



**BICYCLE
NETWORK®**

SUPER TUESDAY COMMUTER BIKE COUNT

TENNANT CREEK

2018



**SUPER
TUESDAY**

Count Summary in Tennant Creek



COUNT IN 2018

p. 1

The Super Tuesday Commuter Bike Count was conducted on Tuesday 6th of March 2018 for two hours from 6:30am to 8:30am.

It was sunny in Tennant Creek on the day of the count, with easterly winds reaching 37km/h, and a maximum temperature of 21.0 degrees at 9am.

By participating in the count, volunteer counters can choose a local community group to receive a donation of \$50. In Tennant Creek a total of \$50 went back to the local community through donations to nominated groups.

COUNT SITES

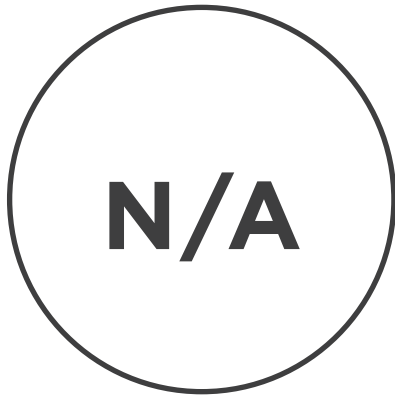
p. 3

1 sites were surveyed in Tennant Creek.

TRAFFIC FLOW

p. 4

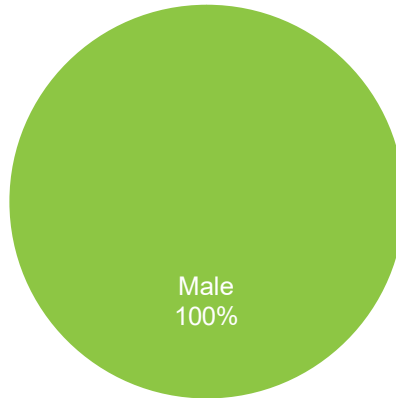
A total of 4 movements was counted at all selected intersections across the council area during the two-hour survey.



GROWTH

p. 5

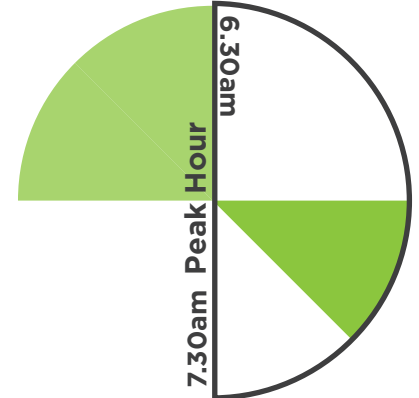
This is the first count in Tennant Creek. Comparative growth data will be available in subsequent counts.



GENDER RATIO

p. 6

Female riders represented 0% of bicyclists across the municipality.



PEAK HOUR

p. 7

The busiest hour was between 6:30 - 7:30am during the survey.

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

- 6:30-6:45am: 0 movements
- 6:45-7:00am: 0 movements
- 7:00-7:15am: 2 movements
- 7:15-7:30am: 0 movements
- 7:30-7:45am: 0 movements
- 7:45-8:00am: 0 movements
- 8:00-8:15am: 1 movements
- 8:15-8:30am: 1 movements

COUNT RESULTS

p. 7 - 8

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

Data table in Excel spreadsheet is supplied with this report.

Super Tuesday in 2018

THE COUNT

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 across the country. 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.

The Super Tuesday count was conducted on the 4th of September 2018 between 6:30 and 8:30 in the Northern Territory, and between 7:00am and 9:00am in Queensland. Where necessary, a recount was conducted on Tuesday the 18th of September.

In the 2018 count, 167 sites were surveyed across 8 councils. Over 7000 movements were recorded across the states during the two hour count. Together, the results showed a -12% decrease when compared to the same locations in 2017, possibly due in part to inclement weather conditions in some regions during the count.

Volunteer participants were thanked with a donation of \$50 from Bicycle Network to a community group of their choice. The total donation value neared \$8500.

GENDER

A high proportion of female riders is a strong indication of the health of a city's cycling environment. The higher the proportion, the better the cycling infrastructure. In the top international cycling cities, women tend to comprise around

50% of rider numbers. The 2018 Super Tuesday Bike Count revealed females comprised 24% of all bike riders counted across Australia. This figure has not changed since the 2017 Super Tuesday count.

PEAK HOUR

The peak hour across all sites was between 7:30am and 8:30am, with an average of 479 movements per hour across Northern Territory sites, and 645 movements per hour across Queensland sites.

RESULTS BY STATES

Northern Territory

The overall number of cyclists in Northern Territory has not changed when compared to the same sites as 2017 (0% growth). However, female participation (31%) was higher compared to Queensland (27%), and higher than the national average (24%).

Queensland

The overall number of cyclists counted at Queensland sites dropped by 23% compared to 2017. This is possibly due to inclement morning weather in some regions during the count. Female participation (23%) was marginally lower than the national average (24%)

About Super Tuesday Count

About the count

The Super Tuesday Commuter Bike Count (Super Tuesday) collects reliable annual figures of bicycle commuters and their movements on roads and bike 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 bike 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:

- 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

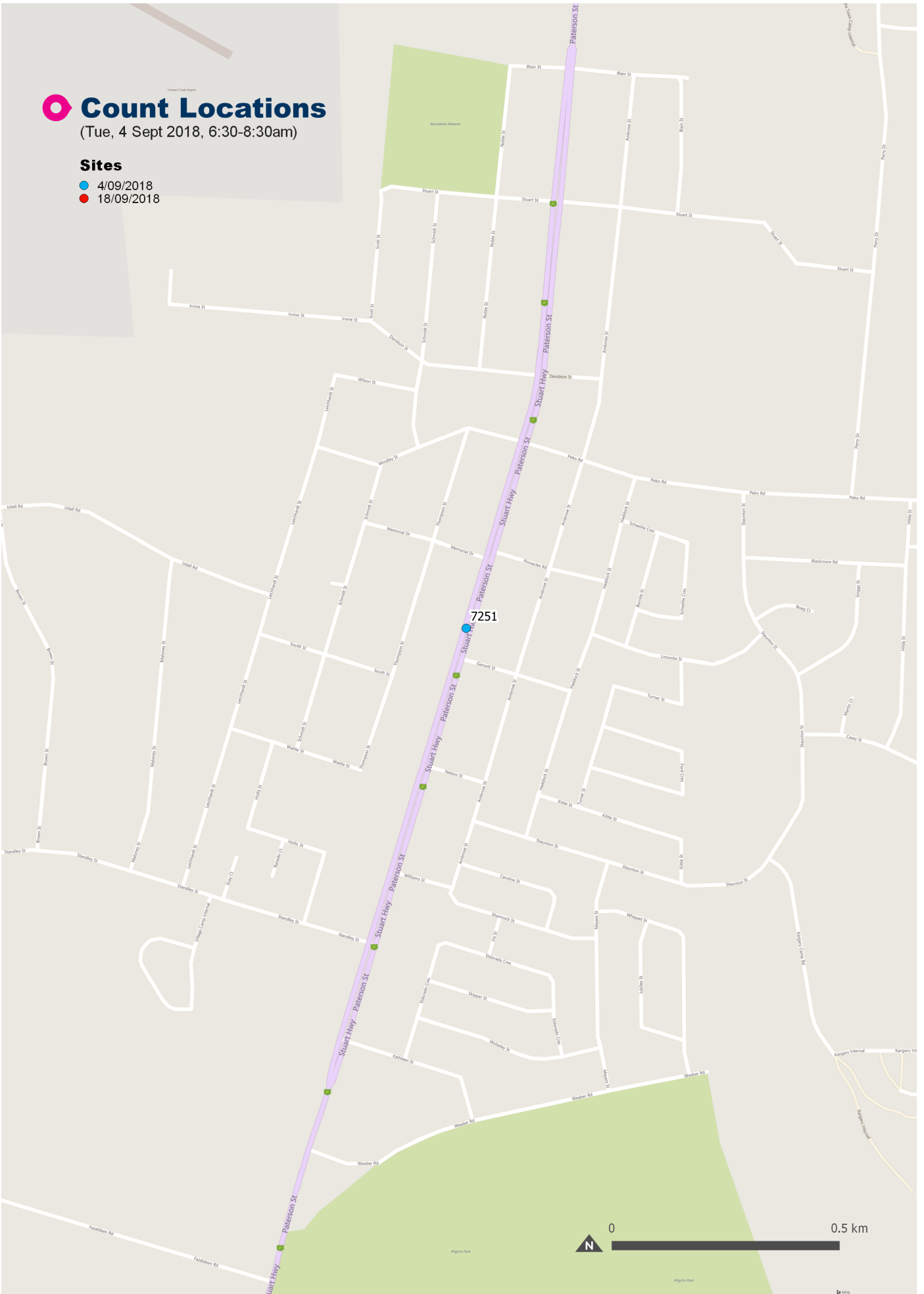
The submitted data are validated, analysed and visualised by Bicycle Network, and subsequently compiled into reports for participating councils and other agencies.

Count Locations

(Tue, 4 Sept 2018, 6:30-8:30am)

Sites

- 4/09/2018
- 18/09/2018

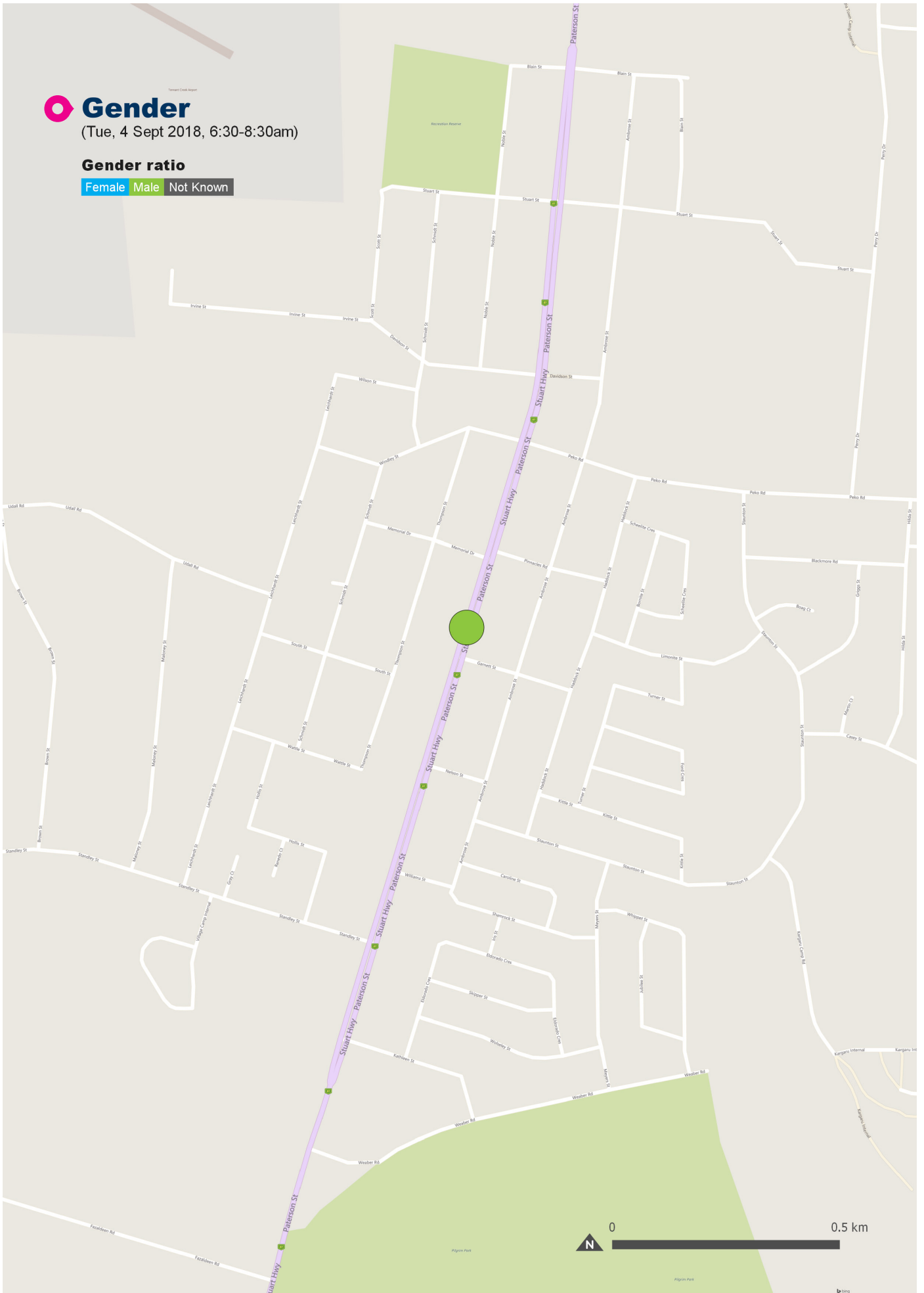


Gender

(Tue, 4 Sept 2018, 6:30-8:30am)

Gender ratio

Female Male Not Known

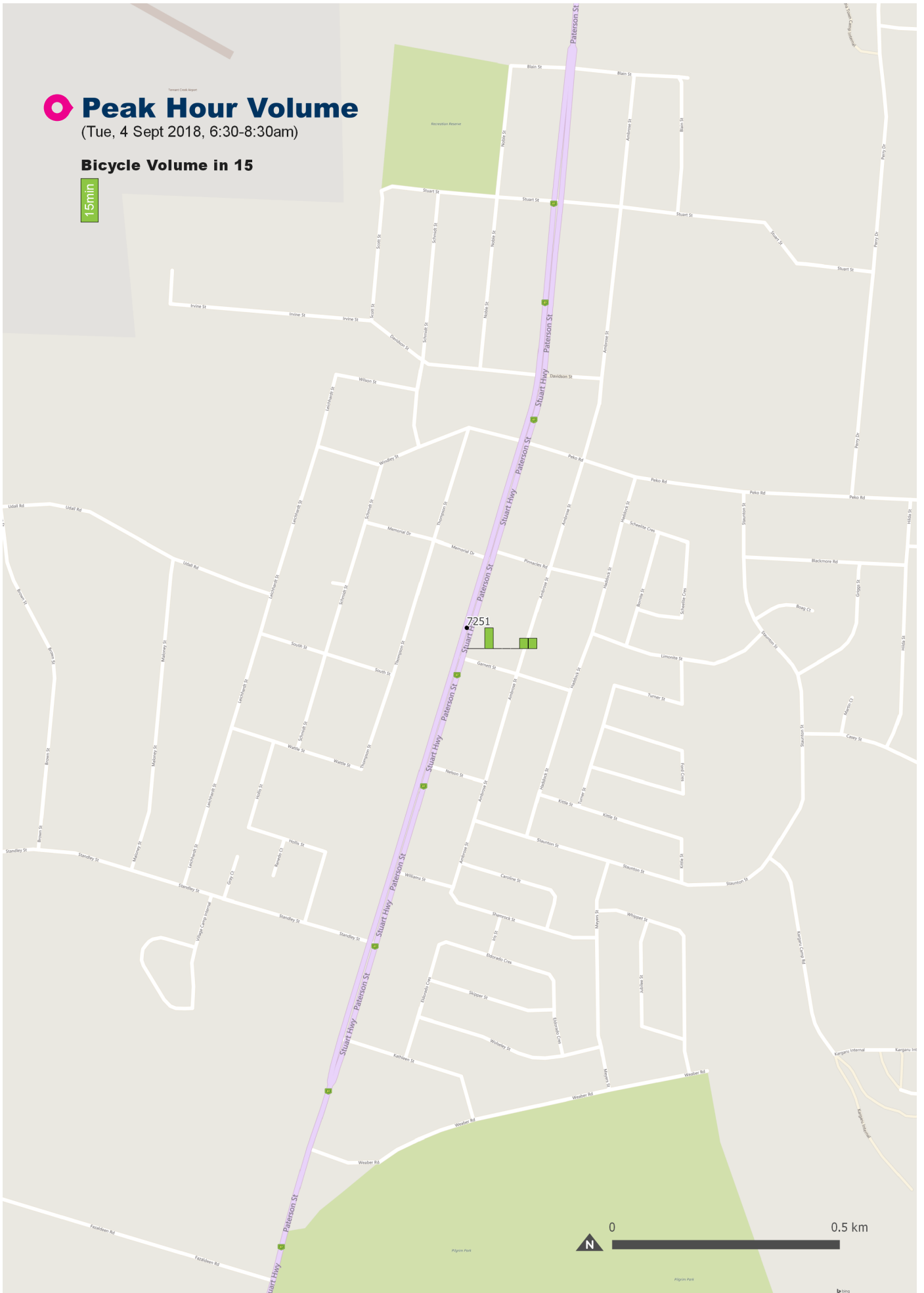


Peak Hour Volume

(Tue, 4 Sept 2018, 6:30-8:30am)

Bicycle Volume in 15

15min



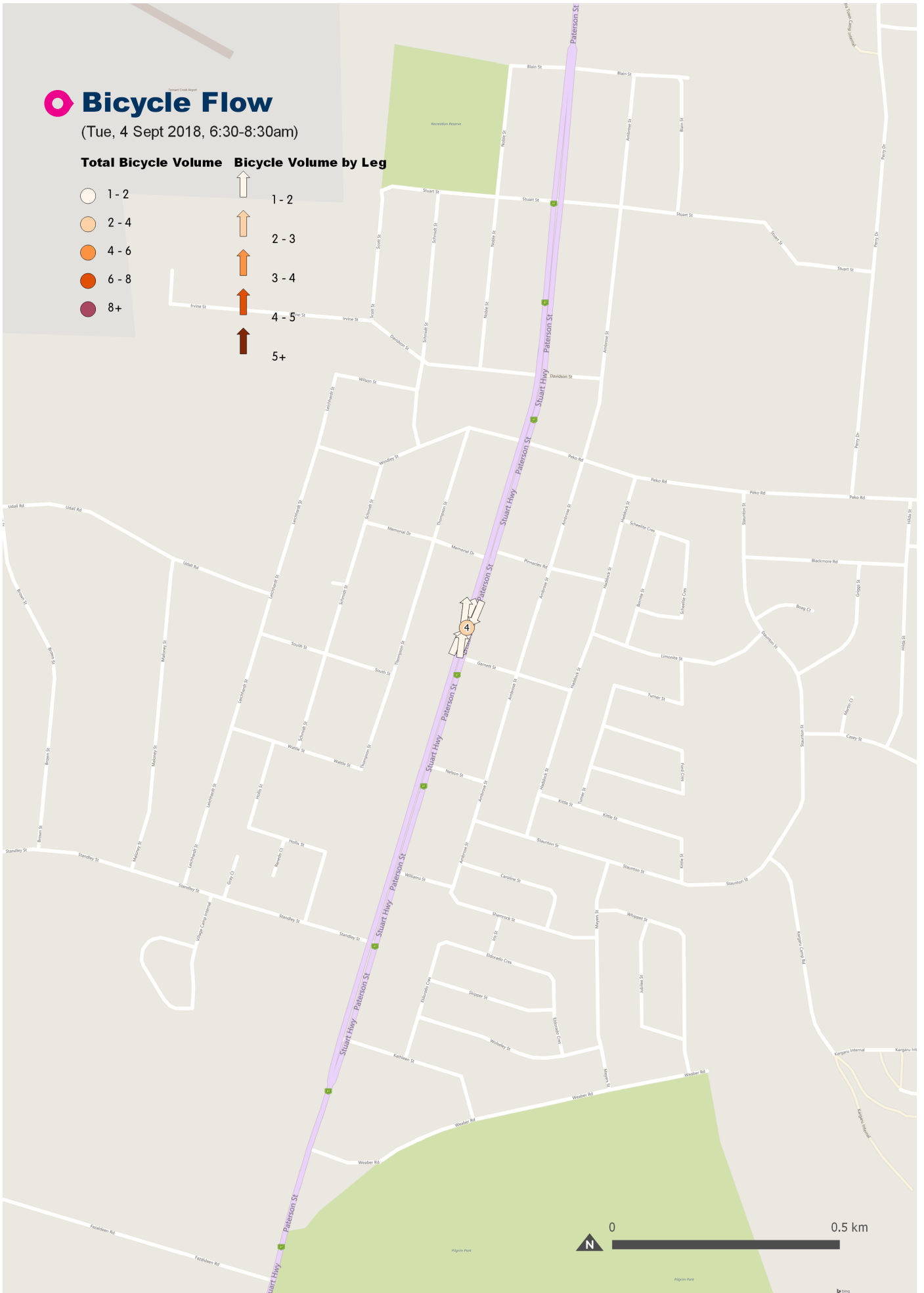
Bicycle Flow

(Tue, 4 Sept 2018, 6:30-8:30am)

Total Bicycle Volume **Bicycle Volume by Leg**

- 1 - 2
- 2 - 4
- 4 - 6
- 6 - 8
- 8+

- ↑ 1 - 2
- ↑ 2 - 3
- ↑ 3 - 4
- ↑ 4 - 5
- ↑ 5+





Results

Site ID	Street names	Total Count					Volume in 15 Minute								
		Female	Male	Not Known	2018	2017	% 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
7251	Northbound (school side) [N], Southbound (shop side) [NE], Southbound (shop side) [S], Northbound (school side) [SW]	0	4	0	4	-	-	0	0	2	0	0	0	1	1

Site 7251

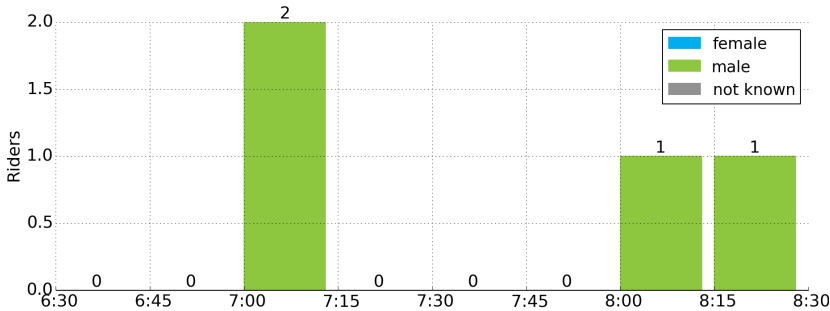
Northbound (school side) [N], Southbound (shop side) [NE], Southbound (shop side) [S], Northbound (school side) [SW]



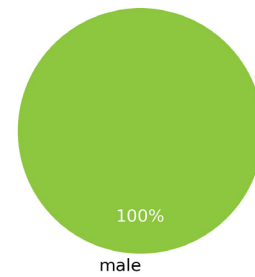
4 bicycle riders were recorded during the 2 hour survey. The peak period was 07:00-07:15 with 2 riders. Female riders comprised 0% of the total.

The majority of riders entered this intersection from the SW via Paterson Rd northbound (school side) and exited to the north along the same side of the road. As this is a new site, there is not enough linear trend data to calculate the growth and decline of this site over time. The volunteer noted that it was a pupil free day at Tennant Creek Primary School (usually under 10 bikes at school every day).

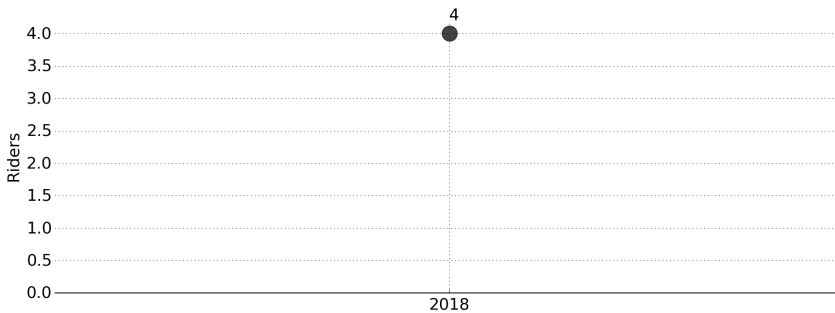
Traffic Volume by Time



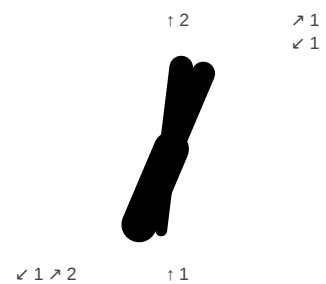
Gender Ratio



Cycling Trend



Traffic Flow



Raw Data

Enter	1 Northbound (school side) [N]			2 Southbound (shop side) [NE]			3 Southbound (shop side) [S]			4 Northbound (school side) [SW]			Total
Exit	2	3	4	1	3	4	1	2	4	1	2	3	4
Female	0	0	0	0	0	0	0	0	0	0	0	0	0
Male	0	0	0	0	0	1	0	1	0	2	0	0	4
Not known	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	1	0	1	0	2	0	0	4



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