

GLEN EIRA CITY COUNCIL

ACTIVITY CENTRES SNAPSHOT

FEBRUARY 2017



INTRODUCTION

The *Activity Centres Snapshot* has been produced to compare the liveability of Glen Eira’s activity centres.

It measures aspects such as the population, types of land use, accessibility and urban structure of the area. This tool will act as a baseline for our upcoming activity centre planning and can be used to demonstrate change over time.

The *Activity Centres Snapshot* is based on similar studies carried out by Melbourne City Council (*Places for People and Local Liveability 2015 Study*), which aim to provide a more comprehensive understanding of how the city performs for everyday people. The studies take an integrated approach to analysing the attractiveness of the city at a local scale. Glen Eira City Council hopes to use this approach to assess Glen Eira’s activity centres and provide future recommendations to improve the areas.

All data used in this document is current (February 2017) except for residential and employment population data, which is taken from the *Census* carried out by the Australian Bureau of Statistics in 2011. A snapshot will be taken again once the 2016 Census data becomes available, and will then continue to be updated over time.

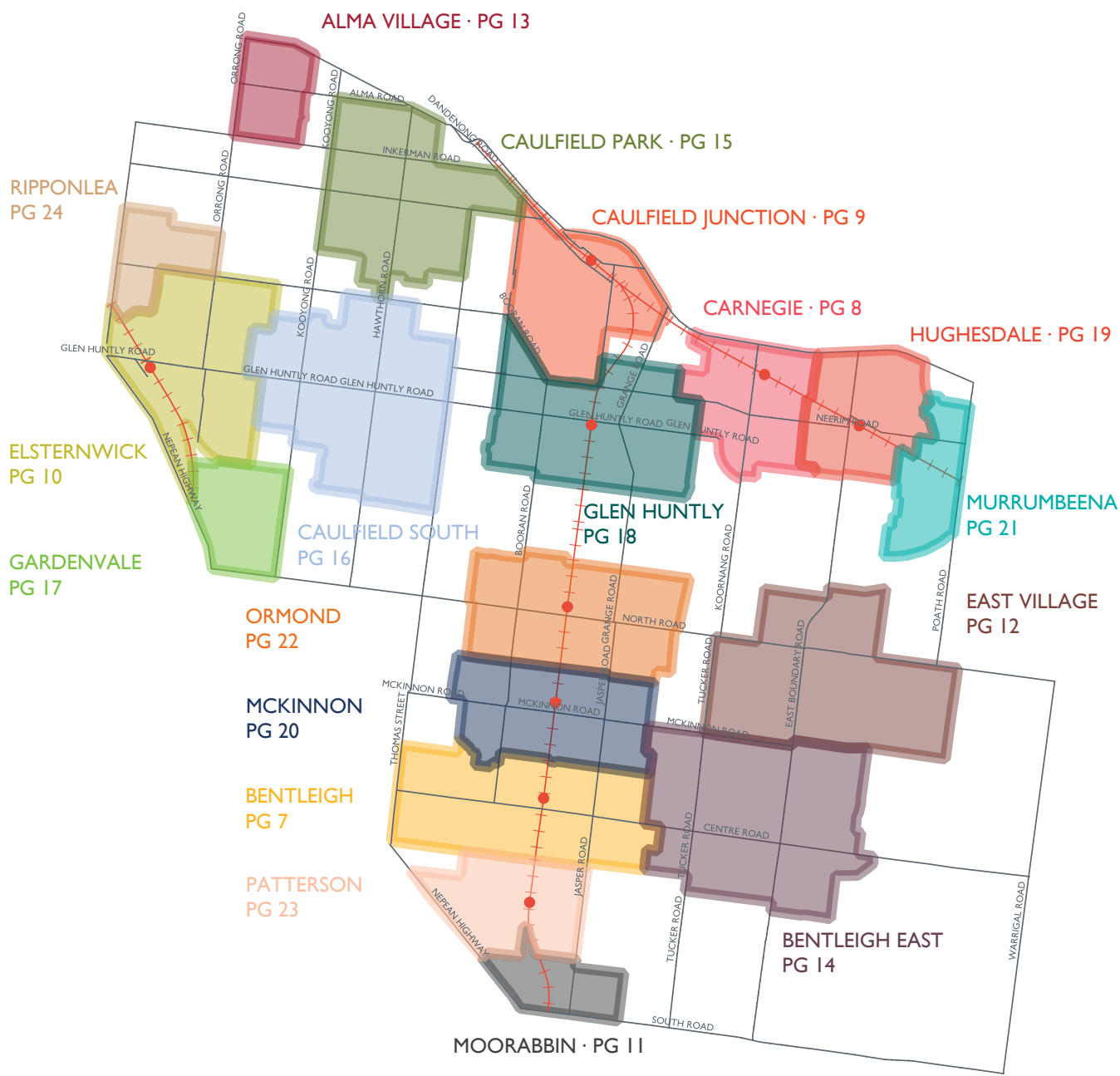
The majority of the calculations are made using Council’s Geographic Information System (GIS) which stores data for the municipality in a digital mapping system. A number of indicators, or comparative

measurements, have been used to demonstrate how accessible our activity centres are and how varied the land uses are for local residents.

The *Activity Centres Snapshot* makes the assumption that highly walkable places with more varied land uses are more attractive places to live. The snapshot also highlights the strengths and the areas of improvement for each activity centre.

Council, with the help of the community, is in the process of setting a vision and key objectives for each of its activity centres. We hope to use these objectives to strengthen our existing activity centres and create high-quality, attractive places for our community to live, work and recreate.

Disclaimer: this document is provided for information purposes and does not claim to be complete. Although due diligence has been applied to ensure that all information contained in this document is accurate, it cannot be guaranteed that this document is without errors or omissions.



COMPARATIVE MEASUREMENTS

The following measurements have been calculated in order to form a comparison of the 18 activity centres in Glen Eira. Each activity centre has a defined study area from which data has been collated.

The boundary of the study area is based on an approximate 800 metre radius from the edge of the central shopping strip, which is then extended to the nearest main road.

POPULATION (BASED ON 2011 CENSUS DATA)

Residential population

The number of people living in the study area.

Residential gross density (people/hectare)

The number of people per hectare living in the study area. This measurement gives an indication of the spatial distribution of the residents in the study area in order to make comparisons between study areas.

Residential net density (people/hectare)

The number of people per hectare living in the study area. This measurement is calculated excluding the area that makes up the roads and streets within the study area.

Employee population

The number of people working in each study area.

Employment gross density (people/hectare)

The number of people per hectare working in the study area. This measurement gives a spatial distribution of the people employed in the study area in order to make comparisons between study areas.

Employment net density (people/hectare)

The number of people per hectare working in the study area, though this measurement is calculated excluding the area that makes up the roads and streets within the study area.

Total population

The total number of people living and working in the study area.

URBAN STRUCTURE

Gross catchment area (hectares)

The total area of the study area including roads and streets.

Net catchment area (hectares)

The total area of the study area excluding roads and streets.

Number of blocks

The total number of blocks within the study area. Blocks were considered to be areas of land completely surrounded by a street. This measurement indicates the spatial scale of the study area.

Average length of blocks (metres)

The average length of a block is based on measuring two sides of a four sided block. The measurement was calculated as an average based on a standard grid pattern and gives an indication of the walkability of the study area.

Number of intersections

The number of intersections also gives an indication as to the walkability of the study area. This measurement was calculated using Council's Geographic Information System (GIS).

Number of land parcels

The number of land parcels can indicate the scale of built form and patterns of land use of a study area. Study areas with many land parcels can accommodate a higher number of land uses which allows a better mix of essential and non-essential land uses. Additionally, a high number of land parcels in a study area may indicate a lower scale building pattern as building footprints are limited. This measurement was calculated using Council's GIS.

Size of land parcels

The size of land parcels also gives a greater understanding of the scale of built form and land use patterns of the study area.

- > Small: 0–299 square metres
- > Medium: 300–649 square metres
- > Large: 650–1,199 square metres
- > Extra large: 1,200–4,999 square metres
- > Extra extra large: 5,000–9,999 square metres
- > Super: more than 10,000 square metres

LAND USE

The land uses were determined using Council's internal database and does not include residential land within the study areas. The land uses were determined based on the *Valuation Best Practice Specification Guidelines 2016*. Land uses within each category were defined as essential or non-essential.

Number of essential land uses

The number of essential land uses within the study area.

Number of residents per essential land use

The number of residents per essential land use within the study area.

Number of essential and total land uses

All land uses within the study area.

Essential uses/total uses (%)

The number of essential land uses as a percentage of all land uses within the study area.

LOCAL MOVEMENT

In general, study areas that have higher numbers of public transport stations and routes are considered to be more accessible.

Number of train stations

The number of train stations within the study area. For study areas that adjoin another municipality, consideration is given to the proximity of nearby train stations. These are denoted as 0*. This measurement was calculated using Council's GIS.

Number of tram stops

The number of tram stops within the study area. This measurement was calculated using Council's GIS.

Number of tram routes

The number of tram routes within the study area. This measurement was calculated using Council's GIS.

Number of bus stops

The number of bus stops within the study area. This measurement was calculated using Council's GIS.

Number of bus routes

The number of bus routes within the study area. This measurement was calculated using Council's GIS.

Total length of bike paths

The total length of bike paths within the study area. This measurement was calculated using Council's GIS.



Bentleigh
Carnegie
Gaulfield Junction**
Moorabbin
East Village
Alma Village
Bentleigh East
Gaulfield Park
Gaulfield South
Gardenvale
Glen Huntly
Hughesdale
Mckinnon
Murrumbeena
Ormond
Patterson
Ripponlea

POPULATION†		5468	4032	783	5314	1353	5633	1961	6546	5710	7090	2181	7254	1944	4215	3541	5993	2526	1875
Residential population																			
Residential gross density (people/hectare)		32	43	7	34	30	27	42	29	35	33	35	45	34	34	38	40	29	39
Residential net density (people/hectare)		39	56	7	45	38	34	56	36	43	42	46	58	44	43	46	50	37	48
Employee population		1360	677	1124	2321	358	1276	441	1565	1560	2350	918	1274	237	983	502	1091	684	532
Employment gross density (people/hectare)		8	7	9	15	8	6	9	7	9	11	15	8	4	8	5	7	8	11
Employment net density (people/hectare)		10	9	10	20	10	8	12	9	12	14	19	10	5	10	7	9	10	14
Total population		6828	4709	1907	7635	1711	6909	2402	8111	7270	9440	3099	8528	2181	5198	4043	7084	3210	2407

URBAN STRUCTURE		171.31	93.25	118.51	154.79	45.09	205.17	46.66	227.09	164.51	215.49	61.46	160.44	57.07	123.8	94.41	151.56	86.51	48.16
Gross catchment area (ha)																			
Net catchment area (ha)		140.04	72.45	110.43	117.98	35.26	165.74	35.31	180.47	133.95	169.02	47.22	125.88	44.38	98.26	76.21	119.14	67.90	39.01
Number of blocks		59	43	17	85	22	65	22	86	64	90	21	76	21	57	34	48	29	11
Average length of blocks (m)		359.79	329.02	440.82	288.24	295.70	349.45	314.89	324.20	348.18	327.77	337.12	300.19	357.07	308.71	363.34	393.72	381.00	541.45
Number of intersections		108	50	41	124	29	122	43	176	97	138	42	118	32	84	60	104	48	38
Number of land parcels		2205	1236	274	1618	645	2437	596	2955	1772	2902	782	2259	703	1736	1137	2012	1084	476

LAND USE		355	286	81	390	61	102	32	214	224	350	57	168	35	121	100	175	80	14
Number of essential land uses																			
Number of residents per essential land use		15	14	10	14	22	55	61	31	25	20	38	43	56	35	35	34	32	134
Number of essential and total land uses		377	319	109	427	68	154	35	246	240	388	69	190	39	131	126	191	98	18
Essential uses/total uses (%)		94	90	74	91	90	66	91	87	93	90	83	88	90	92	79	92	82	78

LOCAL MOVEMENT		1	1	1	1	0*	0	0	0	0	0	0*	1	0*	1	1	1	1	0*
Number of train stations																			
Number of tram stops		0	7	11	10	0	0	4	0	28	28	0	18	0	0	0	0	0	0
Number of tram routes		0	1	1	1	0	0	2	0	3	2	0	1	0	0	0	0	0	0
Number of bus stops		19	21	15	33	7	44	8	28	15	25	24	15	11	15	24	27	6	15
Number of bus routes		3	5	4	9	4	6	2	5	3	3	8	2	3	1	6	3	2	4
Length of bike routes (km)		10.23	11.98	14.49	8.36	8.59	18.28	15.01	15.92	13.72	12.75	8.85	8.36	3.19	11.82	13.69	9.49	7.28	6.01

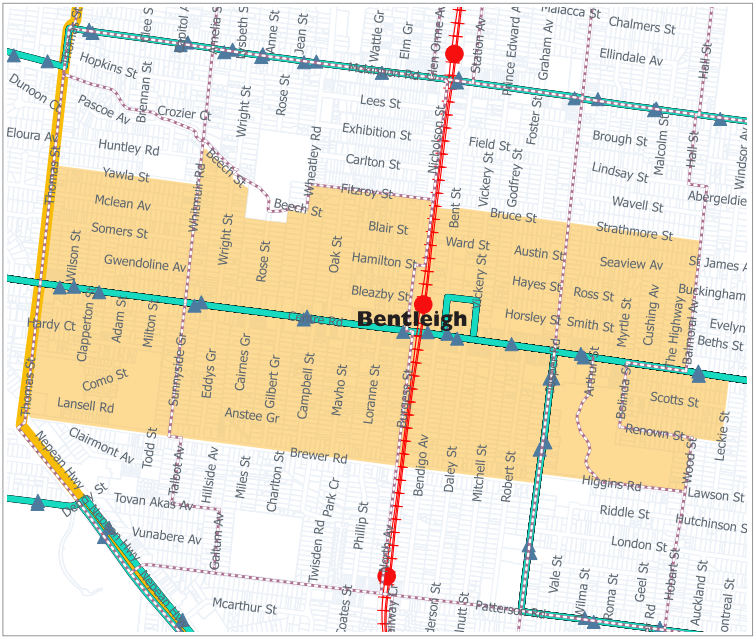
*Train station present in portion of activity centre located within adjoining municipality.

**Data may be skewed due to inclusion of Caulfield Racecourse, which has a large land area.

†Population and employment data is based on 2011 ABS Census data.

BENTLEIGH

LOCAL MOVEMENT

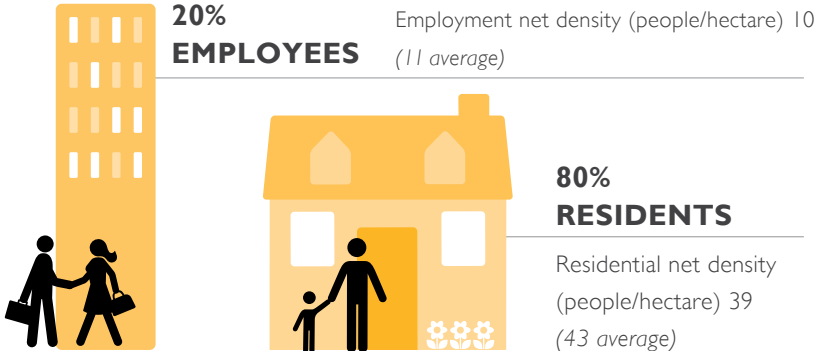


LEGEND

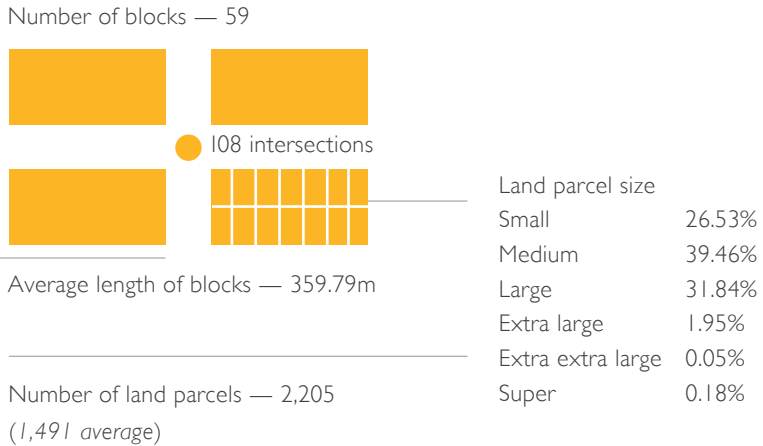
- Bicycle routes
- Tram stop
- Tram lines
- Train stations
- Train lines
- Bus stops
- Bus routes
- Study area
- Glen Eira boundary

- 10.23km of bike routes
- 0 tram routes
0 tram stops
- 1 train stop
- 3 bus routes
19 bus stops

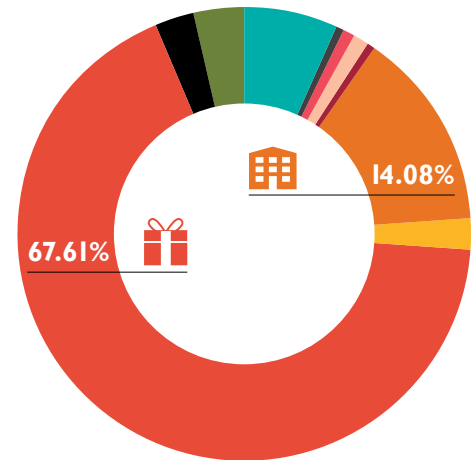
POPULATION† 6,828 people (5,148 average)



URBAN STRUCTURE 171.3ha gross catchment area (123.62ha average)



LAND USE

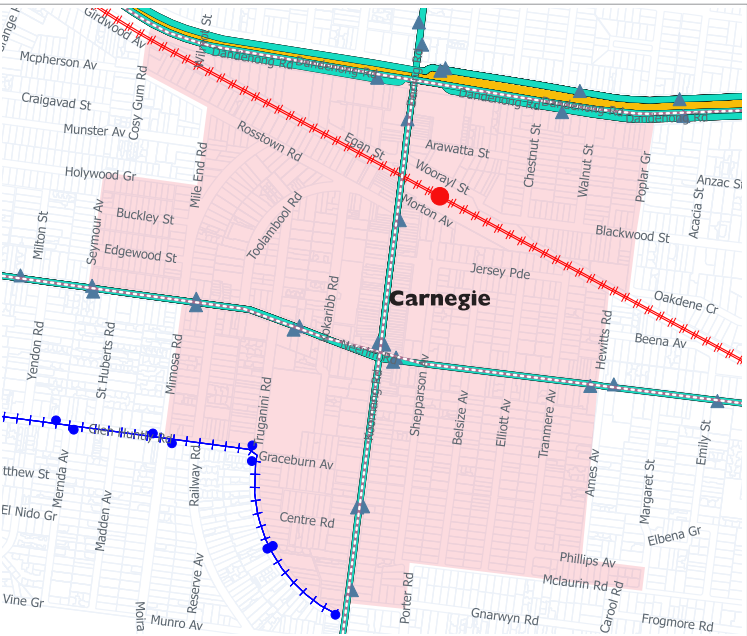


Retail	67.61%
Office	14.08%
Commercial	6.76%
Community service, sporting clubrooms and halls	3.38%
Sport, heritage and culture	2.82%
Religious	2.25%
Hospitality	1.13%
Health	0.85%
Education and research	0.56%
Infrastructure and utilities (industrial)	0.56%
Number of essential land uses — 355	
Number of residents per essential land use — 15	

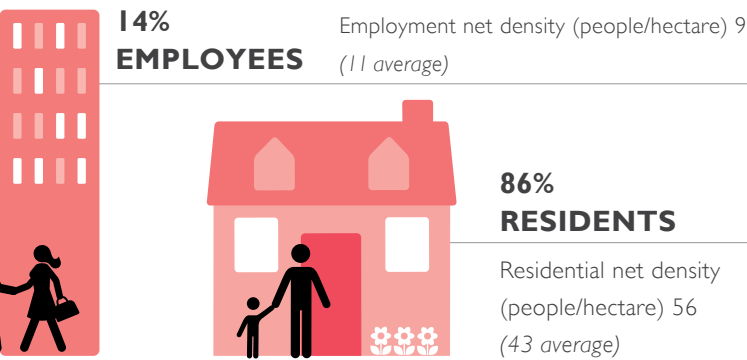
†Population and employment data is based on 2011 ABS Census data.

CARNEGIE

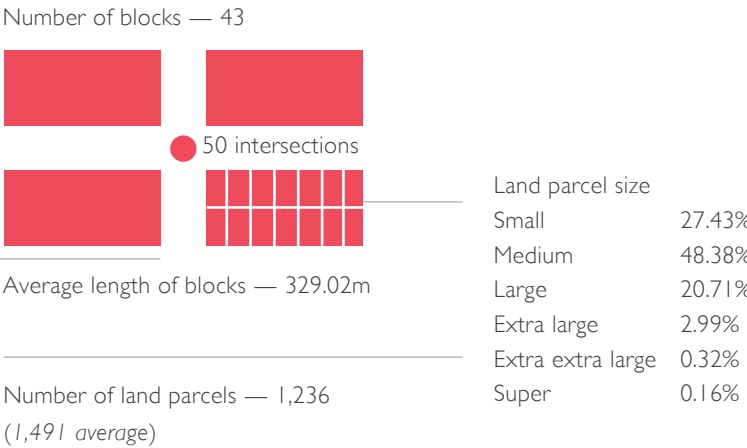
LOCAL MOVEMENT



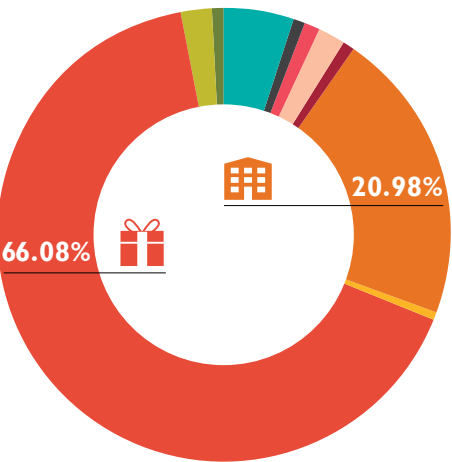
POPULATION† 4,709 people (5,148 average)



URBAN STRUCTURE 93.25ha gross catchment area (123.62ha average)



LAND USE



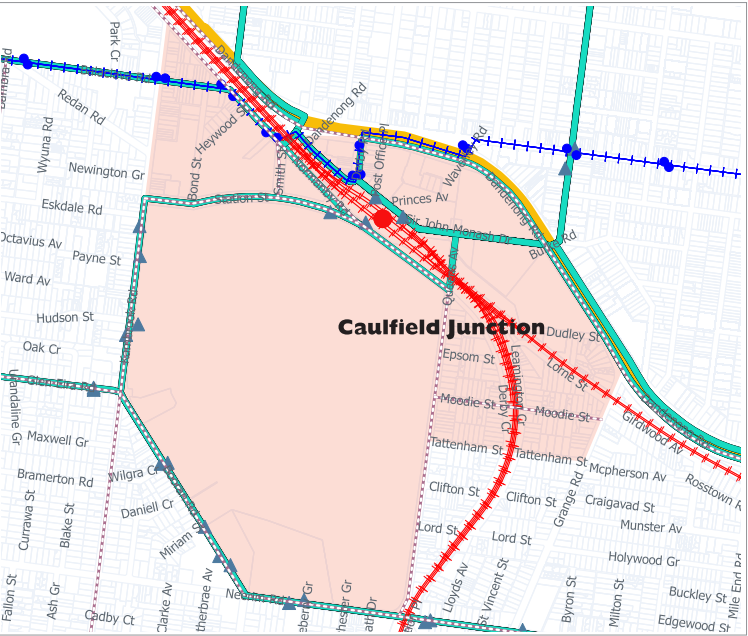
Retail	66.08%
Office	20.98%
Commercial	5.24%
Community service, sporting clubrooms and halls	0.70%
Sport, heritage and culture	2.10%
Religious	0.35%
Hospitality	2.10%
Health	1.05%
Education and research	0.70%
Infrastructure and utilities (industrial)	0.70%

Number of essential land uses — 286

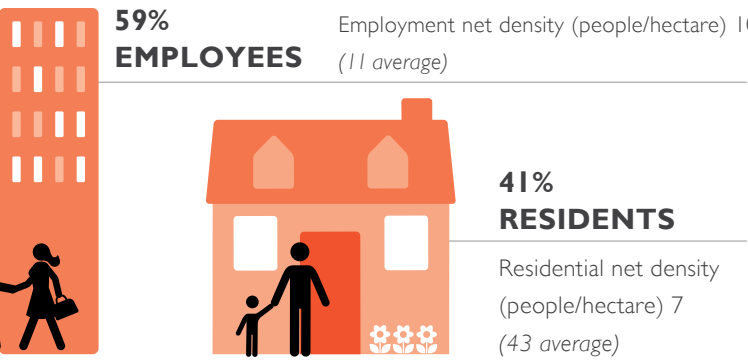
Number of residents per essential land use — 14

CAULFIELD JUNCTION

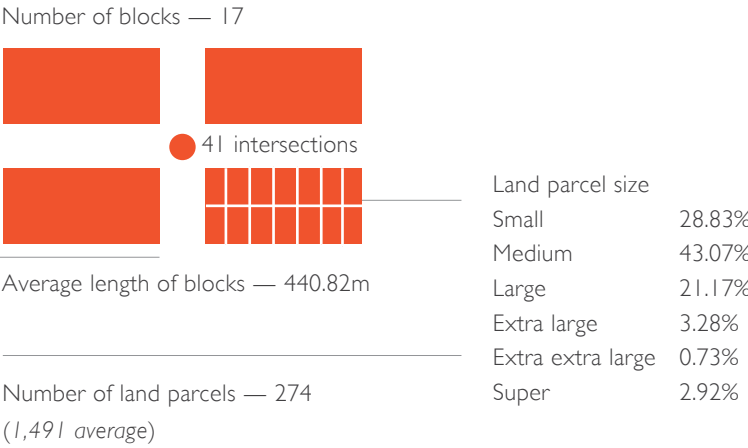
LOCAL MOVEMENT



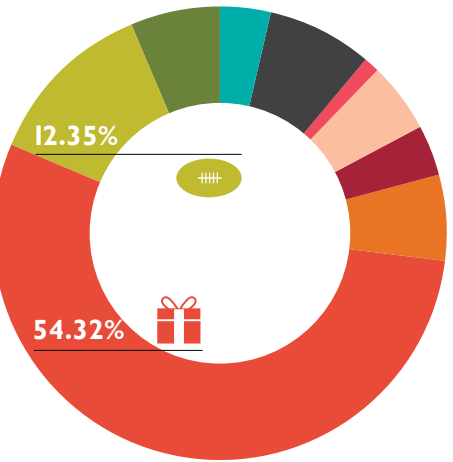
POPULATION† 1,907 people (5,148 average)



URBAN STRUCTURE 118.51ha gross catchment area (123.62ha average)



LAND USE



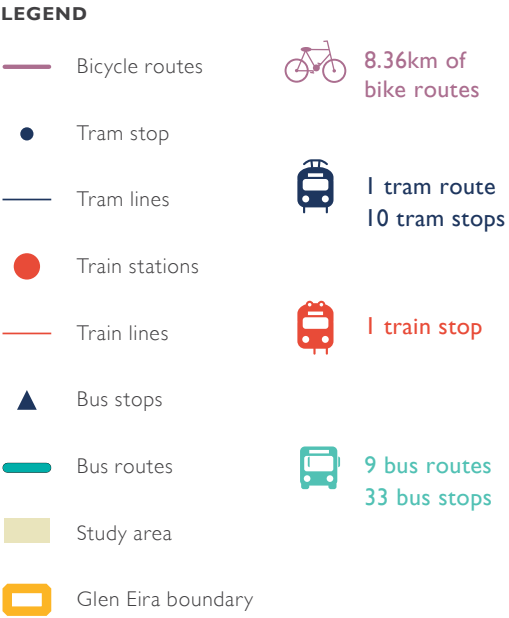
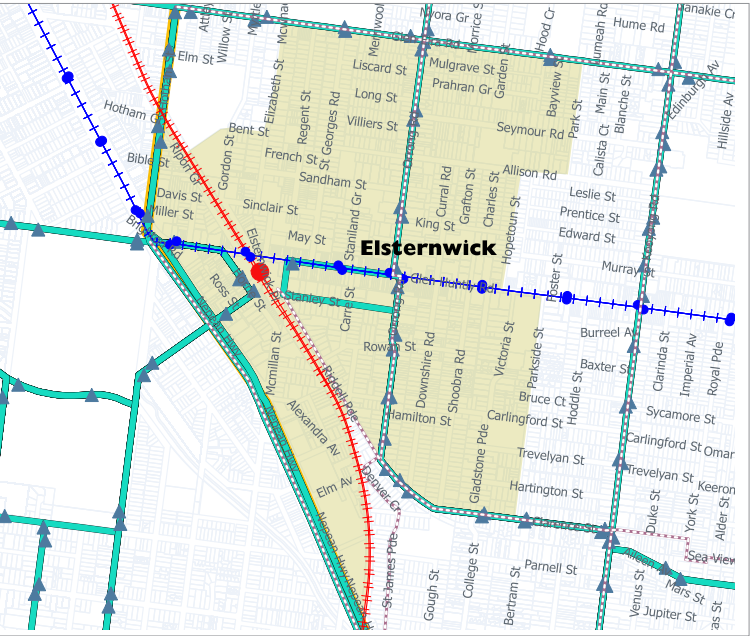
Retail	54.32%
Office	6.17%
Commercial	3.70%
Community service, sporting clubrooms and halls	6.17%
Sport, heritage and culture	12.35%
Hospitality	4.94%
Health	1.23%
Education and research	7.41%
Infrastructure and utilities (industrial)	3.70%

Number of essential land uses — 81

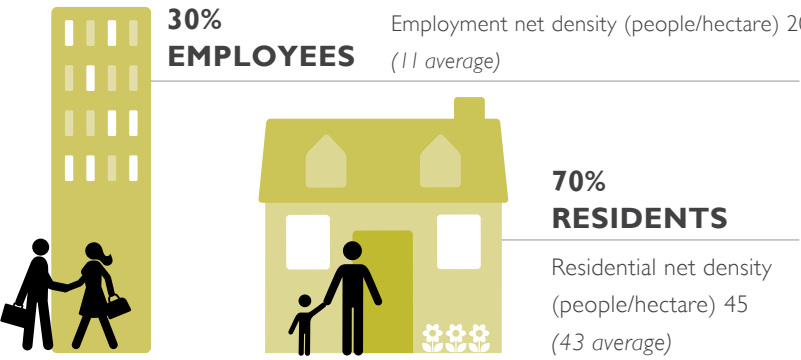
Number of residents per essential land use — 10

ELSTERNWICK

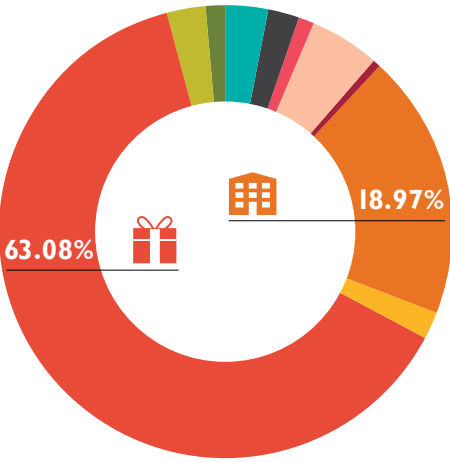
LOCAL MOVEMENT



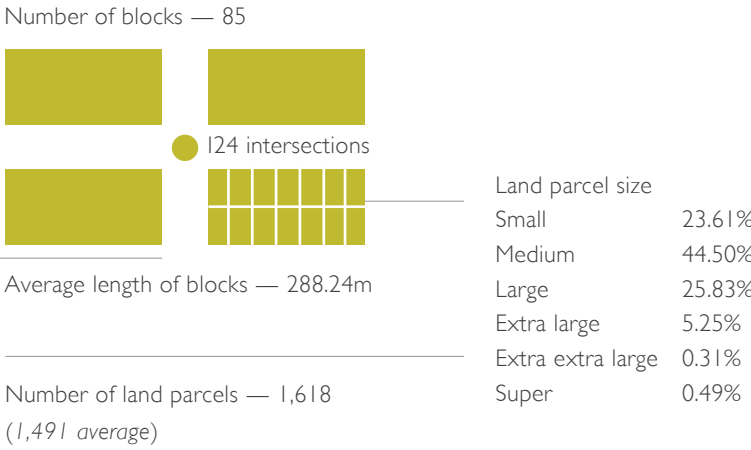
POPULATION† 7,635 people (5,148 average)



LAND USE

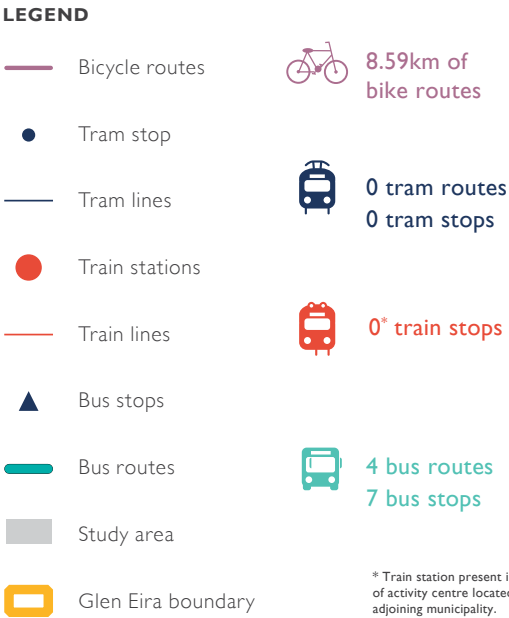


URBAN STRUCTURE 154.79ha gross catchment area (123.62ha average)

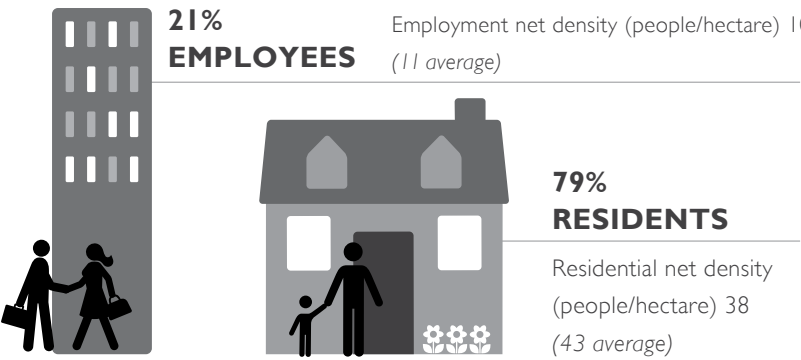


MOORABBIN

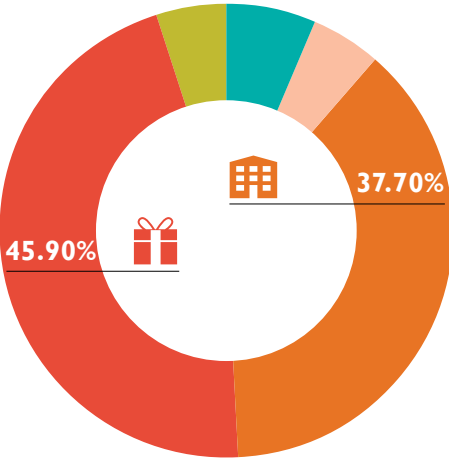
LOCAL MOVEMENT



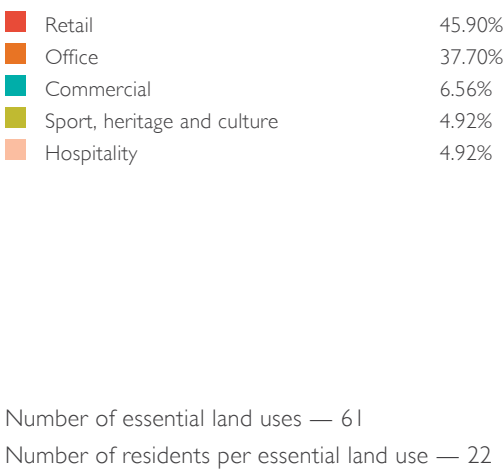
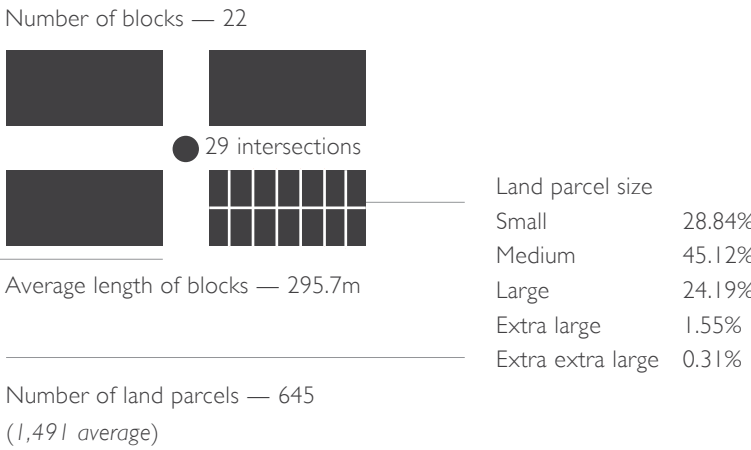
POPULATION† 1,711 people (5,148 average)



LAND USE

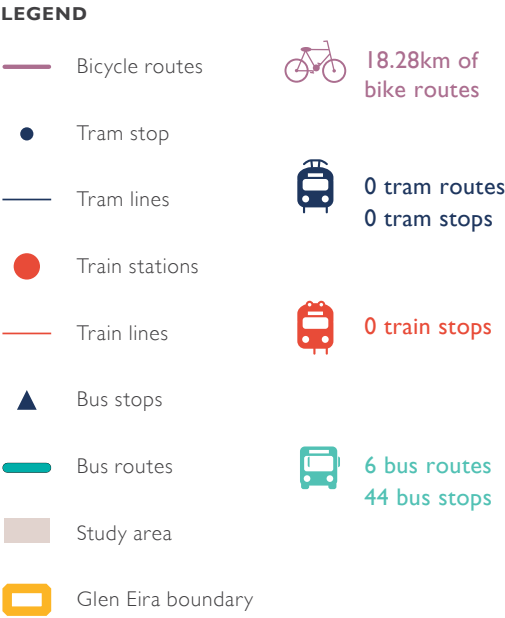


URBAN STRUCTURE 45.09ha gross catchment area (123.62ha average)

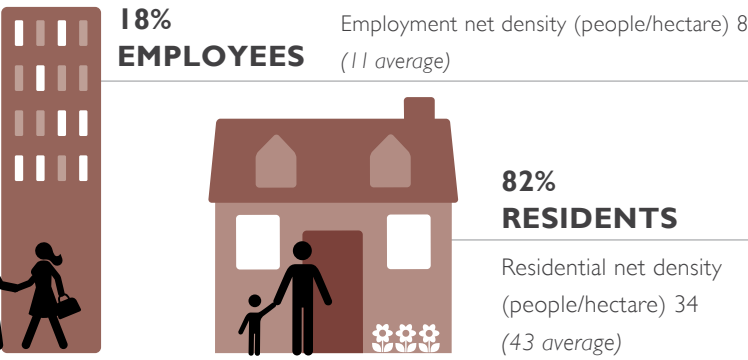


EAST VILLAGE

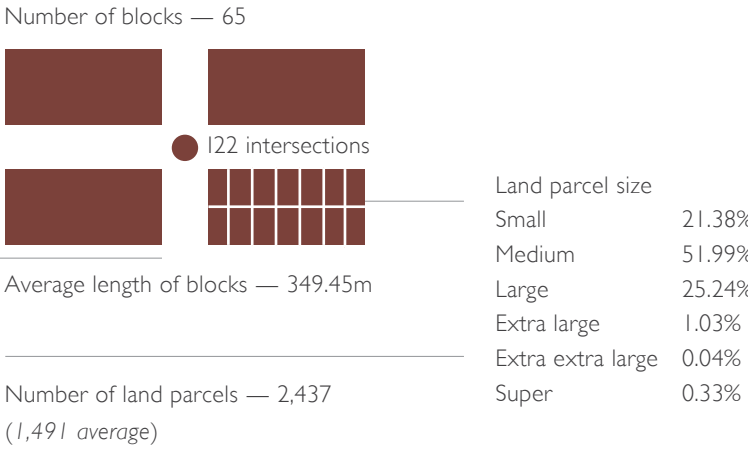
LOCAL MOVEMENT



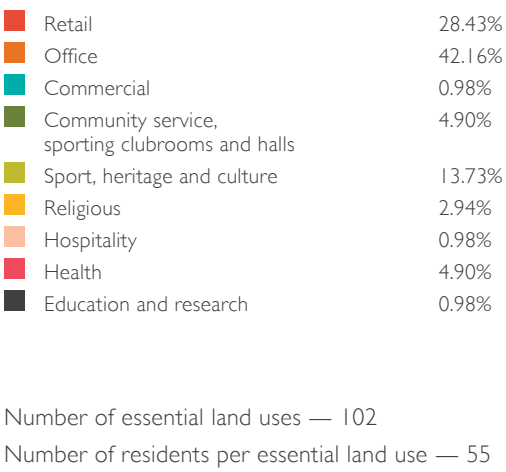
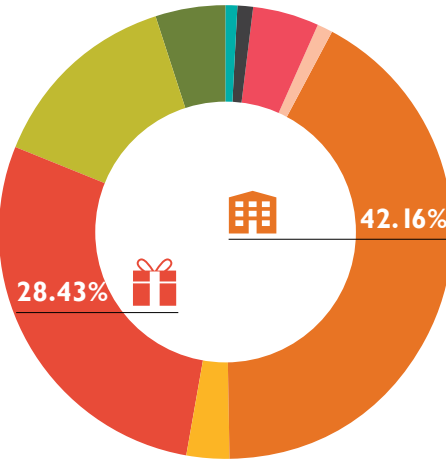
POPULATION† 6,909 people (5,148 average)



URBAN STRUCTURE 205.17ha gross catchment area (123.62ha average)

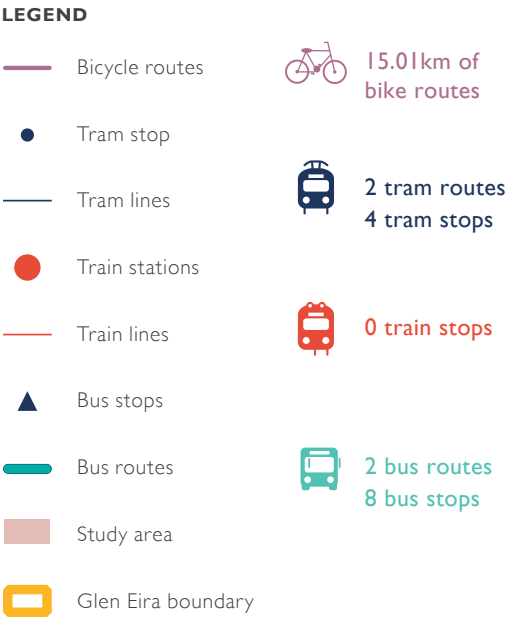


LAND USE

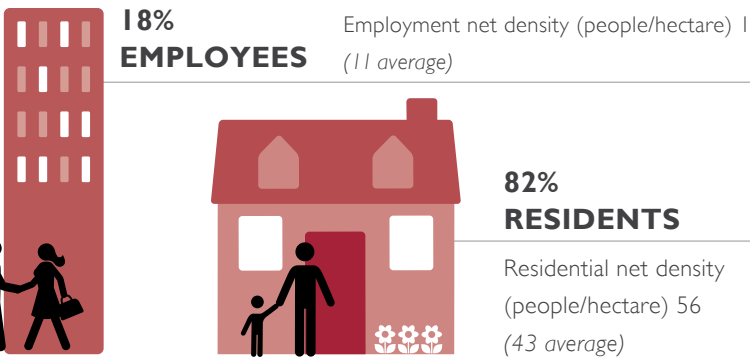


ALMA VILLAGE

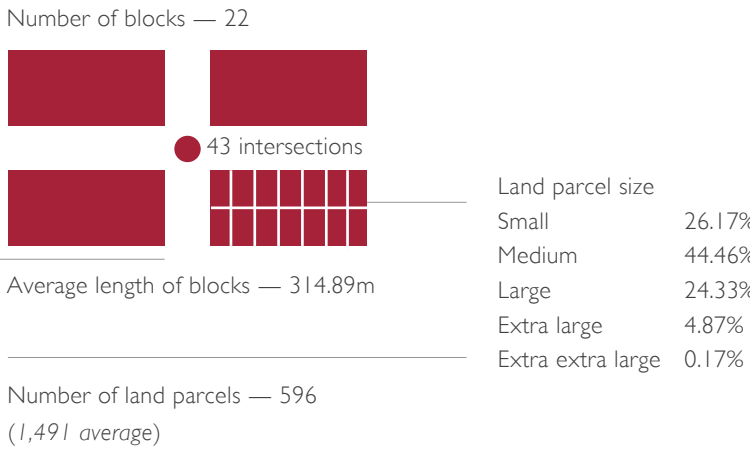
LOCAL MOVEMENT



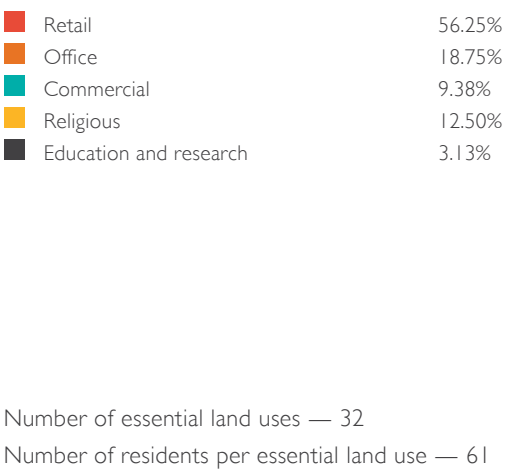
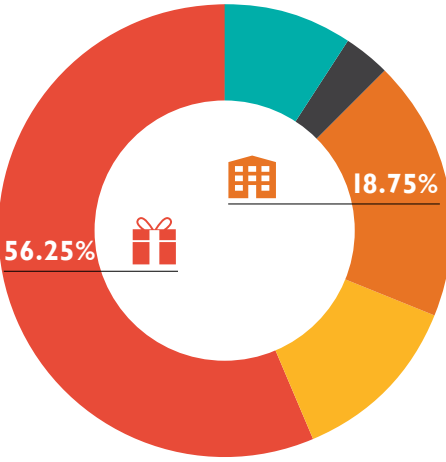
POPULATION† 2,402 people (5,148 average)



URBAN STRUCTURE 46.66ha gross catchment area (123.62ha average)

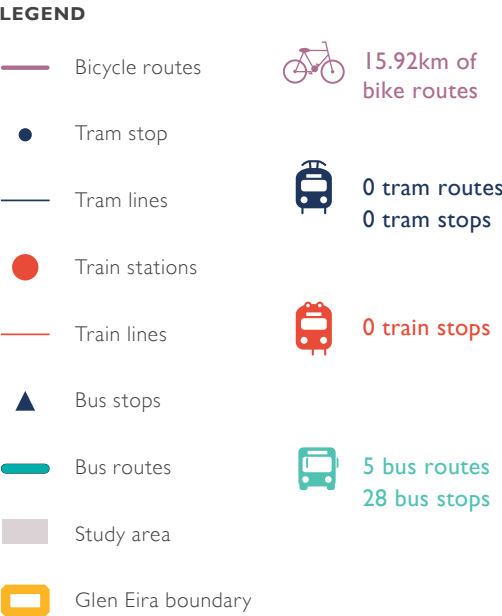


LAND USE

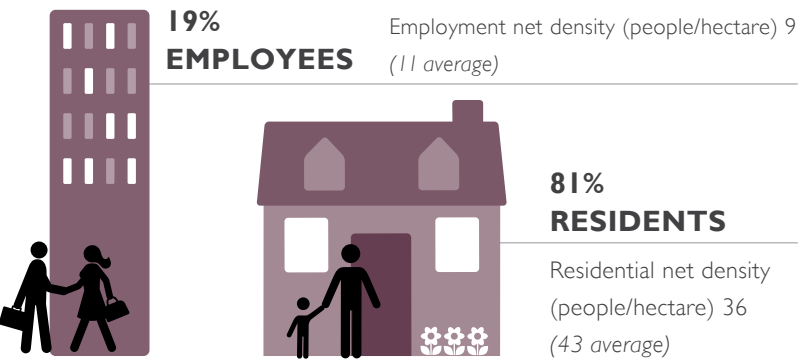


BENTLEIGH EAST

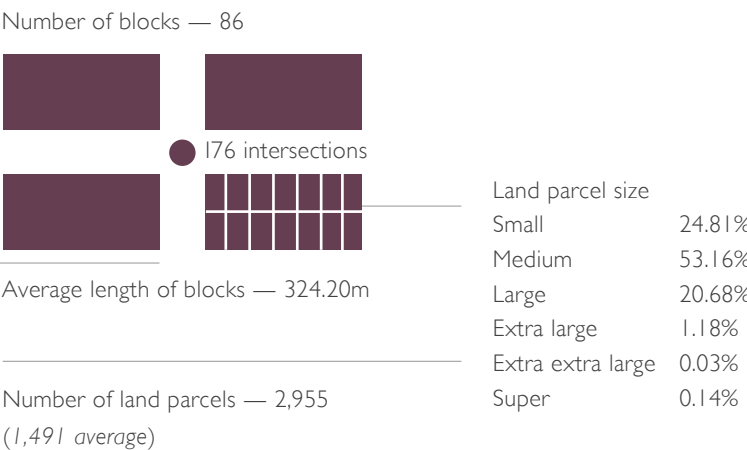
LOCAL MOVEMENT



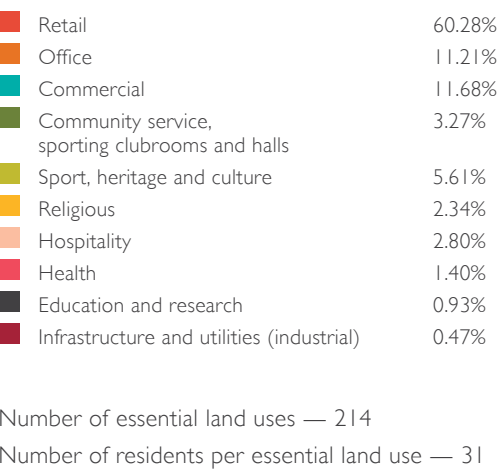
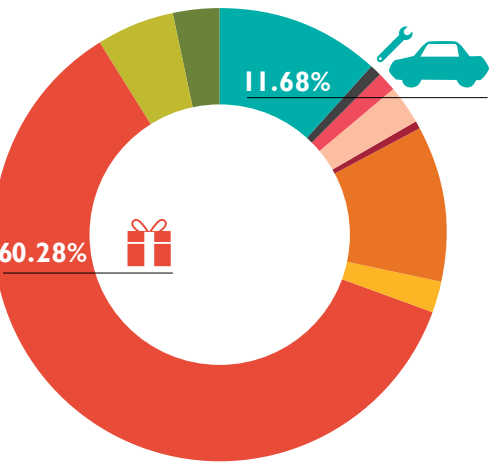
POPULATION† 8,111 people (5,148 average)



URBAN STRUCTURE 227.09ha gross catchment area (123.62ha average)

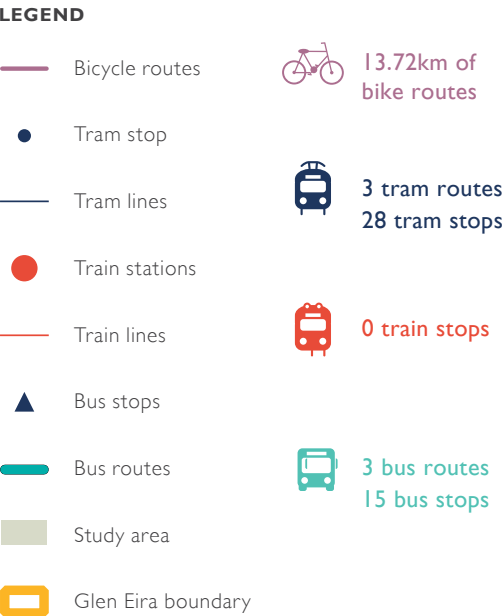
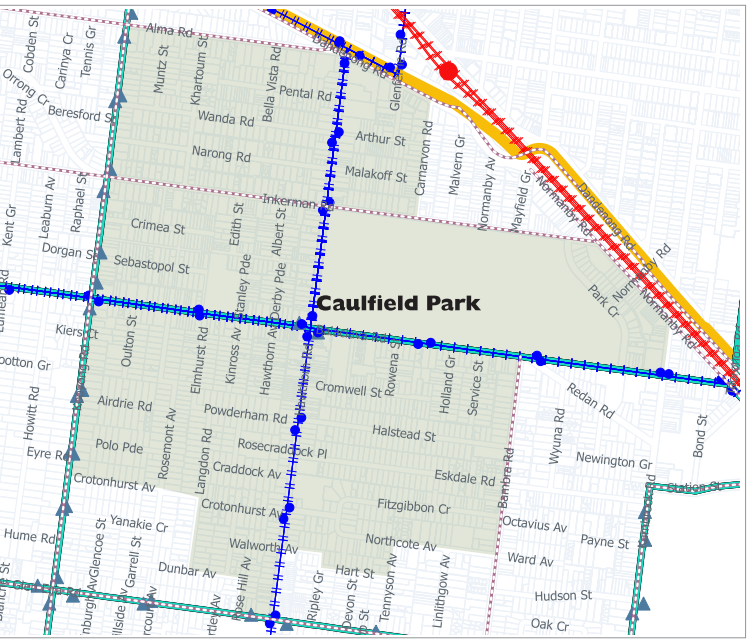


LAND USE

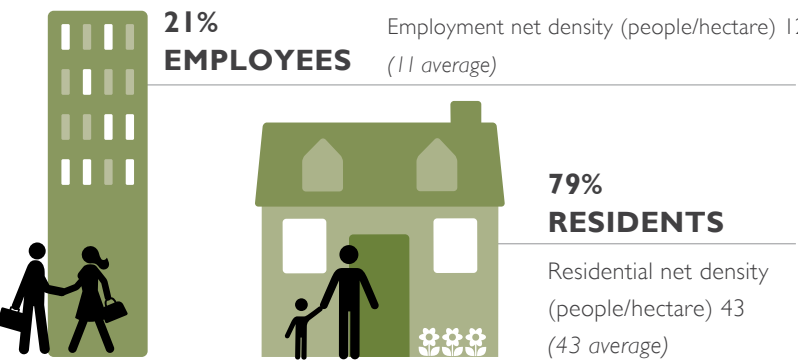


CAULFIELD PARK

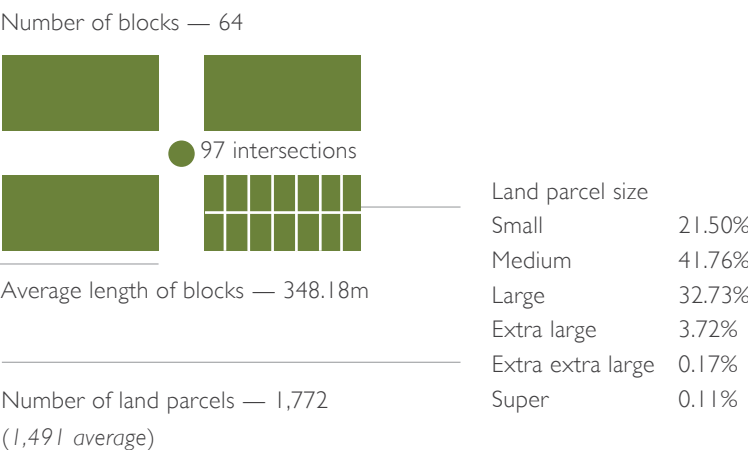
LOCAL MOVEMENT



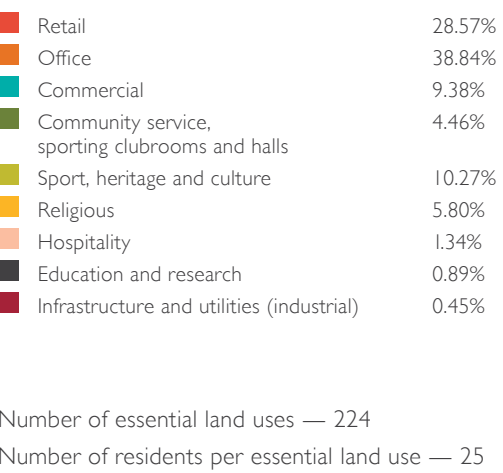
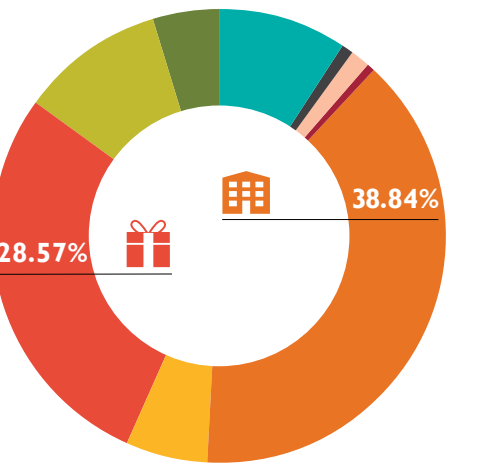
POPULATION† 7,270 people (5,148 average)



URBAN STRUCTURE 164.51ha gross catchment area (123.62ha average)

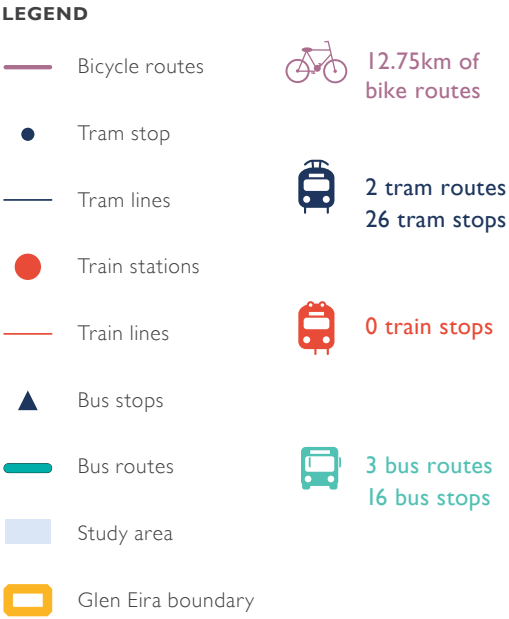
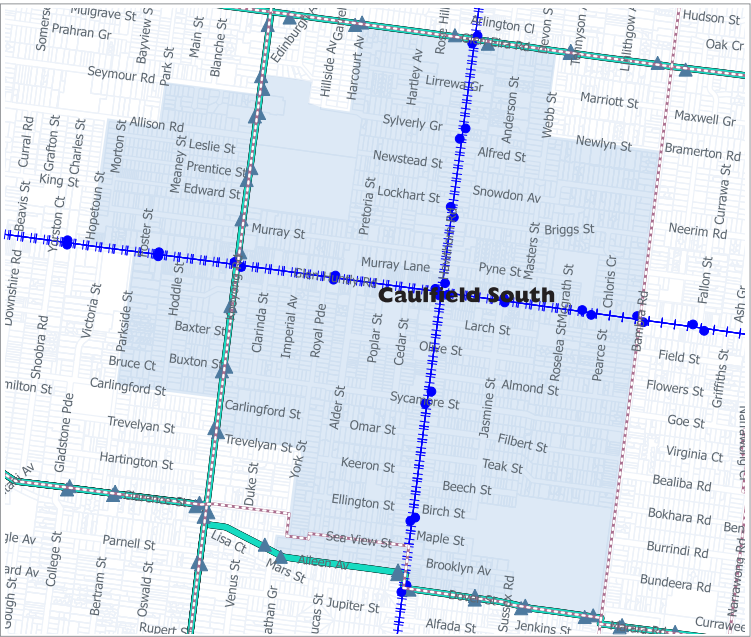


LAND USE

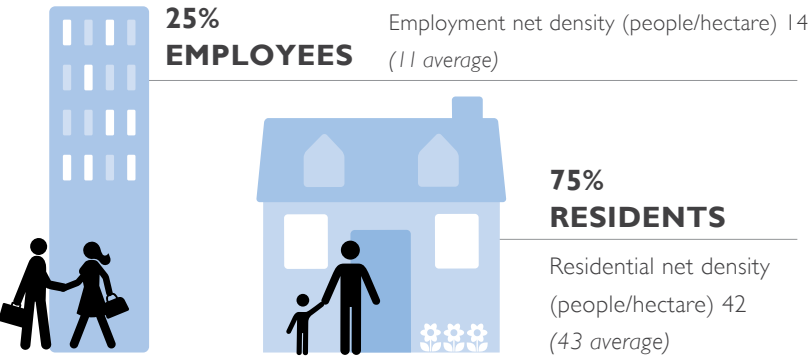


CAULFIELD SOUTH

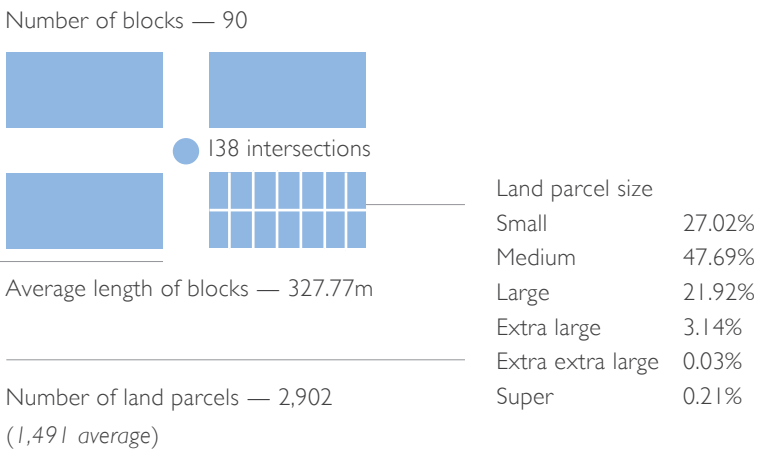
LOCAL MOVEMENT



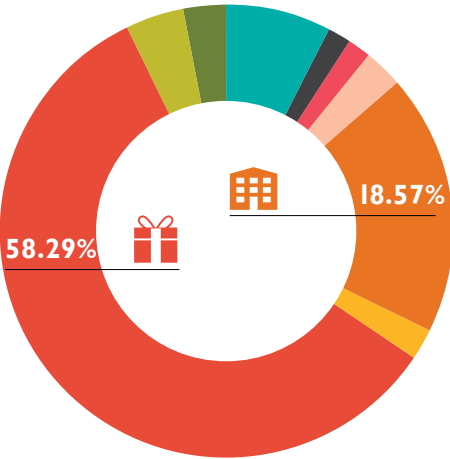
POPULATION[†] 9,440 people (5,148 average)



URBAN STRUCTURE 215.49ha gross catchment area (123.62ha average)

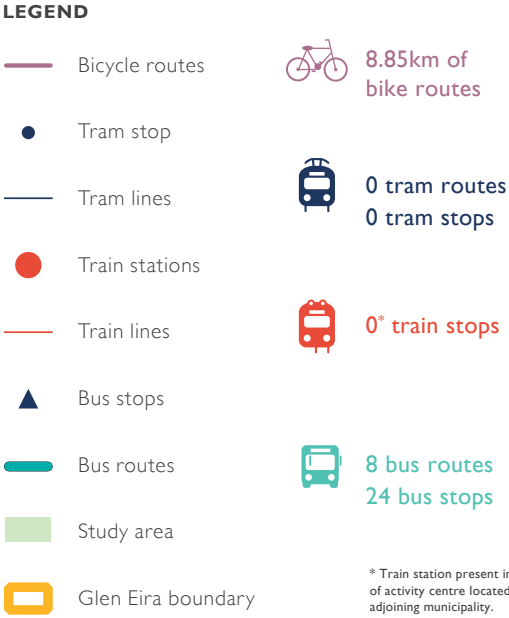
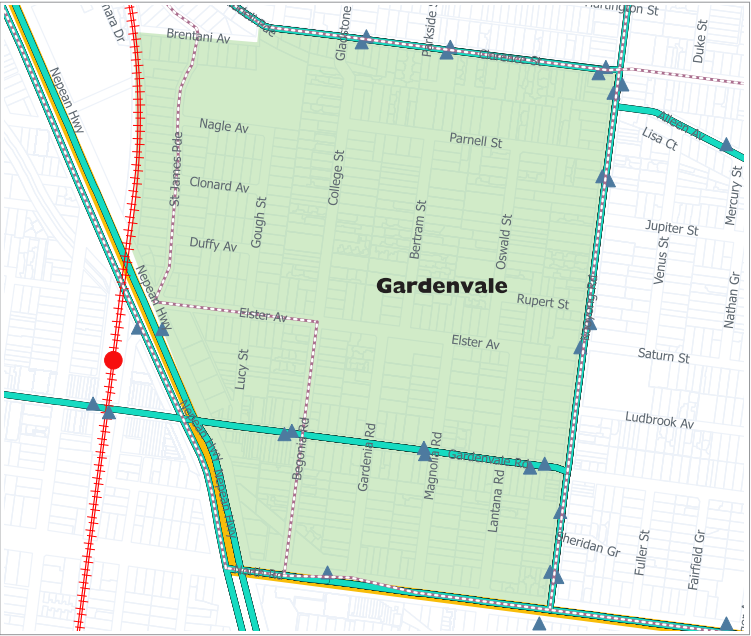


LAND USE

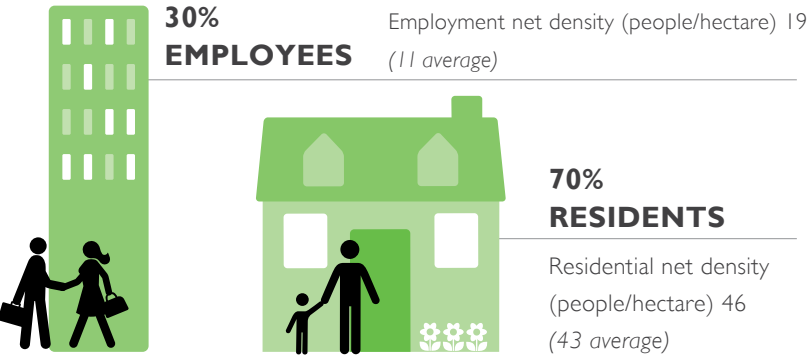


GARDENVALE

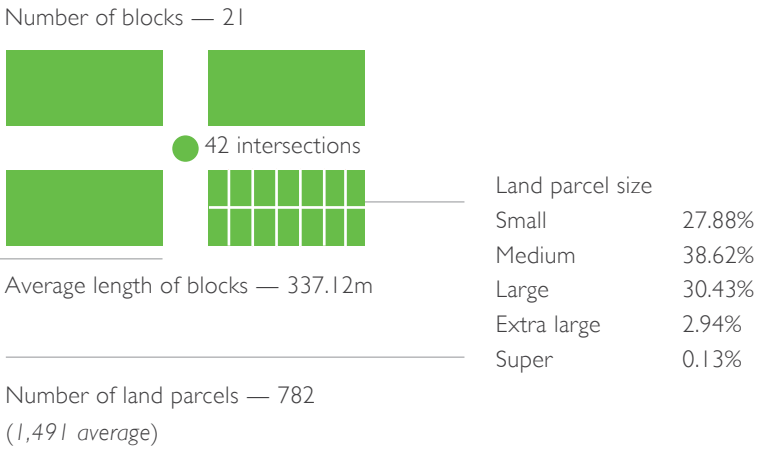
LOCAL MOVEMENT



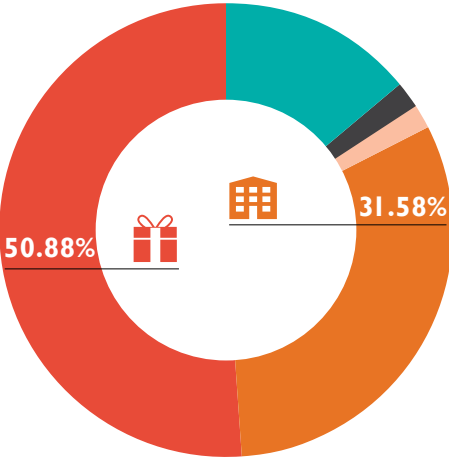
POPULATION[†] 3,099 people (5,148 average)



URBAN STRUCTURE 61.46ha gross catchment area (123.62ha average)

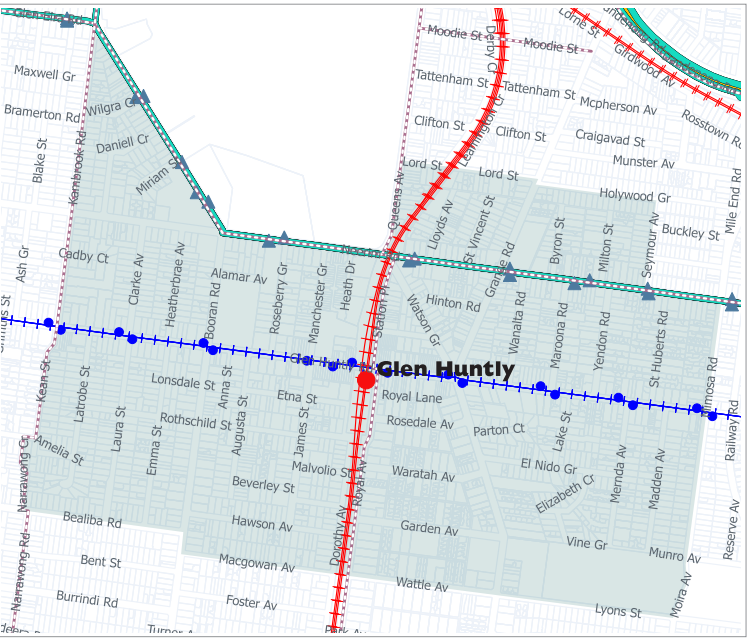


LAND USE

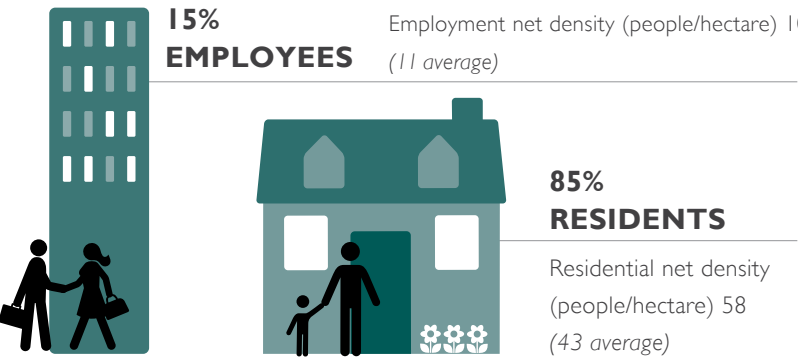


GLEN HUNTLY

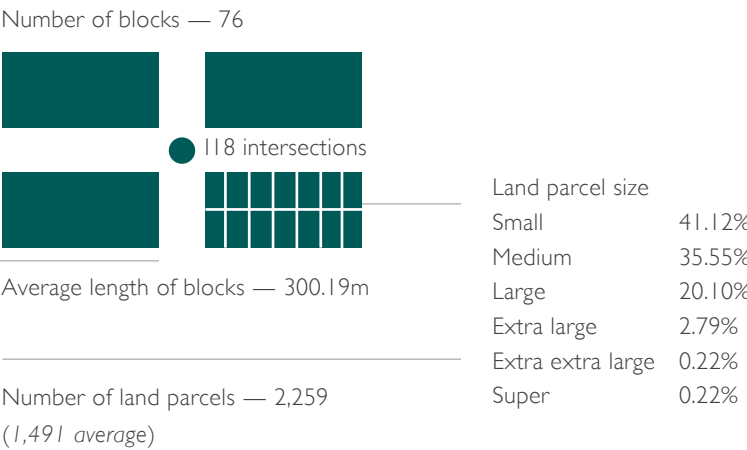
LOCAL MOVEMENT



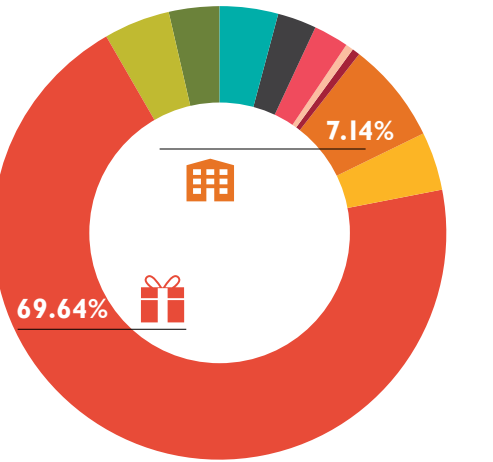
POPULATION† 8,528 people (5,148 average)



URBAN STRUCTURE 160.44ha gross catchment area (123.62ha average)

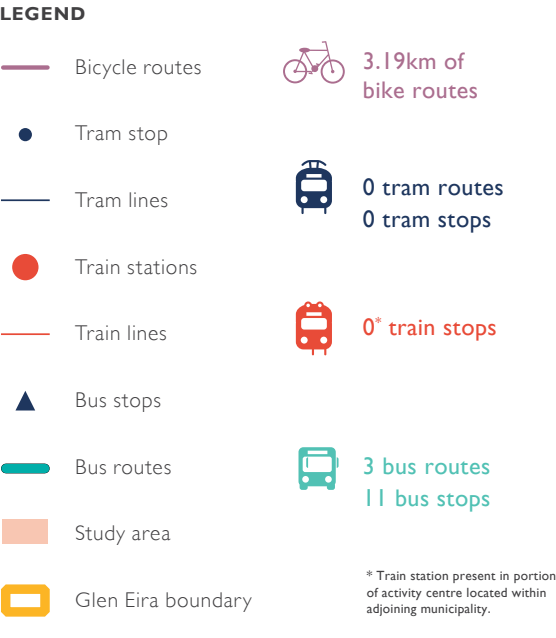


LAND USE

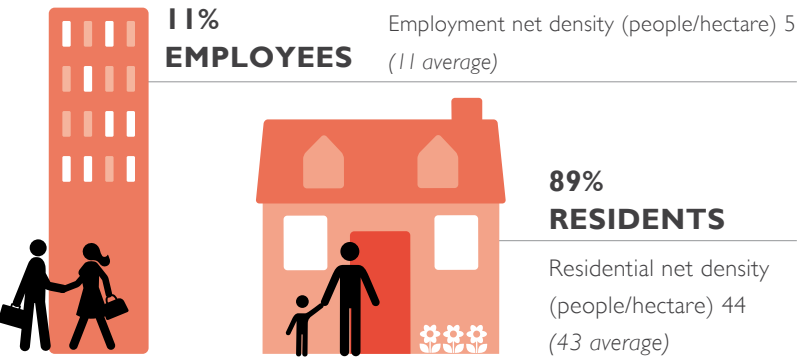


HUGHESDALE

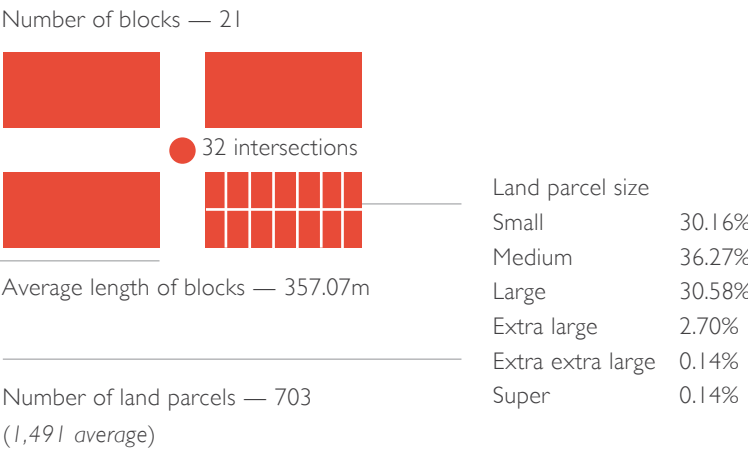
LOCAL MOVEMENT



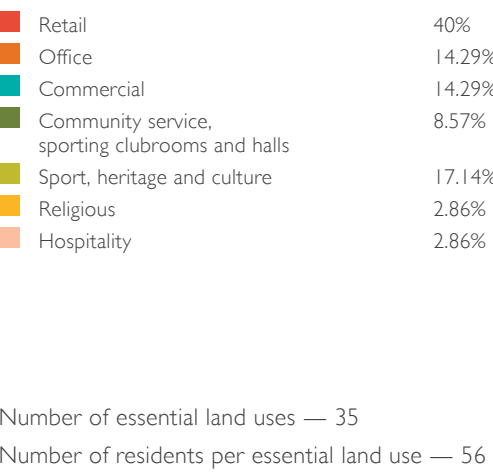
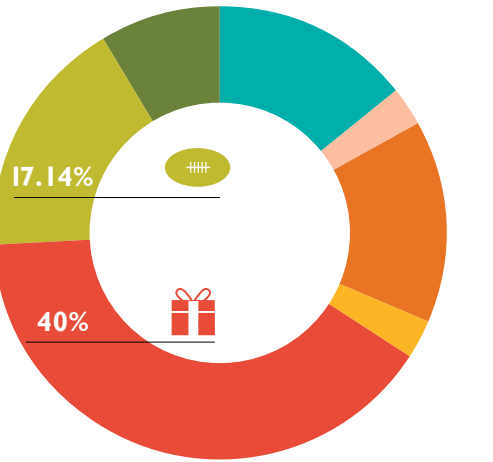
POPULATION† 2,181 people (5,148 average)



URBAN STRUCTURE 57.07ha gross catchment area (123.62ha average)

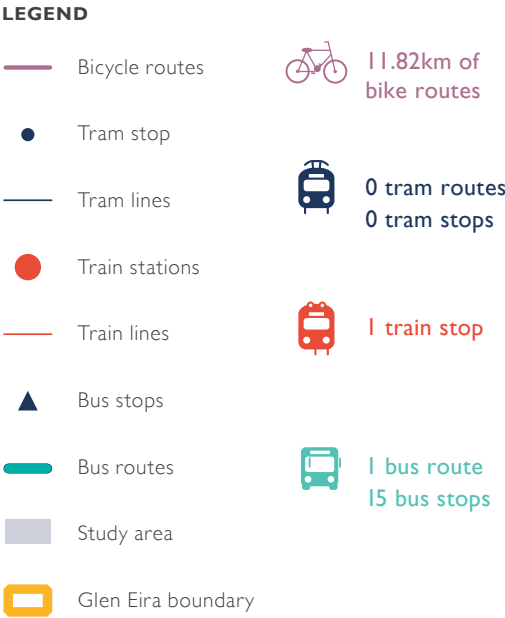


LAND USE

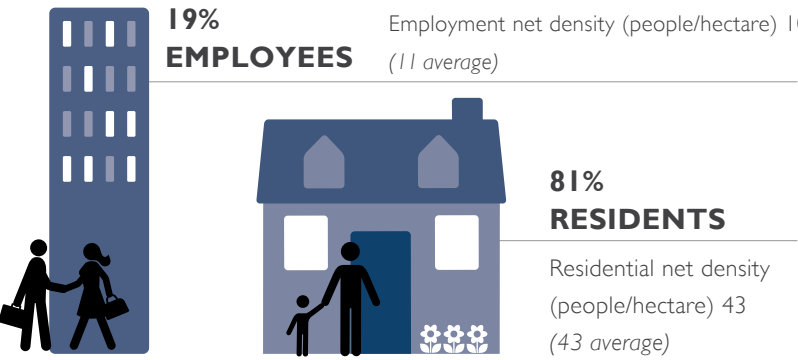


MCKINNON

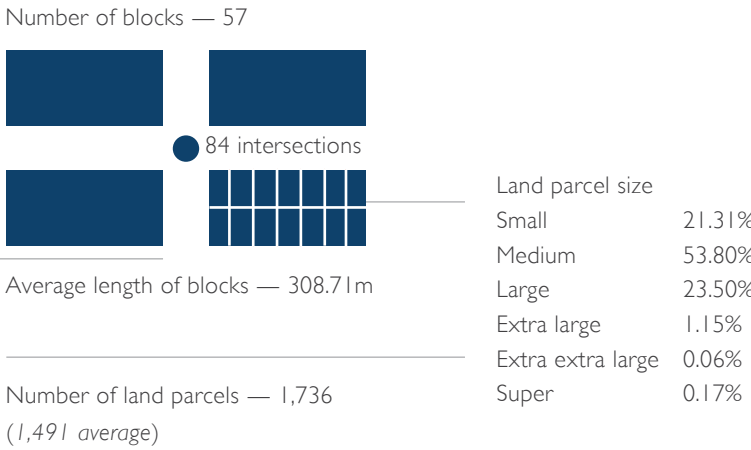
LOCAL MOVEMENT



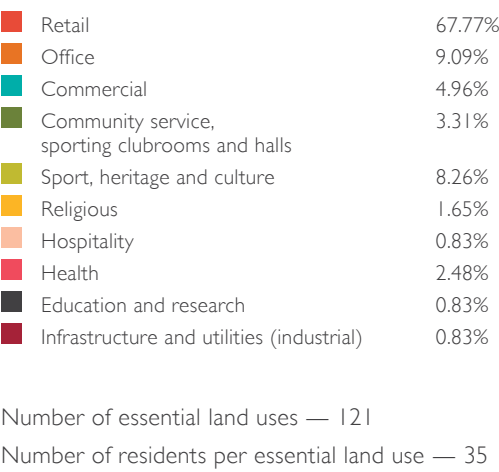
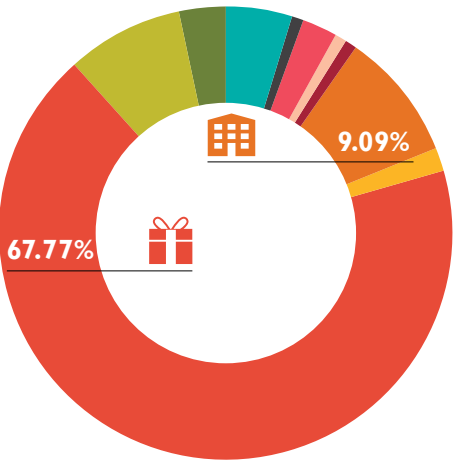
POPULATION† 5,198 people (5,148 average)



URBAN STRUCTURE 123.8ha gross catchment area (123.62ha average)

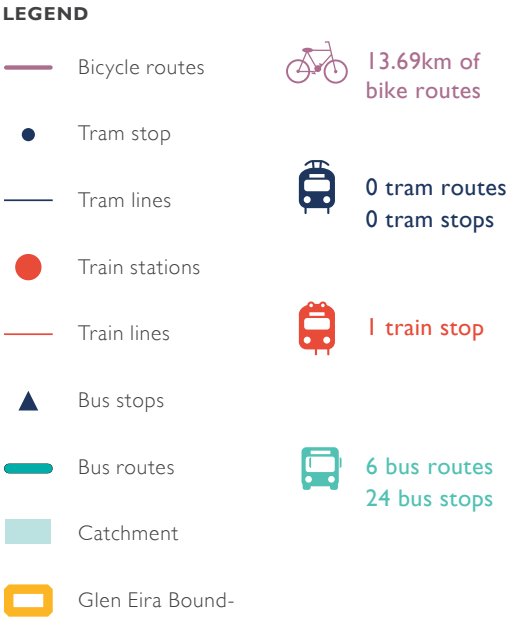
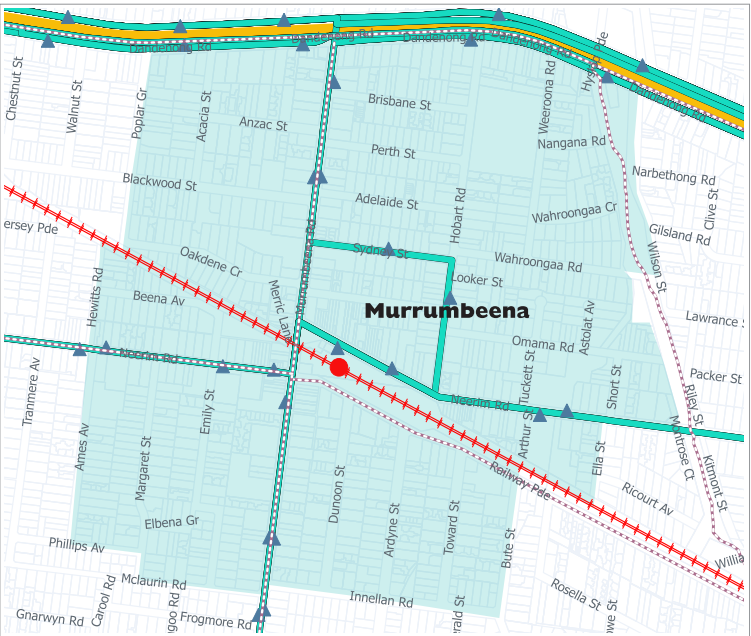


LAND USE

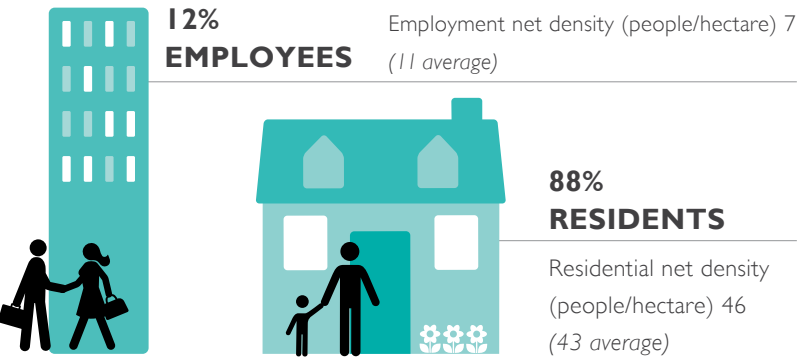


MURRUMBEENA

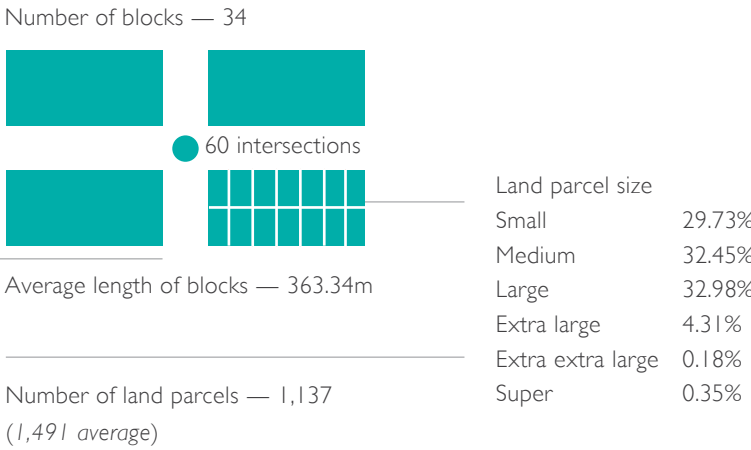
LOCAL MOVEMENT



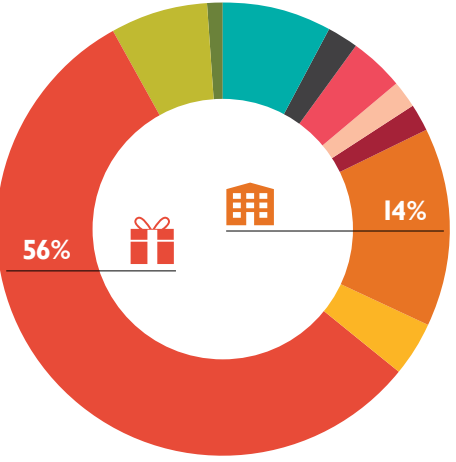
POPULATION† 4,043 people (5,148 average)



URBAN STRUCTURE 94.41ha gross catchment area (123.62ha average)

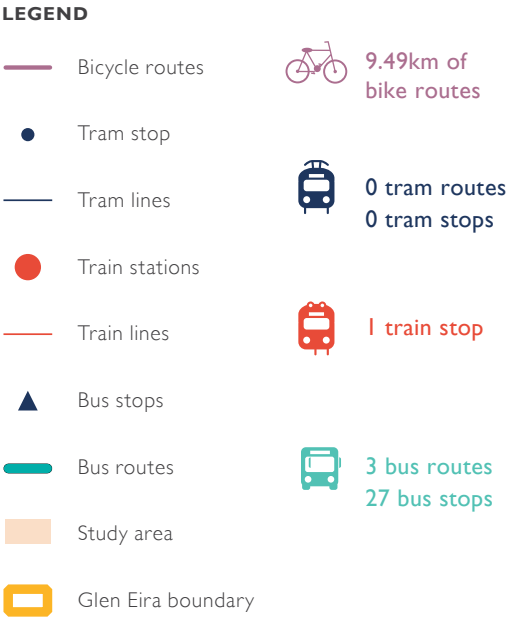
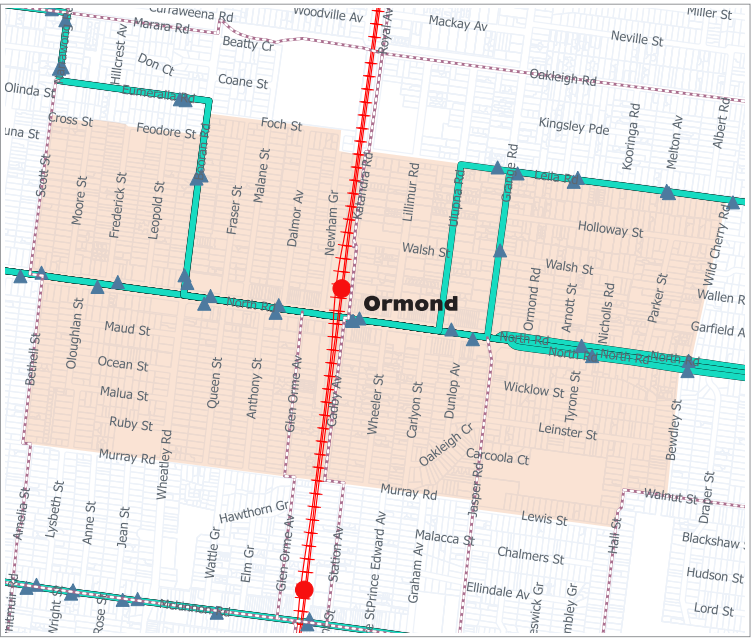


LAND USE

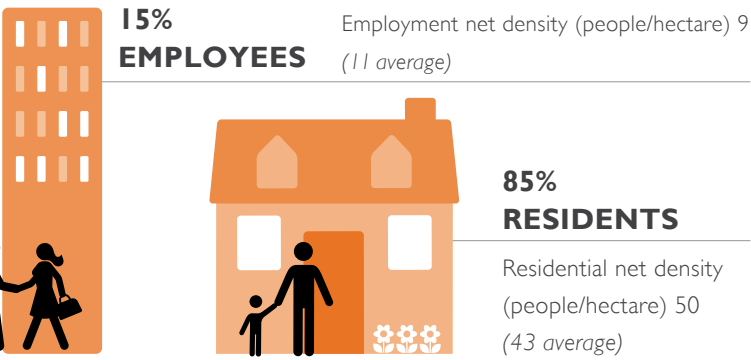


ORMOND

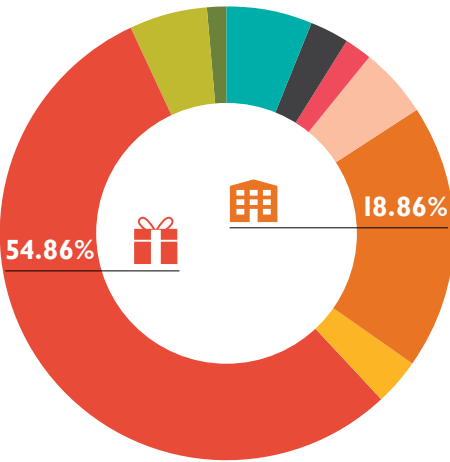
LOCAL MOVEMENT



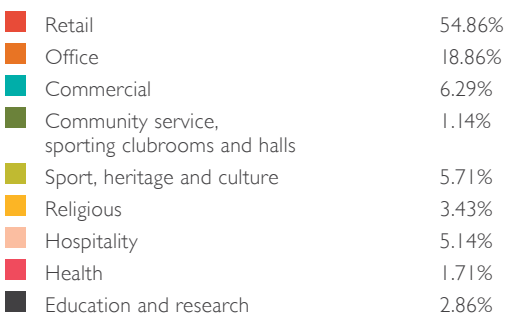
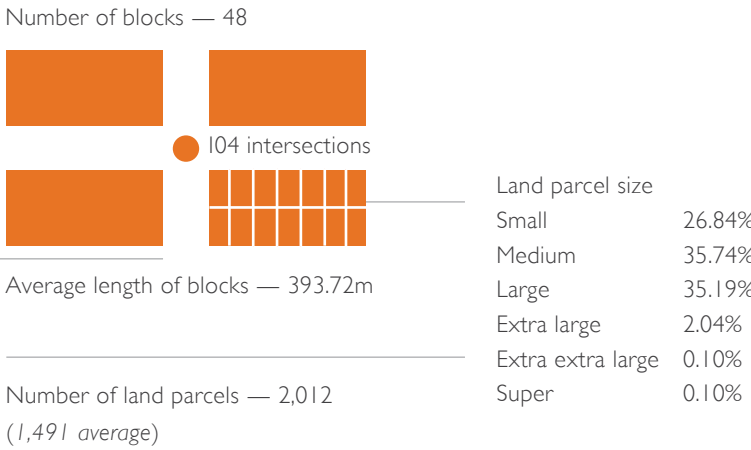
POPULATION† 7,084 people (5,148 average)



LAND USE



URBAN STRUCTURE 151.56ha gross catchment area (123.62ha average)

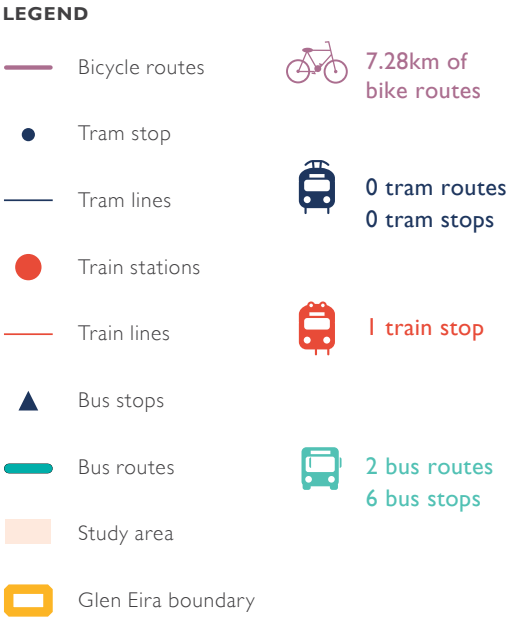
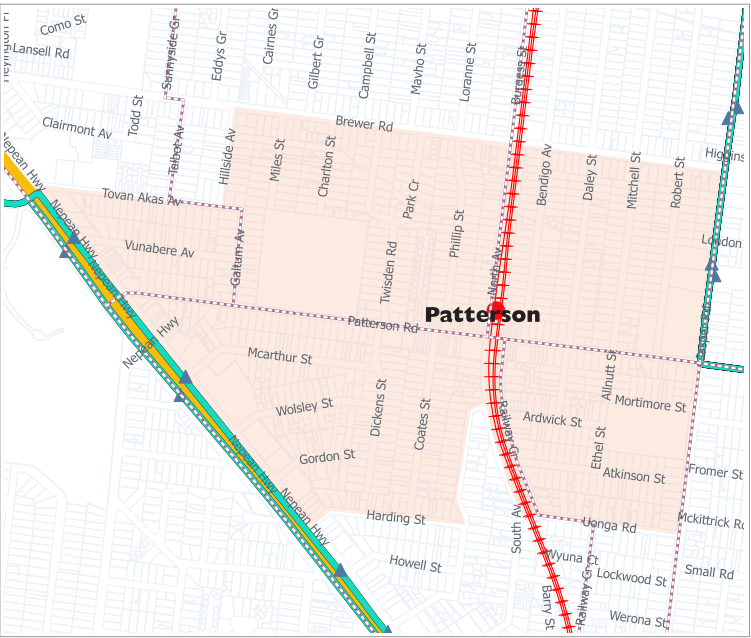


Number of essential land uses — 175

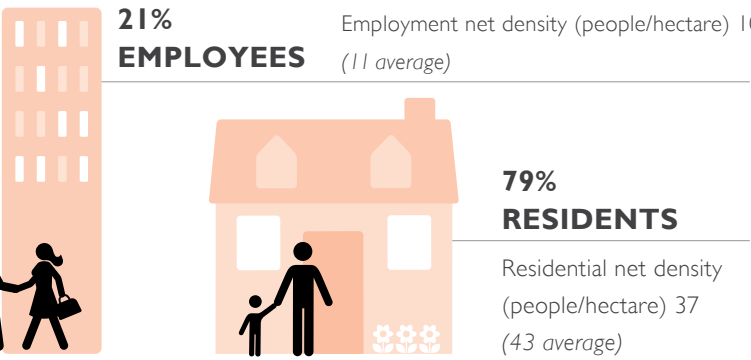
Number of residents per essential land use — 34

PATTERSON

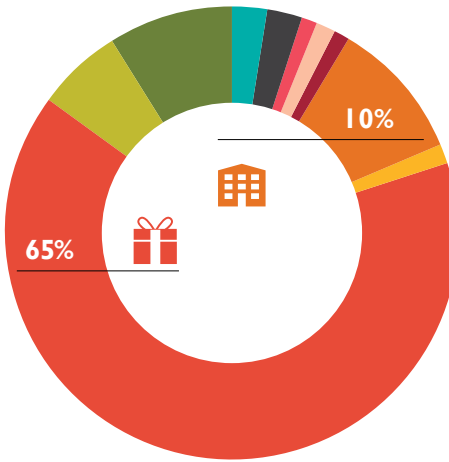
LOCAL MOVEMENT



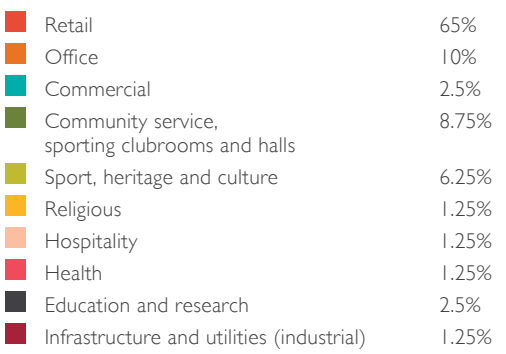
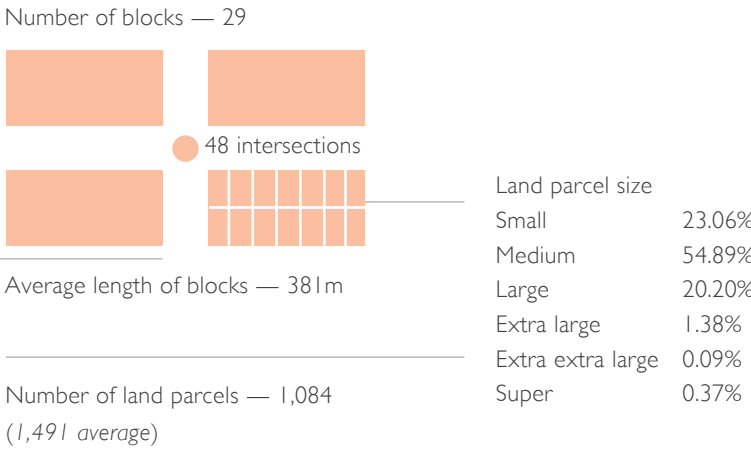
POPULATION† 3,210 people (5,148 average)



LAND USE



URBAN STRUCTURE 86.51ha gross catchment area (123.62ha average)

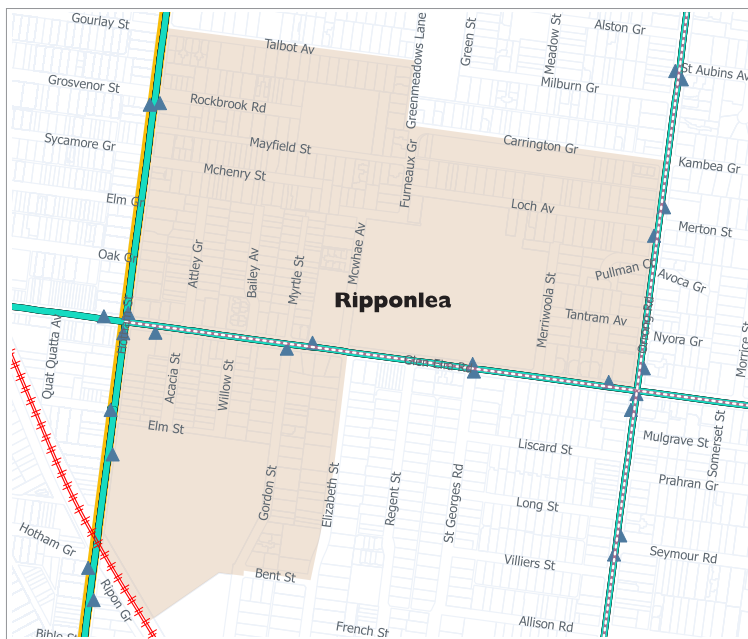


Number of essential land uses — 80

Number of residents per essential land use — 32

RIPPONLEA

LOCAL MOVEMENT



LEGEND

- Bicycle routes
- Tram stop
- Tram lines
- Train stations
- Train lines
- Bus stops
- Bus routes
- Study area
- Glen Eira boundary



6.01km of bike routes



0 tram routes
0 tram stops



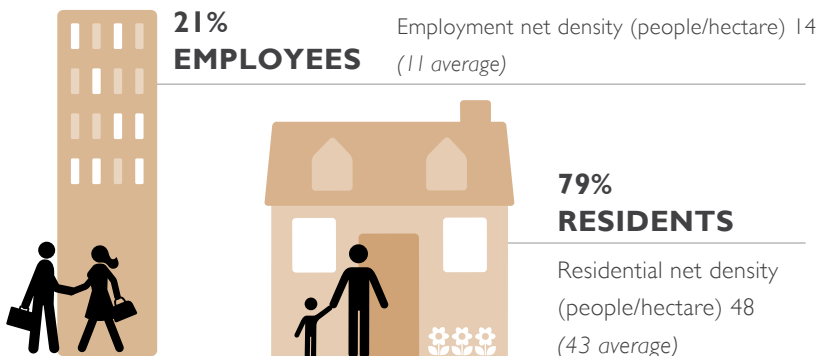
0* train stop



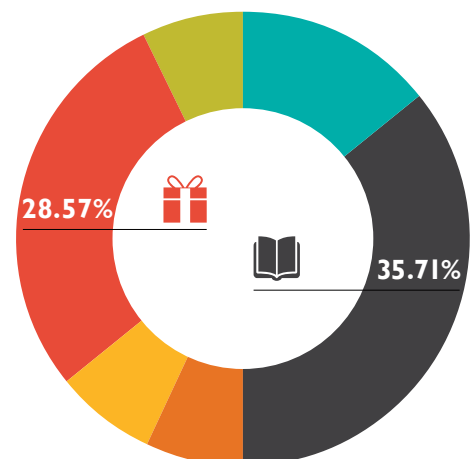
4 bus routes
15 bus stops

* Train station present in portion of activity centre located within adjoining municipality.

POPULATION[†] 2,407 people (5,148 average)

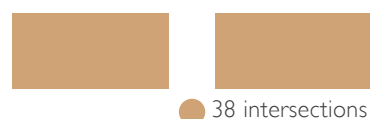


LAND USE



URBAN STRUCTURE 48.16ha gross catchment area (123.62ha average)

Number of blocks — 11



Average length of blocks — 541.45m

Number of land parcels — 476 (1,491 average)

Land parcel size	
Small	22.27%
Medium	55.04%
Large	19.12%
Extra large	2.52%
Extra extra large	0.42%
Super	0.63%

Retail	28.57%
Office	7.14%
Commercial	14.29%
Sport, heritage and culture	7.14%
Religious	7.14%
Education and research	35.71%

Number of essential land uses — 14

Number of residents per essential land use — 134