BICYCLE NETWORK®

We've got your back

SUPER TUESDAY BIKE COUNT

Palmerston

JULY 2021

BICYCLE NETWORK®

SUPER COUNTS

About the count

About the count

The Super Tuesday Bike Count (Super Tuesday) collects reliable annual figures of bicycle commuters and their movements on roads and paths.

Since 2007, Bicycle Network has conducted bicycle counts at key intersections and corridors that were selected by local governments.

This information is accurate, relevant, up-to-date, and provides a longitudinal reflection of cycling activity and trends. The data is a critical tool for councils and other agencies responsible for providing bicycle riding facilities for their constituents.

Aims and purposes

Super Tuesday is designed to complement the surveys that individual councils and other agencies run on a regular or occasional basis.

The project aims to answer some critical questions:

- How many riders are there?
- Which routes are riders using?
- What is the year-on-year growth?
- How many women are riding?
- When is the busiest hour?

Methodology

The Super Tuesday counters collect data from intersections along popular commuter routes, as well as subsidiary routes with lower rider volumes.

Bicycle Network coordinates the count at locations nominated by traffic engineers, transport planners, and other transport officers from participating councils.

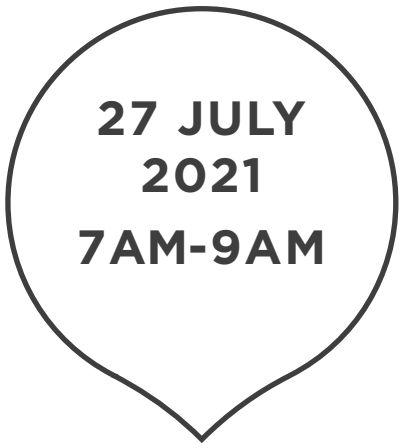
The counts were conducted by volunteer counters who record all movements, gender of riders and their observations in fifteen minute time intervals on standardised count sheets.

Following the completion of the visual count, counters send their data to Bicycle Network by one or more of the following means:

- Online: by entering the data directly via the web link
- Email: by sending completed electronic tally sheet attached
- Mail: by posting hard copy to the Bicycle Network office

The submitted data are validated, analysed and visualised by Bicycle Network, and subsequently compiled into reports for participating councils and other agencies.

Count Summary in Palmerston



COUNT IN 2021

The Super Tuesday Bike Count was conducted on Tuesday 27 July 2021 for two hours from 6:30am to 8:30am.

It was sunny in Palmerston on the day of the count, with east-northeasterly winds reaching 7km/h, and a maximum temperature of 26.4 degrees at 9am.

A recount was done on Tuesday 24 August at sites where required (due to data issues or missed data).

By participating in the count, volunteer counters can choose a local community group to receive a donation of $60. In Palmerston a total of $540 went back to the local community through donations to nominated groups.

COUNT SITES

9 sites were surveyed in Palmerston.

Major commuter corridors include:

- Stuart Hwy
- Lambrick Ave
- Howard Springs SUP

TRAFFIC FLOW

A total of 246 movements ~~was~~ counted at all selected intersections across the council area during the two-hour survey.

The majority of riders across Palmerston (Palmerston) were traveling towards the Palmerston.

BUSIEST SITE

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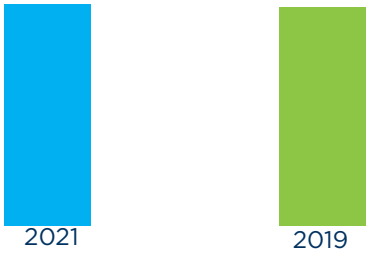
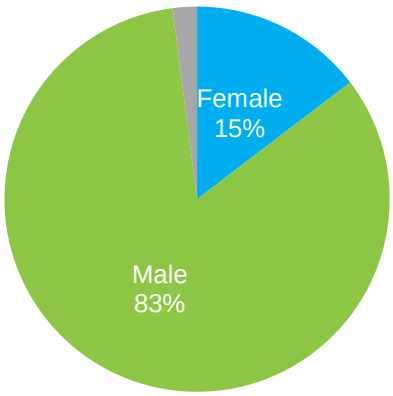
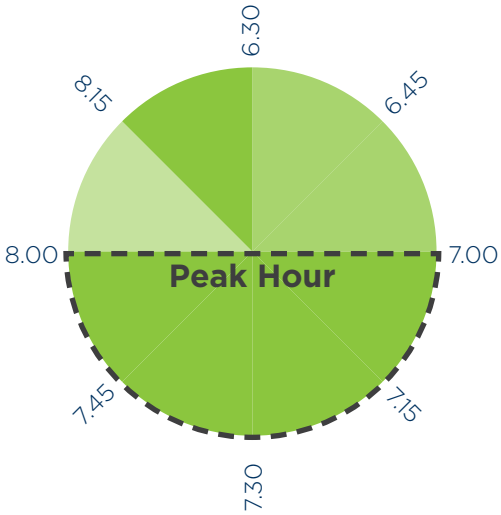
The busiest site was at the intersection of McMillans Rd [NE], Stuart Hwy [SE], Stuart Hwy [NW] (Site 5500 - p[illegible] xx) with an average of 25.6 movements per hour.



2%





GROWTH

Overall, usage has increased by 2% (246 movements) compared to the same 9 sites surveyed in 2019 (242 movements). New sites were excluded from this comparison.

GENDER RATIO

~~Female~~ represented 15% of bike riders across the municipality.

This is considerably lower than the average female ridership across NT (31%), and much less than the Australia-wide average of surveyed areas in 2021 (25%).

COUNT RESULTS

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The summary data table and analysis on each site are included in this chapter.

Data table in Excel spreadsheet is supplied with this report.

PEAK HOUR

The busiest hour was between 7:00 - 8:00am during the survey.

The average volume in 15 minute time intervals is as follows.

- 6:30-6:45m: 3 movements
- 6:45-7:00am: 3 movements
- 7:00-7:15am: 4 movements
- 7:15-7:30am: 4 movements
- 7:30-7:45am: 4 movements
- 7:45-8:00am: 4 movements
- 8:00-8:15am: 2 movements
- 8:15-8:30am: 4 movements

Super Tuesday in 2021

THE COUNT

Bicycle Network's Super Tuesday Bike Count is the world's biggest and longest running visual bike count, where volunteers measure bicycle commuter flows in the morning peak from 7:00am to 9:00am across the country (6:30am – 8:30am in the Northern Territory). The count provides quantitative surveys with figures on the movements of bike users, helping councils provide and improve infrastructure and facilities for people riding bikes.

This year, the Super Tuesday Bike Count was conducted on Tuesday 27 July between 6:30am – 8:30am in Darwin, Palmerston and Katherine. Where necessary, a recount was conducted on Tuesday 24 August. The recount was initially scheduled for 17 August, but had to be rescheduled due to COVID-19 lockdowns across the Top End.

In the 2021 count, 65 sites were surveyed across 3 councils. Our counters recorded over 3,600 movements across the Top End. This survey complements the Super Tuesday South counts done in March 2021, when 725 other sites were counted across Victoria, New South Wales, Tasmania, South Australia, Western Australia and Alice Springs.

This year, our national results reveal a 32% decrease when compared with the same sites surveyed during the previous count. There are a number of potential factors explaining this decline. It is likely that issues related to COVID-19 affected bike riding activity in March and July. These issues may include increased preferences for working from home arrangements, an increase in car-based travel, and the gradual return of employees to offices. Environmental issues, such as weather, may have also contributed.

GENDER

The 2021 Super Tuesday Bike Count revealed females comprised 25% of all bike riders counted across Australia.

PEAK HOUR

The peak riding hour across all sites was between 7:15am and 8:15am, with a total of 2,100 movements recorded. The national peak riding hour was between 7:45am and 8:45am.

RESULTS BY STATES

Northern Territory

In the Northern Territory (Top End), the 2021 count was done in July instead of September like the previous years. Riding activity remained steady when compared to counts undertaken in September 2019. Females comprised 31% of the total riders, well above the national average.

Taking part in the March count for the first time, Alice Springs experienced a 15% increase in bike riding activity, compared to counts undertaken in September 2019. Females comprised 35% of the total riders counted, well above the national average.

Tasmania

In Tasmania, riding activity decreased by 26% in 2021, compared with the same sites counted in 2020. Females comprised 28% of all riders, slightly higher than the national average of 25%.

Victoria

In Victoria, the number of riders has decreased by 36% when compared to the same sites counted in 2020. Despite this net decline, significant volume increases were observed in Wodonga and Wyndham municipal areas. Female riders comprised 27% of the total proportion of riders counted across the state.

New South Wales

Rider numbers increased by 5% in New South Wales, compared with the same sites counted in 2020. Notable areas of growth include Bayside and Canterbury-Bankstown municipal areas. However, female riders were less than the national average, comprising only 21% of the total riders.

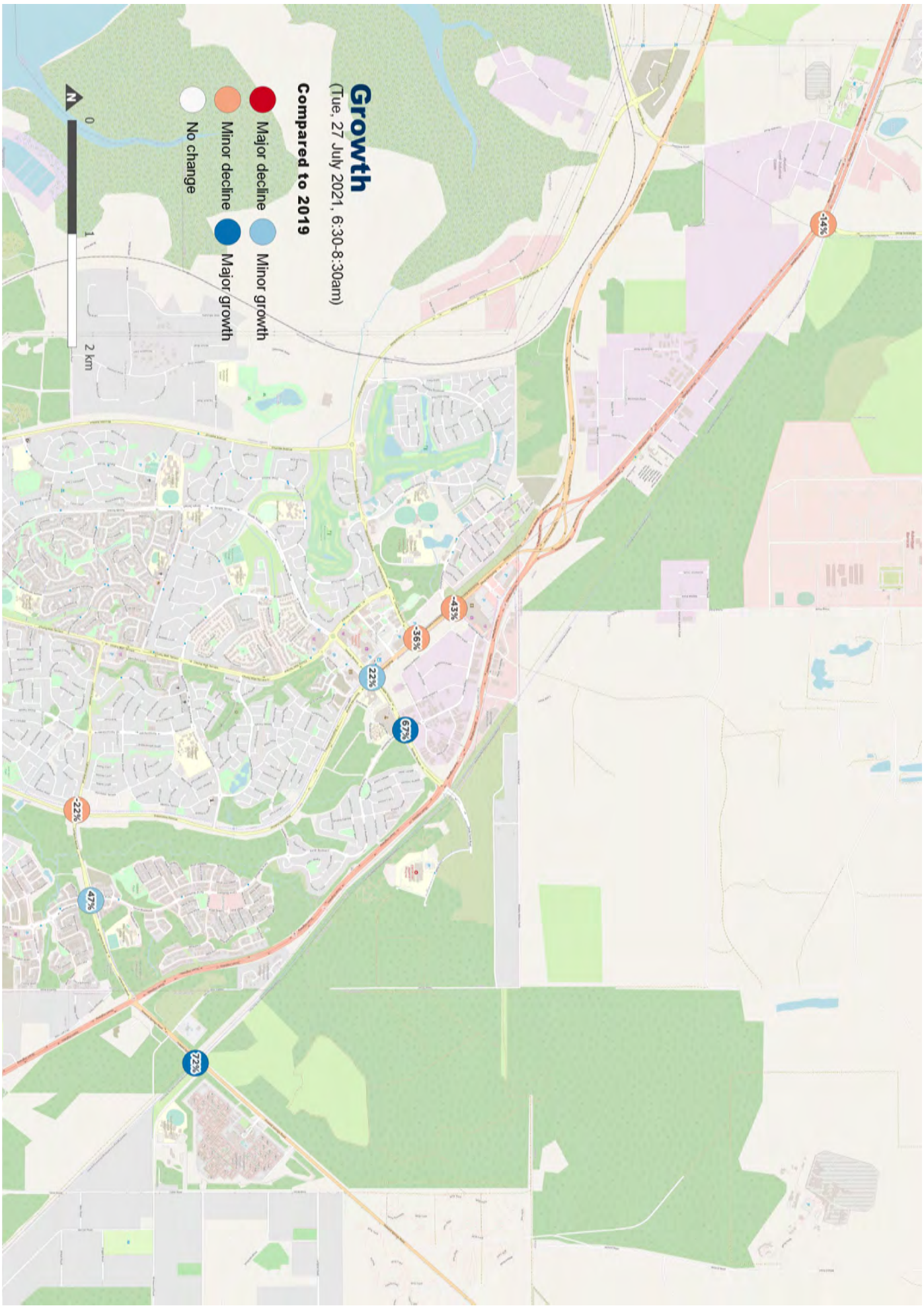
South Australia

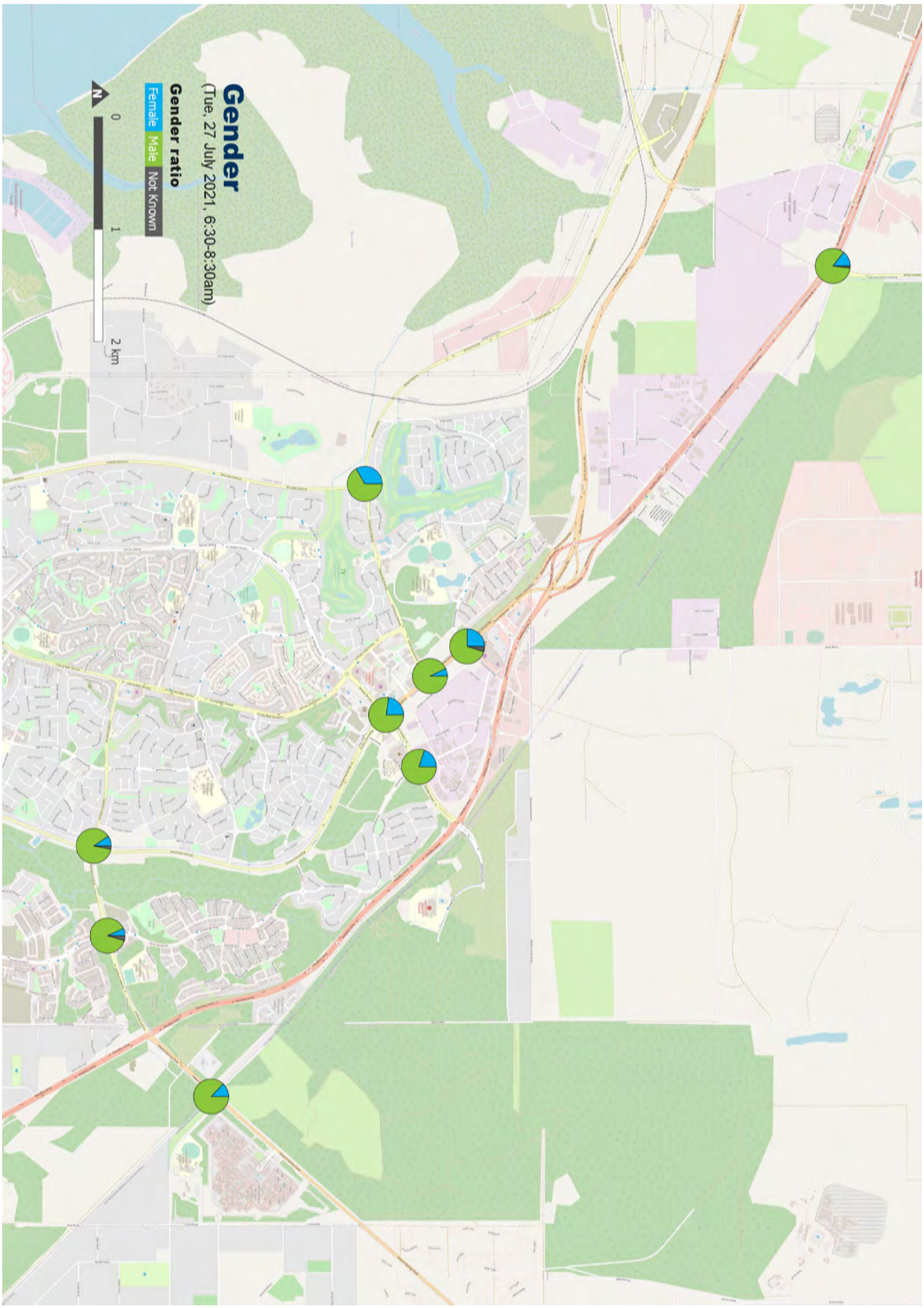
A single shire (Marion) was available for cross-comparison with 2020 results. In this area, bicycle activity has increased by 33%. In addition, females comprised 32% of the total riders counted.

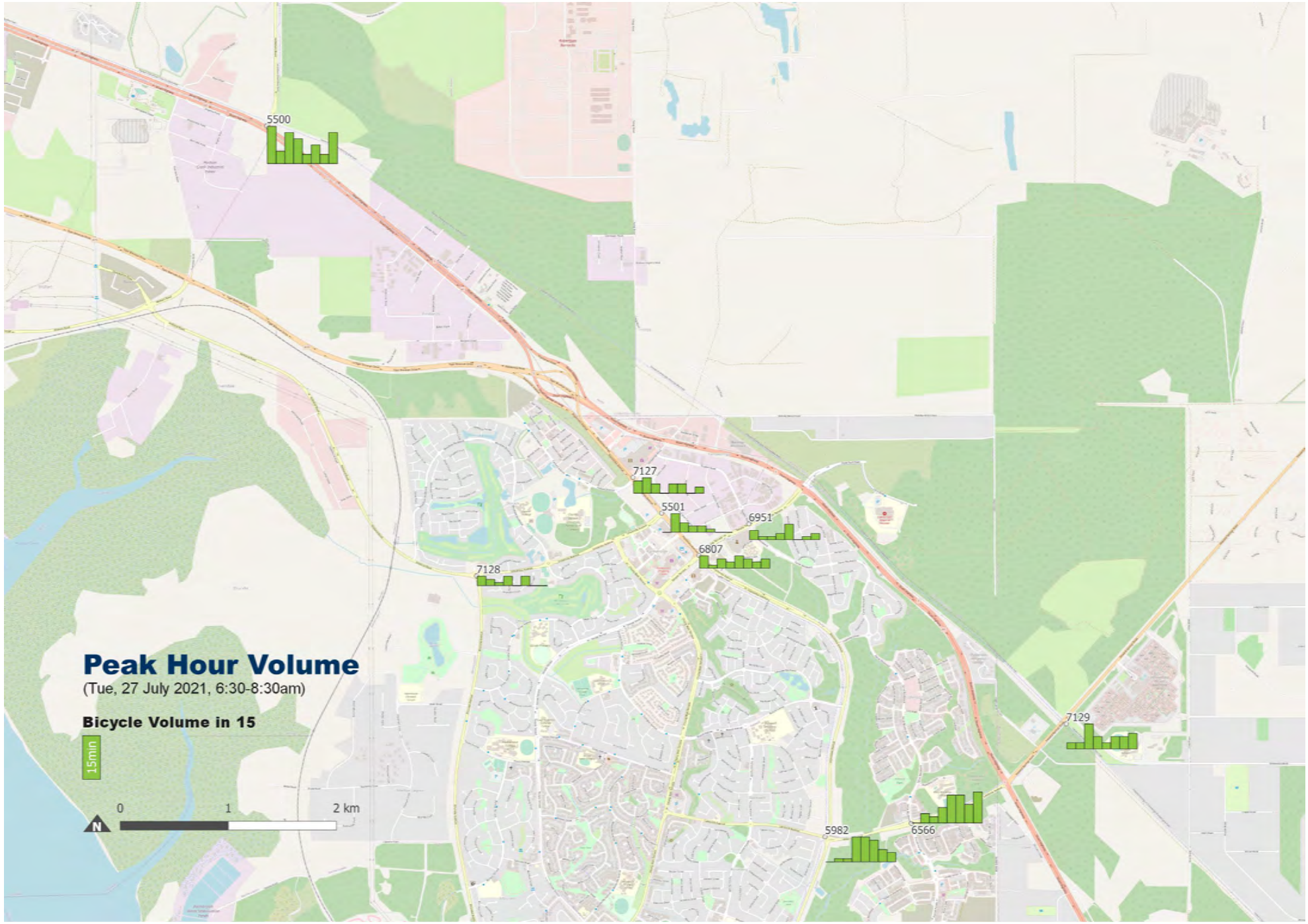
Western Australia

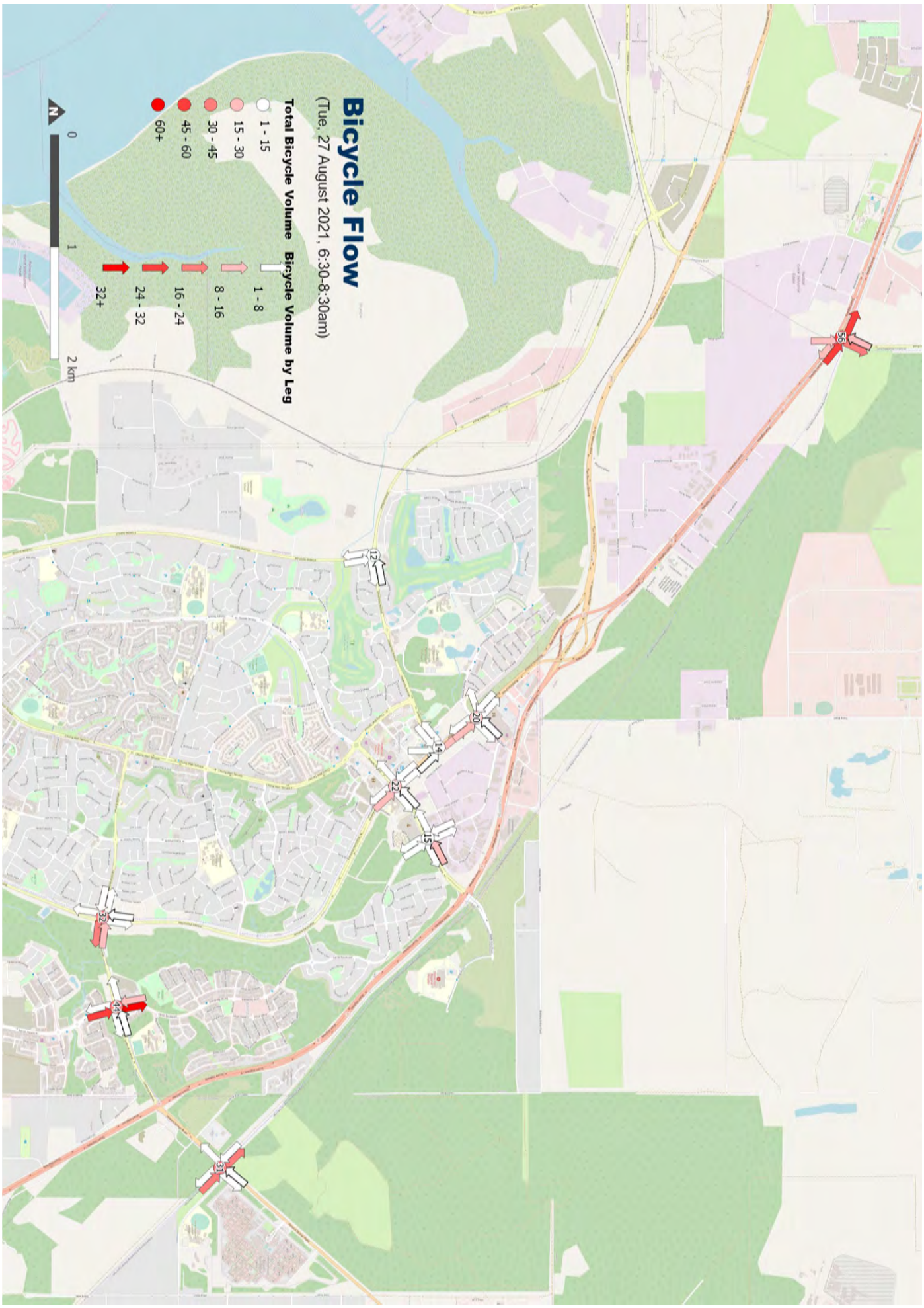
The total number of riders in Western Australia has decreased by 32%, compared to the same sites counted in 2020. Female riders comprised 19%, much lower than the national average.


5500
7127
5501
6951
6807
7128
7129
6566
5982
Count Locations
(Tue, 27 July 2021, 6:30-8:30am)
Sites
Counted on 24th August 2021
Counted on 27th July 2021
Counted on 7th September 2021
0
1
2 km
N


Growth
(Tue, 27 July 2021, 6:30-8:30am)
Compared to 2019
Major decline
Minor decline
No change
Minor growth
Major growth
N
0
1
2 km
-14%
-43%
-36%
22%
67%
-22%
47%
72%


Gender
(Tue, 27 July 2021, 6:30-8:30am)
Gender ratio
Female
Male
Not Known
N
0
1
2 km


5500
7127
5501
6951
6807
7128
7129
5982
6566
Peak Hour Volume
(Tue, 27 July 2021, 6:30-8:30am)
Bicycle Volume in 15
15min
0
1
2 km
N


Bicycle Flow
(Tue, 27 August 2021, 6:30-8:30am)
Total Bicycle Volume
1 - 15
15 - 30
30 - 45
45 - 60
60+
Bicycle Volume by Leg
1 - 8
8 - 16
16 - 24
24 - 32
32+
N
0
1
2 km
56
12
20
14
22
15
32
44
31

Results

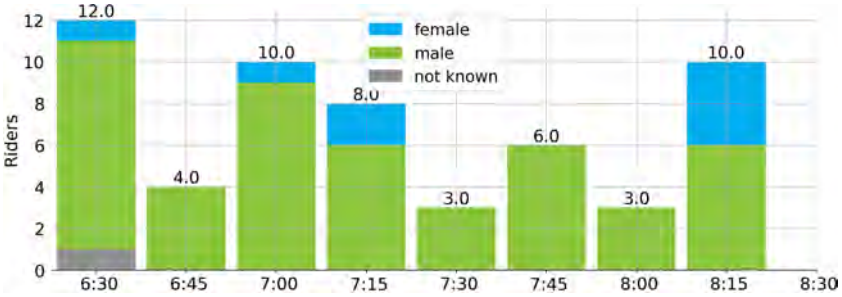
Site ID	Street names	Total Count						Volume in 15 Minute Intervals							
		Female	Male	Not Known	2021	2019	% Growth	6:30-6:45	6:45-7:00	7:00-7:15	7:15-7:30	7:30-7:45	7:45-8:00	8:00-8:15	8:15-8:30
5500	McMillans Rd [NE], Stuart Hwy [SE], Stuart Hwy [NW]	8	47	1	56	65	-14%	12	4	10	8	3	6	3	10
5501	Roystonea Ave [SE], University Ave [SW], Roystonea Ave [NW]	1	13	0	14	22	-36%	0	6	3	2	2	1	0	0
5982	Roystonea Ave [N], Lambrick Ave [E], Roystonea Ave [S], Lambrick Ave [W]	3	28	1	32	41	-22%	0	1	1	8	8	7	4	3
6566	Lambrick Ave [E], Zuccoli Pde [S], Lambrick Ave [W], Farrar Blvd [N]	3	39	2	44	30	47%	0	3	2	5	9	9	6	10
6807	Temple Tce [NE], Roystonea Ave/ Footpath [SE], Temple Tce/Footpath [SW], Roystonea Ave/Footpath [NW]	5	17	0	22	18	22%	4	1	3	2	4	3	2	3
6951	Temple Terrace [NE], Farrar Boulevard [SE], Temple Terrace [SW], Toupein Road [NW]	3	12	0	15	9	67%	3	1	1	2	5	0	1	2
7127	Yarrawonga Rd [NE], Roystonea Ave [SE], Packard Ave [W], Roystonea Ave [NW]	5	14	1	20	35	-43%	4	5	3	0	3	3	0	2
7128	University Ave [E], Elrundie Ave [S], Kirkland Rd [W]	4	8	0	12	4	200%	3	2	1	3	0	3	0	0
7129	Howard Springs Rd [NE], Howard Springs shared path [SE], Howard Springs Rd [SW], Howard Springs shared path [NW]	4	27	0	31	18	72%	2	2	8	4	2	4	4	5

Site 5500

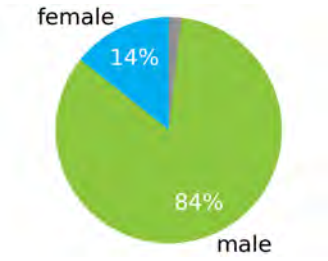
McMillans Rd [NE], Stuart Hwy [SE], Stuart Hwy [NW]

56 bicycle riders were recorded during the 2 hour survey. This is a decrease of 14% compared to 65 in 2019 and an increase of 60% compared to 35 in 2011. The peak period was 06:30-06:45 with 12 riders. Female riders comprised 14% of the total.

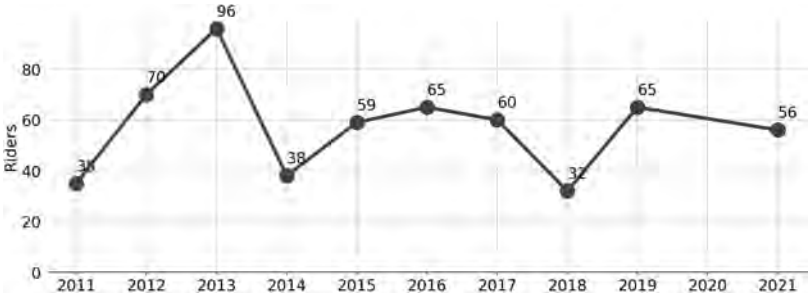
Traffic Volume by Time



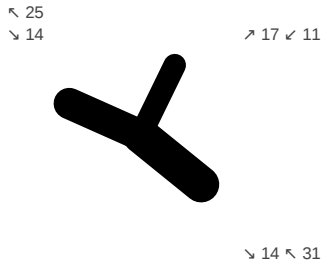
Gender Ratio



Cycling Trend



Traffic Flow



Raw Data

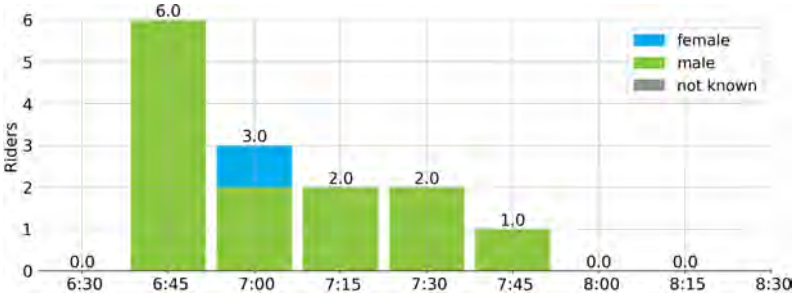
Enter	1 McMillans Rd [NE]		2 Stuart Hwy [SE]		3 Stuart Hwy [NW]		
Exit	**2**	**3**	**1**	**3**	**1**	**2**	**Total**
Female	1	0	1	3	3	0	8
Male	7	3	8	19	5	5	47
Not known	0	0	0	0	0	1	1
Total	**8**	**3**	**9**	**22**	**8**	**6**	**56**

Site 5501

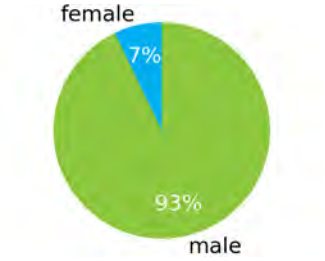
Roystonea Ave [SE], University Ave [SW], Roystonea Ave [NW]

14 bicycle riders were recorded during the 2 hour survey. This is a decrease of 36% compared to 22 in 2019 and a decrease of 76% compared to 59 in 2012. The peak period was 06:45-07:00 with 6 riders. Female riders comprised 7% of the total.

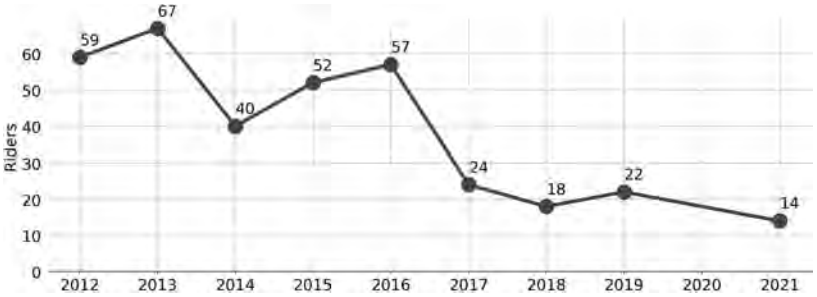
Traffic Volume by Time



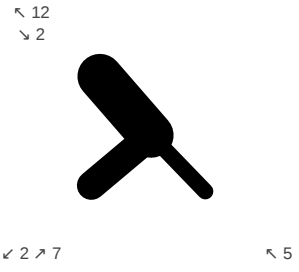
Gender Ratio



Cycling Trend



Traffic Flow

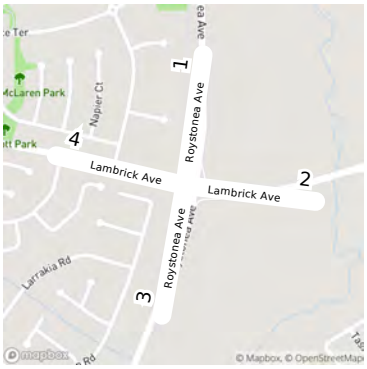


Raw Data

Enter	1 Roystonea Ave [SE]		2 University Ave [SW]		3 Roystonea Ave [NW]		
Exit	**2**	**3**	**1**	**3**	**1**	**2**	**Total**
Female	0	1	0	0	0	0	1
Male	0	4	0	7	0	2	13
Not known	0	0	0	0	0	0	0
Total	**0**	**5**	**0**	**7**	**0**	**2**	**14**

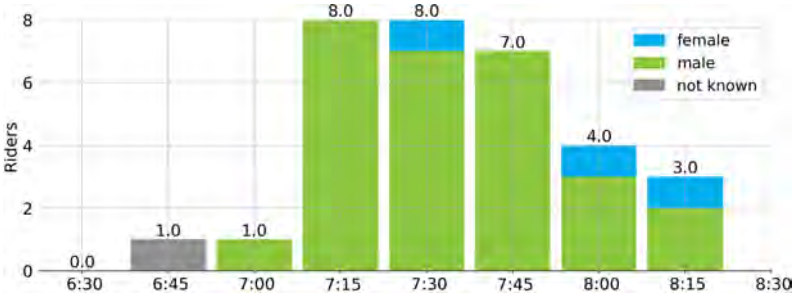
Site 5982

Roystonea Ave [N], Lambrick Ave [E], Roystonea Ave [S], Lambrick Ave [W]



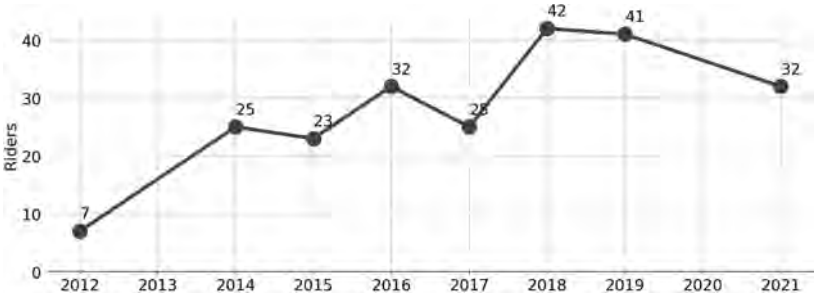
32 bicycle riders were recorded during the 2 hour survey. This is a decrease of 22% compared to 41 in 2019 and an increase of 357% compared to 7 in 2012. The peak period was 07:15-07:30 with 8 riders. Female riders comprised 9% of the total.

Traffic Volume by Time

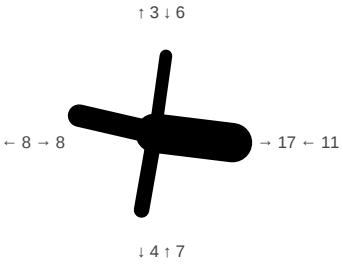


Gender Ratio

Cycling Trend



Traffic Flow



Raw Data

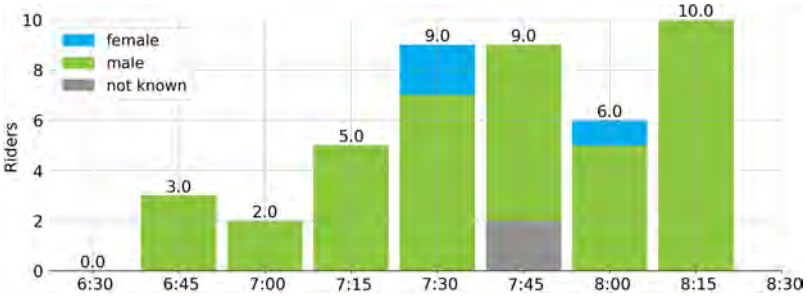
Enter	1 Roystonea Ave [N]			2 Lambrick Ave [E]			3 Roystonea Ave [S]			4 Lambrick Ave [W]			
Exit	**2**	**3**	**4**	**1**	**3**	**4**	**1**	**2**	**4**	**1**	**2**	**3**	**Total**
Female	0	0	0	0	1	0	0	1	0	0	1	0	3
Male	4	1	1	2	1	7	0	6	0	1	4	1	28
Not known	0	0	0	0	0	0	0	0	0	0	1	0	1
Total	**4**	**1**	**1**	**2**	**2**	**7**	**0**	**7**	**0**	**1**	**6**	**1**	**32**

Site 6566

Lambrick Ave [E], Zuccoli Pde [S], Lambrick Ave [W], Farrar Blvd [N]

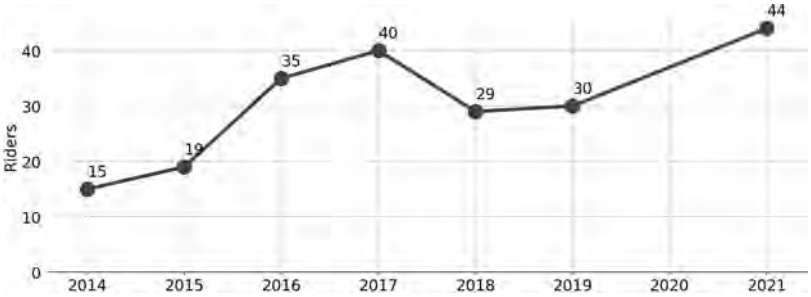
44 bicycle riders were recorded during the 2 hour survey. This is an increase of 47% compared to 30 in 2019 and an increase of 193% compared to 15 in 2014. The peak period was 08:15-08:30 with 10 riders. Female riders comprised 7% of the total.

Traffic Volume by Time

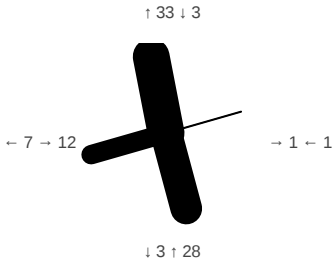


Gender Ratio

Cycling Trend



Traffic Flow



Raw Data

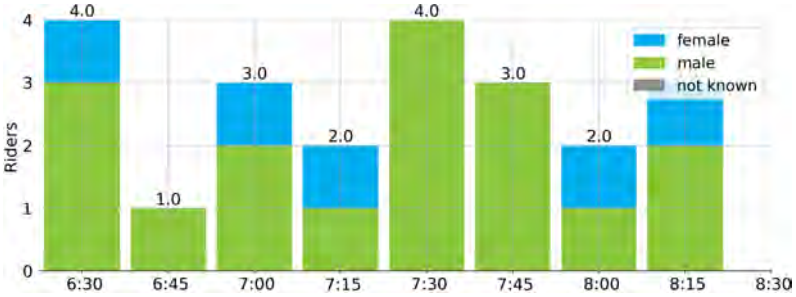
Enter	1 Lambrick Ave [E]			2 Zuccoli Pde [S]			3 Lambrick Ave [W]			4 Farrar Blvd [N]			
Exit	**2**	**3**	**4**	**1**	**3**	**4**	**1**	**2**	**4**	**1**	**2**	**3**	**Total**
Female	0	0	0	0	2	1	0	0	0	0	0	0	3
Male	0	0	1	0	4	19	1	1	10	0	2	1	39
Not known	0	0	0	0	0	2	0	0	0	0	0	0	2
Total	**0**	**0**	**1**	**0**	**6**	**22**	**1**	**1**	**10**	**0**	**2**	**1**	**44**

Site 6807

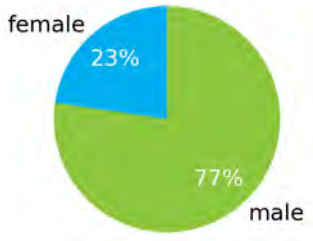
Temple Tce [NE], Roystonea Ave/Footpath [SE], Temple Tce/Footpath [SW], Roystonea Ave/Footpath [NW]

22 bicycle riders were recorded during the 2 hour survey. This is an increase of 22% compared to 18 in 2019 and a decrease of 31% compared to 32 in 2015. The peak period was 06:30-06:45 with 4 riders. Female riders comprised 23% of the total.

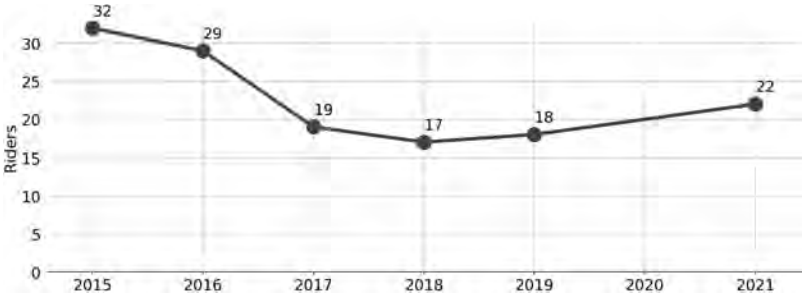
Traffic Volume by Time



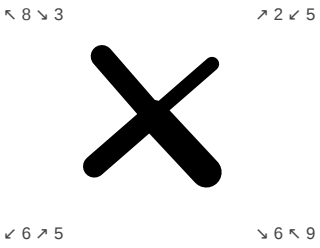
Gender Ratio



Cycling Trend



Traffic Flow

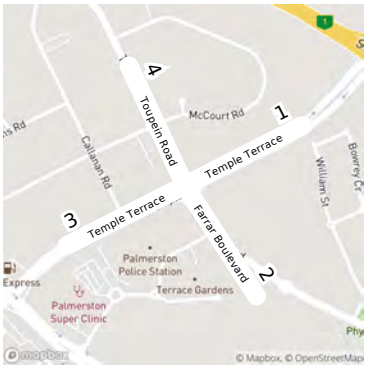


Raw Data

Enter	1 Temple Tce [NE]			2 Roystonea Ave/ Footpath [SE]			3 Temple Tce/Footpath [SW]			4 Roystonea Ave/ Footpath [NW]			
Exit	**2**	**3**	**4**	**1**	**3**	**4**	**1**	**2**	**4**	**1**	**2**	**3**	**Total**
Female	0	1	0	0	1	2	0	1	0	0	0	0	5
Male	2	2	0	0	2	4	1	1	2	1	2	0	17
Not known	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2**	**3**	**0**	**0**	**3**	**6**	**1**	**2**	**2**	**1**	**2**	**0**	**22**

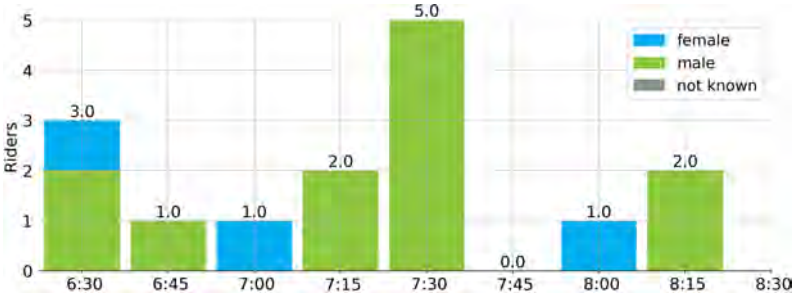
Site 6951

Temple Terrace [NE], Farrar Boulevard [SE], Temple Terrace [SW], Toupein Road [NW]

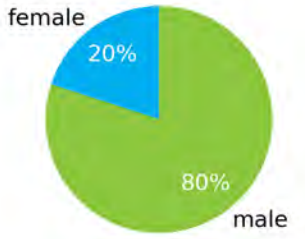


15 bicycle riders were recorded during the 2 hour survey. This is an increase of 67% compared to 9 in 2019 and an increase of 15% compared to 13 in 2016. The peak period was 07:30-07:45 with 5 riders. Female riders comprised 20% of the total.

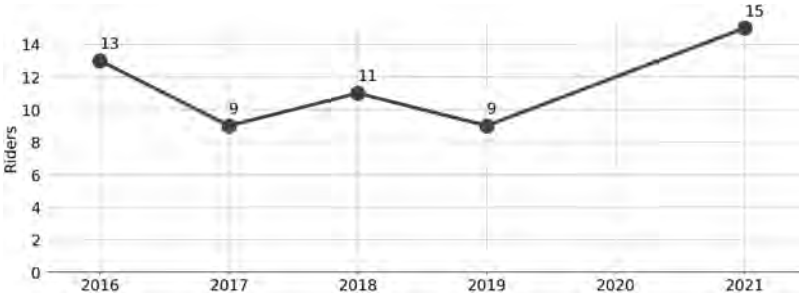
Traffic Volume by Time



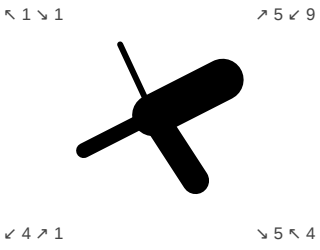
Gender Ratio



Cycling Trend



Traffic Flow



Raw Data

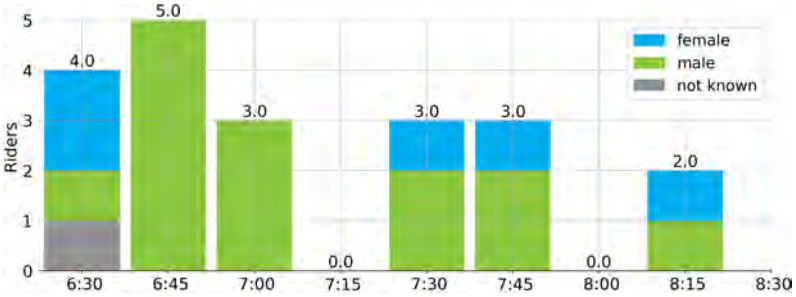
Enter	1 Temple Terrace [NE]			2 Farrar Boulevard [SE]			3 Temple Terrace [SW]			4 Toupein Road [NW]			
Exit	**2**	**3**	**4**	**1**	**3**	**4**	**1**	**2**	**4**	**1**	**2**	**3**	**Total**
Female	0	2	0	0	0	0	1	0	0	0	0	0	3
Male	5	2	0	3	0	1	0	0	0	1	0	0	12
Not known	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**5**	**4**	**0**	**3**	**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**15**

Site 7127

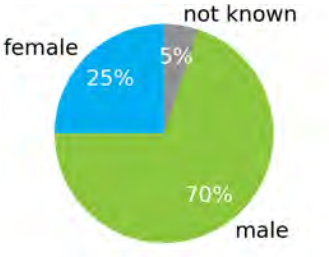
Yarrawonga Rd [NE], Roystonea Ave [SE], Packard Ave [W], Roystonea Ave [NW]

20 bicycle riders were recorded during the 2 hour survey. This is a decrease of 43% compared to 35 in 2019 and a decrease of 35% compared to 31 in 2017. The peak period was 06:45-07:00 with 5 riders. Female riders comprised 25% of the total.

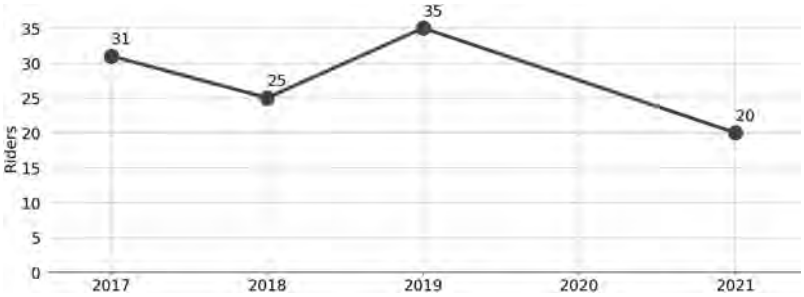
Traffic Volume by Time



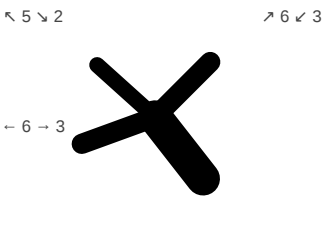
Gender Ratio



Cycling Trend



Traffic Flow



Raw Data

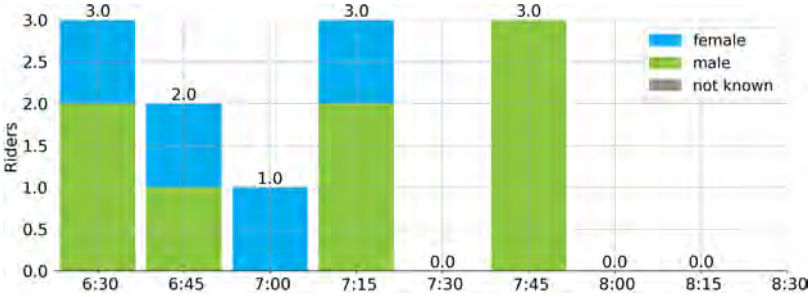
Enter	1 Yarrawonga Rd [NE]			2 Roystonea Ave [SE]			3 Packard Ave [W]			4 Roystonea Ave [NW]			
Exit	**2**	**3**	**4**	**1**	**3**	**4**	**1**	**2**	**4**	**1**	**2**	**3**	**Total**
Female	0	0	0	0	2	0	0	1	1	0	1	0	5
Male	1	1	0	5	1	4	1	0	0	0	0	1	14
Not known	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	**1**	**2**	**0**	**5**	**3**	**4**	**1**	**1**	**1**	**0**	**1**	**1**	**20**

Site 7128

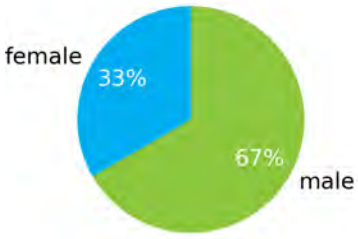
University Ave [E], Elrundie Ave [S], Kirkland Rd [W]

12 bicycle riders were recorded during the 2 hour survey. This is an increase of 200% compared to 4 in 2019 and a decrease of 25% compared to 16 in 2017. The peak period was 06:30-06:45 with 3 riders. Female riders comprised 33% of the total.

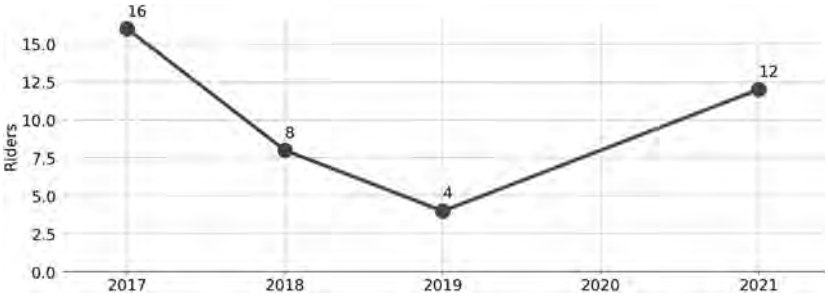
Traffic Volume by Time



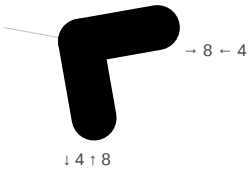
Gender Ratio



Cycling Trend



Traffic Flow



Raw Data

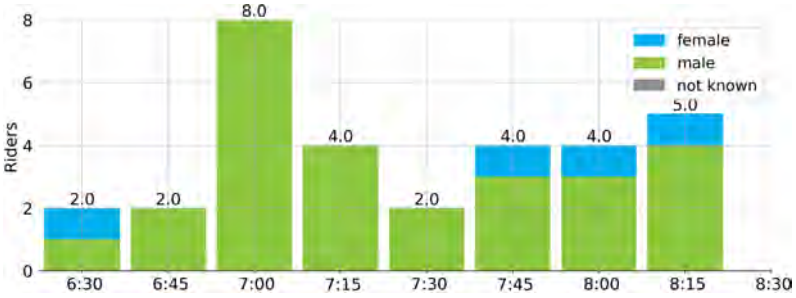
Enter	1 University Ave [E]		2 Elrundie Ave [S]		3 Kirkland Rd [W]		
Exit	**2**	**3**	**1**	**3**	**1**	**2**	**Total**
Female	2	0	2	0	0	0	4
Male	2	0	6	0	0	0	8
Not known	0	0	0	0	0	0	0
Total	**4**	**0**	**8**	**0**	**0**	**0**	**12**

Site 7129

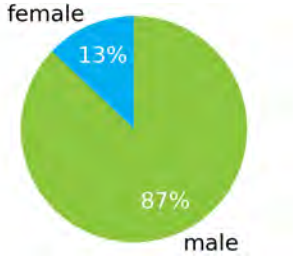
Howard Springs Rd [NE], Howard Springs shared path [SE], Howard Springs Rd [SW], Howard Springs shared path [NW]

31 bicycle riders were recorded during the 2 hour survey. This is an increase of 72% compared to 18 in 2019 and an increase of 520% compared to 5 in 2017. The peak period was 07:00-07:15 with 8 riders. Female riders comprised 13% of the total.

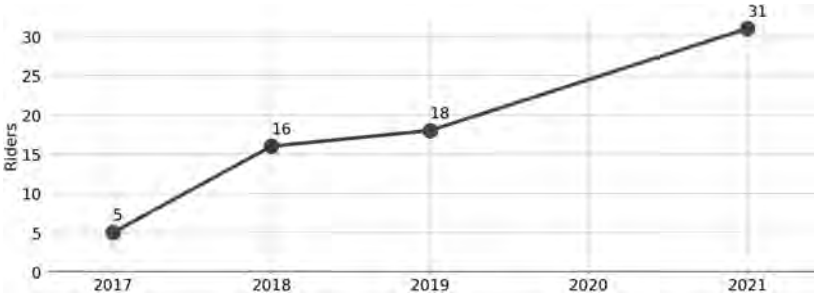
Traffic Volume by Time



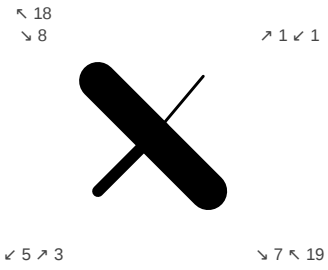
Gender Ratio



Cycling Trend



Traffic Flow



Raw Data

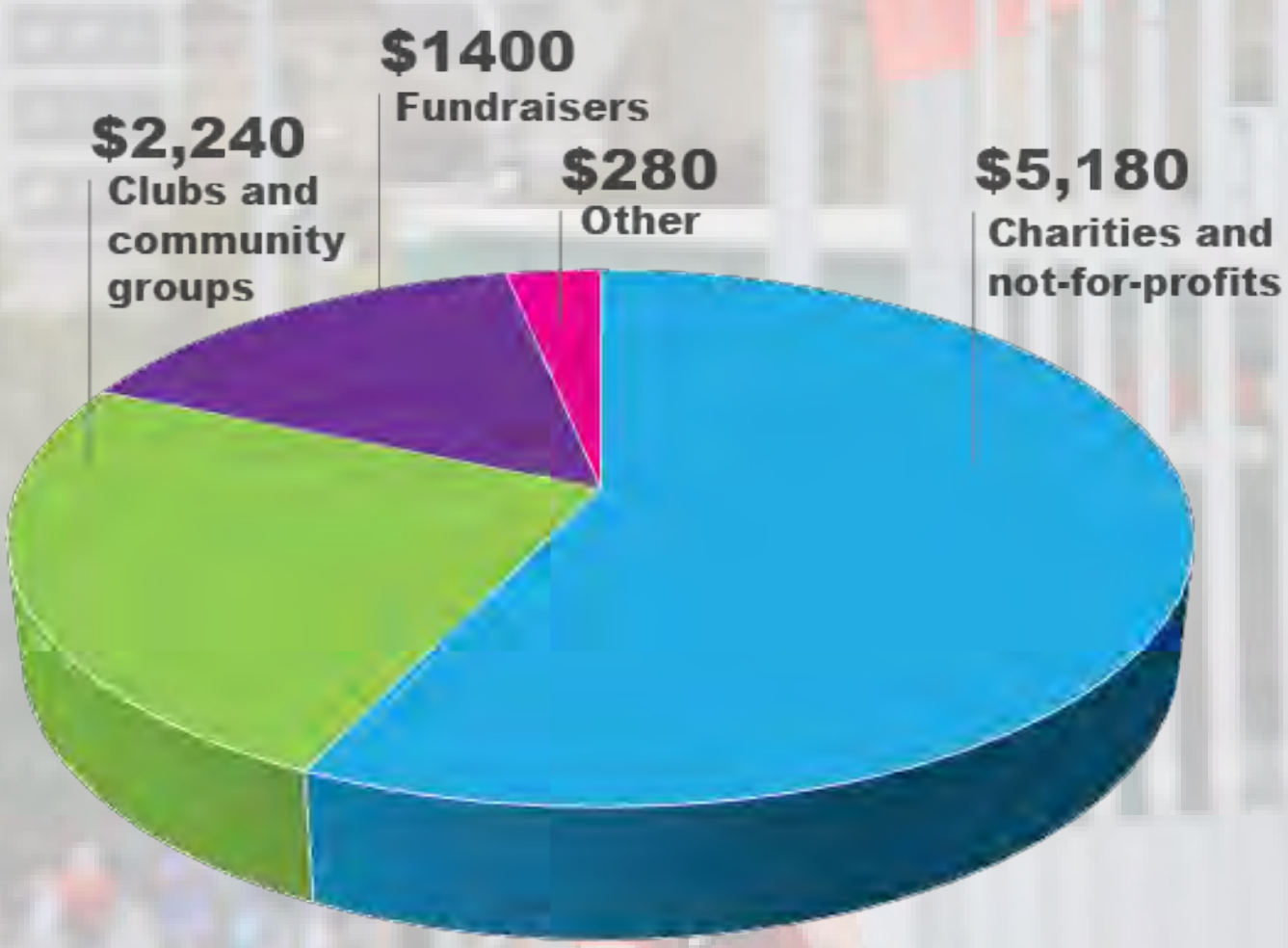
Enter	1 Howard Springs Rd [NE]			2 Howard Springs shared path [SE]			3 Howard Springs Rd [SW]			4 Howard Springs shared path [NW]			
Exit	**2**	**3**	**4**	**1**	**3**	**4**	**1**	**2**	**4**	**1**	**2**	**3**	**Total**
Female	0	0	0	0	1	2	0	0	0	1	0	0	4
Male	0	1	0	0	3	13	0	0	3	0	7	0	27
Not known	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**0**	**1**	**0**	**0**	**4**	**15**	**0**	**0**	**3**	**1**	**7**	**0**	**31**

Contributions

National contributions

The Super Tuesday Bike Count is powered by local volunteers, who collect data at council-nominated locations across Australia. In return, volunteers nominate a non-profit or charity to receive a donation of $60, or place this contribution toward a Bicycle Network membership.

The 2021 Super Tuesday count raised **$9,100** in donations, strengthening local communities and building better active transport outcomes.



BICYCLE NETWORK®

With nearly 50,000 members, Bicycle Network is the largest member-based bike riding organisation in Australia. At Bicycle Network, we campaign for better conditions, infrastructure and policies that make it easier and more accessible for people of all ages and abilities to ride a bike. We work closely with all levels of government to improve conditions for all people who ride.
Did you know that at Bicycle network we also do:

RIDE2SCHOOL

Our Ride2School team work collaboratively with schools, students and councils to help young people overcome the barriers preventing them from riding to school and getting active. Schools engaged in the year-long program report an active travel rate of 45 per cent, nearly double the national average. Other Ride2School initiatives include:

MIND.BODY.PEDAL – a one-day program aimed at empowering and inspiring secondary school aged females. It is designed to address the unique barriers holding teenage females back from being physically active.

ACTIVE PATHS – is a collaborative way-finding initiative, designed to make the journey to and from school as clear, fun and easy as possible!

Find out more by visiting ride2school.com.au or contacting ride2school@bicyclenetwork.com.au.

ADVOCACY AND CAMPAIGNS

We work directly with councils to help provide expert advice on transport plans, coordinating action between all levels of government, and targeting riders in specific regions to assist in consultation and community engagement efforts.

If you want our help on a bike riding issue or active transport plan in your LGA, reach out to our Public Affairs team at campaigns@bicyclenetwork.com.au

BIKE PARKING

Bicycle Network are the bike parking experts – we design, quote, construct and install a wide range of bike parking and end-of-trip facilities for Council's and private developments.

For more information, visit bicyclenetwork.com.au/bike-parking-experts or email parking@bicyclenetwork.com.au (1300 727 563)

PARKITEER BIKE CAGES – we manage 24/7 secure bike parking cages at major transport hubs on behalf of government departments.

Learn more at parkiteer.com.au or by contacting parkiteer@bicyclenetwork.com.au.

RIDES AND EVENTS

We run some of Australia's biggest bike rides including The Great Vic Bike Ride (3,000+ riders), Around the Bay (10,000+ riders), the Great Outback Escape (NT), the Newcrest Orange Classic (NSW), and many more. We also coordinate regular social bike rides to help encourage riding and discuss the concerns of the riding public.

To organise events and social rides in you LGA, visit bicyclenetwork.com.au/rides-and-events

GET IN TOUCH - If your council would like to explore opportunities to collaborate with Bicycle Network or our members in the future, please get in touch with via bikefutures@bicyclenetwork.com.au