GLEN EIRA CITY COUNCIL **ACTIVITY CENTRES SNAPSHOT** FEBRUARY 2017



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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.

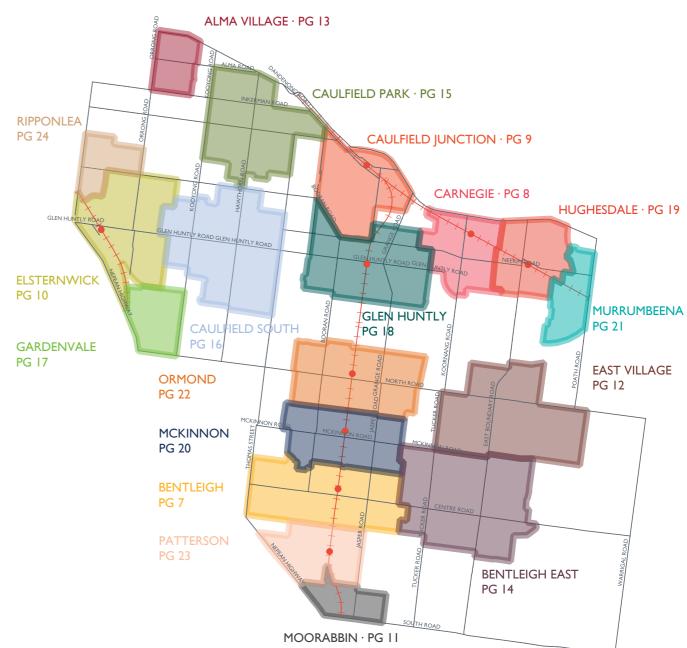
The majority of the calculations are made using Council's Geographic Information System (GIS) which stores data for the municipality in a digital mapping system. A number of indicators, or comparative

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. In general, study areas that have higher numbers of Study areas with many land parcels can accommodate public transport stations and routes are considered to a higher number of land uses which allows a be more accessible. better mix of essential and non-essential land uses. Additionally, a high number of land parcels in a study Number of train stations area may indicate a lower scale building pattern as The number of train stations within the study area. building footprints are limited. This measurement was For study areas that adjoin another municipality, calculated using Council's GIS. consideration is given to the proximity of nearby train stations. These are denoted as 0*. This measurement Size of land parcels was calculated using Council's GIS.

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

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

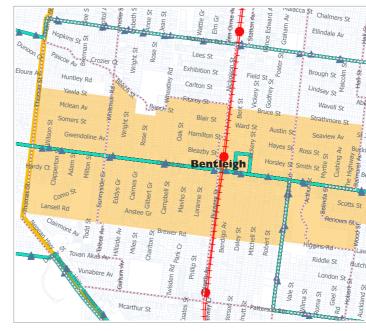
The total length of bike paths within the study area. This measurement was calculated using Council's GIS.

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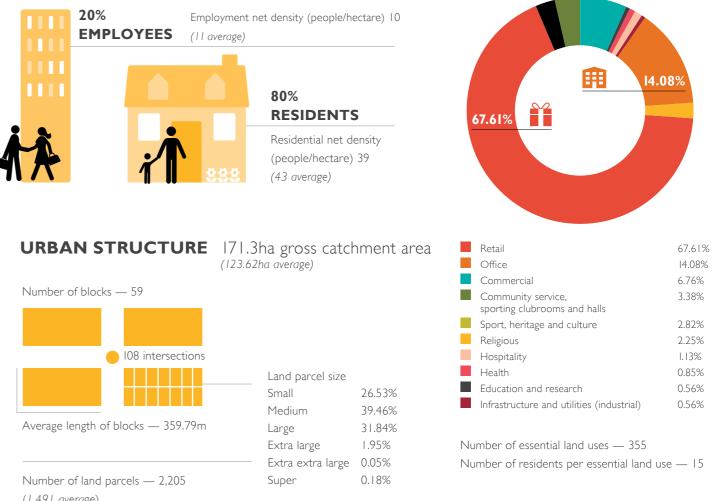
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377 319 09 427 68 154 35 246 240 388 69 190 39 131 126 191 88 181 88 181 <	377 319 109 427 68 154 35 246 240 94 90 74 91 90 66 91 87 93 1 1 1 90 74 91 90 66 91 87 93 1 1 1 1 1 90 66 91 87 93 1 1 1 1 0 94 94 93 94 1 1 1 1 1 94 95 94 94 1 1 1 1 1 94 95 94 95 1 1 1 1 1 94 95 95 95 1 1 1 1 1 95 95 95 1 1 1 1 1 95 95 95 95 95 1 <td>Number of residents per ssential land use</td> <td>15</td> <td>4</td> <td>0</td> <td>4</td> <td>22</td> <td>55</td> <td>61</td> <td>31</td> <td>25</td> <td>20</td> <td>38</td> <td>43</td> <td>56</td> <td>35</td> <td>35</td> <td>34</td> <td>32</td> <td>134</td>	Number of residents per ssential land use	15	4	0	4	22	55	61	31	25	20	38	43	56	35	35	34	32	134
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1 1 1 0 0 0 0 0 0 1	I I I 0 0 0 0 0 0 0 0 0 0 0 0 0 28 0 28 <th2< td=""><td>essential uses/total uses (%)</td><td>94</td><td>06</td><td>74</td><td>16</td><td>06</td><td>66</td><td>16</td><td>87</td><td>93</td><td>06</td><td>83</td><td>88</td><td>06</td><td>92</td><td>79</td><td>92</td><td>82</td><td>78</td></th2<>	essential uses/total uses (%)	94	06	74	16	06	66	16	87	93	06	83	88	06	92	79	92	82	78
1 1 1 1 0* 0* 0 0* 1 0* 1 <td>I I I I 0* 0* 0 28 0 28 28 28 28 28 33 1 1 0 0 28 39 37 28 37 28 37<!--</td--><td>-OCAL MOVEMENT</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td>	I I I I 0* 0* 0 28 0 28 28 28 28 28 33 1 1 0 0 28 39 37 28 37 28 37 </td <td>-OCAL MOVEMENT</td> <td></td>	-OCAL MOVEMENT																		
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0 1 1 0 0 2 0 1 0	0 1 1 1 0 0 2 0 3 19 21 15 33 7 44 8 28 15 3 5 4 9 4 6 2 3 3 10.23 11.98 14.49 8.36 8.59 18.28 15.01 15.92 13.72 AVENAGE	Number of tram stops	0	7	=	01	0	0	4	0	28	28	0	18	0	0	0	0	0	0
19 21 15 33 7 44 8 28 15 24 15 24 27 6 15 3 5 4 9 4 6 3 3 8 3 1 1 6 3 4 1 4 3 5 4 9 4 6 3 3 8 3 8 3 1 8 3 4 4 4 10.23 11.98 14.49 8.59 18.28 13.72 12.75 8.85 8.36 3.19 11.82 3.49 3.49 5.49 7.28 6.01 4 10.23 11.98 14.49 8.36 18.29 13.72 12.75 8.85 8.36 3.19 11.82 13.69 2.49 7.28 6.01 7.28 5.44 5.44 7.28 5.44 5.44 7.28 5.44 5.44 7.28 5.44 5.44 5.44<	19 21 15 33 7 44 8 28 15 3 5 4 9 4 6 2 3 3 10.23 11.98 14.49 8.36 8.59 18.28 15.01 15.92 13.72 AVERAGE	Number of tram routes	0	-	_	-	0	0	2	0	e	2	0	_	0	0	0	0	0	0
3 5 4 9 4 6 2 3 3 8 2 3 1 6 3 2 4 10.23 11.98 14.49 8.36 18.28 13.72 13.75 8.85 8.36 3.19 11.82 13.69 9.49 7.28 6.01 7.08 11.98 14.49 8.36 18.28 13.72 12.75 8.85 8.36 3.19 11.82 9.49 7.28 6.01 7.08 13.70 12.75 8.85 8.36 3.19 11.82 13.69 9.49 7.28 6.01	3 5 4 9 4 6 2 5 3 10.23 11.98 14.49 8.36 8.59 18.28 15.01 15.92 13.72 AVERAGE AVERAGE	Number of bus stops	19	21	15	33	7	44	8	28	15	25	24	15	=	15	24	27	6	15
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 9.49 7.28 6.01 *ToR *ToR *Train station present in portion of activity centre located within adjoining municipality. * * * * * * * * 11.92 13.69 9.49 7.28 6.01	10.23 11.98 14.49 8.36 8.59 18.28 15.01 15.92 13.72 ATOR AVERAGE AV	Number of bus routes	e	5	4	6	4	6	2	5	e	3	ω	2	3	_	6	e	2	4
*Train station present in portion of activity centre located within adjoining municipality.	GE AGE	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
	GREAT GOOD AVERAGE	PERFORMANCE INDICAT	OR								* +	ain station	present ir	portion c	of activity	centre loc	ated with	in adjoinin	g municip	ality.

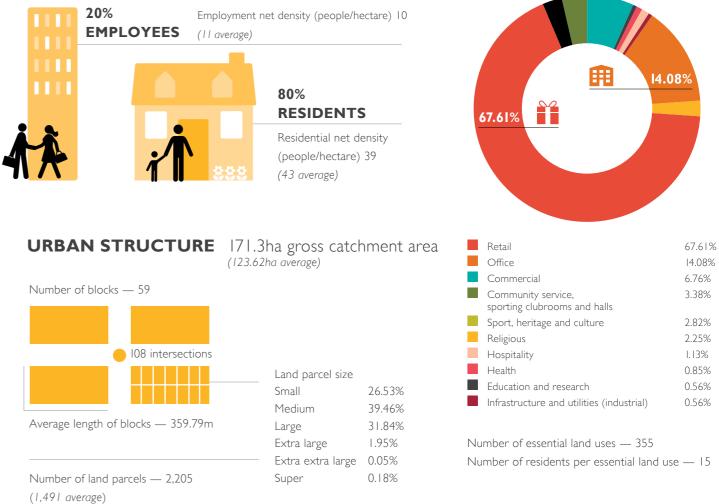
EIGH

LOCAL MOVEMENT



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



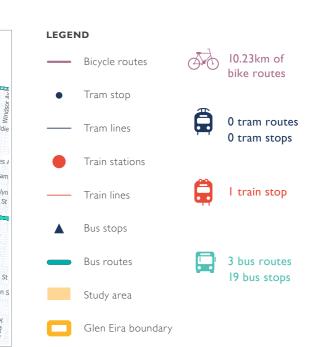


[†]Population and employment data is based on 2011 ABS Census data.

data.

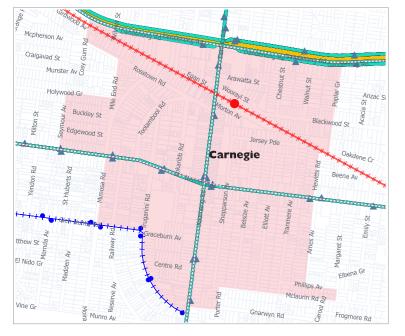
ABS Census

201

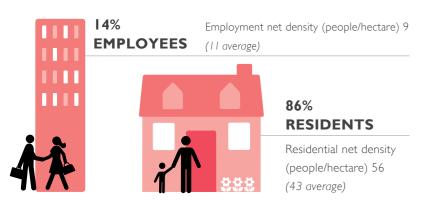


LAND USE

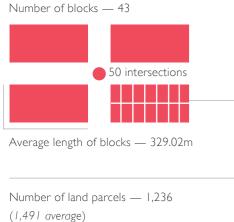
LOCAL MOVEMENT



POPULATION[†] 4,709 poeple (5,148 average)



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



8

Land parcel size	
Small	27.43%
Medium	48.38%
Large	20.71%
Extra large	2.99%
 Extra extra large	0.32%
Super	0.16%



II.98km of

bike routes

I tram route

A

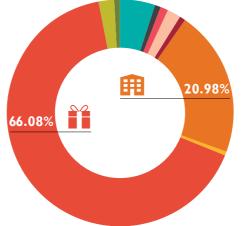
LEGEND

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Bicycle routes

Tram stop

Tram lines

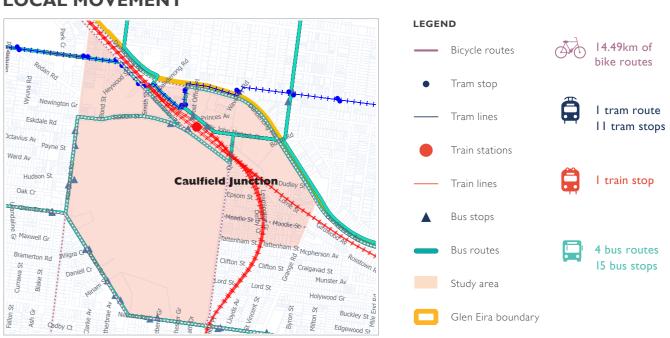


Retail	66.08%
Office	20.98%
Commercial	5.24%
Community service, sporting clubrooms and halls	0.70%
Sport, heritage and culture	2.10%
Religious	0.35%
Hospitality	2.10%
Health	1.05%
Education and research	0.70%
Infrastructure and utilities (industrial)	0.70%

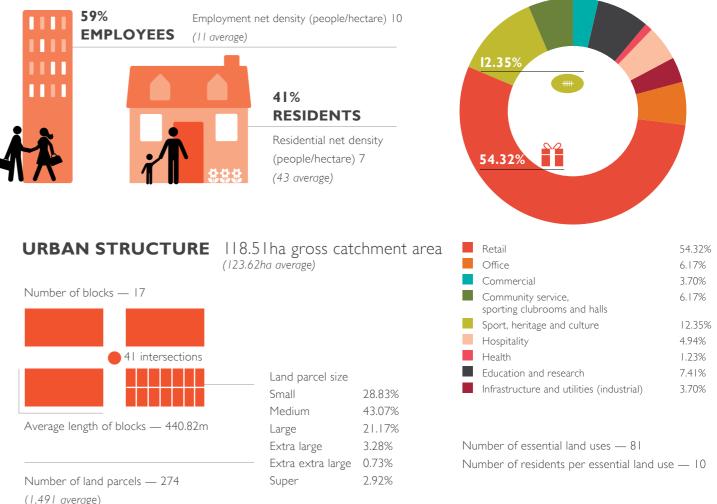
Number of essential land uses — 286 Number of residents per essential land use — 14

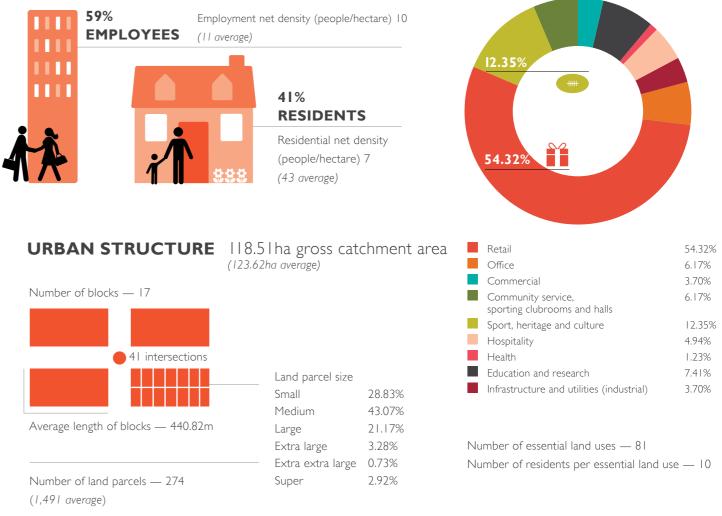
CAULFIELD JUNCTION

LOCAL MOVEMENT



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

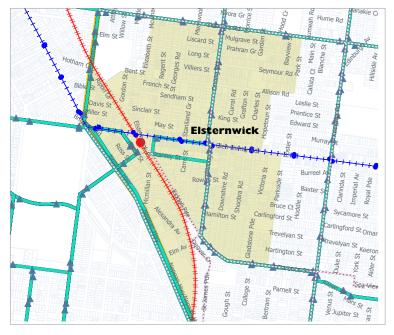




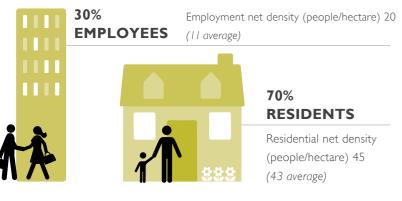
LAND USE

ELSTERNWICK

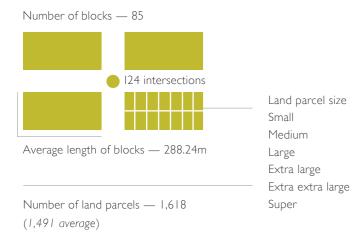
LOCAL MOVEMENT

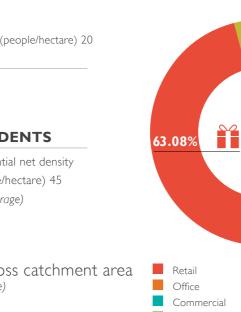


POPULATION[†] 7,635 people (5,148 average)



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





23.61%

44.50%

25.83%

5.25%

0.31%

0.49%

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Bicycle routes

Tram stop

Tram lines

Train stations

Train lines

Bus stops

Bus routes

Glen Eira boundary

LAND USE

Study area

LEGEND

Retail	63.08%
Office	18.97%
Commercial	3.08%
Community service, sporting clubrooms and halls	1.28%
Sport, heritage and culture	2.82%
Religious	1.79%
Hospitality	5.13%
Health	1.03%
Education and research	2.31%
Infrastructure and utilities (industrial)	0.51%

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8.36km of

bike routes

I tram route

10 tram stops

I train stop

9 bus routes

33 bus stops

18.97%

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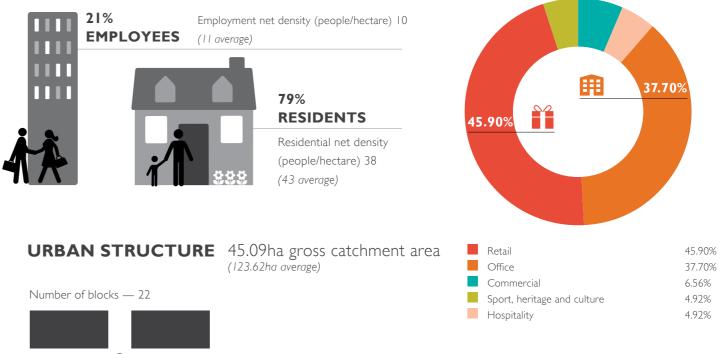
Number of essential land uses — 390 Number of residents per essential land use — 14

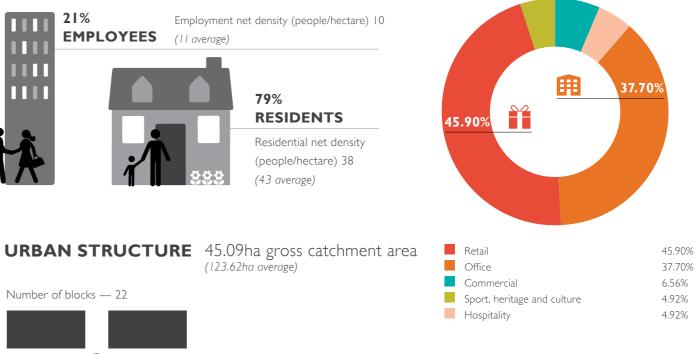
MOORABBIN

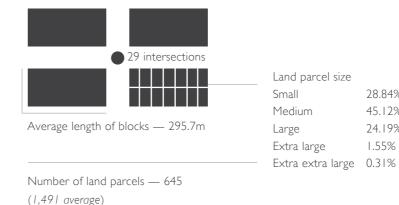
LOCAL MOVEMENT



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







10

LAND USE

28.84% 45.12% 24.19% 1.55%

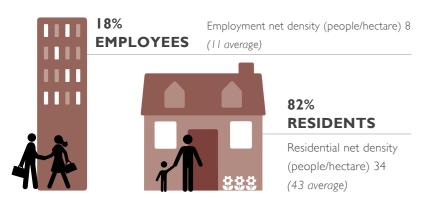
Number of essential land uses — 61 Number of residents per essential land use — 22

EAST VILLAGE

LOCAL MOVEMENT



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



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

Land parcel size

Extra extra large

21.38%

51.99%

25.24%

1.03%

0.04%

0.33%

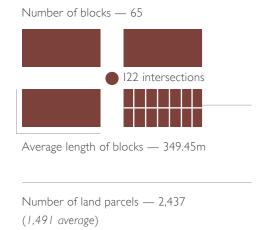
Small

Large

Super

Medium

Extra large





18.28km of

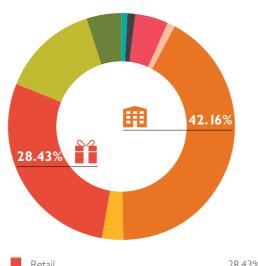
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LAND USE

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Bicycle routes

LEGEND



Retail	28.43%
Office	42.16%
Commercial	0.98%
Community service, sporting clubrooms and halls	4.90%
Sport, heritage and culture	13.73%
Religious	2.94%
Hospitality	0.98%
Health	4.90%
Education and research	0.98%

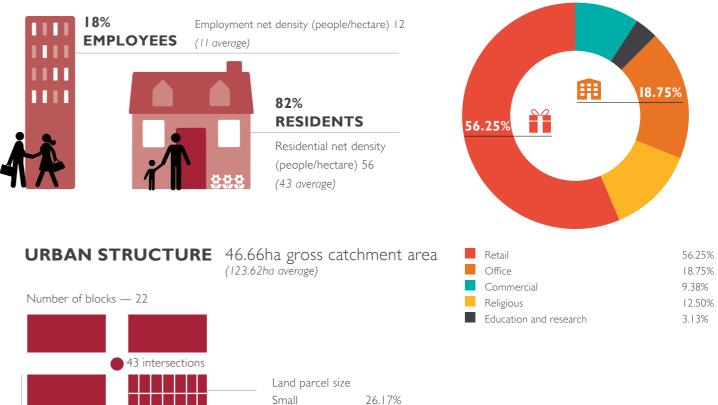
Number of essential land uses - 102 Number of residents per essential land use — 55

ALMA VILLAGE

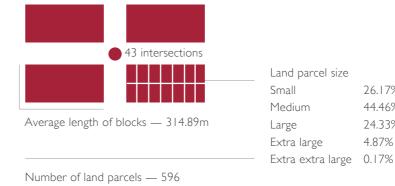
LOCAL MOVEMENT



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



(1,491 average)



LAND USE

44.46% 24.33% 4.87%

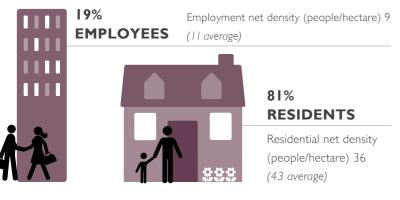
Number of essential land uses — 32 Number of residents per essential land use — 61

BENTLEIGH EAST

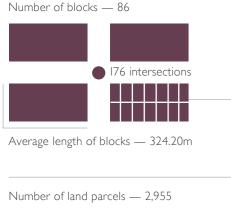
LOCAL MOVEMENT



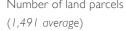
POPULATION[†] 8, ||| people (5, 148 average)



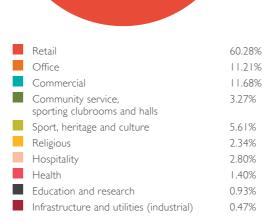
URBAN STRUCTURE 227.09ha gross catchment area (123.62ha average)



Land parcel size	
Small	24.81
Medium	53.16
Large	20.68
Extra large	1.18%
 Extra extra large	0.03%
Super	0.14%



 Land parcel size	
Small	24.81%
Medium	53.16%
Large	20.68%
Extra large	1.18%
 Extra extra large	0.03%
Super	0.14%



LEGEND

Bicycle routes

Tram stop

Tram lines

Train stations

Train lines

Bus stops

Bus routes

Glen Eira boundary

LAND USE

60.28%

Study area

15.92km of

bike routes

0 tram routes

0 tram stops

0 train stops

5 bus routes

28 bus stops

40

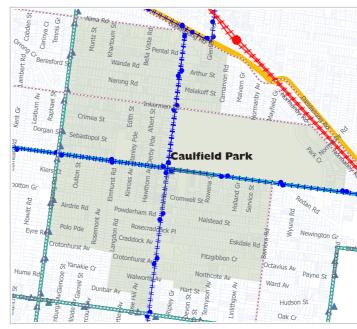
A

11.68%

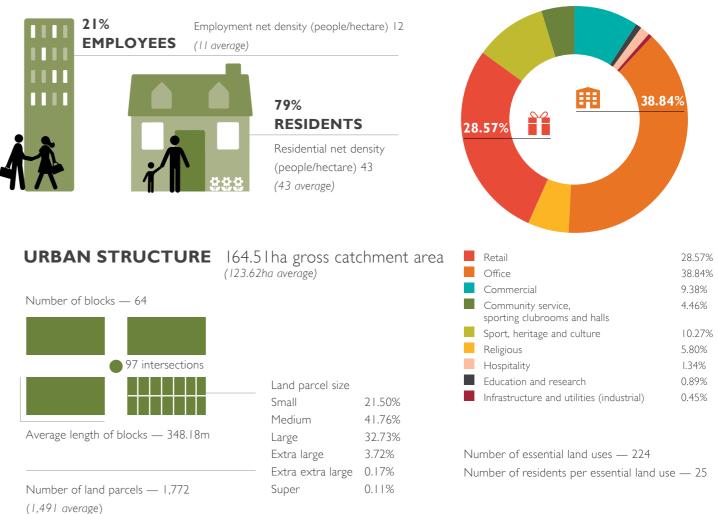
Number of essential land uses — 214 Number of residents per essential land use — 31

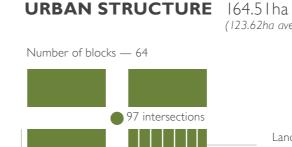
CAULFIELD PARK

LOCAL MOVEMENT

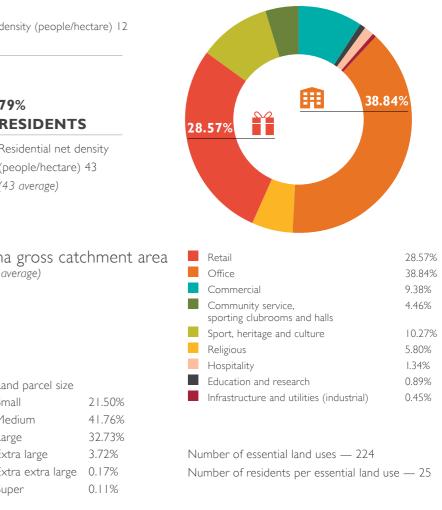


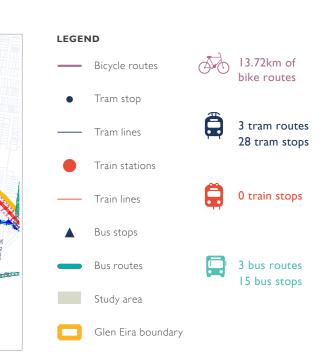
POPULATION[†] 7,270 people (5,148 average)







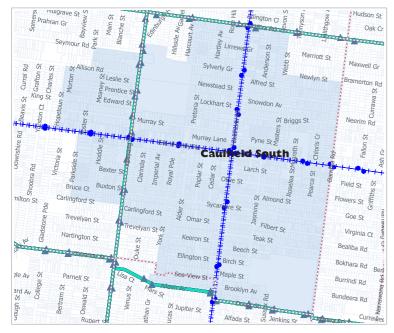




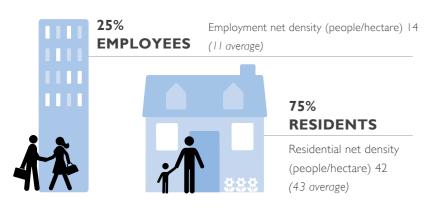
LAND USE

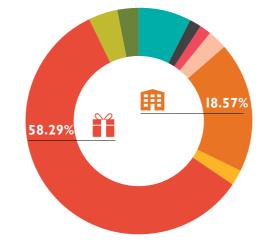
CAULFIELD SOUTH

LOCAL MOVEMENT



POPULATION[†] 9,440 people (5148 average)





12.75km of

bike routes

2 tram routes

26 tram stops

0 train stops

3 bus routes

16 bus stops

58.29%

18.57%

7.71%

2.86%

4.29% 2.29%

2.86%

1.43%

1.71%

40

LEGEND

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Bicycle routes

Tram stop

Tram lines

Train stations

Train lines

Bus stops

Bus routes

Glen Eira boundary

LAND USE

Study area

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

27.02%

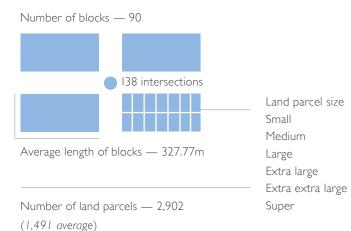
47.69%

21.92%

3.14%

0.03%

0.21%



16

	_	
irea		Retail
		Office
		Commercial
		Community service, sporting clubrooms and halls
		Sport, heritage and culture
		Religious
		Hospitality
		Health
		Education and research

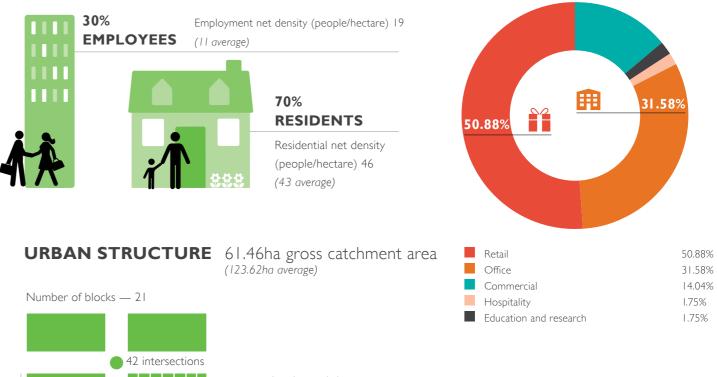
Number of essential land uses — 350 Number of residents per essential land use - 20

GARDENVALE

LOCAL MOVEMENT



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



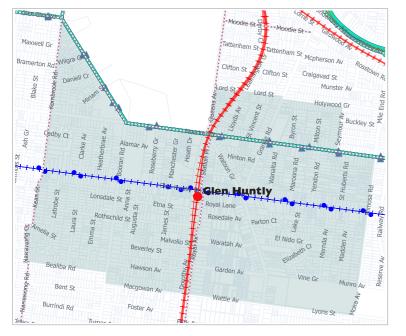




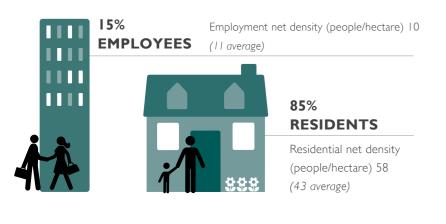
LAND USE

GLEN HUNTLY

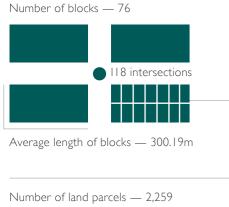
LOCAL MOVEMENT



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



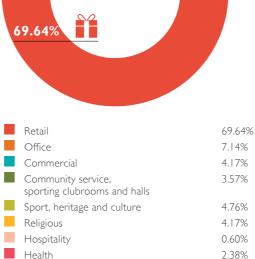
URBAN STRUCTURE 160.44ha gross catchment area (123.62ha average)



(1,491 average)

18

 Land parcel size	
Small	41.12%
Medium	35.55%
Large	20.10%
Extra large	2.79%
 Extra extra large	0.22%
Super	0.22%



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8.36km of

bike routes

I tram route

18 tram stops

I train stop

2 bus routes

15 bus stops

7.14%

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

40

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Bicycle routes

Tram stop

Tram lines

Train stations

Train lines

Bus stops

Bus routes

Glen Eira boundary

LAND USE

Study area

LEGEND

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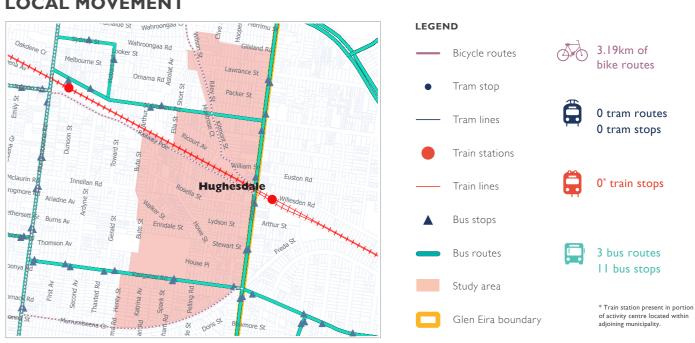
Health 2.98% Education and research Infrastructure and utilities (industrial) 0.60%

Number of essential land uses — 168

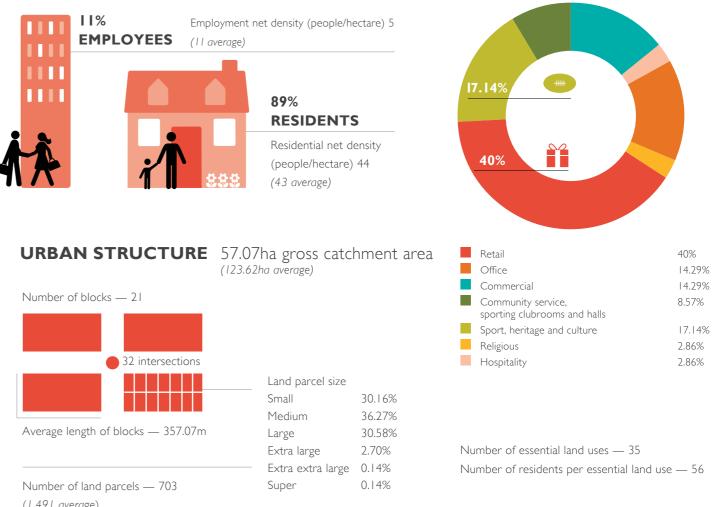
Number of residents per essential land use — 43

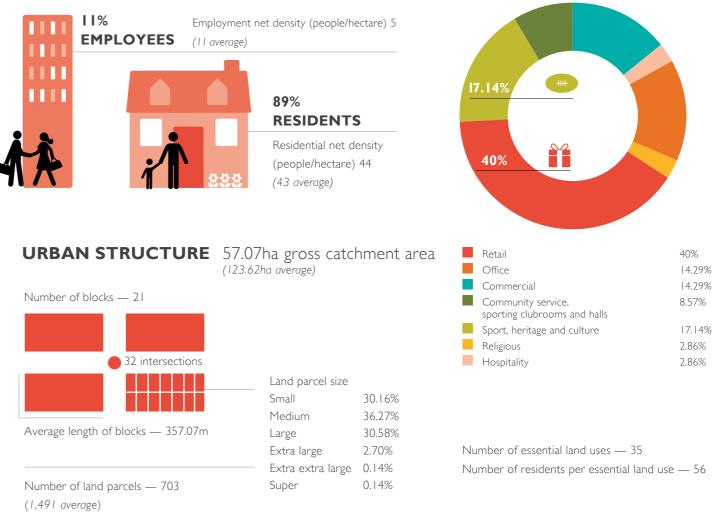
HUGHESDALE

LOCAL MOVEMENT



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



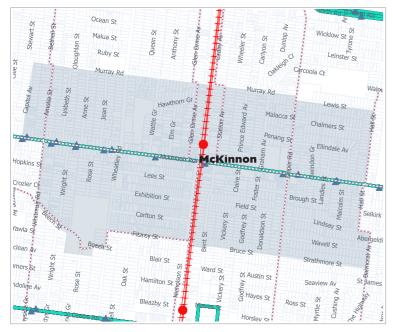


[†]Population and employment data is based on 2011 ABS Census data.

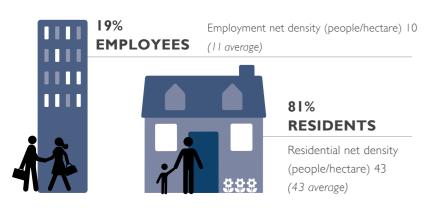
LAND USE

MCKINNON

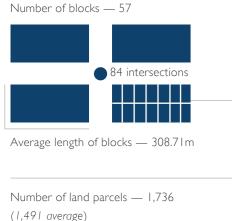
LOCAL MOVEMENT



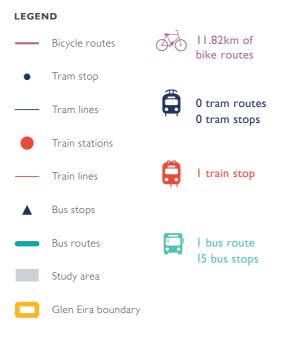
POPULATION[†] 5, 198 people (5, 148 average)



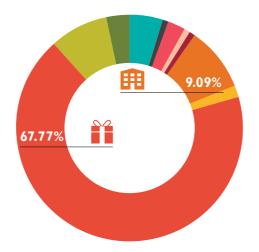
URBAN STRUCTURE 123.8ha gross catchment area (123.62ha average)



Land parcel size	
Small	21.31%
Medium	53.80%
Large	23.50%
Extra large	1.15%
 Extra extra large	0.06%
Super	0.17%



LAND USE



Retail	67.77
Office	9.09%
Commercial	4.96%
Community service, sporting clubrooms and halls	3.31%
Sport, heritage and culture	8.26%
Religious	1.65%
Hospitality	0.83%
Health	2.48%
Education and research	0.83%
Infrastructure and utilities (industrial)	0.83%

Number of essential land uses — [2]

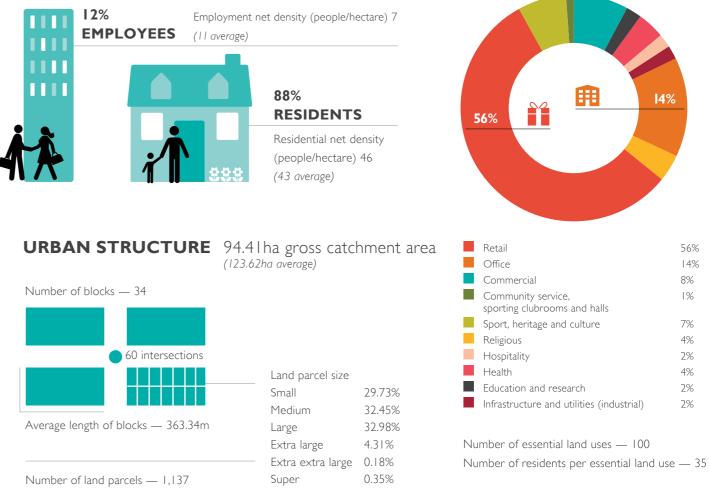
Number of residents per essential land use — 35

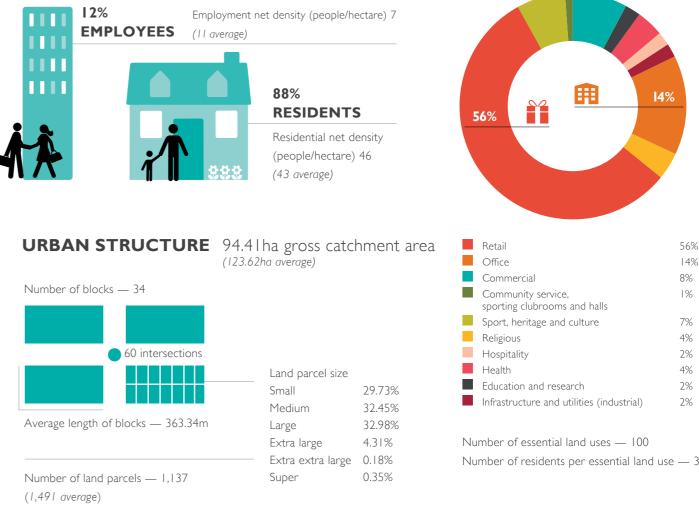
MURRUMBEENA

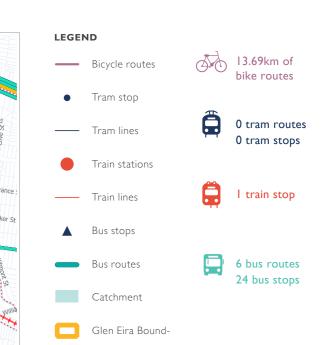
LOCAL MOVEMENT



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



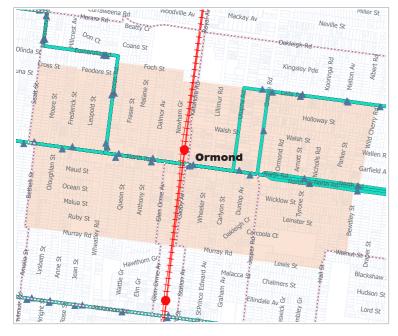




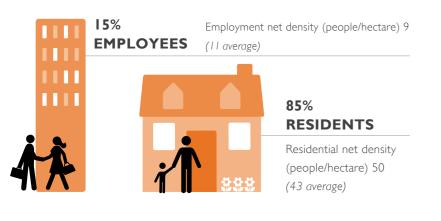
LAND USE

ORMOND

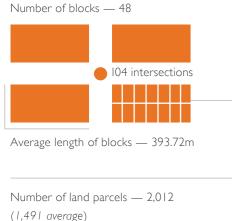
LOCAL MOVEMENT



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

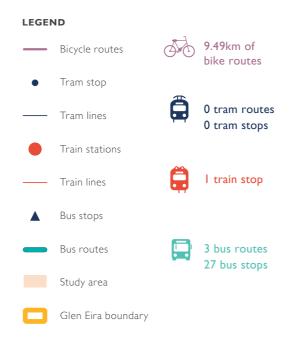


URBAN STRUCTURE 151.56ha gross catchment area (123.62ha average)



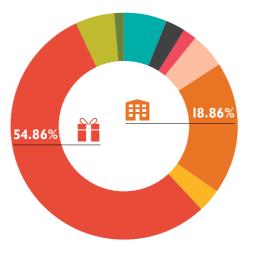
Land parcel size Small 26.84% 35.74% Medium 35.19% Large Extra large 2.04% Extra extra large 0.10% 0.10% Super





LAND USE

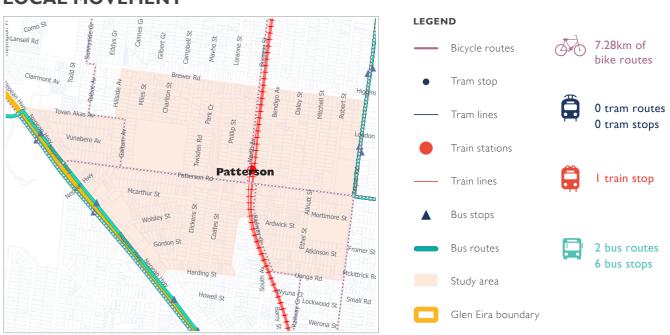
.....



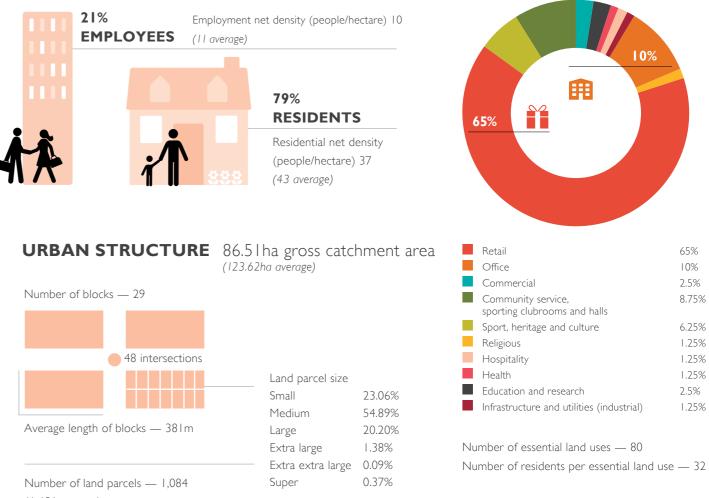
Retail	54.86%
Office	18.86%
Commercial	6.29%
Community service, sporting clubrooms and halls	1.14%
Sport, heritage and culture	5.71%
Religious	3.43%
Hospitality	5.14%
Health	1.71%
Education and research	2.86%

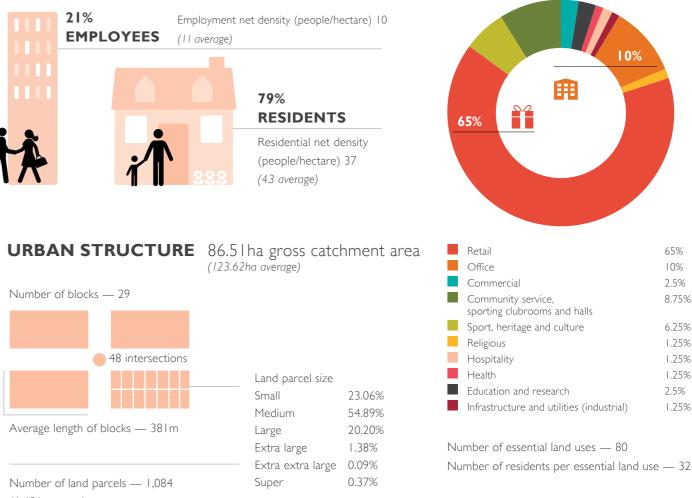
Number of essential land uses — 175 Number of residents per essential land use — 34

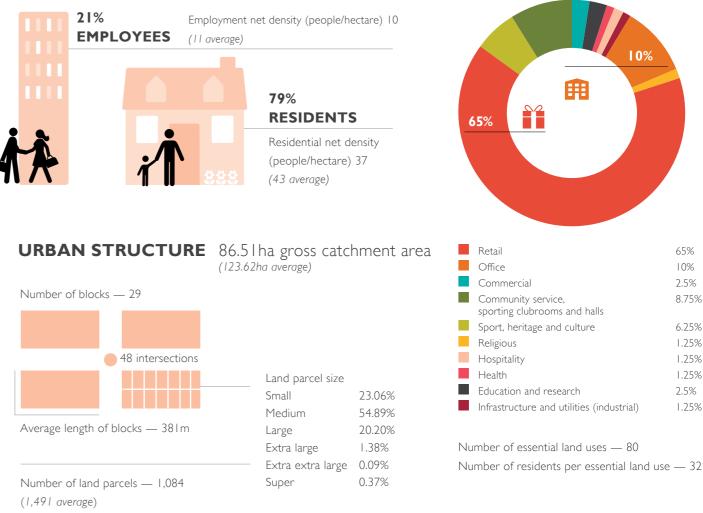
LOCAL MOVEMENT



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

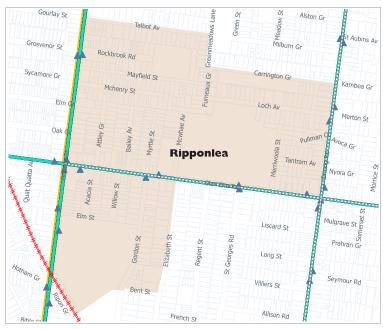




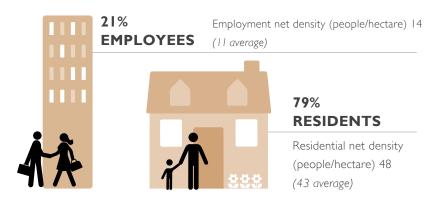


LAND USE

LOCAL MOVEMENT

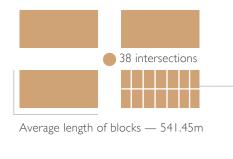


POPULATION[†] 2,407 people (5,148 average)



URBAN STRUCTURE 48.16ha gross catchment area

Number of blocks — 11



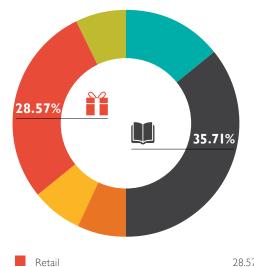
Number of land parcels — 476 (1,491 average)

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

(123.62ha average)



LAND USE



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