular on weekends in the northern part around the two ovals
- Many people were observed in conversation or going for a walk with their dog
- The absence of activities after dark could be attributed to a lack of lighting, but also a lack of amenities in the area that are public in the evening

199 observations

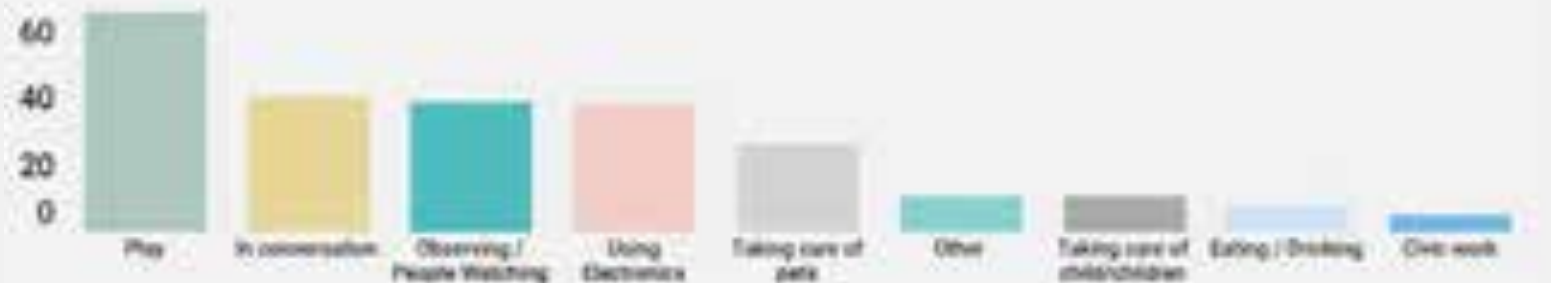
- Play
- In conversation
- Observing / People Watching
- Using Electronics
- Taking care of pets
- Other
- Taking care of child/children
- Eating / Drinking
- Civic work



Stationary flow count



What are visitors doing?



Public Life: Burwood

Gardiners Creek Reserve

Other Findings

Lots of informal seating in the south:

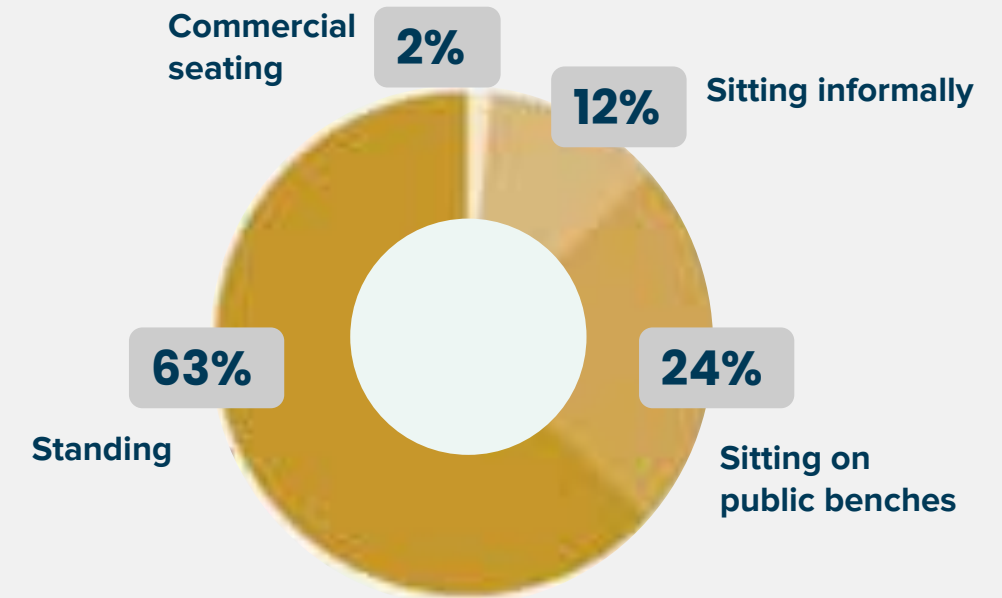
- In the southern part of the Reserve a lot of people were observed sitting informally

Limited accessibility and legibility:

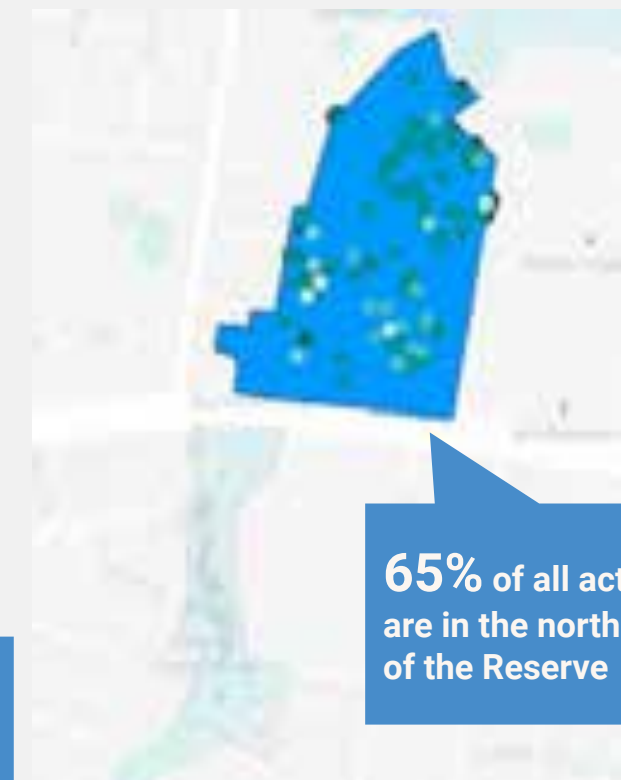
- The northern part of the Reserve has twice as much activity (both moving and staying)
- Burwood Highway limits connectivity as well as flow of people and animal life. This calls for traffic calming and the provision of additional pedestrian crossings over Burwood Highway

Count chart

199 observations



Hot Spots



Burwood Burwood Highway

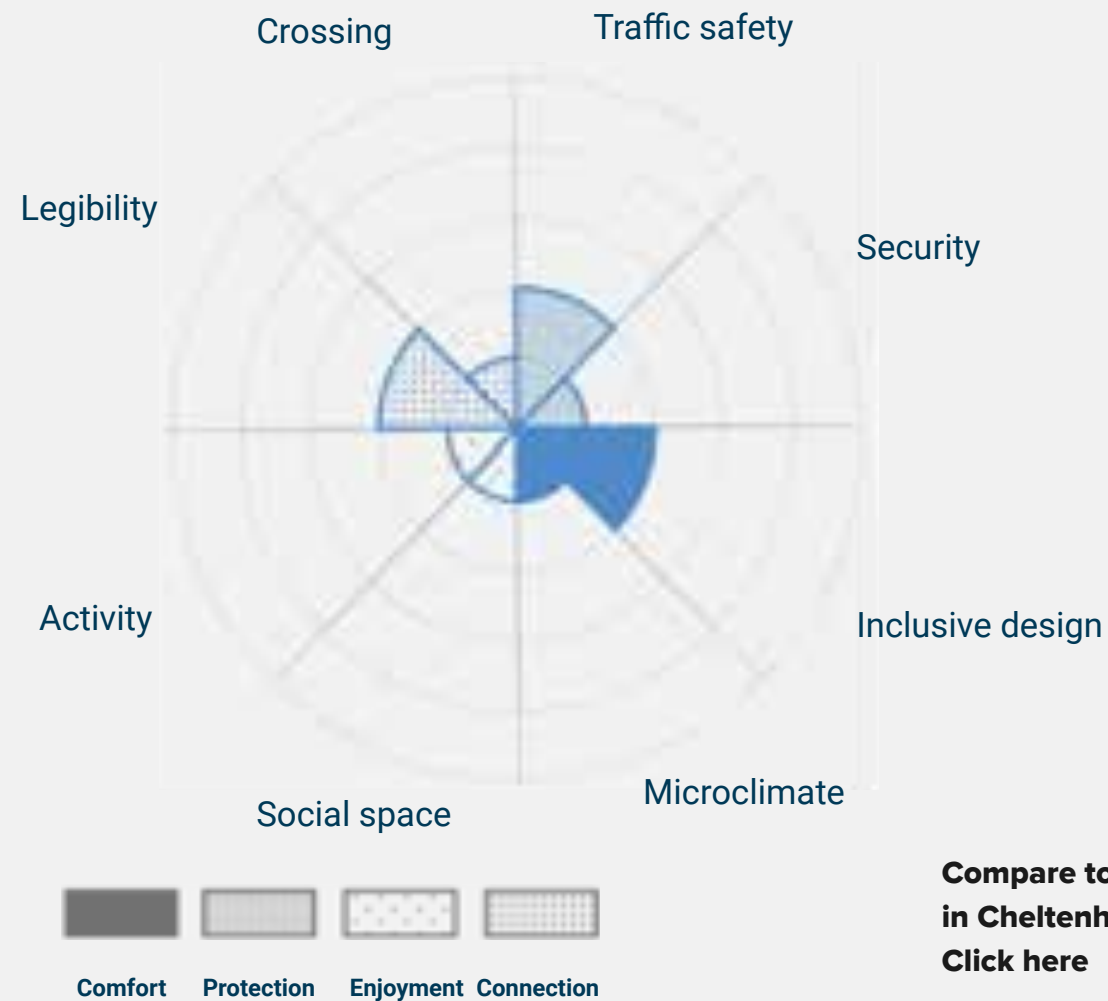
Walkability Score: Burwood

Burwood Highway



A six lane highway cutting the precinct in half, forming a barrier for life and connectivity in the core of the precinct

Walkability Score



Compare to Nepean Highway in Cheltenham? (page 298)

Click here



Walkability Score: Burwood

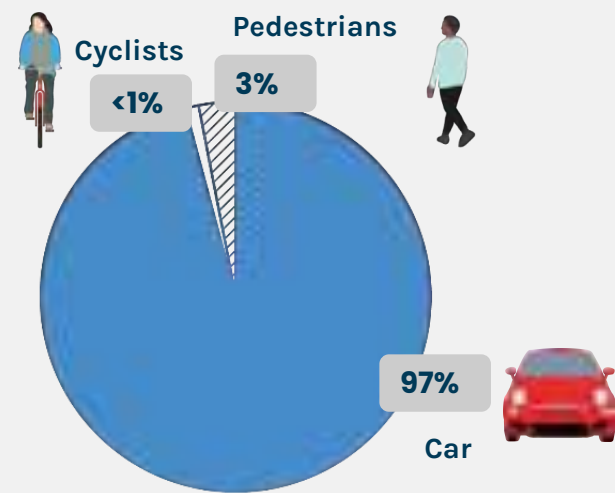
Burwood Highway



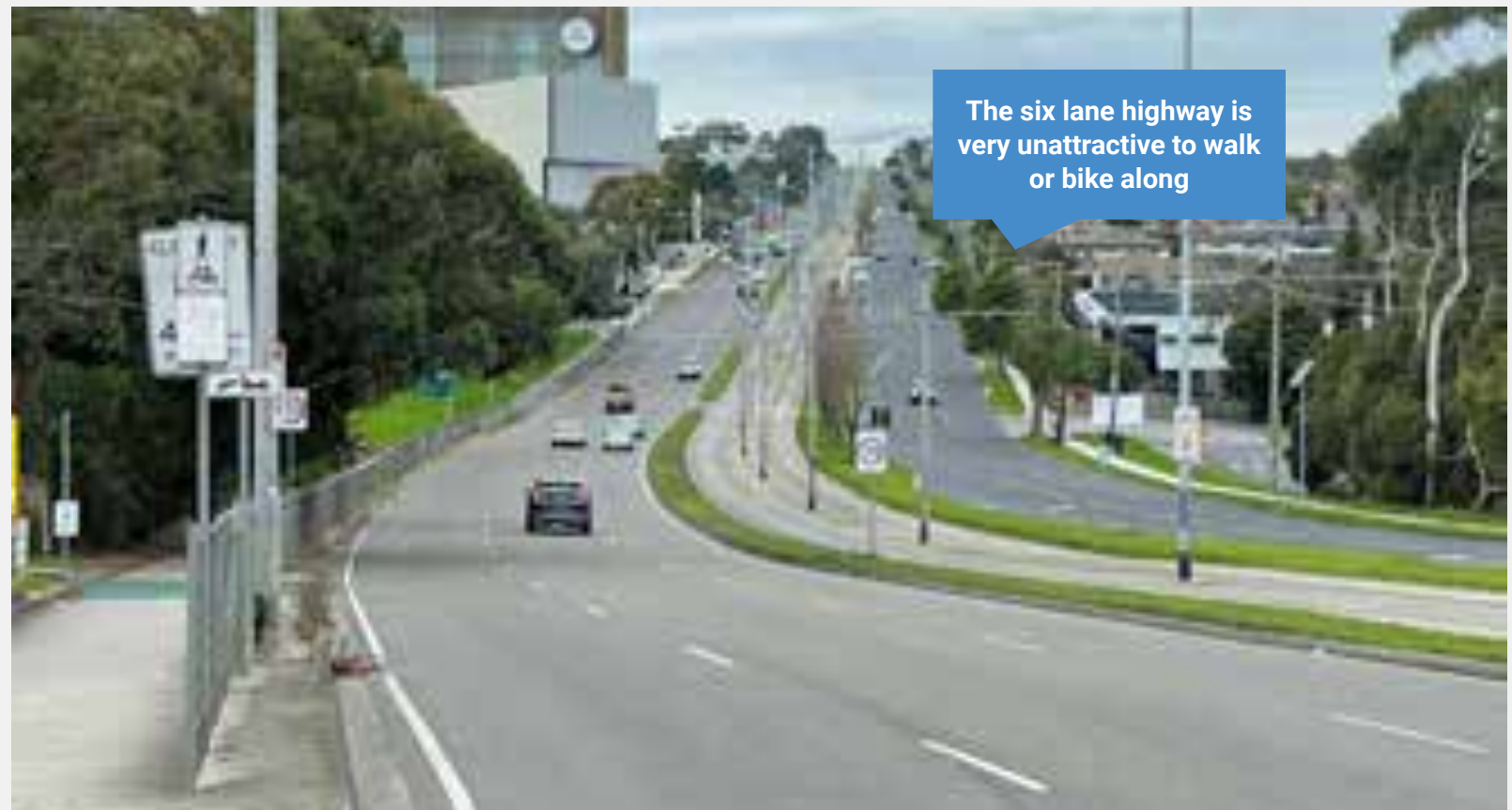
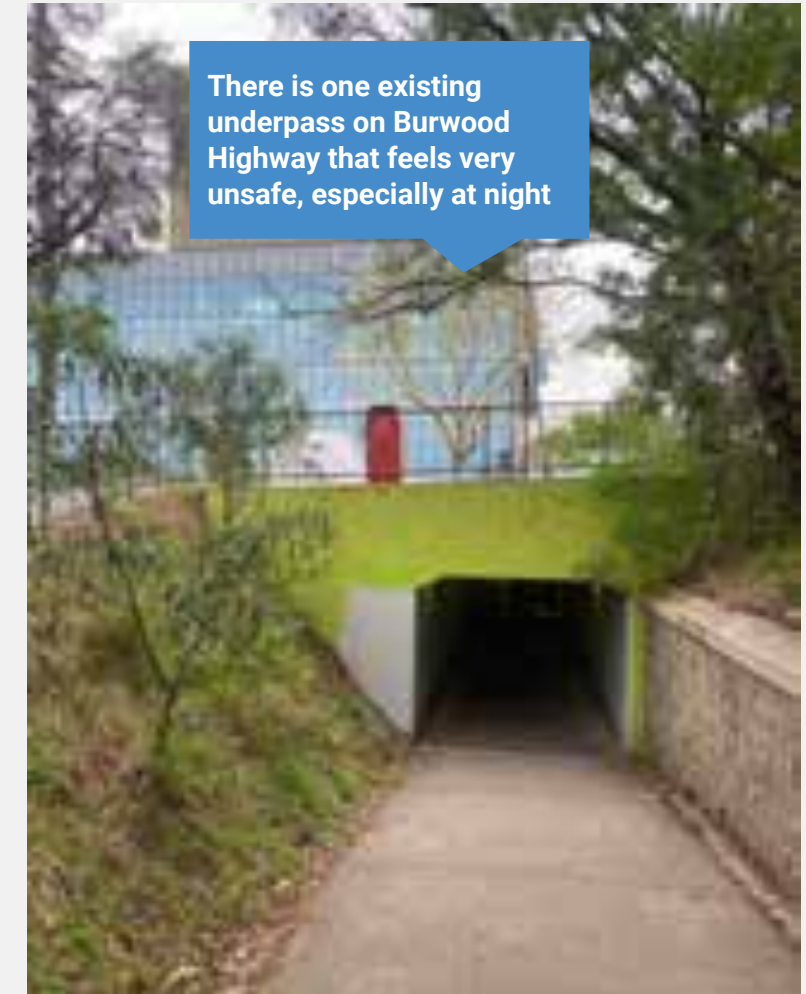
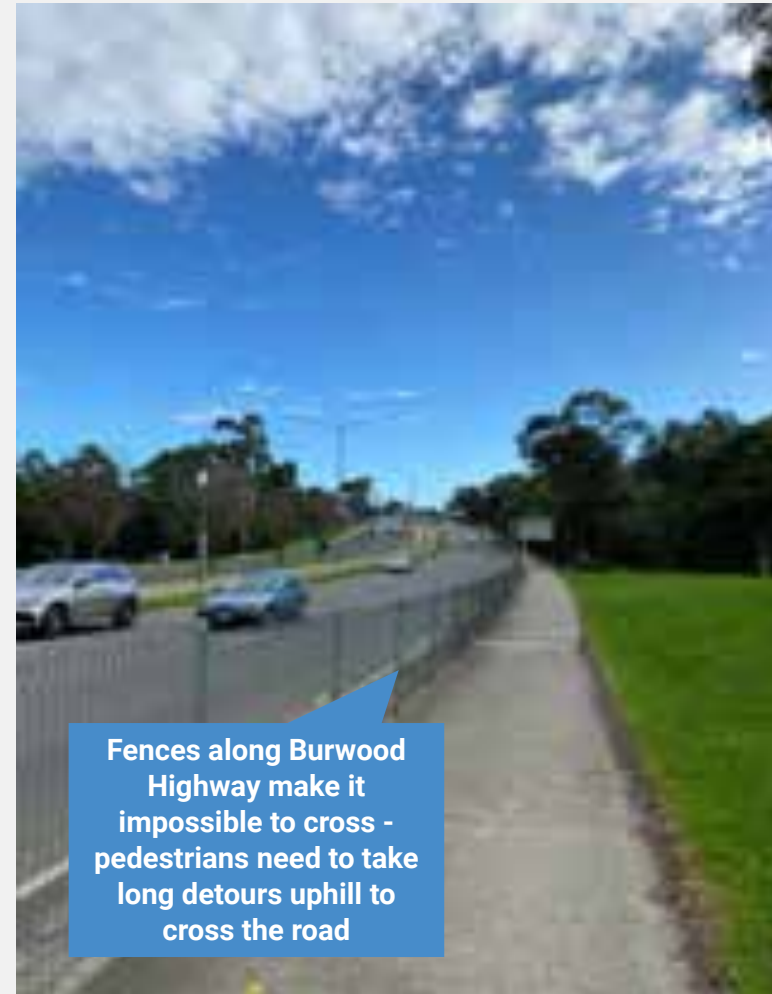
An overdimensioned road inconvenient to cross

- Burwood Highway is not an inviting environment for walking and biking. Traffic counts show that only 3% of street users are pedestrians, with biking below 1%

Traffic counts on Burwood Highway



Based on traffic counts at peak hour (excluding public transit users)



A blue-tinted photograph of a playground. In the foreground, there is a slide with a wooden post and handrail. To the right, there is a swing set with two swings. The ground is covered in wood chips. In the background, there are trees and a grassy area.

Burwood Lundgren Chain Reserve

Public Life: Burwood

Lundgren Chain Reserve

Age Demographics

- Lundgren Chain Reserve is a medium sized Reserve in a residential area. It is located east of the precinct core and is part of a series of public spaces that together form a linear park
- The main facility provided is a playground in the eastern part of the reserve

Who is using Lundgren Chain Reserve?

- The user demographic is very young with 1/3 of users under 14 years old
- 16% of local residents are +65 yrs old, yet none of this age group were observed using the reserve

102 observations

Weekday	57
Weekend	45



Stationary flow count

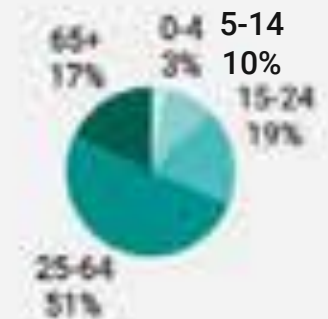


Demographics

Users



Neighbouring residents



Public Life: Burwood

Lundgren Chain Reserve

Gender Demographics

Who is using Lundgren Chain Reserve?

- The gender split of users is rather even, with a slight dominance of females using the park

Usage throughout the day:

- The reserve has very low activity overall
- On weekday afternoons and evenings almost no people were observed, and a similar situation was found on weekend mornings until midday

102 observations

Weekday	57
Weekend	45

Female
Male
Unknown



Stationary flow count

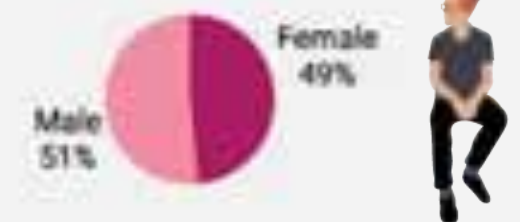


Demographics

Users



Neighbouring residents



Public Life: Burwood

Lundgren Chain Reserve Activities

What are they doing?

- Very low activity level throughout the day and week
- The most observed activity was people watching, being in conversation, and taking care of a child. Play is the fourth most observed activity
- 75% of people are standing, indicating that there is lack of seating available
- 80% of all activities are clustered around the play area in the eastern part of the reserve, with the more linear part having very low activity

102 observations

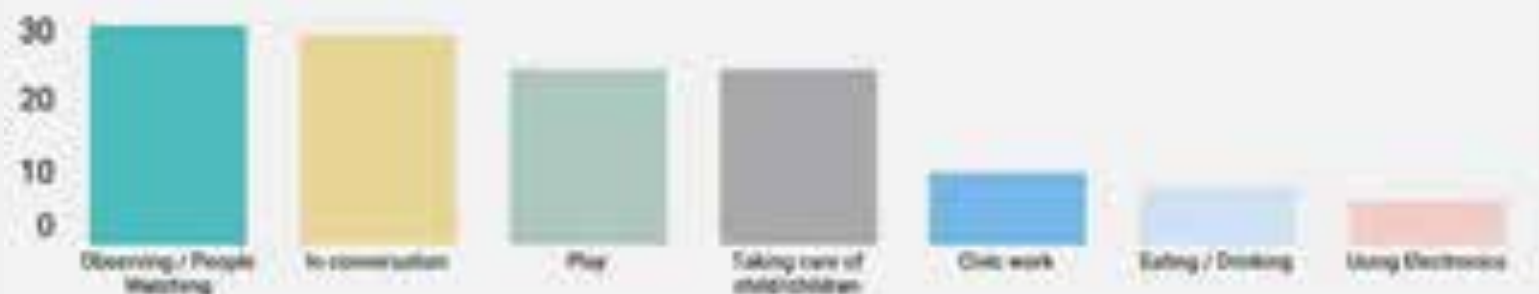
- Observing / People Watching
- In conversation
- Play
- Taking care of child/children
- Civic work
- Eating / Drinking
- Using Electronics



Stationary flow count



What are visitors doing?



Precinct

Glen Waverley

6.1 Precinct Profile

6.2 Public Space

6.3 Public Life

- Kingsway South & Library Forecourt
- Kingsway North & The Glen Forecourt
- Central Car Park
- Station Forecourt
- Springvale Road
- Central Reserve
- Bogong Reserve



Precinct Profile Demographics

Glen Waverley

An older precinct population, however with a lot of newcomers in recent years

- Relative to the other precincts studied, Glen Waverley has a much older population, but with a recent influx of young newcomers
- Glen Waverley has the highest share of Asian ancestry of all six precincts, 42% of residents have Asian ancestry
- Also Glen Waverley has a very low population density with 283 people per square kilometer. The highest density can be found in the precinct core due to new mid-and high rise residential developments
- The majority of residents live in households with more than one person

46% = Greater Melbourne average population under 35

498 = Melbourne average population density per km²



39% residents live within 1000 metres of the station

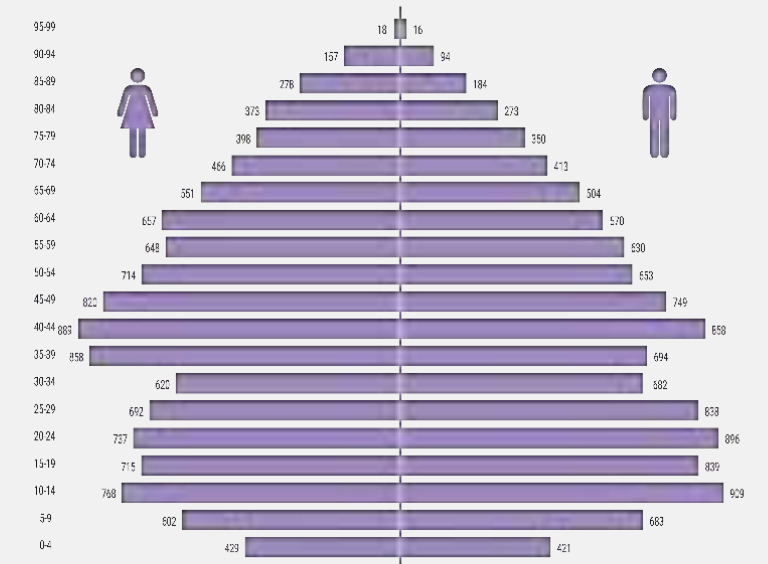
Source: ABS 2021 Census



= Average population density per km²

22,750 residents

Source: ABS 2021 Census

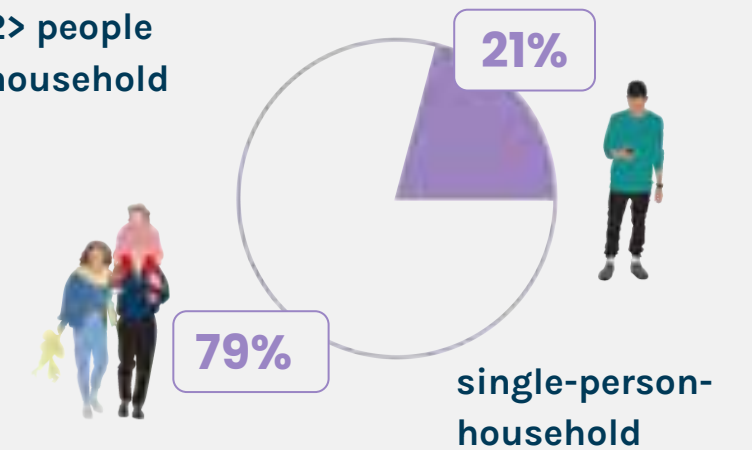


A young population

43% under 35

Source: ABS 2021 Census

> 2 people household



Multi-household dominated

6,953 households

Source: ABS 2021 Census

Precinct Profile Landuse

Glen Waverley

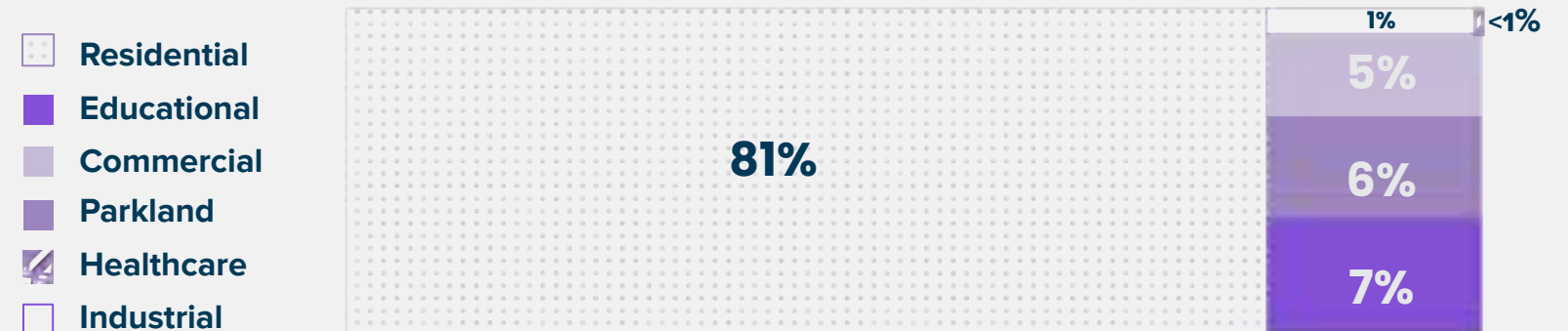
Residential precinct with a commercial core

- Glen Waverley has the highest share of residential land use of all six precincts. 81% of the land is used for housing
- The commercial core of the precinct stretches along Kingsway with The Glen shopping centre at the northern end and the Kingsway restaurant strip at the southern end
- An additional commercial centre including an existing transit connection via Syndal Station stretches along Blackburn Road in the western part of the precinct



Source: ABS 2021 Census

Land Use



Glen Waverley Public Space



Public Space: Glen Waverley

Public Spaces in Glen Waverley

Scattered public spaces with a lack of public green space in the precinct core

- Glen Waverley has a moderate amount of public space
- The largest public spaces are Central Reserve to the south, Bogong Reserve in the core and Glen Waverley North Reserve
- In addition there are several semi-private/public spaces with restricted access (i.e school yards or forecourts of shopping malls)
- The large public spaces at the periphery of the precinct generate an overall high number of public space per capita. However, in the station precinct the public space per capita number is low



Public space



Sources:
Public spaces from the SRLA, Population data from ABS Census 2021

Public Spaces

5.5%
Park area percentage to precinct (1,600m)

7.3 m²
Public space per capita (1,000m)

19.4 m²
Public space per capita (1,600m)

Public Space: Glen Waverley

Infrastructure and Facilities in Public Spaces

- Central Reserve and North Reserve are the most well equipped public spaces, offering the basic inventory but also lots of additional nice-to-have features
- There are several small public spaces with a rather low basic inventory and little to no add-ons



Inventory List

	Central Reserve	Bogong Reserve	Yanigin Drive Reserve	North Reserve
 Lighting	✓	✓		✓
 Litter Bins	✓	✓	✓	✓
 Paved paths	✓	✓	✓	✓
 Public toilets	✓			
 Seats	✓	✓	✓	✓
 Bike Racks	✓			✓
 Playground	✓	✓		✓
 Barbeques	✓			✓
 Sign	✓	✓		✓
 Skatepark	✓			
 Water bodies		✓		
 Artificial playground shades	✓			✓
 Ancillary sports structure	✓			✓
 Shelter for picnics	✓	✓		✓
 Bmx tracks				
 Dog area		✓		✓
 Drinking fountain	✓	✓		✓
 Exercise equipment				

Source: the SRLA. (Note the inventory list is comprised of all amenities found within the six precincts. Therefore an item may be listed in the inventory but not be present in all precincts. Only amenities which have been ticked are present within the district)

Public Space: Glen Waverley

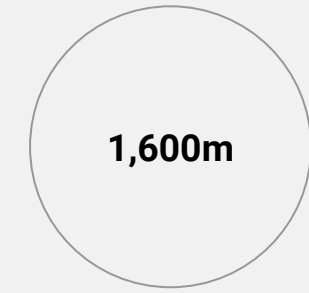
Tree Canopy

A tree donut: a relatively leafy precinct with an absence of canopy coverage in the core

- Glen Waverley has the third highest number of trees of all six precincts
- However there is a lack of greenery in the core of the precinct around the station, Coleman Parade and Kingsway, with an increased risk for urban heat island effects



1,600m diameter

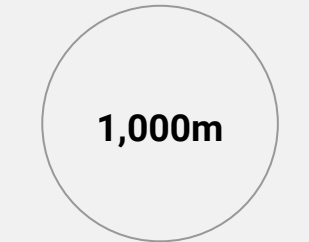


Precinct

31,807 Trees

1.41 Trees per capita

1,000m diameter

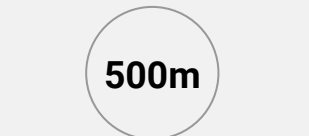
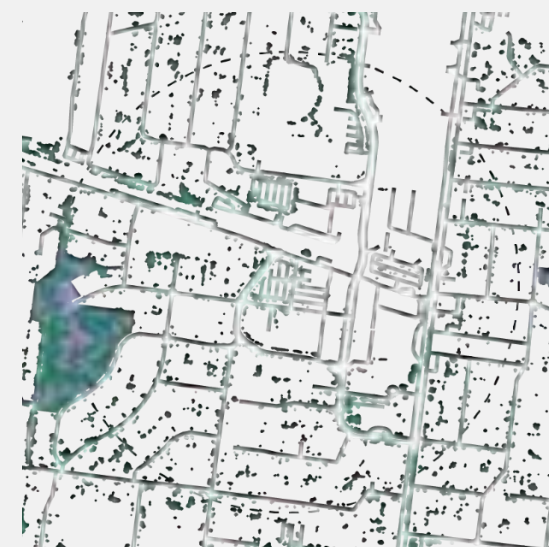


Centre

11,788 Trees

1.41 Trees per capita

500m diameter



Station

2,389 Trees

0.9 Trees per capita

Sources:
Public spaces from the SRLA,
population data from ABS Census
2021, Tree canopy data from
Vicmap Tree Extent 2021

和屋 WAYA
茶食屋

Scoopy

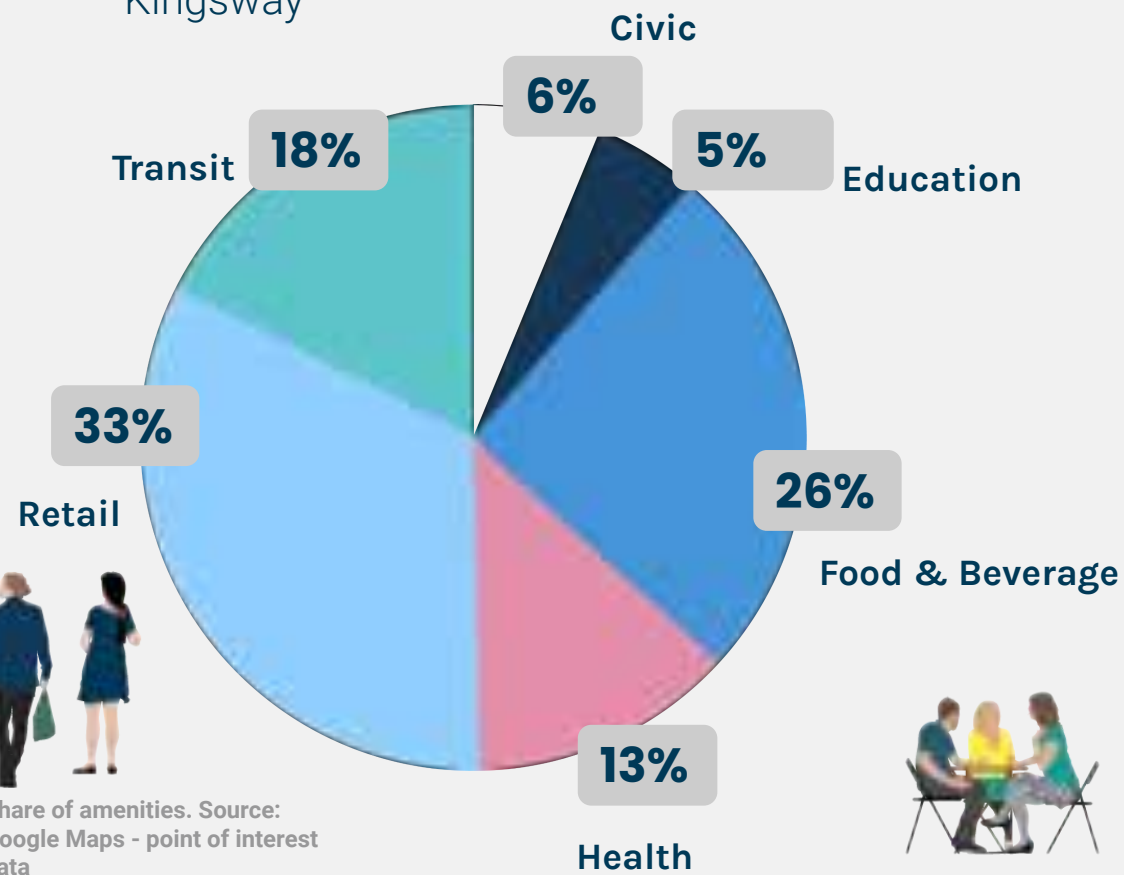
Glen Waverley Public Life

Public Life: Glen Waverley

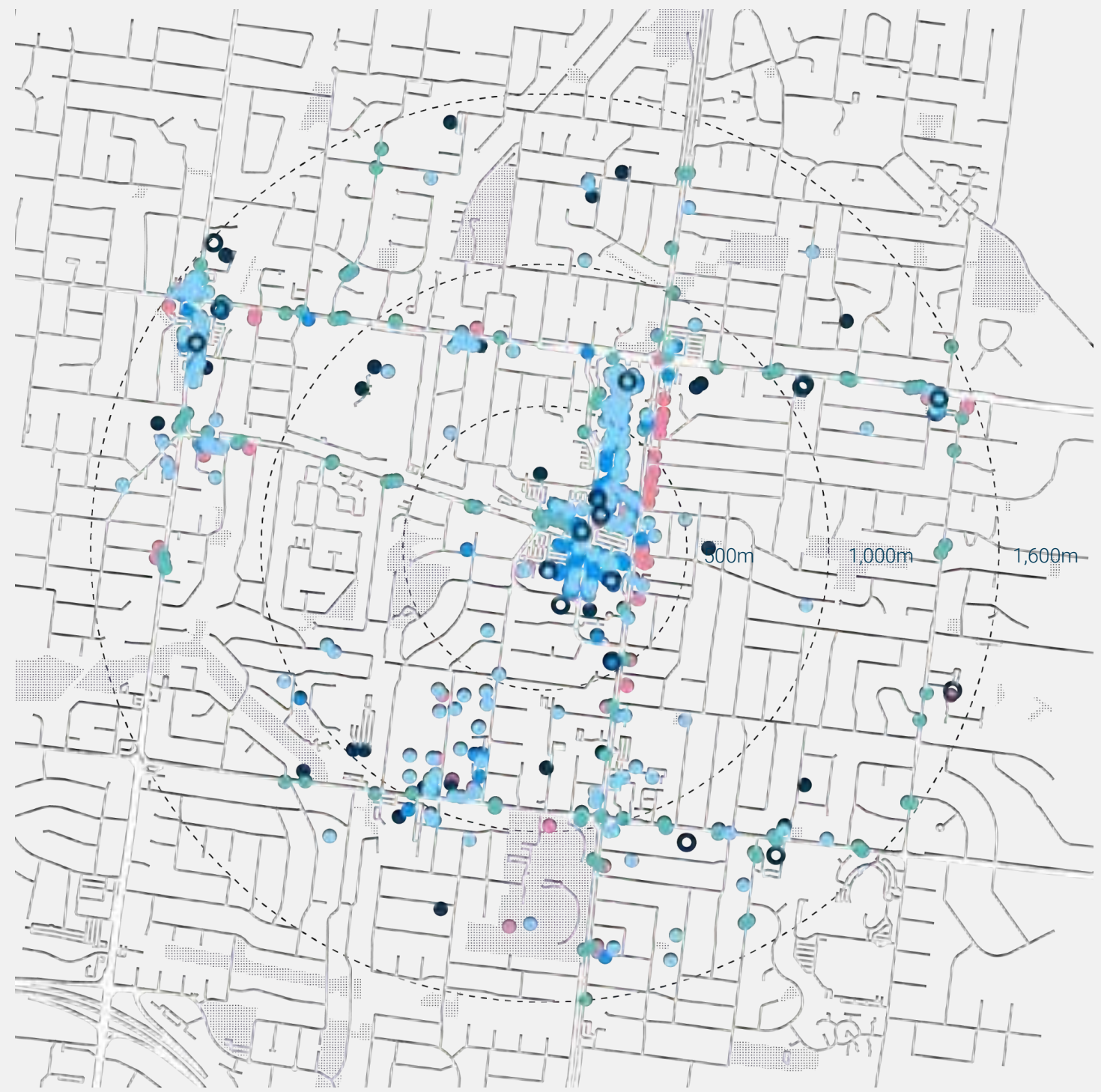
Amenities

Retail, Food and Beverage dominate the center of Glen Waverley

- Glen Waverley has the highest share of food and beverage and the second highest of retail amenities of all precincts
- The majority of amenities cluster along Kingsway



Share of amenities. Source: Google Maps - point of interest data



233 Amenities within 500m radius of the station

Source: Google Maps

Public Life: Glen Waverley

Active Frontages

2,300m recorded

Glen Waverley has the highest number of active frontages of all precincts

- Glen Waverley has the highest number of A and B rated frontages of all six precincts
- Particularly along Kingsway, a lot of frontages are active and lively with smaller units and lots of publicing
- Poorly rated frontages are mostly along Coleman Parade and Springvale Road



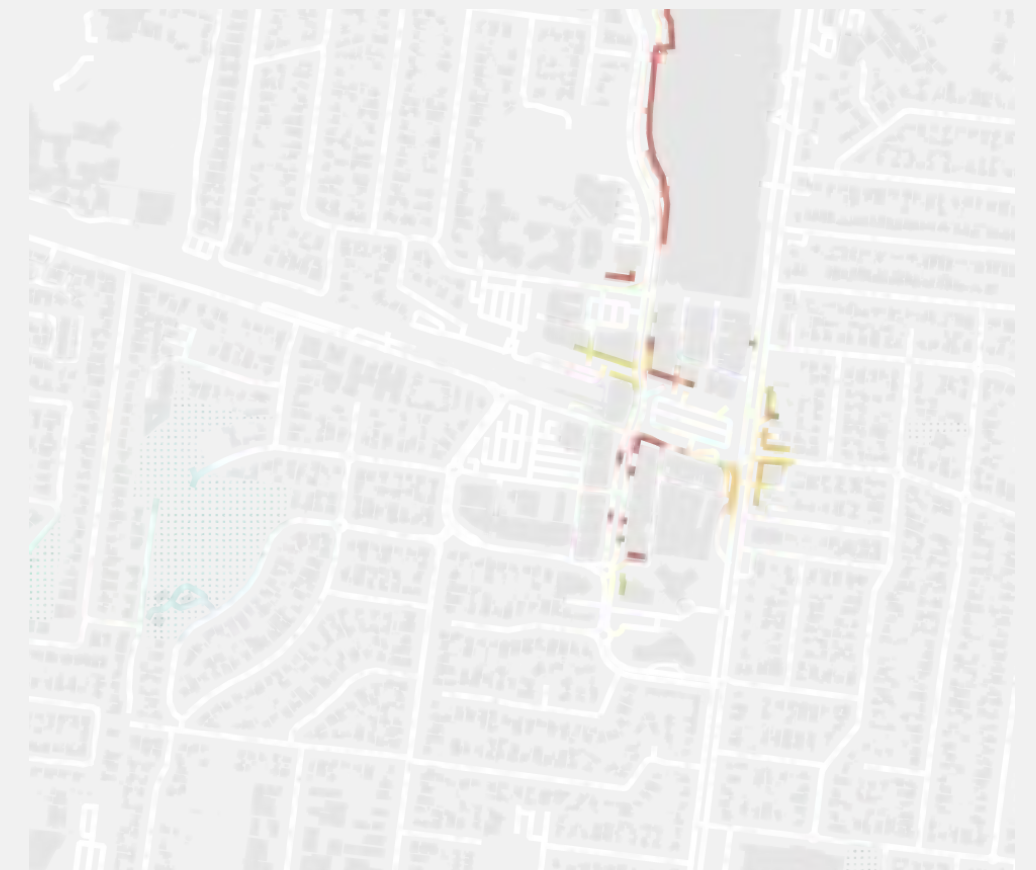
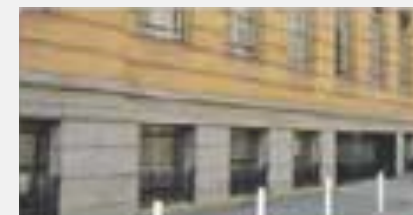
Active

Frontages with a
A and B rating



Inactive

Frontages with a
D and E rating

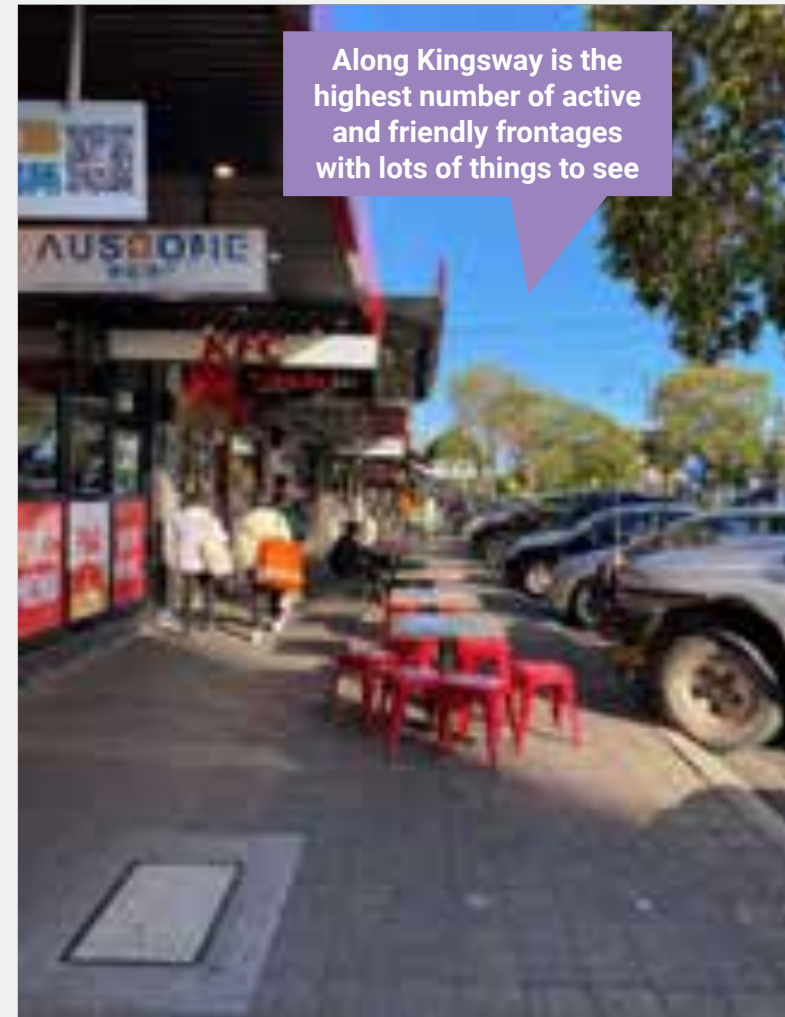
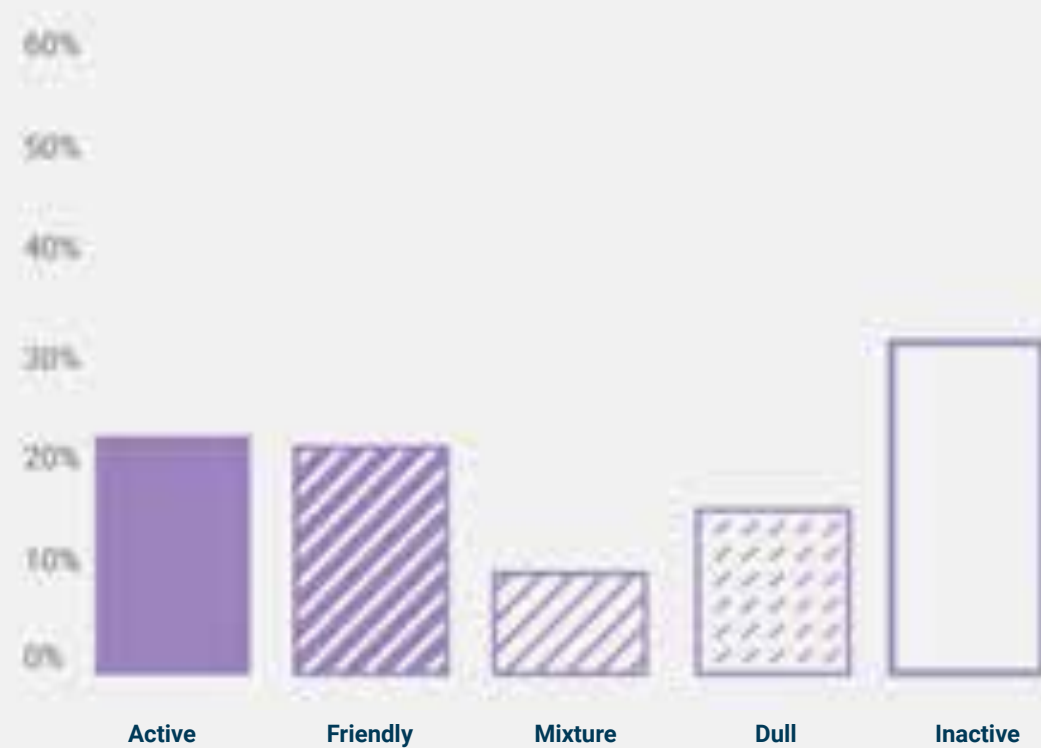


Public Life: Glen Waverley

Active Frontages

Glen Waverley has the highest number of active frontages of all precincts

- Particularly along Kingsway the frontages offer lots of things to see
- The northern stretch of Kingsway and the frontages around the central car park score much lower
- New development along Kingsway North have reduced the small grain of frontages significantly

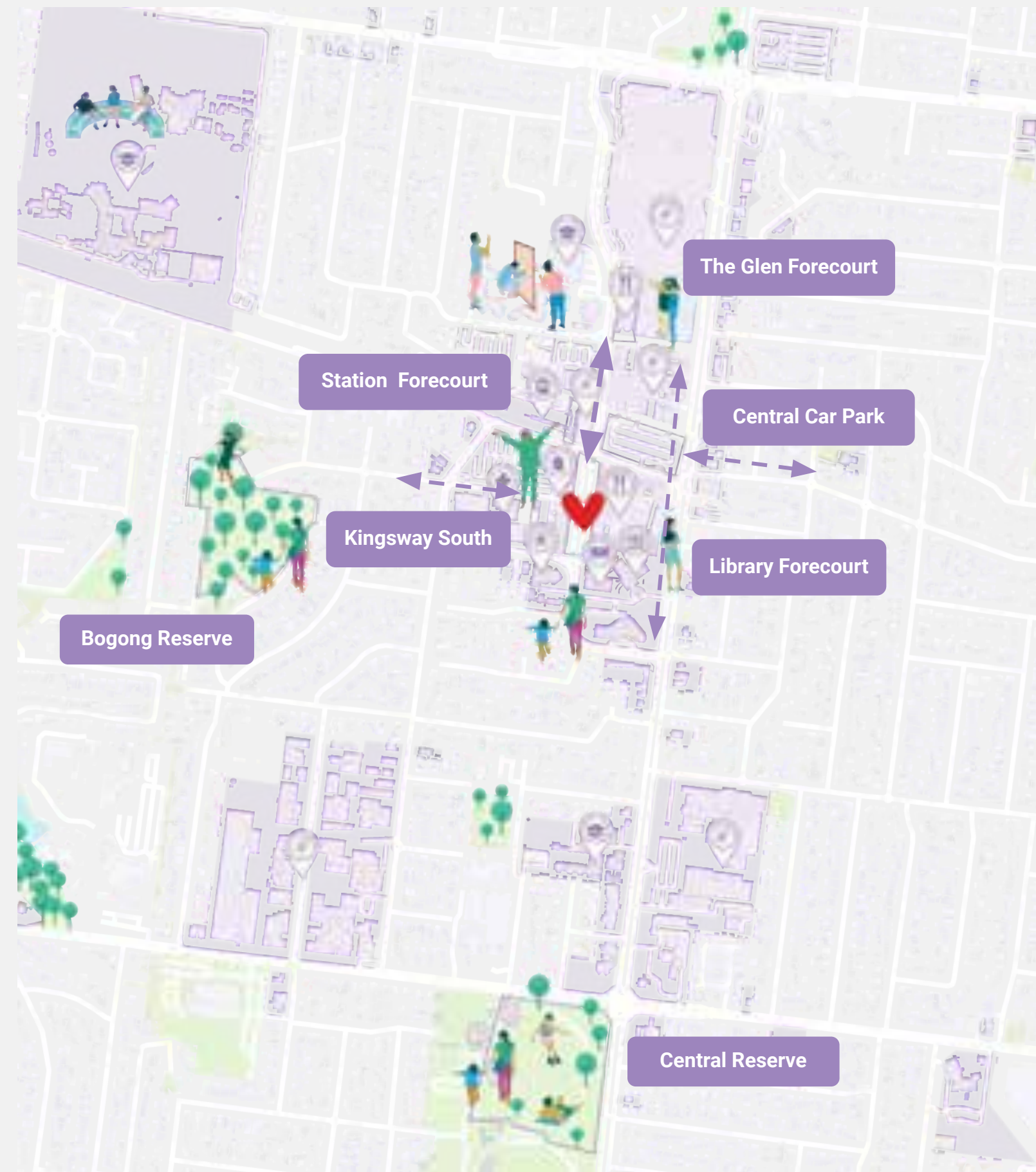


Public Life: Glen Waverley

The Focal Points of Public Life in Glen Waverley

Kingsway as a spine of public life with large potential for improvements

- Public Life in Glen Waverley is most commonly observed along Kingsway from The Glen shopping centre in the north to the library forecourt in the south
- Kingsway is divided into two sections by Coleman Parade. The southern section is a linear parking lot framed by a lively concourse of diverse storefronts. The northern section is a wide four-lane road with higher traffic volumes and less pedestrian space
- Bogong Reserve is the largest public space close to the center of the precinct, however Central Reserve, located to the south, is much more popular
- Important connections in the precinct are Springvale Road, Coleman Parade, Glen Road and Montclair Avenue



Public Life: Glen Waverley

Glen Waverley

Public Life Surveys

- Stationary activities were surveyed in six public spaces
- Additionally, two pedestrian movement counts were conducted on Kingsway as well as at the entrance to Central Reserve

3,842 Stationary Observations 

7,666 Movement Counts 

Date of surveys

19.10.2023

21.10.2023

Weather

24°C 

23°C 



Surveyed sites





Glen Waverley Kingsway South & Library Forecourt

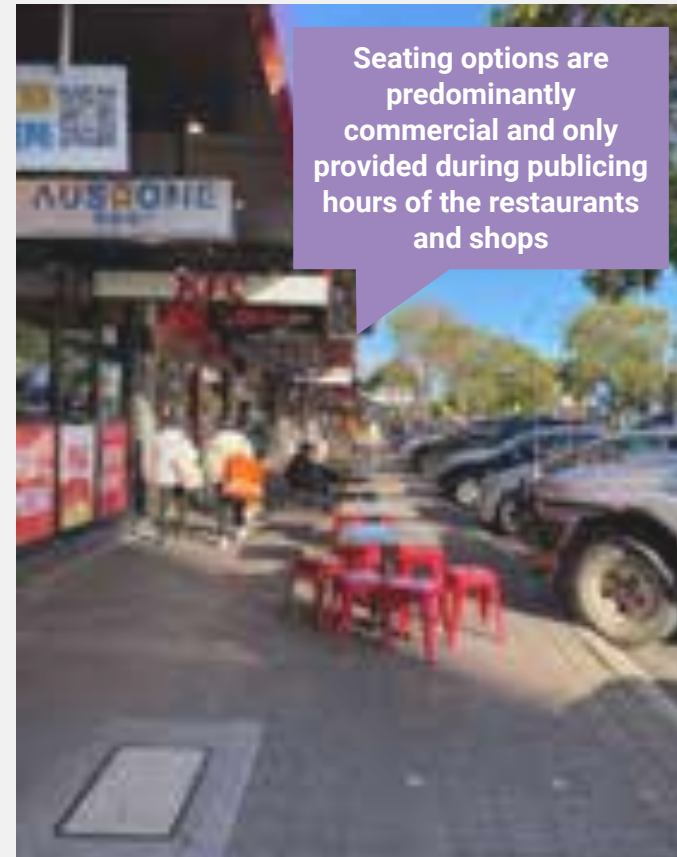
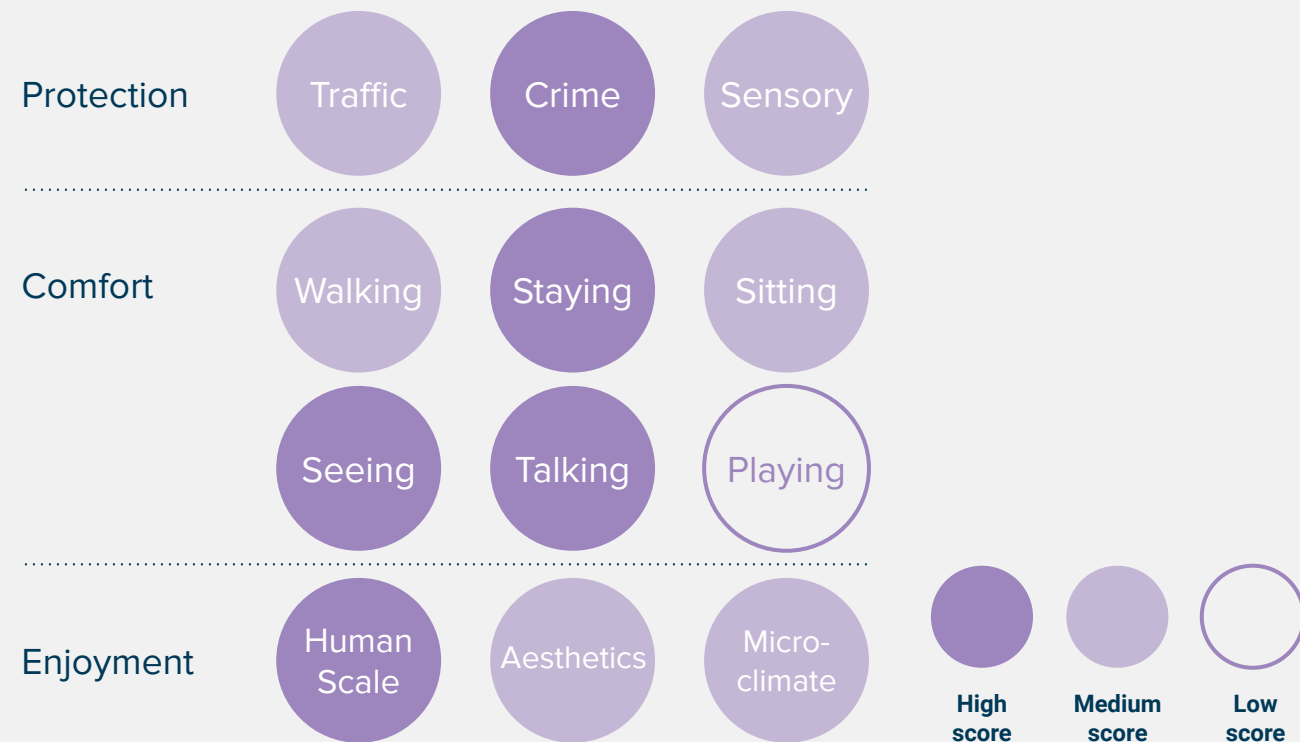
Public Space Qualities: Glen Waverley

Kingsway

The commercial centre and spine of Glen Waverley enjoys lots of public life

- Kingsway connects the main functions and amenities of Glen Waverley, stretching from The Glen shopping centre in the north to the library forecourt to the south
- The density of amenities, especially restaurants, contributes to a vibrant and human scale core

Public Space Qualities



Public Space Qualities: Glen Waverley

Library Forecourt

A small playful square that invites people to sit, chat, and have a break

- Glen Waverley library is a popular destination at the southern end of Kingsway
- The library forecourt in front of the building forms a great welcoming area for both library visitors and locals looking for a pause place

Public Space Qualities



The northern edge of the Plaza does not offer any activity at ground floor and is fragmented by an access road



Lots of seating options as well as small play elements invite people to spend time here



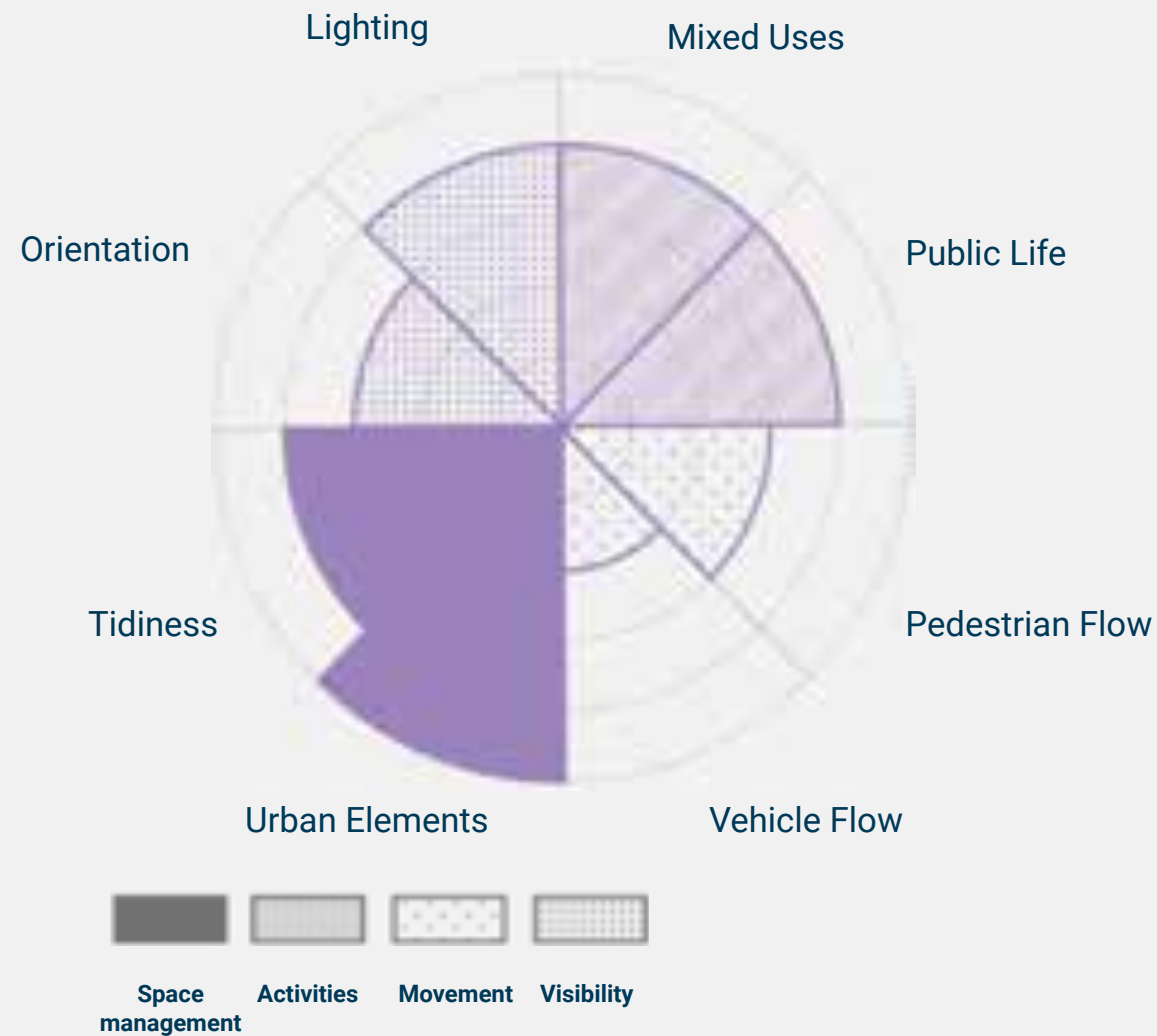
Traffic signs fragment and disturb the continuity as well as lower the aesthetic quality of the square

Safety Index: Glen Waverley

Library Forecourt

The plaza is well maintained and lit, however after the library closes, it gets rather devoid of people and life

Safety Index



Public Life: Glen Waverley

Kingsway South Movement Counts

Who is moving along Kingsway South?

- Along Kingsway, both stationary activities and two movement counts were conducted. This provides valuable insights into which user groups are moving through and which user groups are staying
- Kingsway South is the busiest of all 20 locations studied across all precincts
- The gender split of people moving through and staying in the place are quite even
- There are more young people moving through the space (38%) than actually staying (27%), indicating that there are few staying options for young people
- The periods with the highest movement flows along Kingsway are weekdays after 3 pm and in the evening. Weekend peaks are during lunch and dinner time, corresponding also with the stationary activity surveys

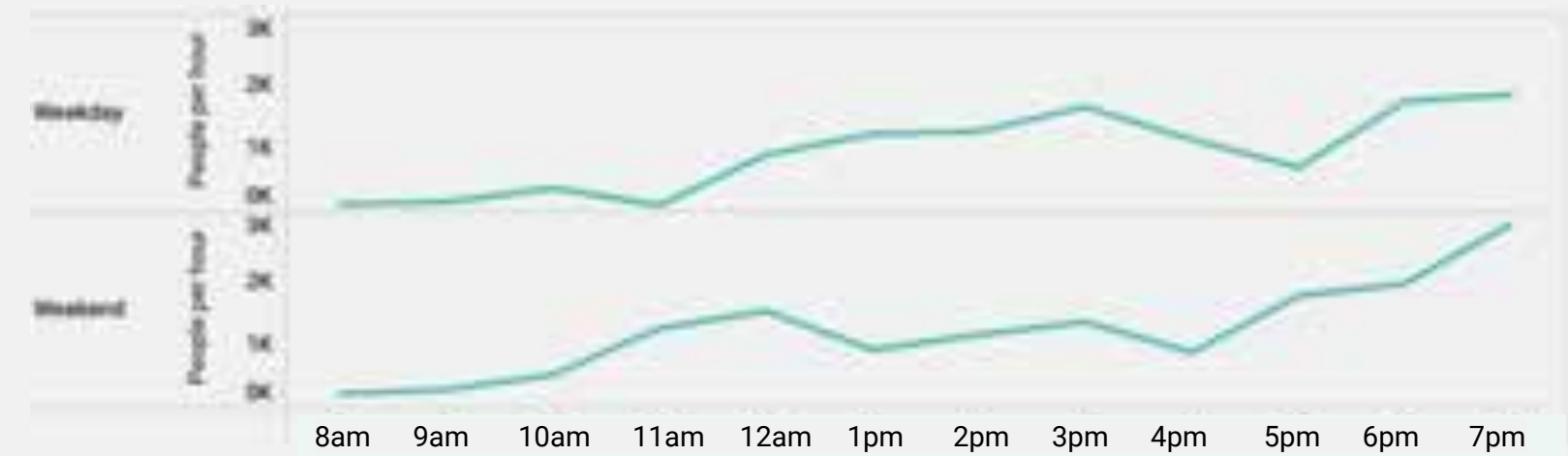
Count overview

26,154
counts

1,644
stationary
observations

1 person out of 16 moving along Kingsway South stay for a moment

Movement flow count



Demographics of people moving

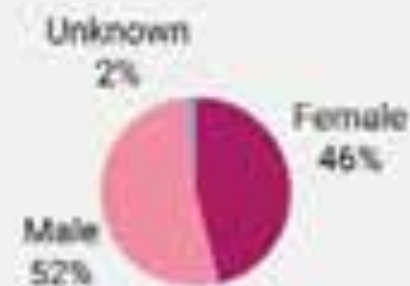
Gender



Age:



Demographics of people staying



Public Life: Glen Waverley

Kingsway South & Library Forecourt

Age Demographics

Who is using Kingsway?

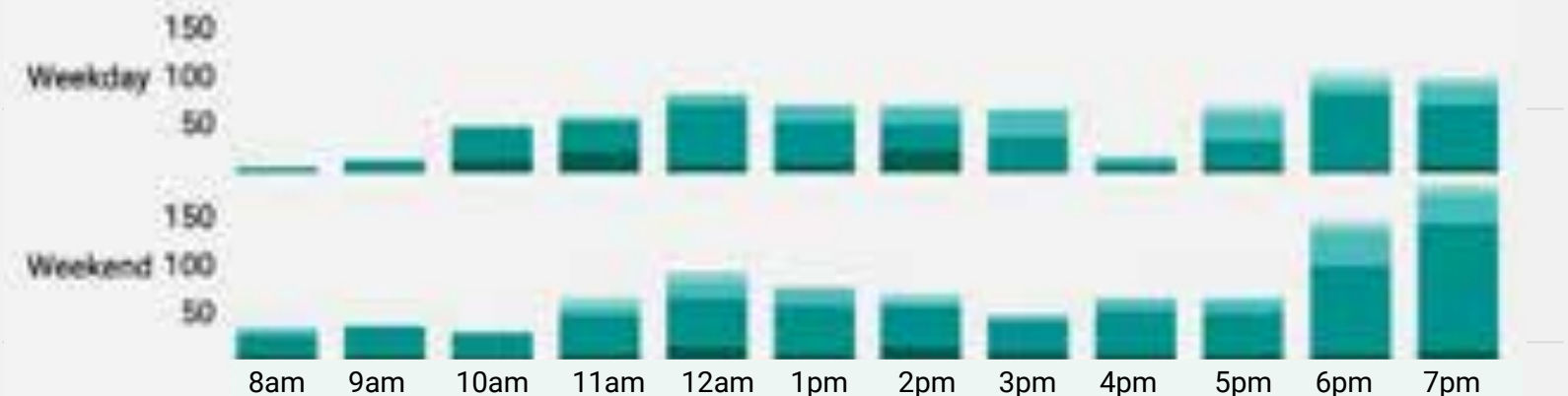
- The observed age distribution corresponds with the demographics of the neighbouring residents, meaning that Kingsway is a space for all age groups of the neighbourhood
- The age groups are unevenly distributed along Kingsway. While the more restaurant and car parking dominated core part of Kingsway is used by 23% young people and children (age 0-24), the library forecourt is used by 44% young people and children
- The commercial strip along Kingsway seems to exclude younger people from staying, this could be explained by the need to make a purchase to sit at a table

1,644 observations

Weekday	712
Weekend	932

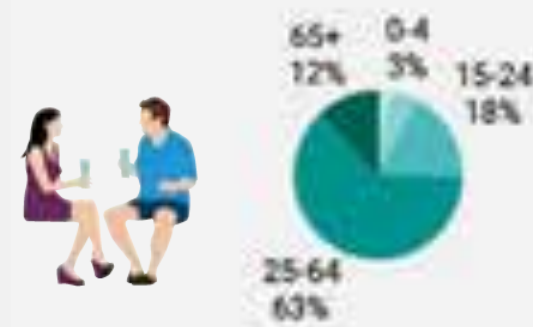


Stationary flow count



Demographics

Users



Neighbouring residents



Residents living within 200 metres of the survey site

Public Life: Glen Waverley

Kingsway South

Gender Demographics

Who is using Kingsway?

- The usage of Kingsway has an even gender split for people both staying in and moving through Kingsway

Usage throughout the day:

- The busiest times on Kingsway are weekend evenings, supporting the strong food and beverage identity of Kingsway
- There is very little usage during the morning when restaurants and shops are still closed
- Kingsway is the busiest of all 26 studied public spaces in this Urban Baseline Study

1,644 observations

Weekday	712
Weekend	932

Female
Male
Unknown

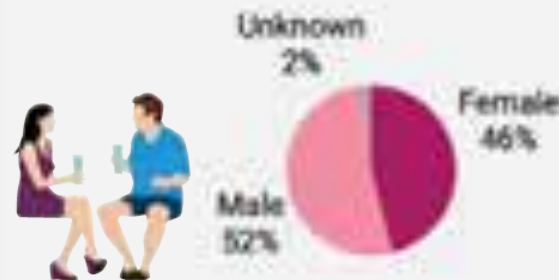


Stationary flow count

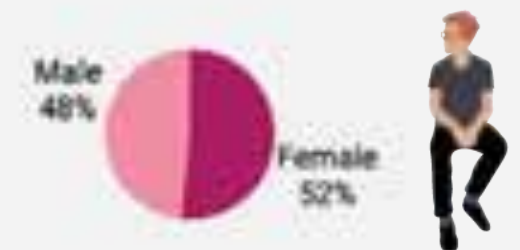


Demographics

Users



Neighbouring residents



Public Life: Glen Waverley

Kingsway South

Activities

What are they doing?

- The most common activity in Kingsway is being in conversation, as well as eating and drinking, explaining the peaks at typical eating hours and low activity level when shops and restaurants are closed
- Other activities along Kingsway and the library forecourt are mostly connected to eating and drinking, such as waiting in line, observing people, feeding children or shopping
- There are very few play and exercise related activities observed along Kingsway, further reinforcing its strong commercial focus

1,644 observations

- In conversation
- Eating / Drinking
- Using Electronics
- Waiting in line
- Taking care of child/children
- Reading / Writing
- Observing / People Watching
- Engaged with commerce
- Feeding child
- Play
- Residing in public space
- Civic work
- Other
- Taking care of pets
- Exercise



Stationary flow count



What are visitors doing?



Compare to Market Street/ Main Street in Box Hill? (page 58)

Click here



Compare to Highett Road in Cheltenham? (page 295)

Click here



Public Life: Glen Waverley

Kingsway South

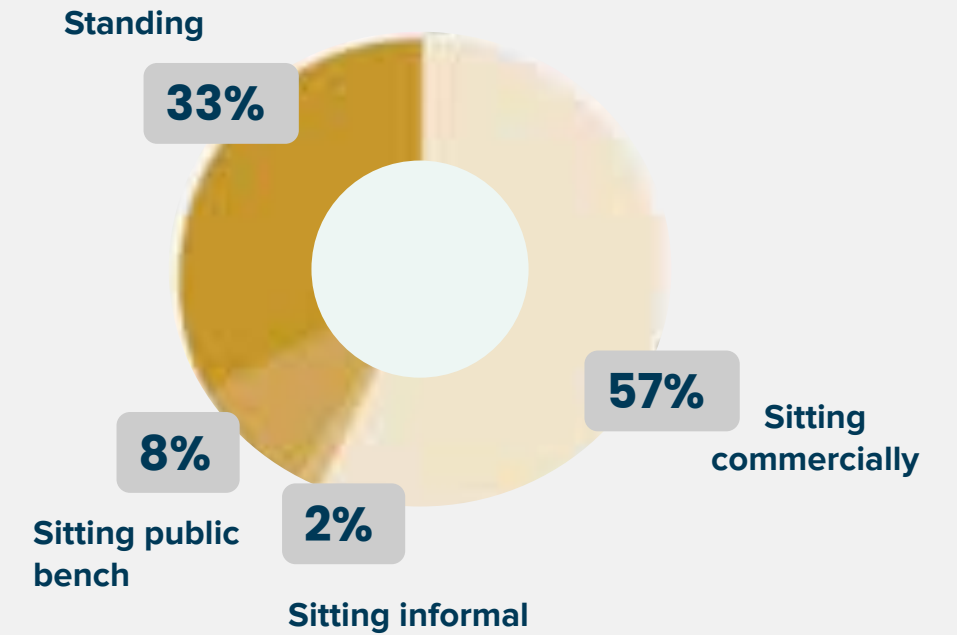
Other Findings

You need to pay in order to sit down:

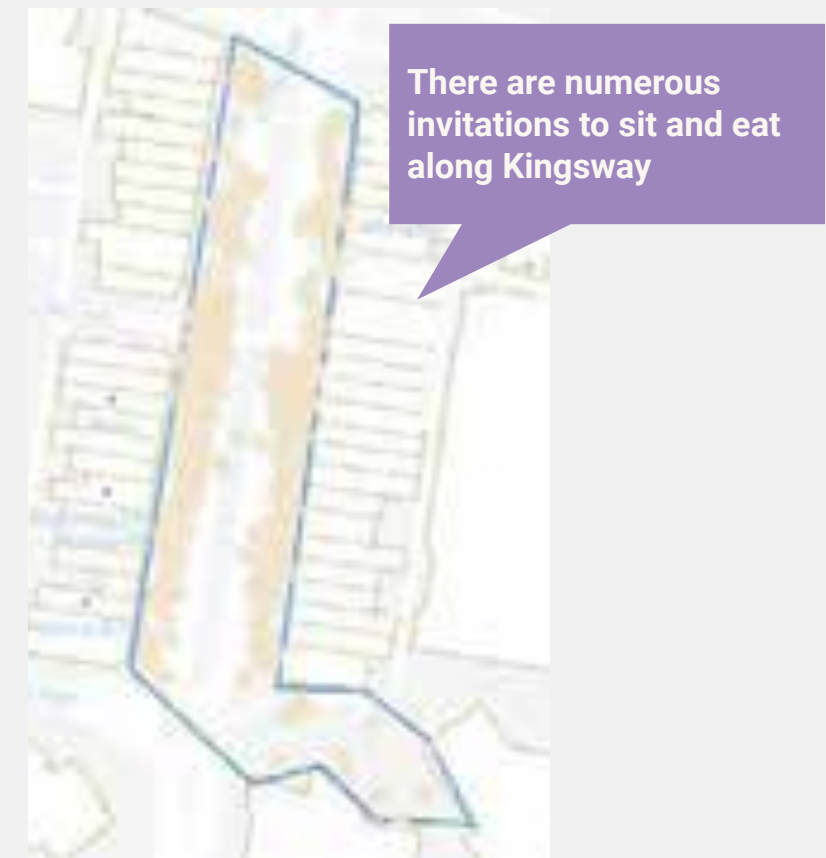
- The majority of people, 57%, are observed seated when using Kingsway, which is in line with the main activity of the space, however this shows the commercial dominance of seating options in public spaces
- Only 8% of seating is on public benches. In areas with a high number of public seating (in particular the library forecourt) 60% of people using the space are using the public seating
- Most public seating options are at the library forecourt plus a few limited spots along Kingsway. There are almost no public seating options on the eastern side of Kingsway
- The outdoor restaurant seating is one of the key qualities and identities of Kingsway, however additional public seating options could invite more user groups to spend time here

Count chart

1,644 observations



Hot Spots



Public Life: Glen Waverley

Kingsway South

Other Findings

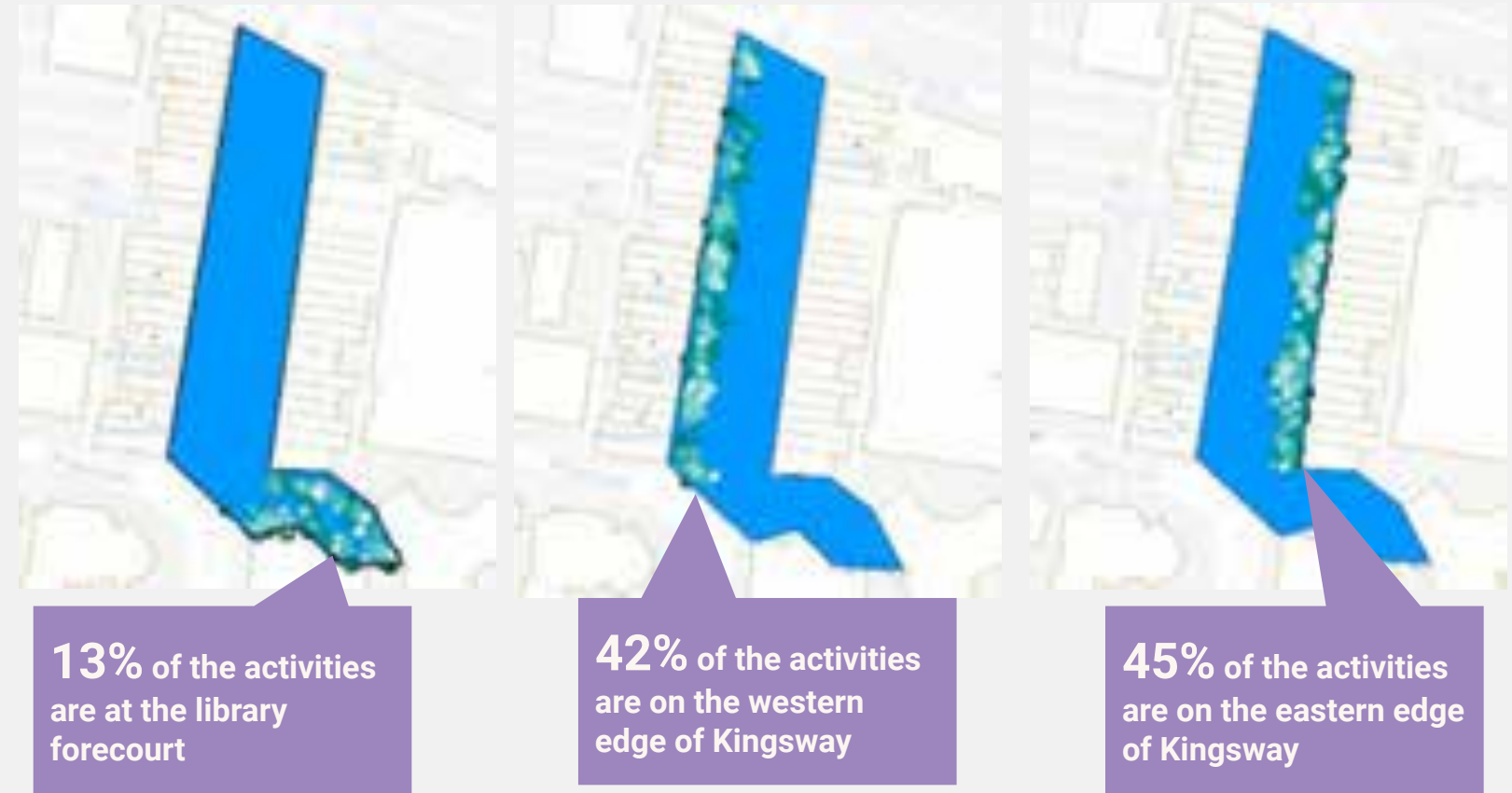
Life on the edge of a large parking lot

- Since the majority of space is used by parked cars along Kingsway the activities of public life are pushed to the edges
- The eastern side of Kingsway is used by 45% of all users, the western side by 42% of all users, the library forecourt by 13%. The core of Kingsway under the existing trees is solely used by parked cars with no stationary activities for people

Section drawing Kingsway South



Hot Spots





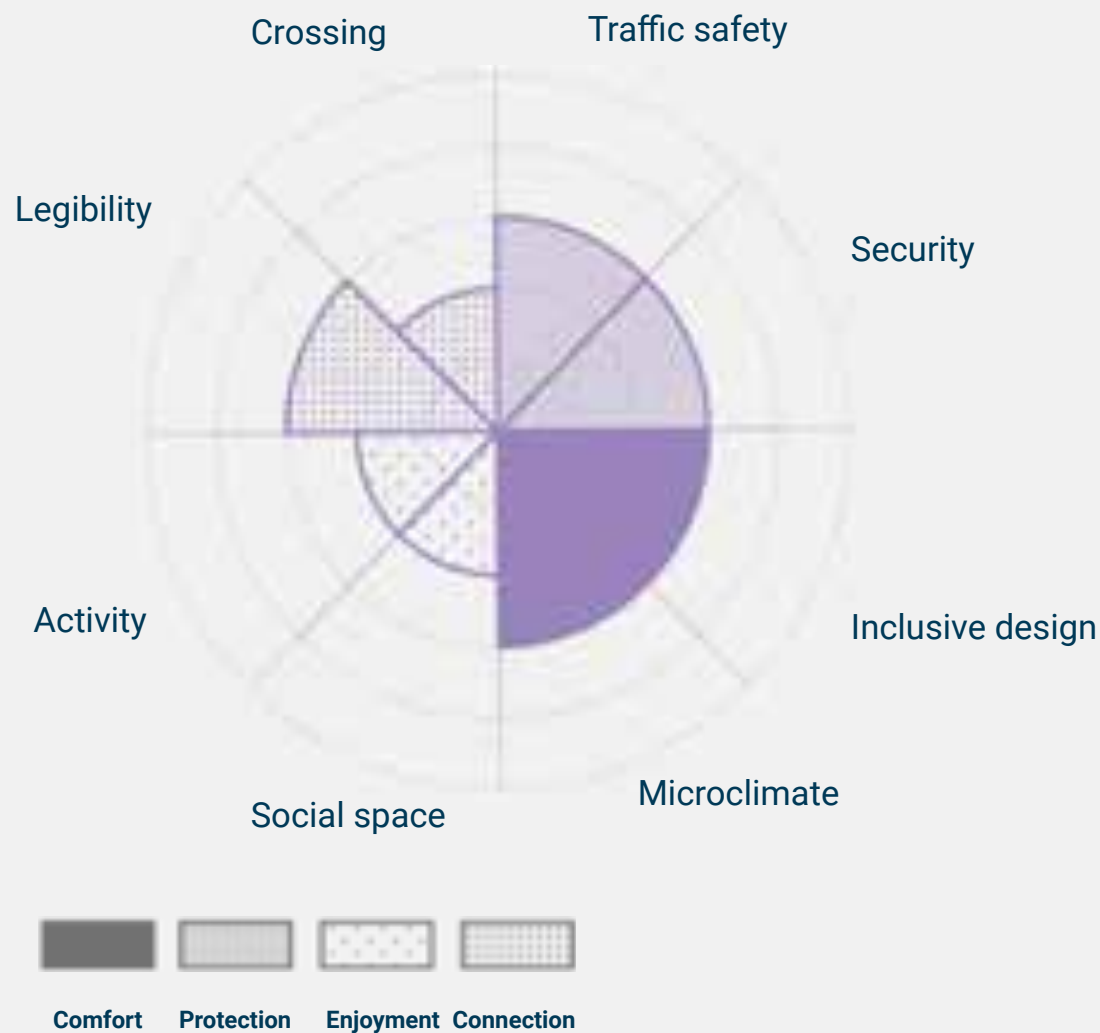
Glen Waverley Kingsway North & The Glen Forecourt

Walkability Score: Glen Waverley
Kingsway North



Despite high level of pedestrian flows and active frontages, Kingsway is still dominated by motorized traffic, the northern stretch by moving vehicles, the southern stretch by parked cars

Walkability Score



Situation at eye-level Kingsway North



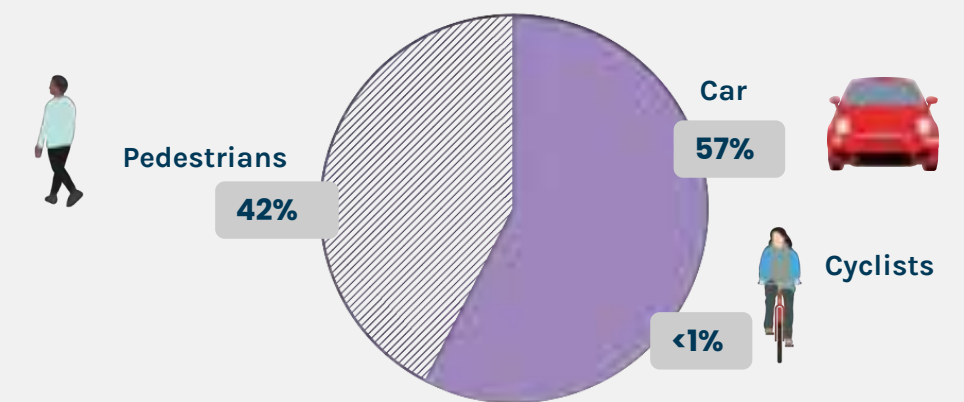
Crossing options are scarce, crossing times are short and refuge island are small and crowded with people



The northern section of Kingsway, leading to the Glen Shopping Mall, features a wide road design that primarily caters for cars

Traffic counts Kingsway North

Kingsway North has very high pedestrian numbers, however the space is dominated by parked and moving vehicles. Cycling is not visible due to a lack of cycling infrastructure

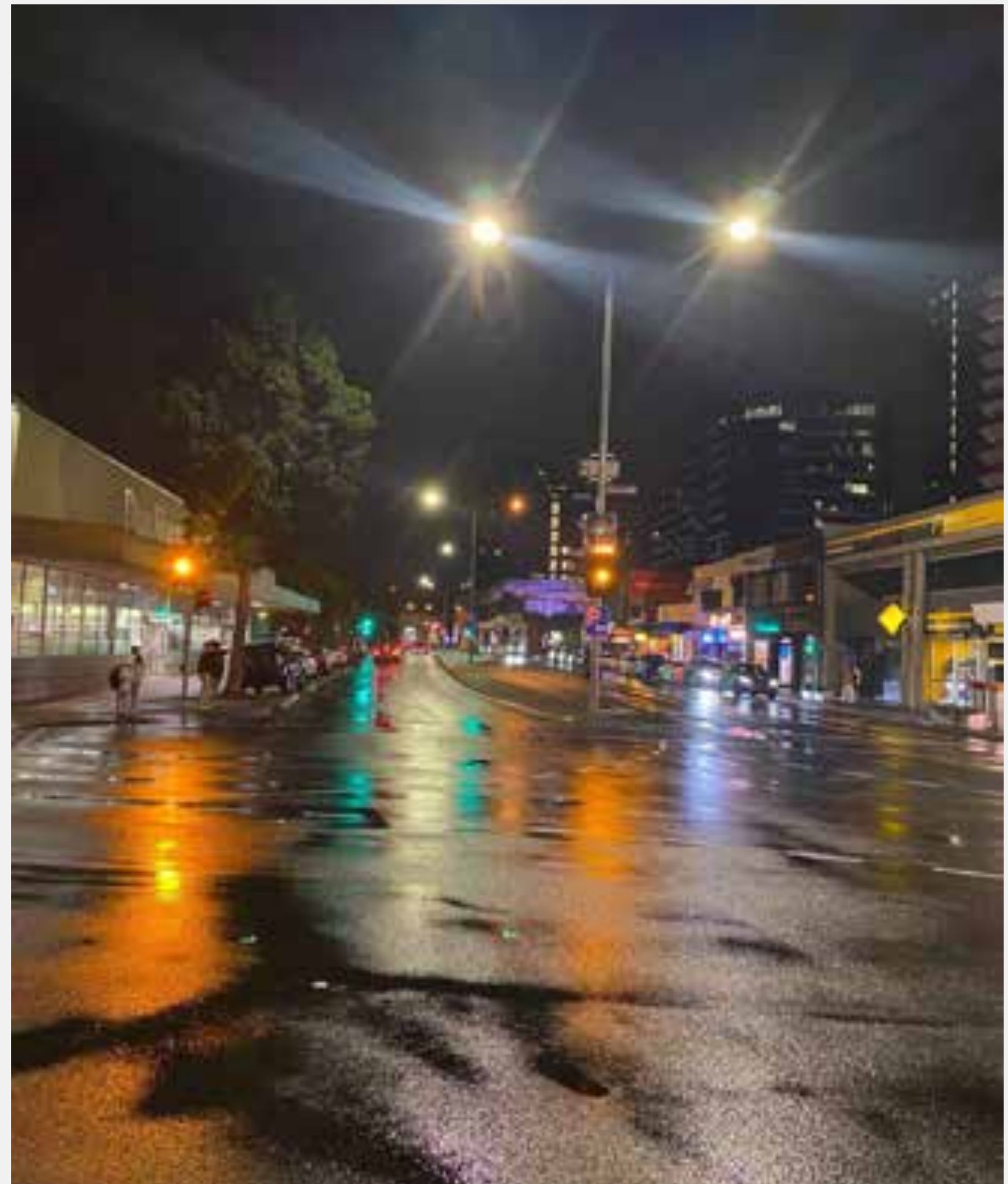
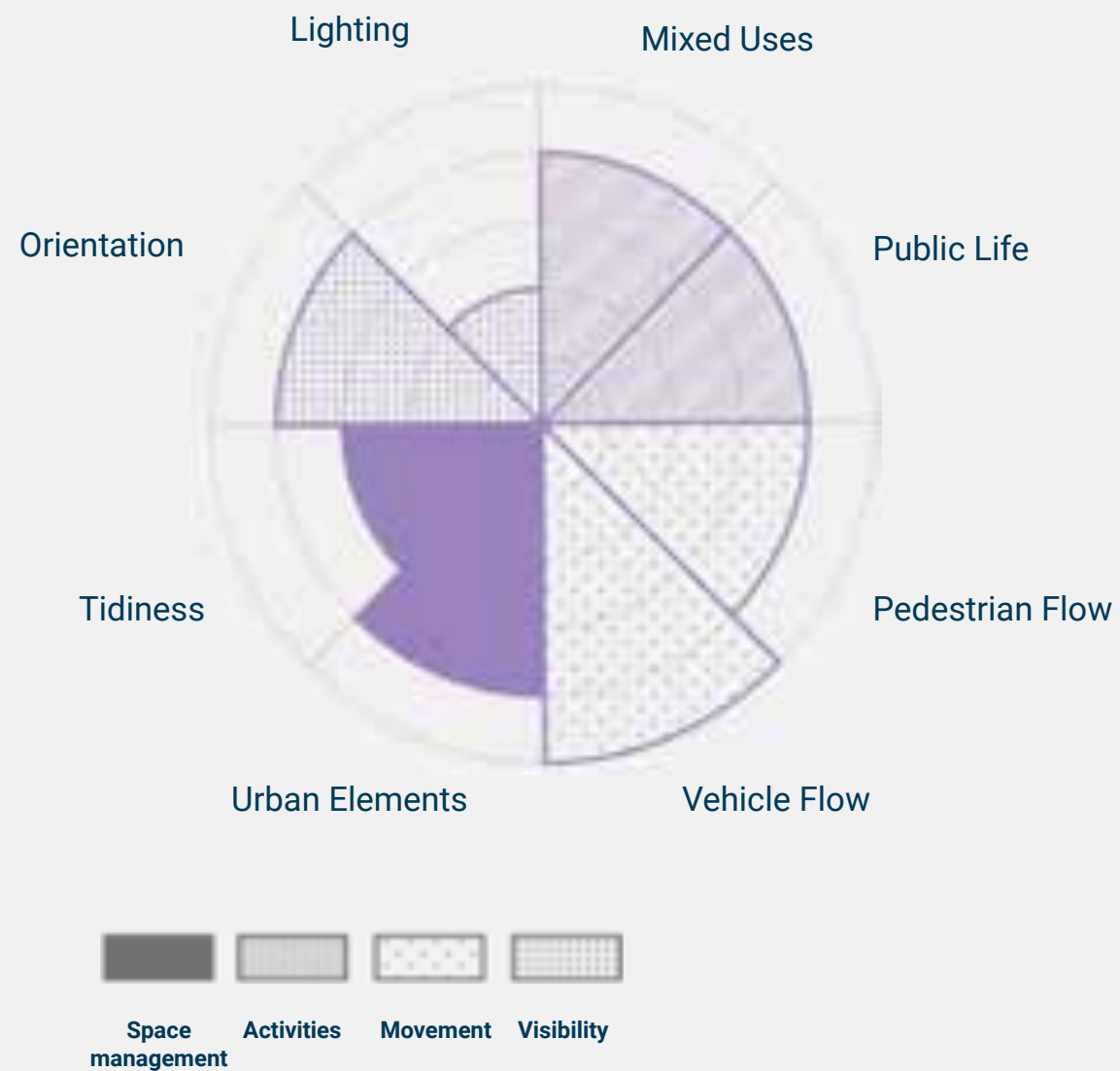


Safety Index: Glen Waverley

Kingsway North

High level of public life and eyes on the street, however Kingsway North is dark and uninviting after closing time in contrast to the southern stretch

Safety Index



Public Life: Glen Waverley

Kingsway North

Movement Counts

Who is moving along Kingsway North?

- Movement counts were conducted north of Coleman Parade in the direction towards The Glen shopping mall. This provides valuable insights into which user groups are moving along Kingsway to and from The Glen
- Kingsway North is the third busiest of all 20 locations where movement counts with the Gehl Public Life App were conducted
- The demographics of people moving along Kingsway North and people staying in front of the Glen are rather similar
- Noticeable is that 5% of the users in front of The Glen are small children whereas there are almost no children moving along Kingsway suggesting that families with small children use different routes and modes to reach the shopping centre

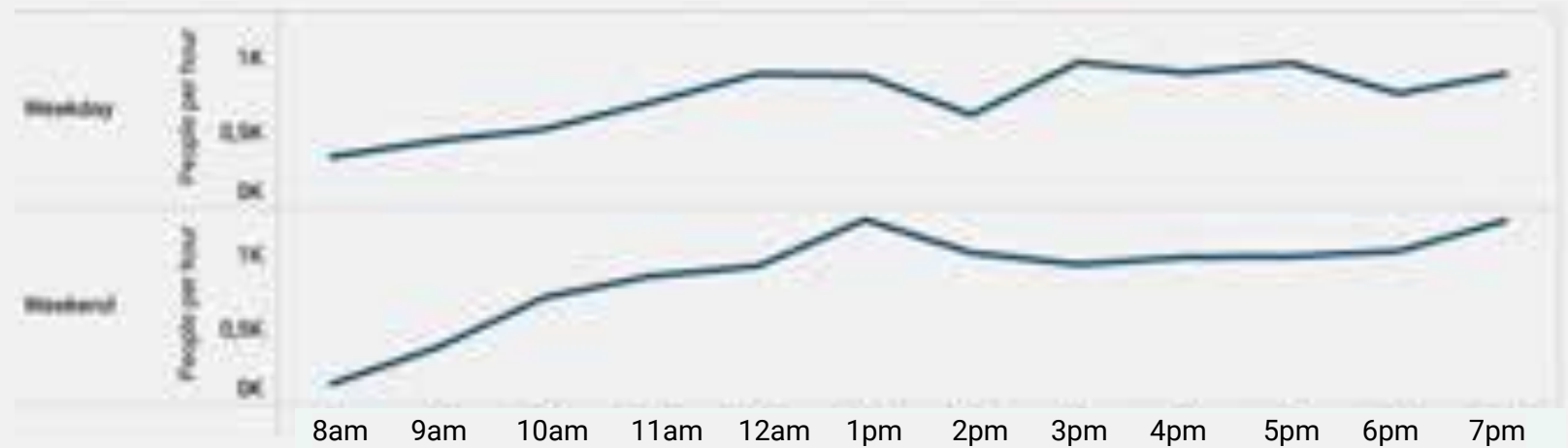
Count overview

19,458 counts

1,143 stationary observations

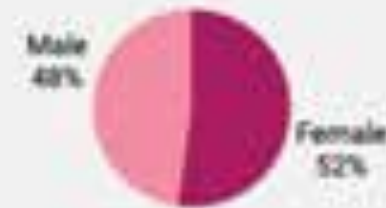
1 person out of 17 moving along Kingsway North stay at the Glen forecourt

Movement flow count

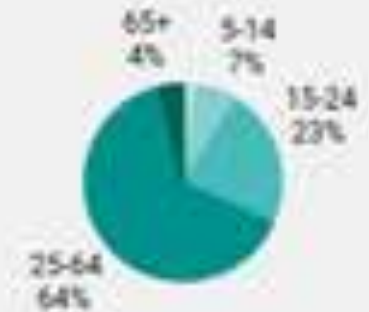


Demographics of people moving

Gender

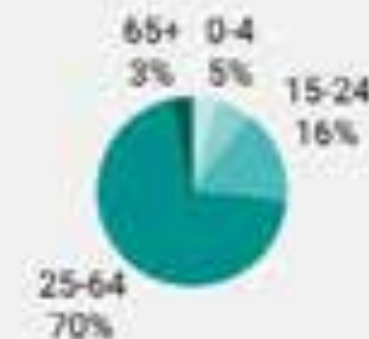


Age:



Demographics of people staying

Gender



Public Life: Glen Waverley

The Glen Forecourt

A commercially driven shopping centre plaza that invites shoppers to stay

- The forecourt is a semi-private square in front of The Glen shopping mall, connecting the mall with Kingsway
- The forecourt invites visitors of the mall to sit, eat, talk and observe
- The forecourt is covered by a roof with modern lighting elements, high quality surfaces, planting and 24h surveillance and security
- A change in surface material, as well as bollards and barriers clearly mark where private and public divide, however the Glen forecourt is still experienced as a public space



Public Life: Glen Waverley

The Glen Forecourt

Age Demographics

Who is using The Glen forecourt?

- Most users are in the large age span of 25 - 64 years of age with very few seniors and children using the space
- Only 3% of users are seniors although a higher share of seniors live in close proximity to the centre

1,143 observations

Weekday	515
Weekend	628

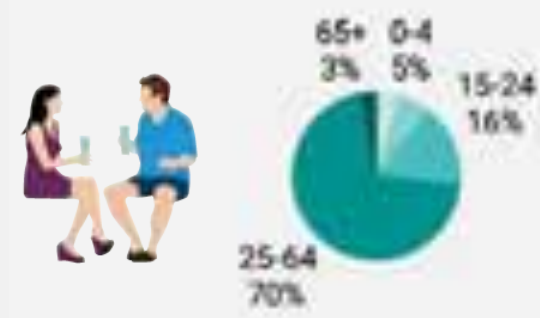


Stationary flow count



Demographics

Users



Neighbouring residents



Public Life: Glen Waverley

The Glen Forecourt

Gender Demographics

Who is using The Glen forecourt?

- There are more women than men using the forecourt, compared to Kingsway South where men were slightly more present, indicating that the forecourt attracts more woman due to its safety, offers or aesthetic qualities

Usage throughout the day:

- Peak times are lunch and dinner showing that food and beverages play an important role for attracting customers to the shopping centre
- The southern portion of Kingsway has traditionally hosted a high concentration of restaurants. There is a growing tendency for restaurants opening in the northern portion, perhaps due to the quality of the immediate public realm.
- There is more activity during weekends with the same peaks during lunch and dinner
- Early mornings are quiet

1,143 observations

Weekday	515
Weekend	628

Female
Male
Unknown



Stationary flow count



Demographics

Users

Male 43%



Neighbouring residents

Male 47%



Public Life: Glen Waverley

The Glen Forecourt Activities

What are they doing?

- The most common activity in Glen forecourt is being in conversation and eating and drinking, which explains the peaks at usual eating hours and low activity level when shops and restaurants are closed
- Other activities across Glen forecourt are mostly connected to eating and drinking or using electronic devices
- Considering the size of the forecourt there is a large variety of activities

1,143 observations

- In conversation
- Eating / Drinking
- Using Electronics
- Observing / People Watching
- Taking care of child/children
- Play
- Waiting in line
- Reading / Writing
- Civic work
- Engaged with commerce
- Engaged in cultural activity



Stationary flow count



What are visitors doing?



Public Life: Glen Waverley

The Glen Forecourt

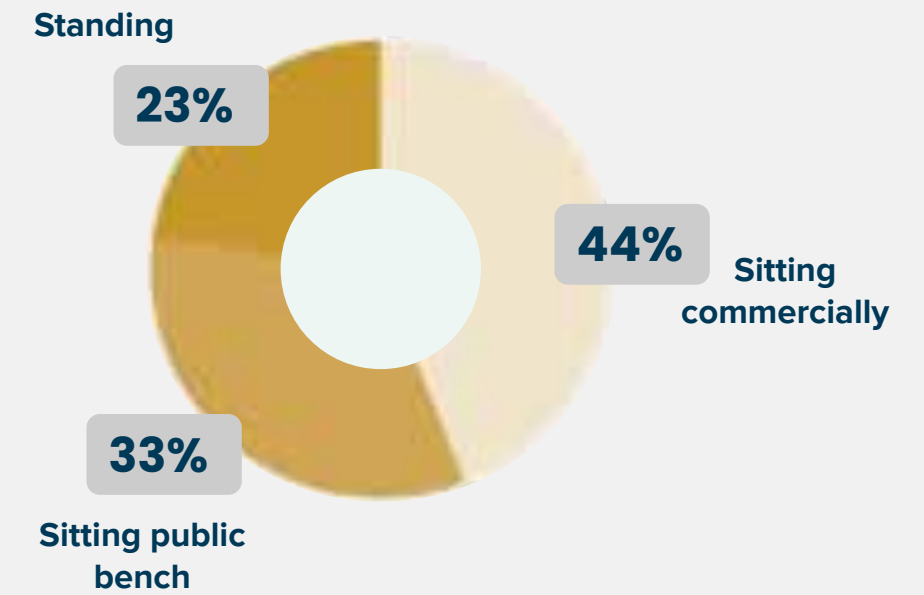
Other Findings

Lots of invitations to sit and people use them

- The majority of people 77% are sitting down when using the Glen forecourt, this is among the highest number of people sitting in the studied public spaces which corresponds with the high number of seating options
- The Glen forecourt invites you to sit down, stay, talk and observe and people use these options
- Although it is a semi-private space there are several perceived public sitting options that allow seating without compulsory consumption, in contrast to Kingsway South where there are very few public sitting options
- There are very few public life activities along the public roads framing the forecourt. The forecourt attracts all the movement and life from streets surrounding it

Count chart

1,143 observations



Hot Spots



Glen Waverley Central Car Park

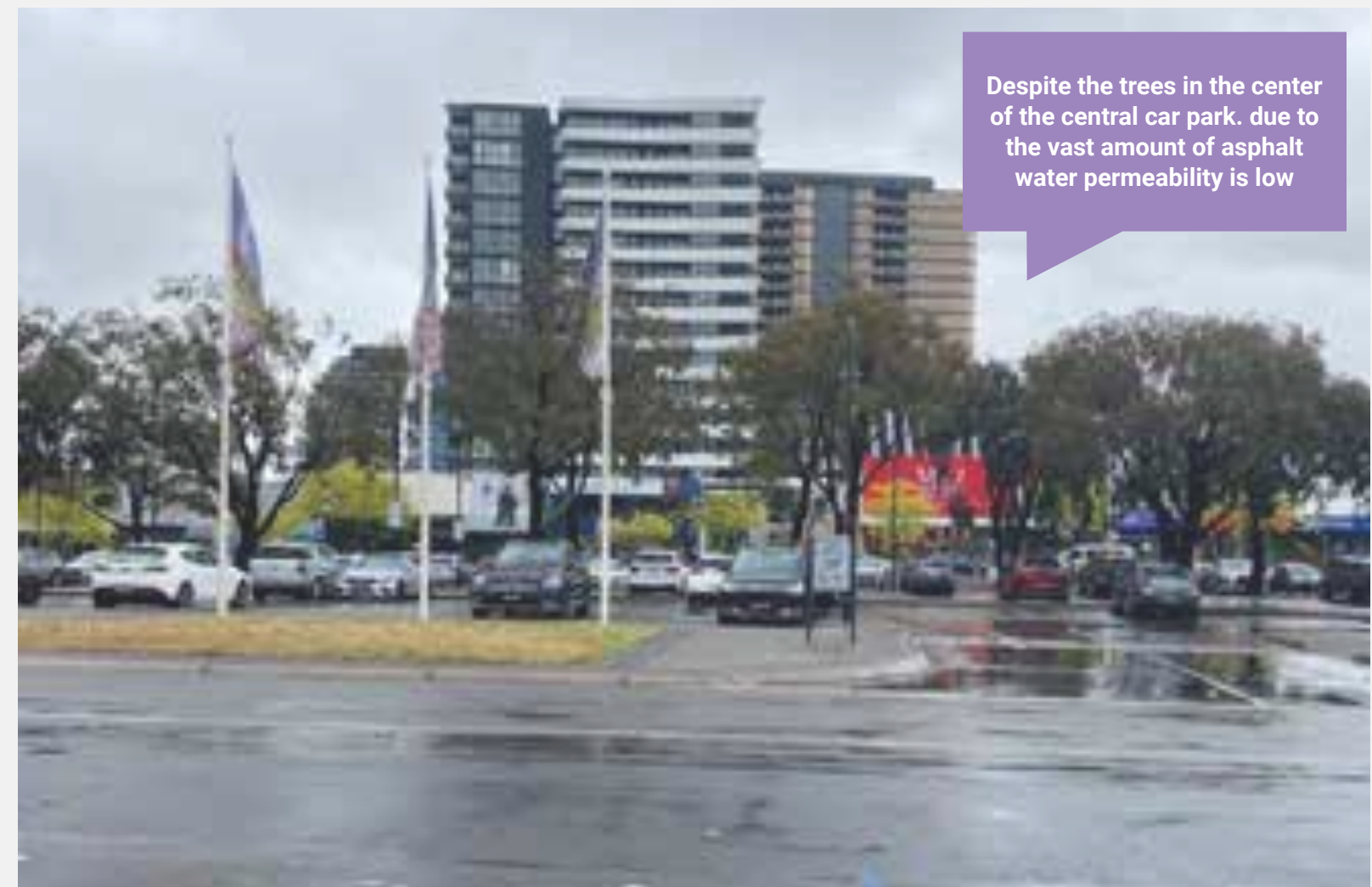
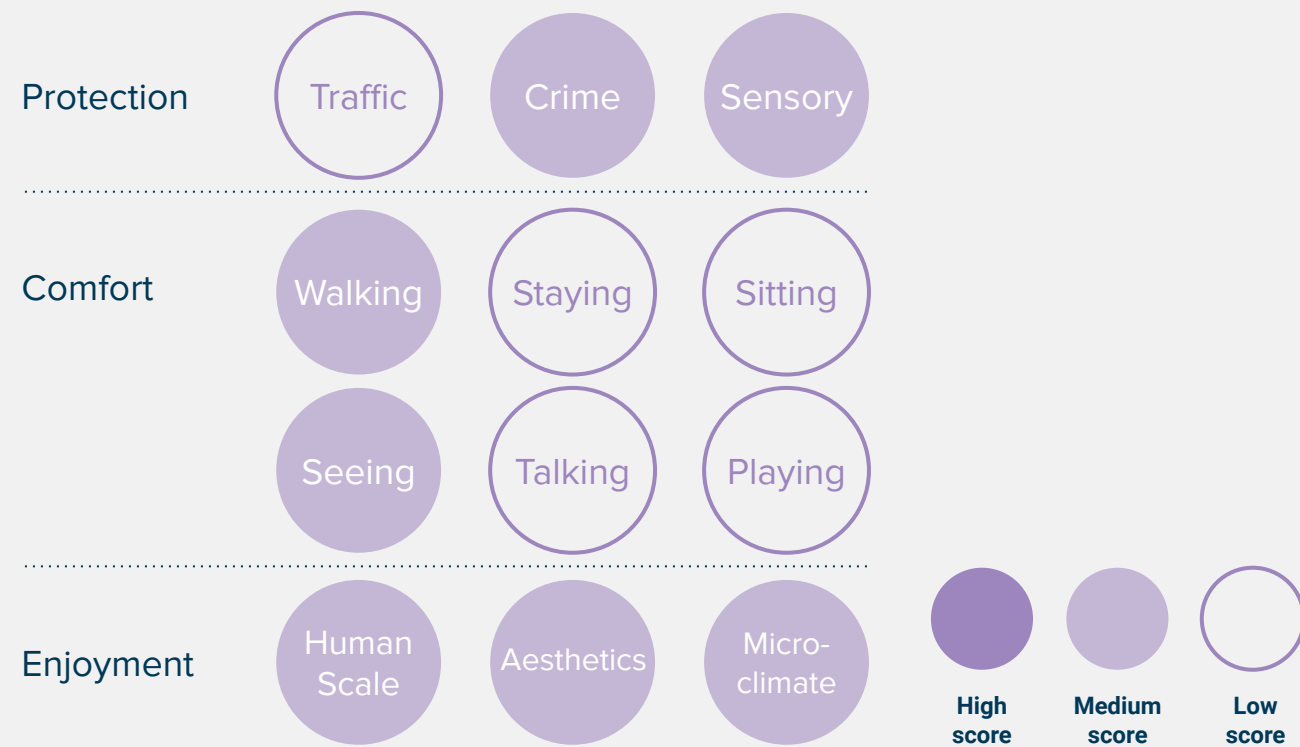
Public Space Qualities: Glen Waverley

Central car park

A large car park in the heart of Glen Waverley with huge potential

- The car park is characterised by an inefficient use of space i.e oversized access ramps and dead spaces between car park and roads
- Being the “welcoming space” of Glen Waverley the space calls for a substantial upgrade

Public Space Qualities



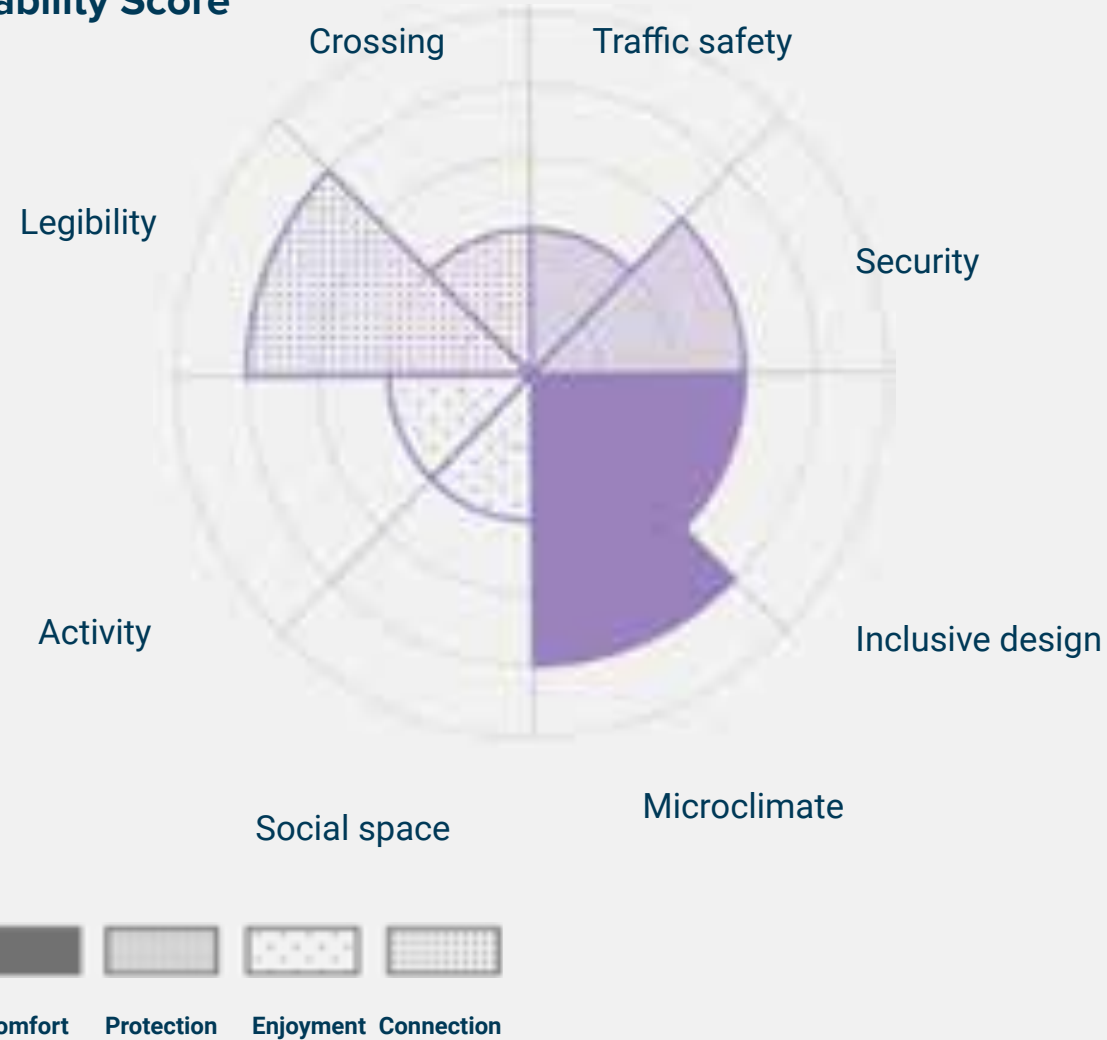
Walkability Score: Glen Waverley

Central car park & Coleman Parade



Walkability along Coleman Parade (between Springvale Road and Kingsway) is limited with lots of traffic and low activity levels, however there is a high legibility and some tree canopy

Walkability Score



Walkability at the edges of Coleman Parade is characterised by narrow footpaths and lots of objects blocking the footpaths



The high building forms a landmark and improves legibility in the area. This might change when more similar buildings are being developed

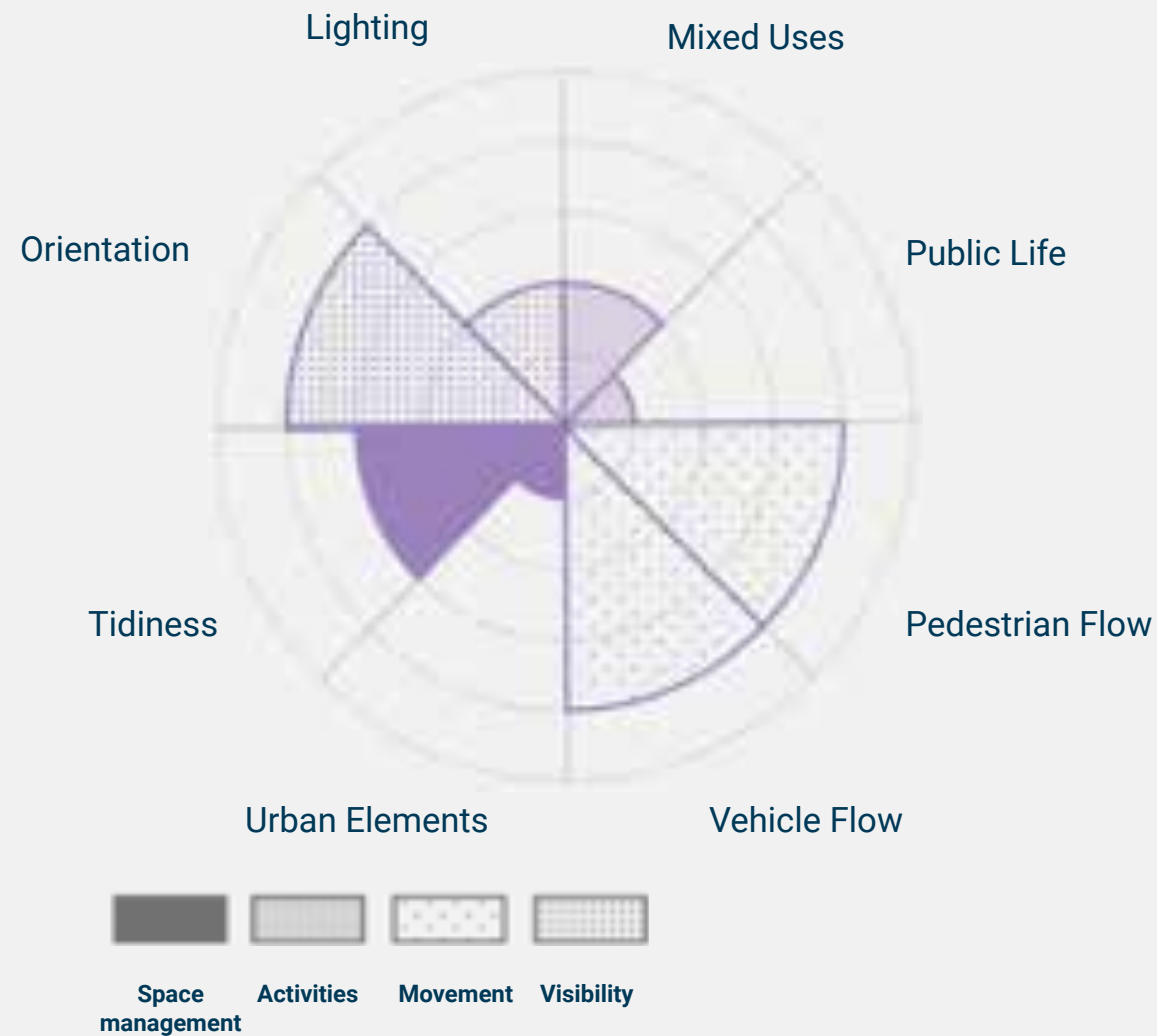


Very few options to cross, car-centric road design, no social spaces and lots of dead space at the edges of the car park

Safety Index: Glen Waverley

Central car park

Post publicing hours of surrounding amenities the car park gets devoid of people, only passing vehicles provide a sense of safety
Safety Index



Public Life: Glen Waverley

Central car park

Age Demographics

Who is using the central car park?

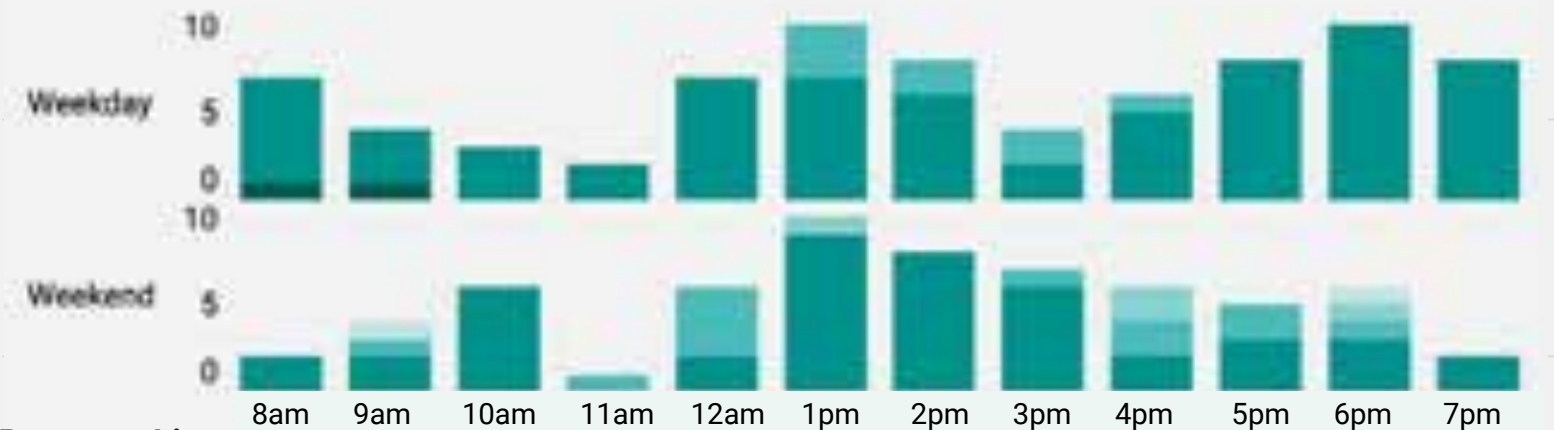
- The predominant age group using the space is between 25 - 64 years old, 80% of all users are within this age group
- There are almost no children and seniors using the space, indicating a lack of reasons to use the spaces as well as safety and spatial qualities
- The age group of users of the space and neighbouring residents do not correspond. Central car park does not invite the close neighbourhood to stay and use the space

140 observations

Weekday	77
Weekend	63

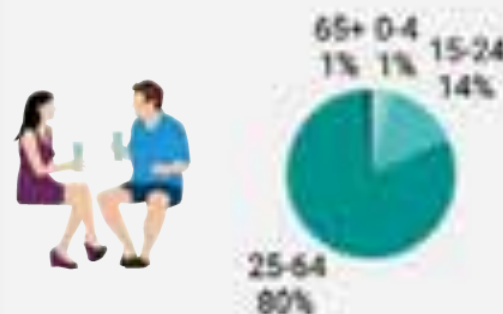


Stationary flow count



Demographics

Users



Neighbouring residents



Public Life: Glen Waverley

Central car park

Gender Demographics

Who is using the central car park?

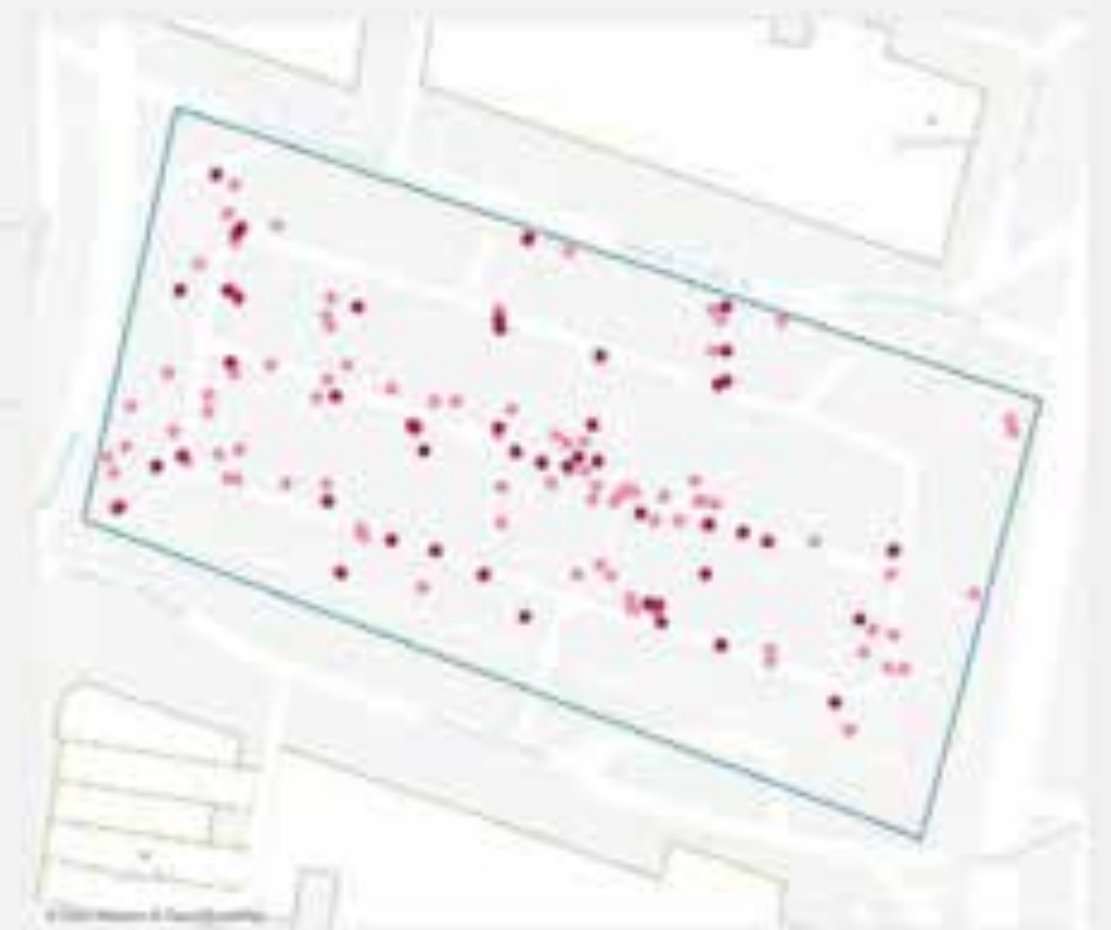
- The central car park is predominantly used by men
- Whereas all other studied spaces in Glen Waverley have a rather even gender split the central car park is the only male dominated space, indicating a lack of invitations to use the space but also safety concerns

Usage throughout the day:

- The usage on weekdays shows peaks in the morning (people arriving, leaving for work), during lunch and at dinner time
- On weekends the peak does not correspond with the high peak on Kingsway. There is a very low activity level on the central car park on weekend evenings which could indicate that users of Kingsway do not use the central car park as their main parking option or arrive by different modes

140 observations

Weekday	77
Weekend	63



Stationary flow count

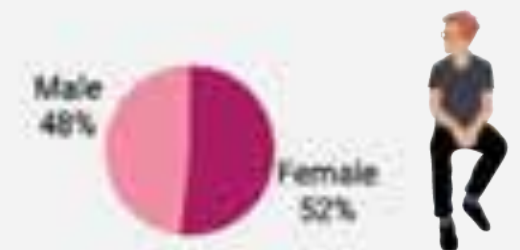


Demographics

Users



Neighbouring residents



Public Life: Glen Waverley

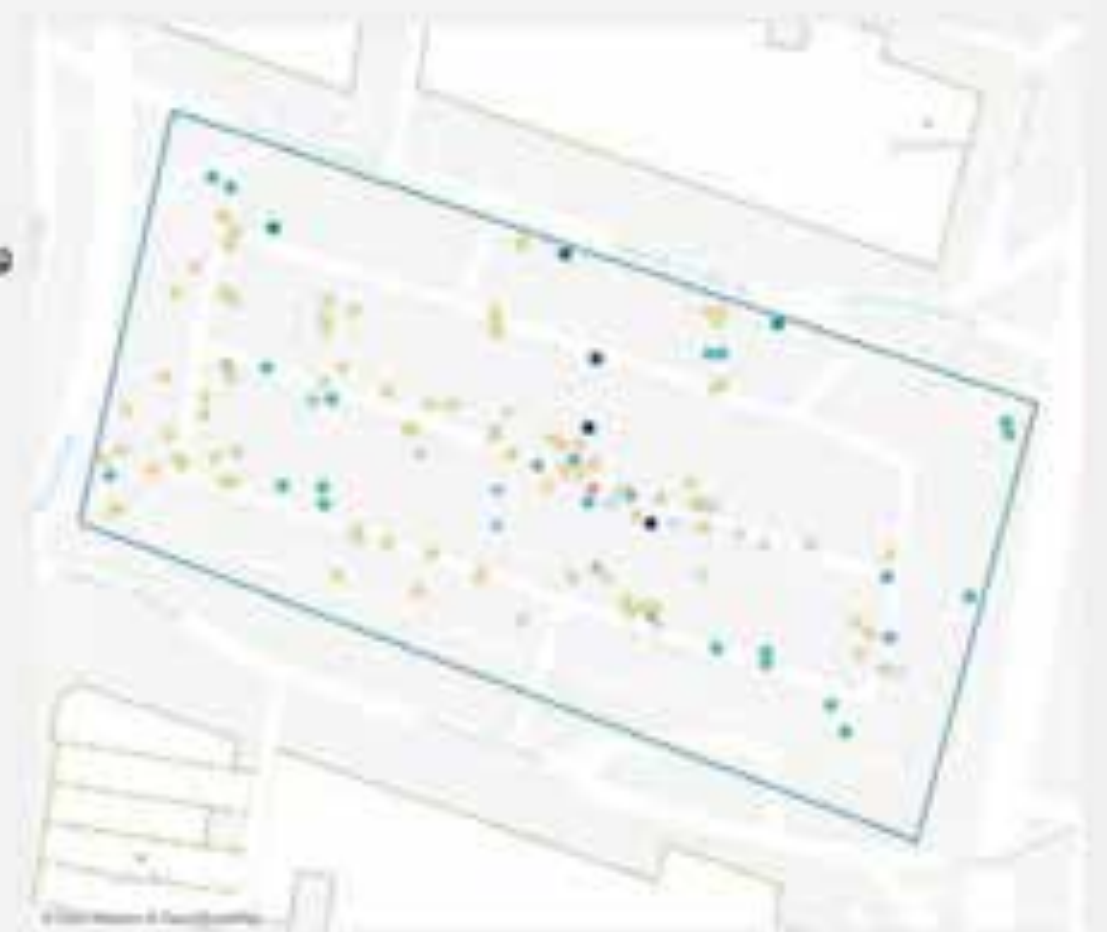
Central car park Activities

What are they doing?

- The central car park offers no other functions and therefore the activities are limited to a brief conversation when getting out of the car and walking to another destination
- The activities are all centered around the parking lot, there are almost no activities at the edges of the car park
- 96% of observed people are standing, indicating the usage is just of a short time interval. The central car park is an arrival space without any qualities and invitations to stay longer
- Considering the size and location, the central car park has a very low activity level with only 140 people observed in 12 hours
- There is a large potential in activating and diversifying the space further as well as improving the connections and programming of the space

140 observations

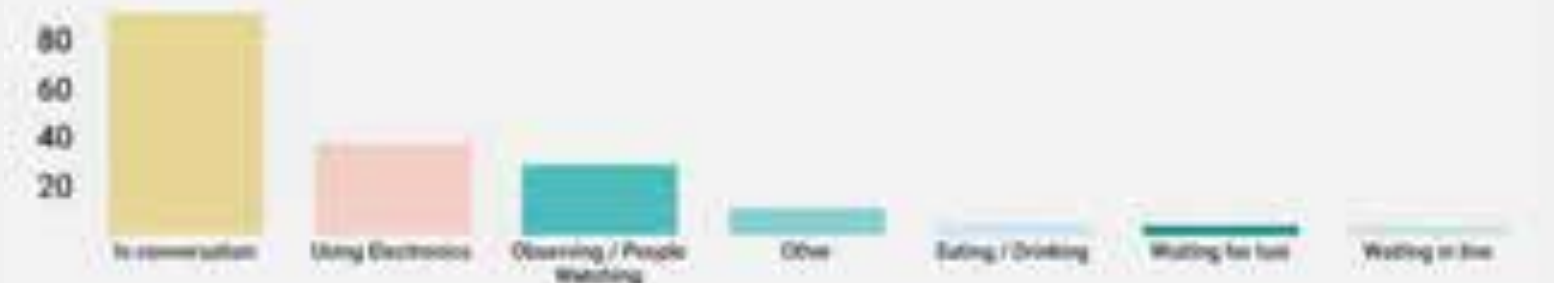
- In conversation
- Using Electronics
- Observing / People Watching
- Other
- Eating / Drinking
- Waiting for taxi
- Waiting in line



Stationary flow count



What are visitors doing?





Glen Waverley Station Forecourt

Public Space Qualities: Glen Waverley

Station Forecourt

A station forecourt wedged between a building and train tracks

- The station forecourt stretches between the terminal station Glen Waverley and a ten-storey mix-used building connecting the train station with the bus terminal and Coleman Parade
- The station forecourt scores low at opportunities for play and at aesthetics

Public Space Qualities



Public Life: Glen Waverley

Station Forecourt Age Demographics

Who is using the station forecourt?

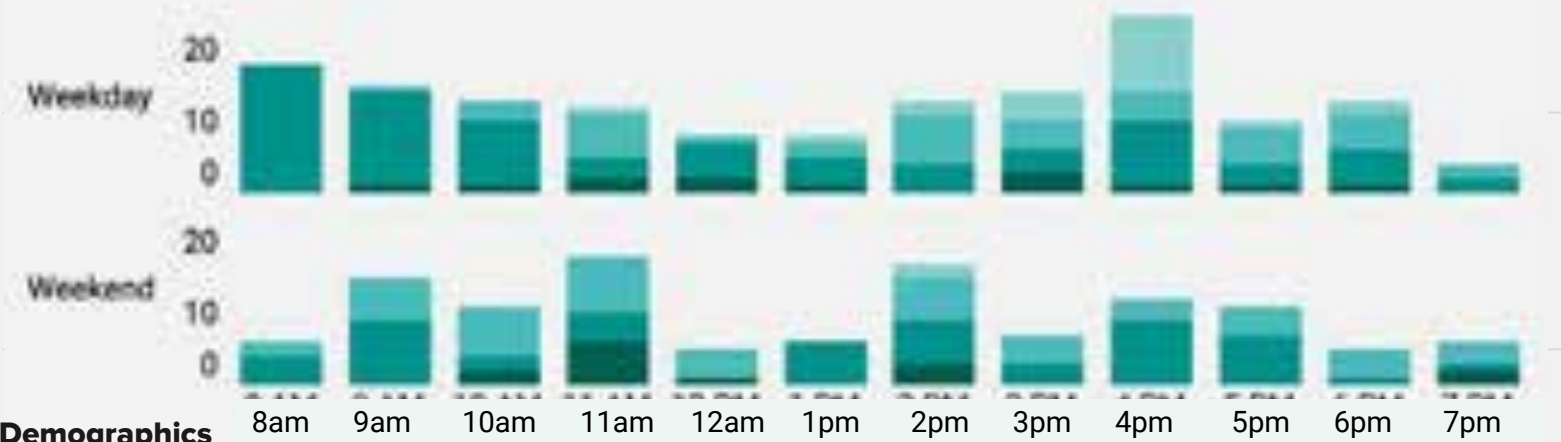
- The forecourt at Glen Waverley station is used by all age groups with a large share of teenagers and young adults
- 1/3 of users are teenagers or young adults which is not corresponding with the closest resident demographics, indicating that young people tend to use public transport more frequently

272 observations

Weekday	153
Weekend	119



Stationary flow count



Demographics

Users



Neighbouring residents



Public Life: Glen Waverley

Station Forecourt

Gender Demographics

Who is using the station forecourt?

- The station forecourt is used a little bit more by men than women, not corresponding to gender split in the neighbourhood

Usage throughout the day:

- There is a higher usage on weekdays compared with weekends indicating that transit usage is connected with commuting to work or school
- The peak during weekdays is in the early morning and afternoon
- During weekends the peaks are in the late morning and early afternoon

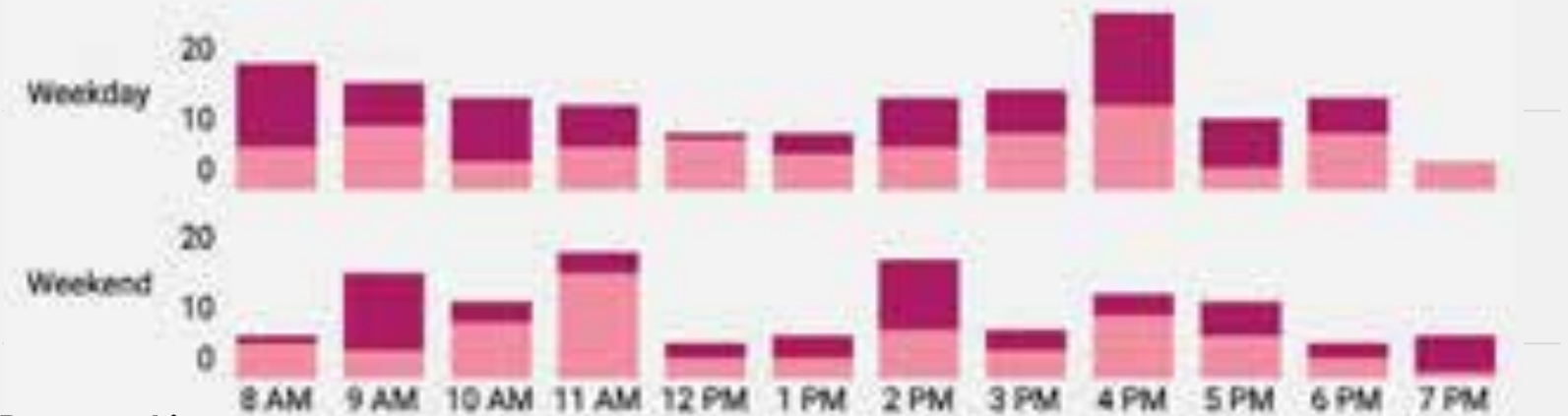
272 observations

Weekday	153
Weekend	119

Female
Male

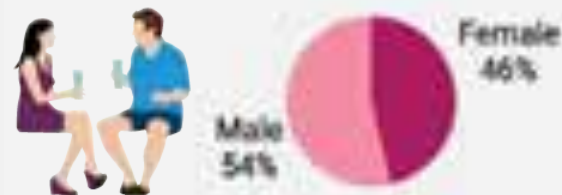


Stationary flow count



Demographics

Users



Neighbouring residents




Public Life: Glen Waverley

Station Forecourt Activities

What are they doing?

- The main activity when staying at the station forecourt is waiting for public transport and engaging in related activities like using electronics to check departures or looking for directions or observing people while waiting for a train
- Considering the size and compared to other station forecourts that were studied (i.e Clayton Station) there is a larger diversity of activities around Glen Waverley station
- Amenities such as restaurants and small shops at ground floor level activate the public space in front, however there is room for improving the spatial quality and the offer in general

Compare to station forecourt in Clayton? (page 236)

Click here 

272 observations

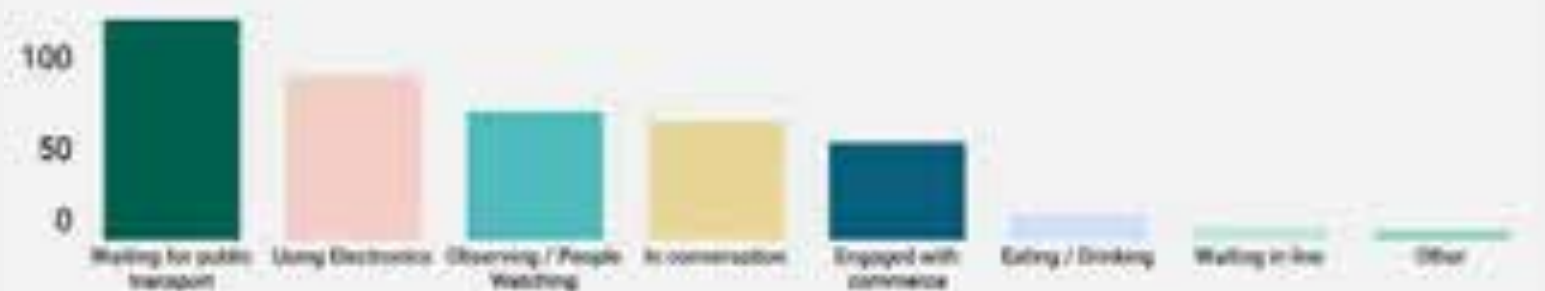
- Waiting for public transport
- Using Electronics
- Observing / People Watching
- In conversation
- Engaged with commerce
- Eating / Drinking
- Waiting in line
- Other



Stationary flow count



What are visitors doing?



Public Life: Glen Waverley

Station Forecourt Activities

Even distribution of public life along the forecourt

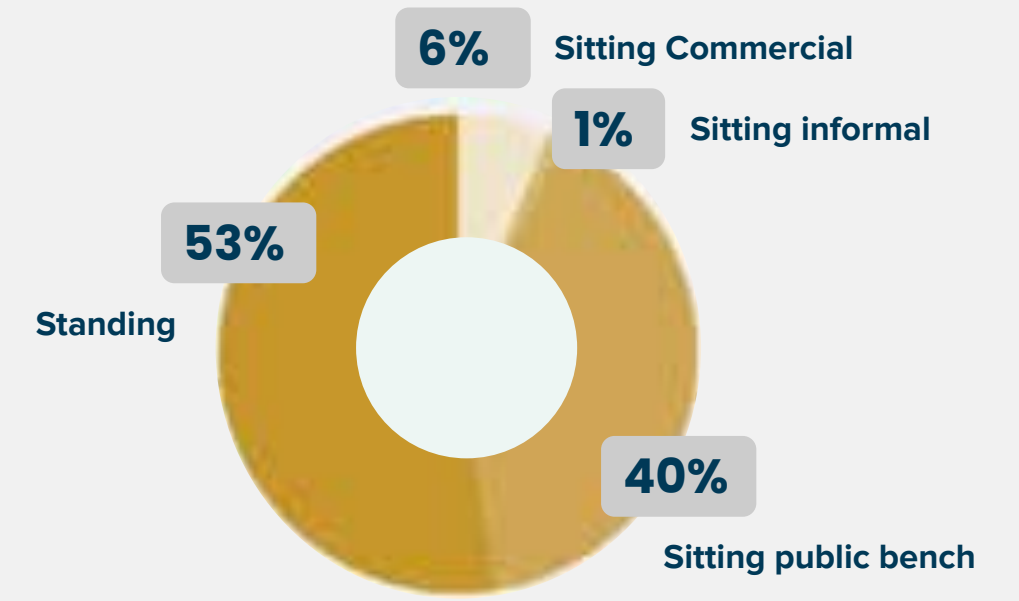
- Although all bus interchanges are in the northern part of the forecourt the usage of the forecourt is evenly distributed between north and south
- There is more activity at the edges of the forecourt where the space public up to the road and is less narrow

High share of seating on public benches

- 40% of people staying in the area use public seating options, which is a high share and indicating that there is a good amount of seating options available

Count chart

272
observations



Hot Spots



A street scene in Glen Waverley, Australia. The image shows a multi-lane road with several cars parked along the side. In the foreground, a white Mazda hatchback is prominent. To the right, a paved sidewalk runs alongside the road, with a person walking in the distance. In the background, a tall, modern apartment building with a curved facade and many windows stands out against a slightly overcast sky. Utility poles and power lines are visible on the right side of the road. The overall scene depicts a typical urban environment.

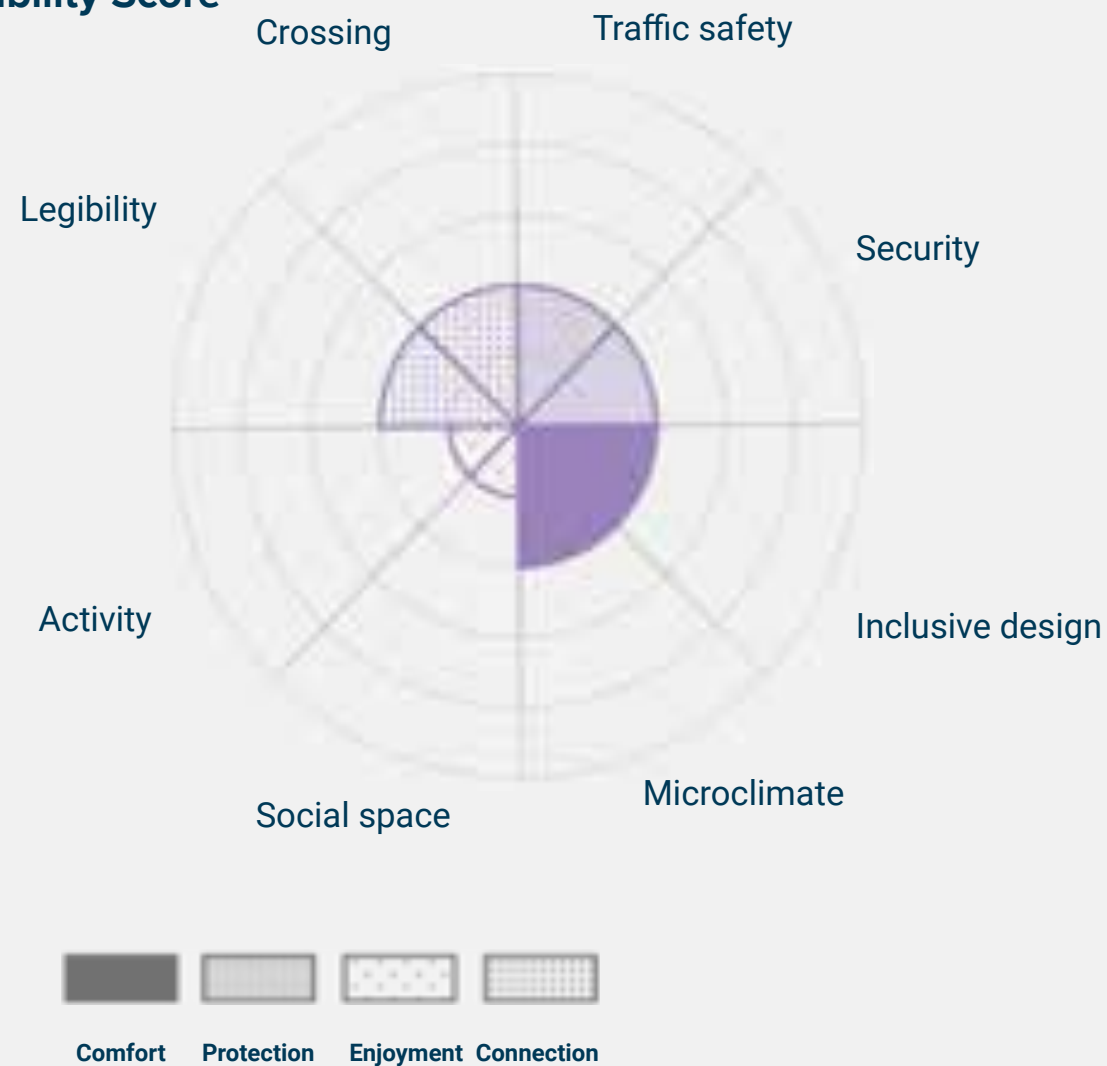
Glen Waverley Springvale Road

Walkability Score: Glen Waverley

Springvale Road

A car-centric six lane road with no space for bicycle riders and an unfriendly environment for pedestrians

Walkability Score



Springvale Road runs parallel to Kingsway and connects The Glen and Coleman Parade with the Central Reserve



Crossing times are short with a small and unprotected refuge island in the centre of the road



Along Springvale Road is no dedicated bicycle infrastructure yet high car traffic speeds and volumes



Obstacles and vehicles block the little space that is given to pedestrians

The car-centric design of the street is also shown in the traffic counts. 98% of traffic on the road are cars

Traffic counts on Springvale Road





Glen Waverley Central Reserve

Public Life: Glen Waverley

Central Reserve

Movement Counts

- The Central Reserve is the largest public space of Glen Waverley, it offers recreational spaces including a skate park, BBQ facilities, pavilions, toilets, cricket nets, and a playground with swings, slide, maze and other climbing and play equipment
- Both movement counts at the northern entrance as well as stationary counts in the northern part of the Reserve were conducted

Who is moving along the northern Central Reserve entrance?

- The northern entrance to the Central Reserve has very low movement counts considering the relatively high stationary activity counts in the same time frame (see location of movement count on this map [here](#))
- Only 384 people pass the location throughout the day, suggesting that there are more attractive ways and modes to access Central Reserve
- The people that do use the entrance are younger and more female than the people staying in the Central Reserve

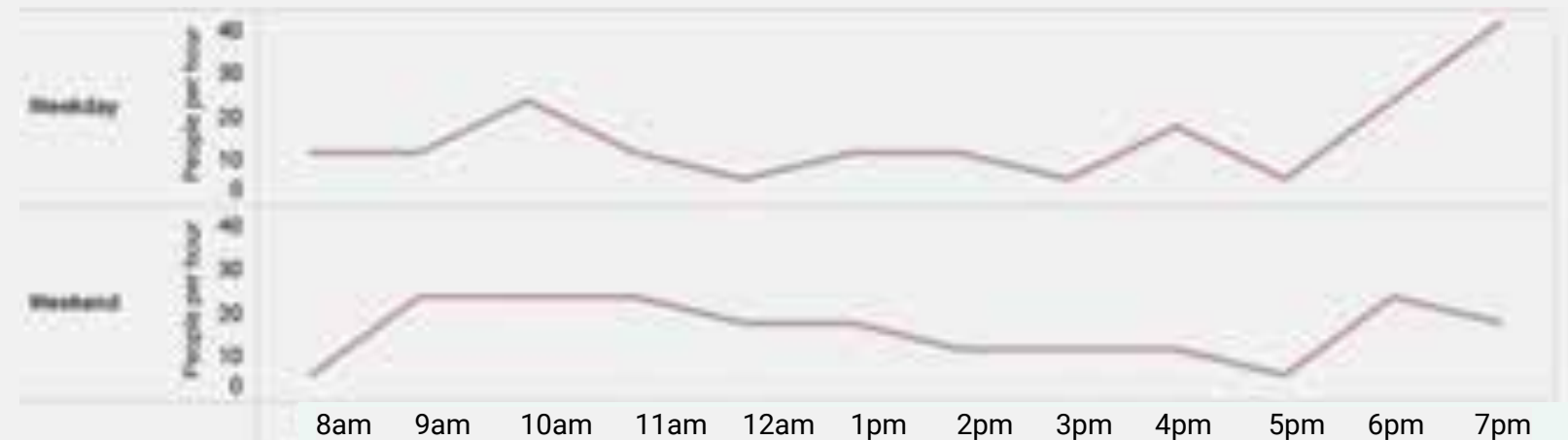
Count overview

384 counts

588 stationary observations

More people are being observed staying in Central Reserve than using the northern entrance, indicating that there are other more attractive ways and modes to access Central Reserve

Movement flow count



Demographics of people moving

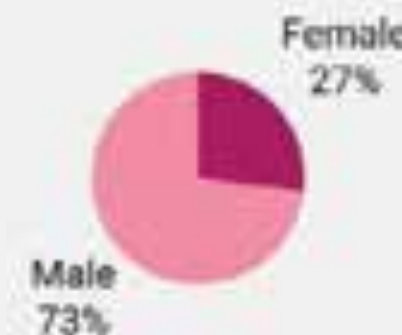
Gender



Age:



Demographics of people staying



Public Life: Glen Waverley

Central Reserve

Age Demographics

Who is using Central Reserve?

- Central Reserve has a rather young usage group, 1/3 of the users are below 25 years old
- There are no seniors using the site, which does not correspond to the neighbouring residents demographics

Usage throughout the day:

- Weekends are more than twice as busy as weekdays
- There is very little usage during weekday mornings and middays (usually the peak time for seniors using public spaces)

588 observations

Weekday	172
Weekend	416



Stationary flow count



Demographics

Users



Neighbouring residents



Public Life: Glen Waverley

Central Reserve

Gender Demographics

Who is using Central Reserve?

- Central Reserve is predominantly used by men, 73% of users are male which is not corresponding with the gender split of the neighbouring residents
- Women using the space can only be seen around the playground taking care of children or in the northern part observing and watching practice or games
- Existing infrastructure and activity options of the Central Reserve seem to not invite women and girls to actively use the space

Compare to Box Hill Gardens in Box Hill? (page 49)

Click here

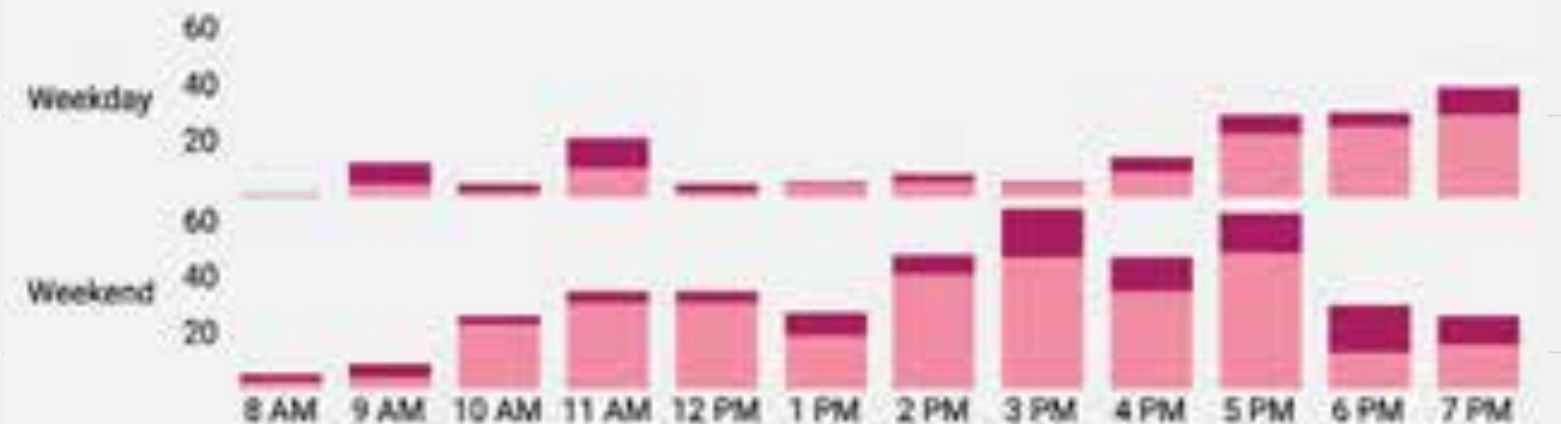


588 observations

Weekday	172
Weekend	416

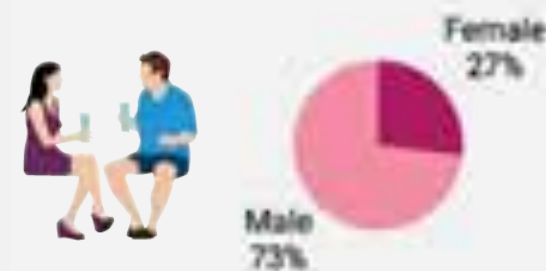


Stationary flow count

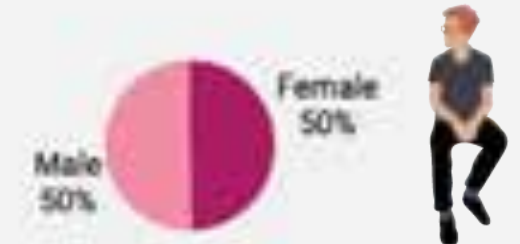


Demographics

Users



Neighbouring residents



Public Life: Glen Waverley

Central Reserve Activities

What are they doing?

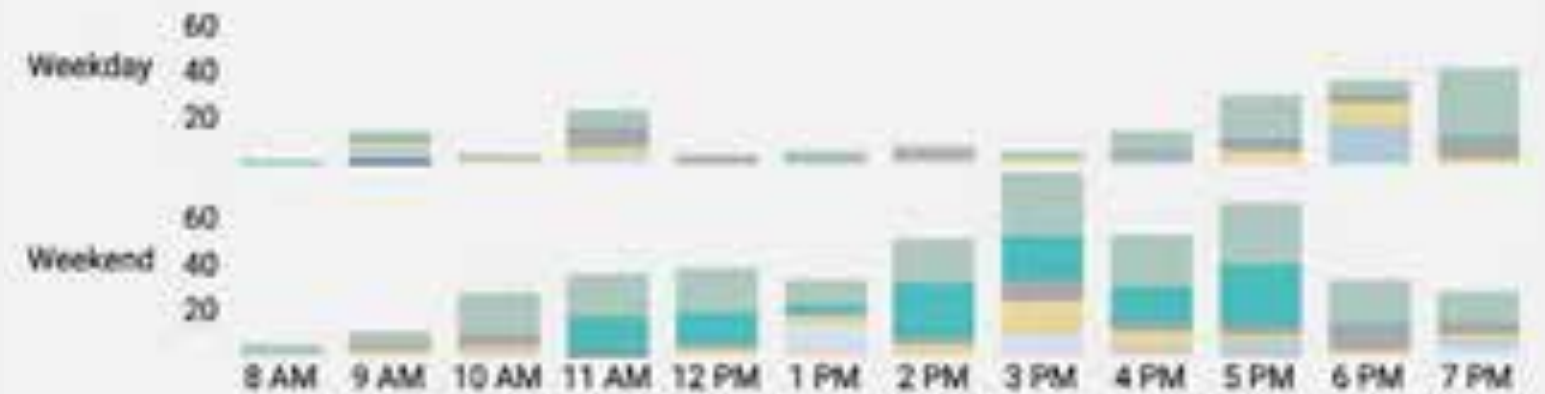
- Central Reserve is a Football oval with cricket nets and a playground in the south-east corner, therefore the activities observed are dominated by these functions
- Compared to similar reserves like the Meade Reserve in Clayton there is almost twice the activity level at the Central Reserve, however there is still a large potential in diversifying the activities and attracting other user groups in particular seniors and women

588 observations

- Play
- Observing / People Watching
- Taking care of child/children
- In conversation
- Exercise
- Eating / Drinking
- Using Electronics



Stationary flow count



What are visitors doing?



Public Life: Glen Waverley

Central Reserve

Other Findings

Lots of options to sit:

- The majority of people using the Reserve are sitting down with a high share of 37% of informal sitting, but also 20% of sitting on public benches.
- Compared to the similar Meade Reserve in Clayton (here only 8% of users sit down) the Central Reserve enjoys more options to sit and people are using them frequently

Lots of informal seating in the centre of the oval:

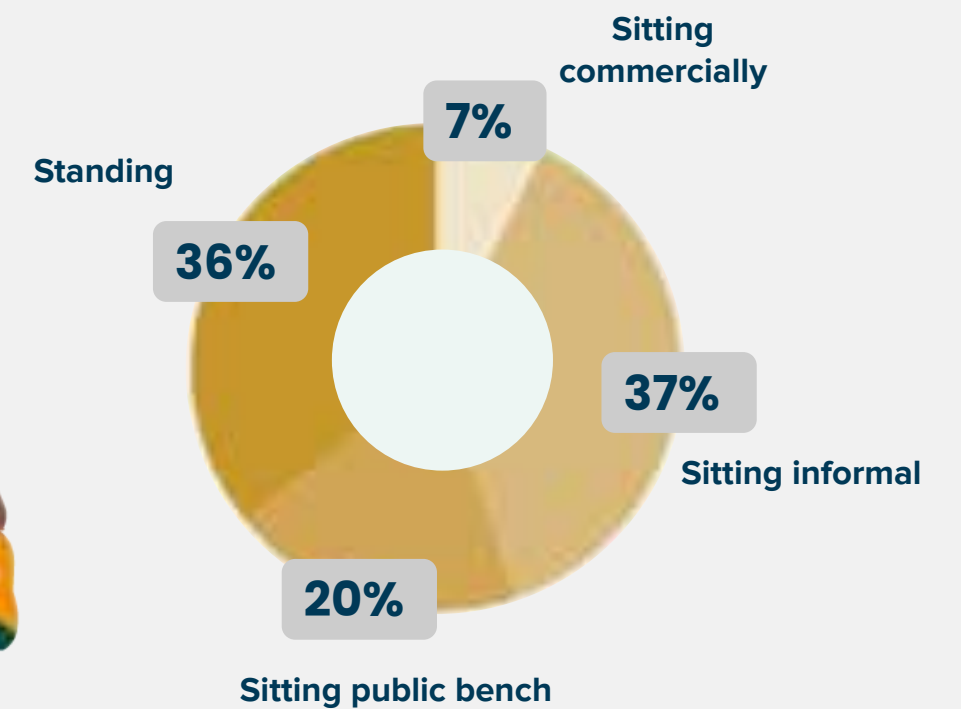
- The high number of informal sitting in the centre of the oval shows that the Football oval is also used for more recreational activities and not just practice and games
- These are the first signs of diversification of usage patterns of a rather monofunctional public space

Underutilised northeastern corner

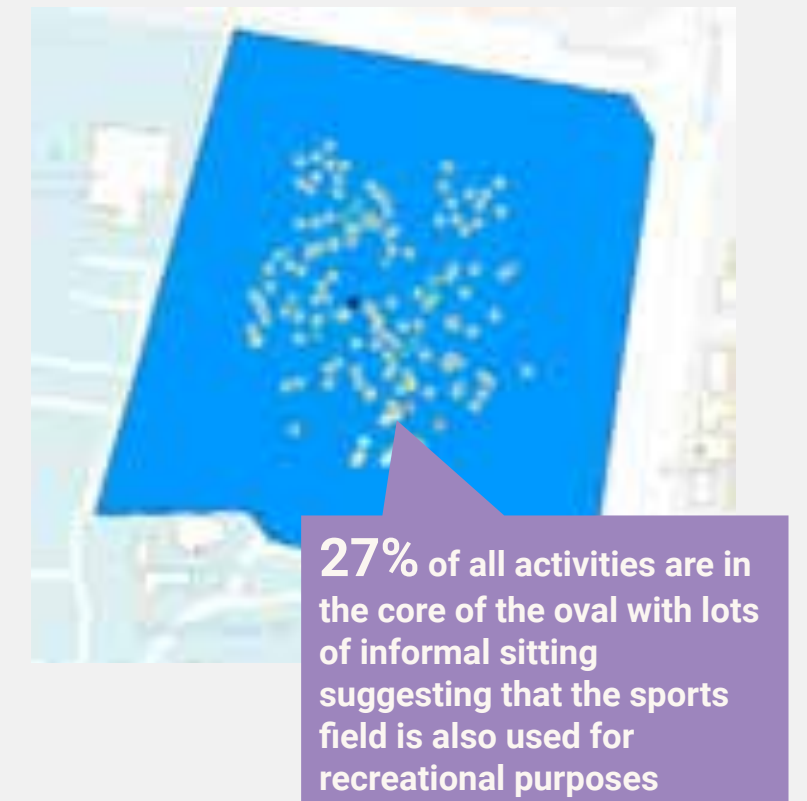
- The northeastern corner of the Central Reserve is heavily underutilised, presumably due to heavy traffic and missing invitations to use the space in any way

Count chart

588 observations



Hot Spots





Glen Waverley Bogong Reserve

Public Life: Glen Waverley

Bogong Reserve

Age Demographics

- Bogong Reserve is a spacious recreational reserve in a bushland setting, with a wetlands area
- It is the closest public green space to the center of Glen Waverley and offers a playground with a slide, swings and a dog off-leash area

Who is using Bogong Reserve?

- Bogong Reserve has a very low activity level with very little stationary activity
- 34% of the neighbouring residents are older than 65, however the Reserve is used mostly by families with children and young people
- The Reserve seems to not be offering the relevant infrastructure and invitations for the neighbouring residents who are predominantly the older age groups

55 observations

Weekday	27
Weekend	28

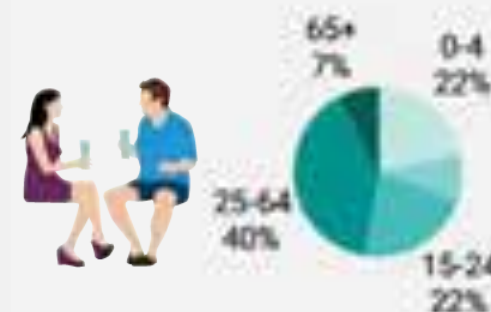


Stationary flow count



Demographics

Users



Neighbouring residents



Public Life: Glen Waverley

Bogong Reserve

Gender Demographics

Who is using Bogong Reserve?

- There are more men using the space which is not corresponding with the gender split of the surrounding residents
- The park seems to miss infrastructure and/or safety measures that invite women (in particular in higher age groups) to spend time in this public space

Usage throughout the day:

- Both weekdays and weekends have very low levels of stationary activity
- There is very little usage during weekday and weekend mornings (usually the peak time for seniors using public spaces)

55 observations

Weekday	27
Weekend	28



Stationary flow count



Demographics

Users



Neighbouring residents



Public Life: Glen Waverley

Bogong Reserve

Activities

What are they doing?

- Low diversity of activities
- The stationary activities are clustered around the playground area
- The edges of the Reserve are not used for any stationary activities and seem to have more of a function for climate and biodiversity
- There are no invitations to sit and stay at the edges of the Reserve
- Considering the size and potential of the Reserve there should be many more invitations to stay and use the Reserve

Compare to Sir William Fry Reserve in Cheltenham? (page 279)

Click here 

55 observations

- Play
- Taking care of child/children
- Observing / People Watching
- In conversation



Stationary flow count



What are visitors doing?



Public Life: Glen Waverley

Bogong Reserve

Other Findings

No seating options:

- 84% of users are standing, 11% are sitting informally and only 5% are sitting on public benches which indicate a lack of proper seating options

Limited accessibility and legibility:

- The accessibility and legibility for pedestrians and bicyclists is very limited and uninviting
- Coming from Kingsway (600m walking distance) there are no footpaths leading into the Reserve

Very low activity level:

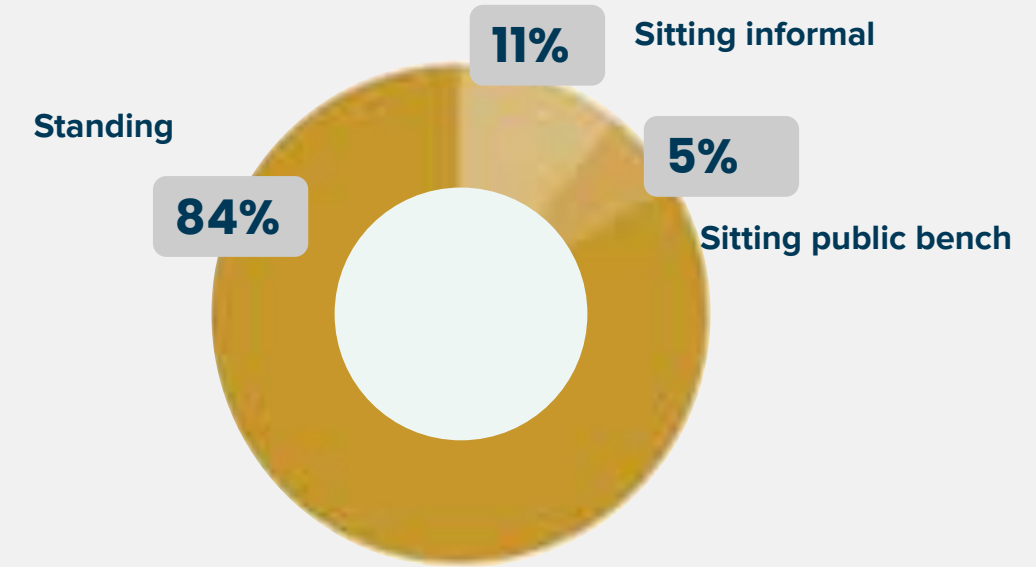
- Considering the size and centrality of the Reserve the activity level is very low

Under-utilised edged of the park

- The edges of the park are underutilised, 90% of the activity is happening in 15% of the area of the Reserve

Count chart

55 observations



Hot Spots

