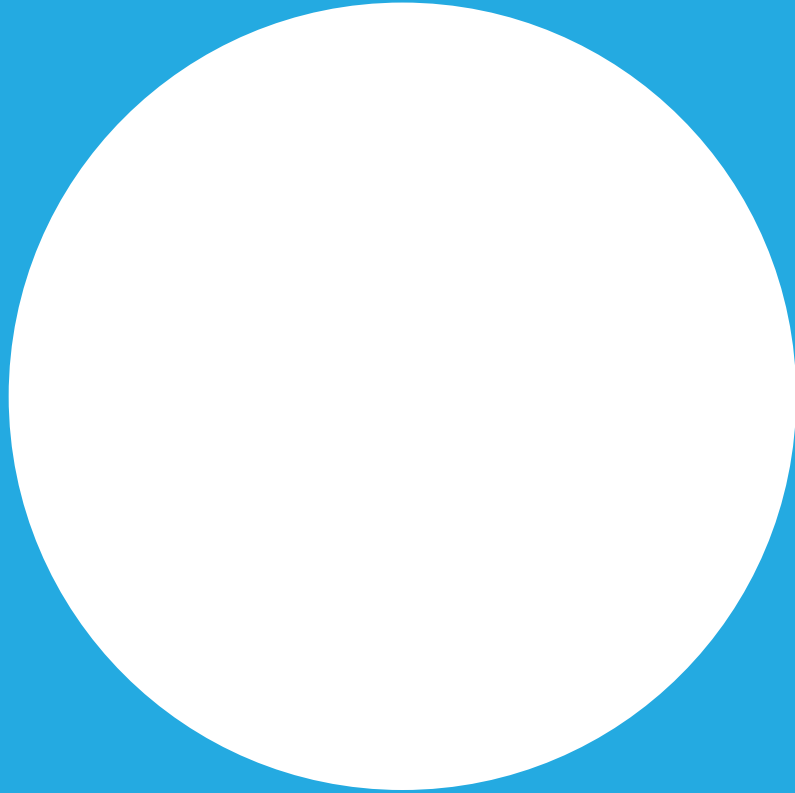


A program by



**BICYCLE**  
NETWORK



# SUPER TUESDAY NORTH

## COMMUTER BIKE COUNT

KATHERINE

OCTOBER 2016



**SUPER TUESDAY**

## Count Summary in Katherine

**6 Sep  
2016**  
6:30-8:30am

**4**  
COUNT SITES

**75**  
TOTAL TRIPS

### COUNT IN 2016

p. 1

The Super Tuesday North Commuter Bike Count was conducted on Tuesday 6 September 2016 from 6:30am to 8:30am.

It was a warm, dry and sunny morning in Katherine on the day of the count reaching a temperature of 23 degrees at 8:30am.

### COUNT LOCATIONS

p. 3

4 sites were surveyed in Katherine.

### TRAFFIC FLOW

p. 4

A total of 75 trips were recorded across all sites within the municipality during the two-hour survey.



### CONTRIBUTION

By participating in the count, volunteer counters can choose a local community group to make a donation of \$50 to a charity or non-profit of their choice.

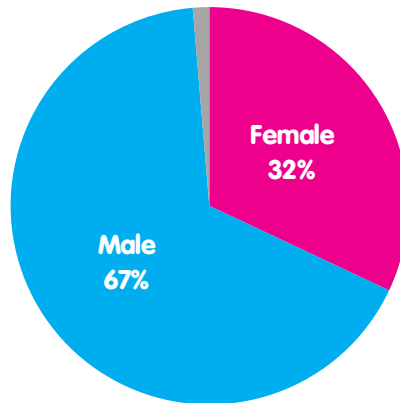
In 2016 a total of \$200 was raised for local charities and non-profits. Bicycle Network would like to thank all volunteers who participated in the count.



## GROWTH

p. 5

Overall the number of cyclists decreased by 17% (75 trips) compared with the same 4 sites surveyed in 2015 (90 trips).

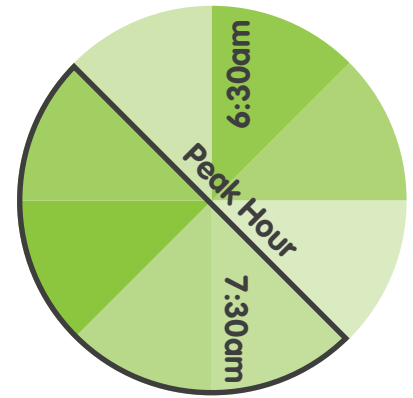


## GENDER RATIO

p. 6

Female riders represented 32% of cyclists across the municipality.

This was the average female ridership in Northern Territory for Super Tuesday North 2016 (32%), and above the national average for the 2016 count (26%).



## PEAK HOUR

p. 7

The busiest hour was between 7:15-8:15am, with an average of 11 riders.

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

- 6:30-6:45am: 3 trips
- 6:45-7:00am: 3 trips
- 7:00-7:15am: 1 trips
- 7:15-7:30am: 2 trips
- 7:30-7:45am: 2 trips
- 7:45-8:00am: 4 trips
- 8:00-8:15am: 3 trips
- 8:15-8:30am: 1 trips

## BUSIEST SITE COMPARISON

p. 8

The busiest site was at the intersection of Stuart Hwy [SE], Victoria Hwy [S], Stuart Hwy [NW], with an average of 16 trips per hour. In terms of riders per 10,000 residents, this site ranked 2nd compared with the other 8 busiest sites across all councils involved in Super Tuesday North 2016.

## COUNT RESULTS

p. 9

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 North 2016

## THE COUNT

Bicycle Network's Super Tuesday Counts (Super Tuesday North and Super Tuesday South) are the world's largest and longest running visual bike counts. The counts measure bicycle commuter flows in the morning peak across the country.

The ninth annual Super Tuesday North count (the 'Count') was conducted on Tuesday 6th September 2016. The results showed a **9% increase** in the overall number of riders compared to the same sites counted in 2015.

The number of cyclists, including gender splits, were recorded at fifteen minute time intervals. The data was collected at 180 sites in 9 municipalities across Queensland and Northern Territory.

## WEATHER

The 2016 conditions were generally warm, dry and sunny across the Northern Territory and Queensland.

## 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 cycling numbers. The 2016 Super Tuesday North count saw an average of 26% female bike riders across both states, which is an increase of 2% compared with the 2015 count.

## 15 MINUTE TIME INTERVALS

The peak hour across all sites was between 7:00-8:00am.

## STATE/TERRITORY RESULTS

### Northern Territory

In total, the number of cyclists recorded in the Northern Territory was 4244, which represented a 3% increase compared with 2015. When the same sites that were counted in 2016 and 2015 are compared, the Territory recorded an increase of 9% (4081 trips in 2016 and 3754 in 2015). The Territory recorded the highest percentage of female riders, with 32% of all riders being female compared with 21% for Queensland.

### Queensland

Queensland recorded a 3% decline in the number of trips compared with the same sites counted in 2015, from 4003 trips in 2016 compared with 4116 in 2015. The proportion of females was 21%, which was below the national average for the 2016 count (26%).



# About the Super Tuesday counts

## About the count

The Super Tuesday counts produce reliable annual figures of bicycle commuters and their movements on roads and bike paths across council areas, and have been operating since 2007.

Volunteers count and observe cyclists at key intersections and corridors selected by local governments.

This information is accurate, relevant, up-to-date and forms a cumulative data set participating councils. 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 few questions below:

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

## Methodology

As part of the Super Tuesday counts, we collect data from intersections along popular commuter routes.

Bicycle Network coordinates the count at the count locations that are nominated by traffic engineers, transport planners, sustainable transport or TravelSmart officers from the councils.

Volunteers who record all movements, gender of riders and their times at fifteen minute intervals on standardised count sheets.

Following the completion of the visual count, counters send the 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

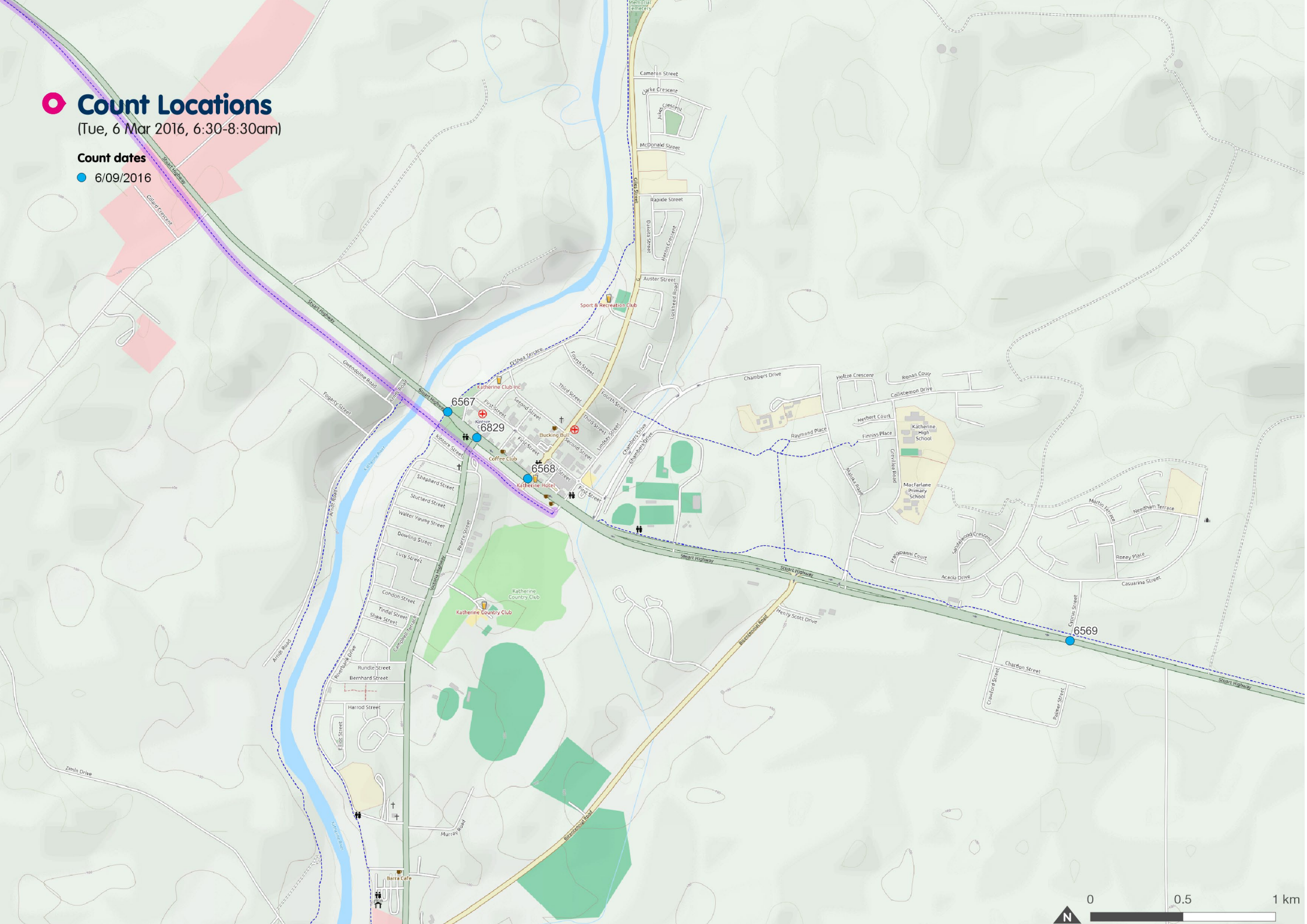
The submitted data is validated and analysed by Bicycle Network and compiled into reports.

# Count Locations

(Tue, 6 Mar 2016, 6:30-8:30am)

## Count dates

● 6/09/2016



# Traffic Volume & Flow

(Tue, 6 Sep 2016, 6:30-8:30am)

## Number of Bicycles Counted

- 2 or less bikes
- 2 - 4 bikes
- 4 - 6 bikes
- 6 - 8 bikes
- 8 - 10 bikes
- 10 - 12 bikes
- 12 or more bikes



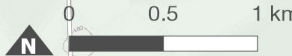
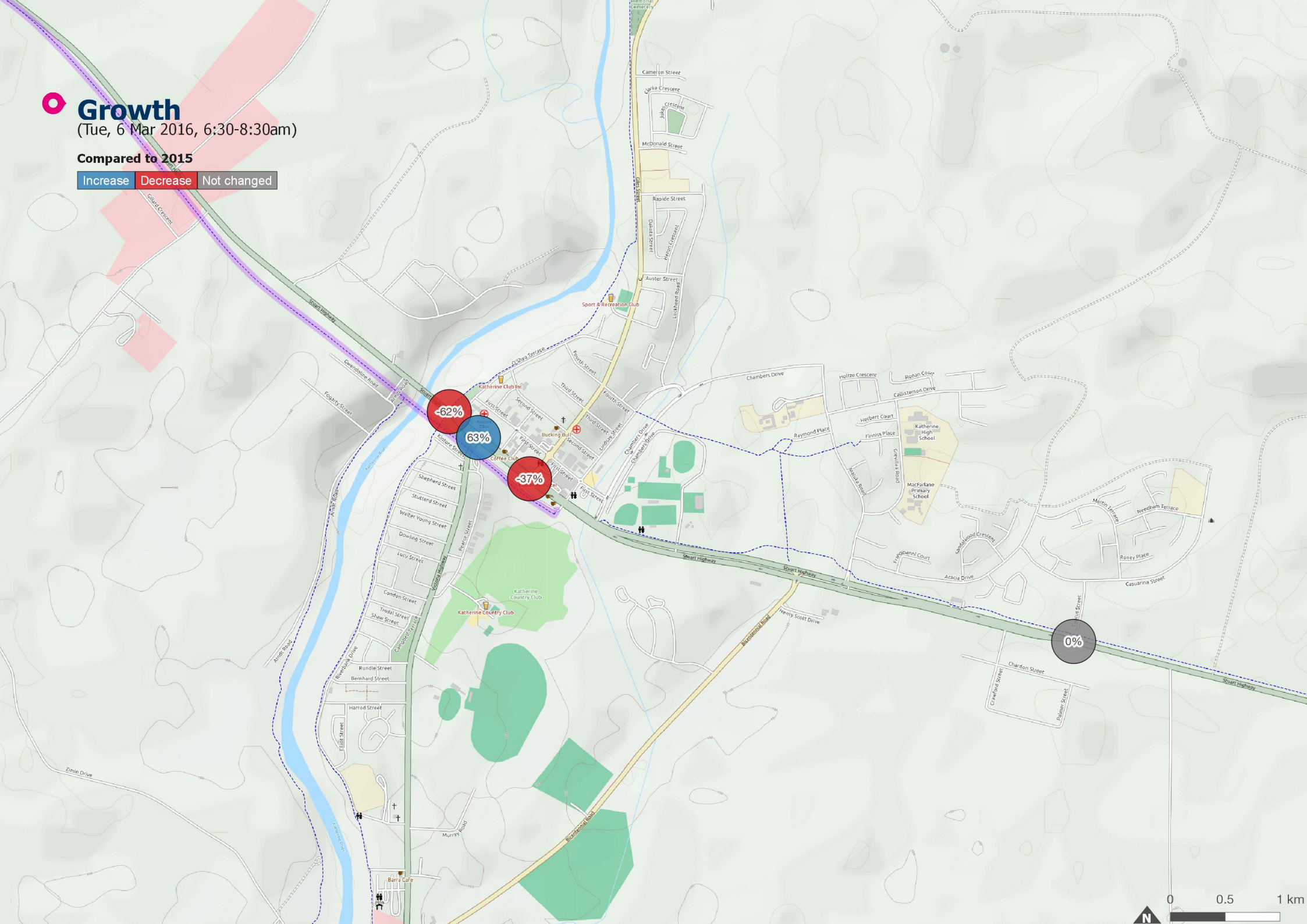


# Growth

(Tue, 6 Mar 2016, 6:30-8:30am)

Compared to 2015

Increase Decrease Not changed



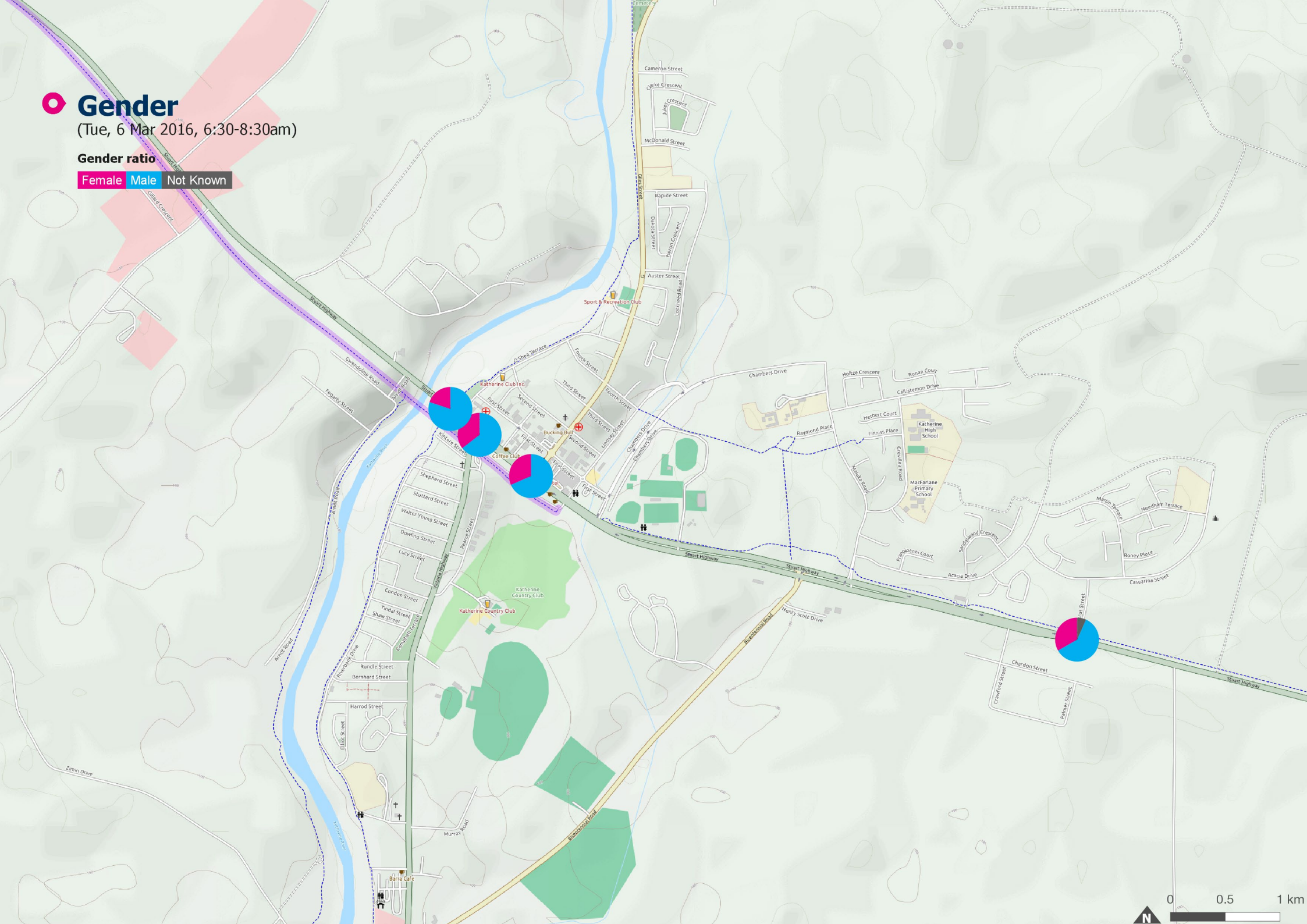


# Gender

(Tue, 6 Mar 2016, 6:30-8:30am)

Gender ratio

Female Male Not Known

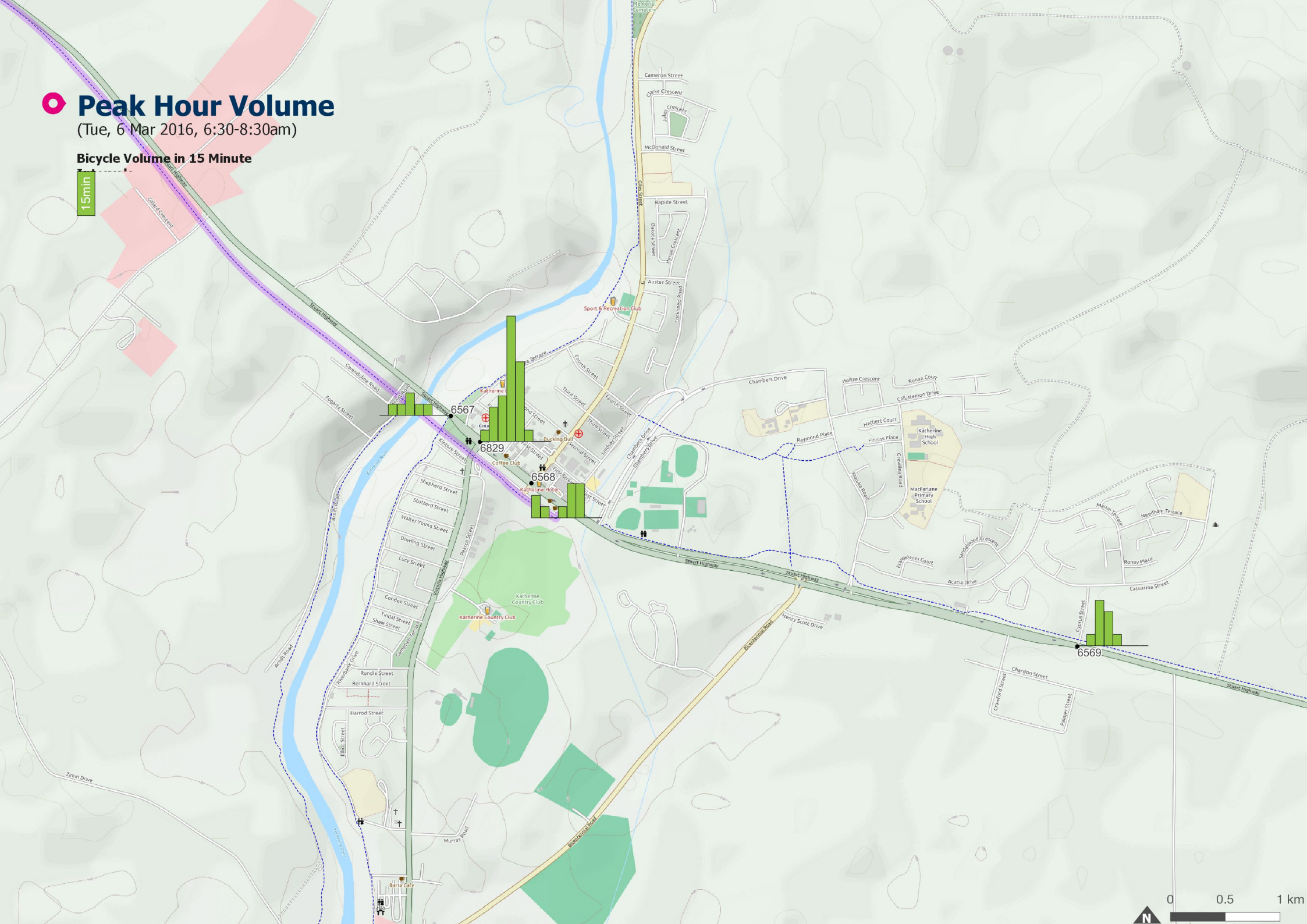


# Peak Hour Volume




(Tue, 6 Mar 2016, 6:30-8:30am)

Bicycle Volume in 15 Minute

15min



# Busiest Site Comparison by Council

	Rank	Council		  Compared to previous years	 Females	Peak hour in the two hour period (6:30-8:30am)	Number of riders per 10,000 residents per hour
REGIONAL CAPITAL CITIES	3	DARWIN NT	1%	33%	7:30-8:30am	10	87
REGIONAL CITIES	9	MORETON BAY QLD	6%	18%	7:30-8:30am	1	39
	5	TOWNSVILLE QLD	9%	22%	7:00-8:00am	6	117
	8	TOOWOOMBA QLD	12%	21%	7:00-8:00am	1	13
	6	REDLAND QLD	-2%	13%	7:00-8:00am	2	35
REGIONAL TOWNS	1	ALICE SPRINGS NT	-21%	30%	7:30-8:30am	20	57
	4	PALMERSTON NT	11%	18%	6:30-7:30am	10	33
	2	KATHERINE NT	-17%	32%	7:30-8:30am	14	16
	7	WHITSUNDAY QLD	0%	33%	7:00-8:00am	2	7

Site ID	Street names	Total Count						Volume in 15 Minute							
		Female	Male	Not Known	2016	2015	% 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
6829	Stuart Hwy [SE], Victoria Hwy [S], Stuart Hwy [NW]	11	20	0	31	19	63%	2	2	1	3	4	11	7	1
6568	Giles St [NE], Katherine Tce [SE], Giles St [SW], Katherine Tce [NW]	6	13	0	19	30	-37%	3	6	2	1	0	1	3	3
6569	Cyprus St [N], Stuart Hwy/Footpath [E], Stuart Hwy/Footpath [W]	5	9	1	15	15	0%	5	1	0	1	4	3	1	0
6567	Riverside Trail [NE], Stuart Hwy [SE], Riverside Trail [SW], Stuart Hwy [NW]	2	8	0	10	26	-62%	3	1	0	1	1	2	1	1

## Site 6567

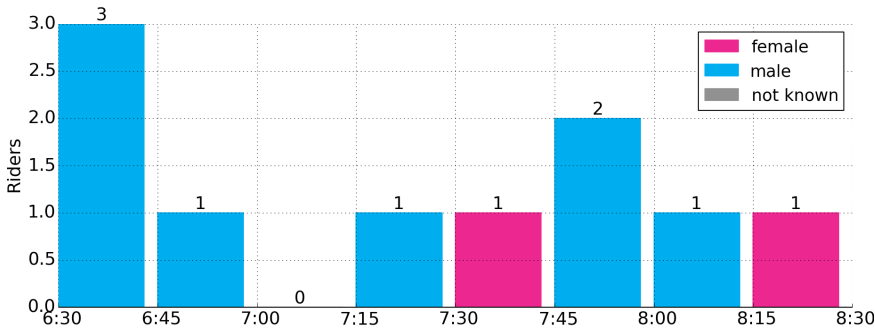
### Riverside Trail [NE], Stuart Hwy [SE], Riverside Trail [SW], Stuart Hwy [NW]



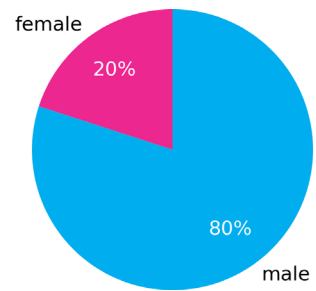
**10 bicycle riders** were recorded during the 2 hour survey. This is a decrease of 62% compared to 26 in 2015 and a decrease of 41% compared to 17 in 2014. The peak hour was 06:30-06:45 with 3 riders. Female riders comprised 20% of the total.

The counter noted that; Formed path runs under the road bridge (same orientation as riverside trail) and only one cyclist recorded on this. Observation of riders otherwise recorded as on riverside trail were: i) on formed path from south (3); or ii) unformed path north (1).

#### Traffic Volume by Time



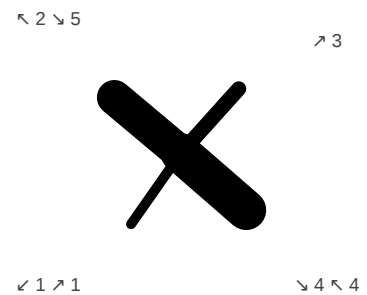
#### Gender Ratio



#### Cycling Trend



#### Traffic Flow



#### Raw Data

Enter	1 Riverside Trail [NE]			2 Stuart Hwy [SE]			3 Riverside Trail [SW]			4 Stuart Hwy [NW]			Total
Exit	2	3	4	1	3	4	1	2	4	1	2	3	
Female	0	0	0	0	0	1	0	0	0	0	1	0	2
Male	0	0	0	2	0	1	0	1	0	1	2	1	8
Not known	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>10</b>

## Site 6568

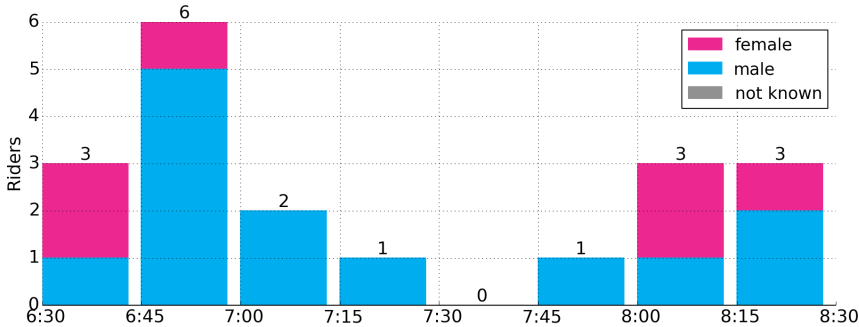
Giles St [NE], Katherine Tce [SE], Giles St [SW], Katherine Tce [NW]



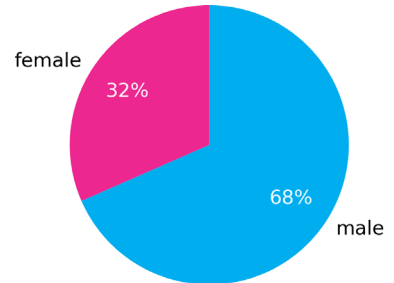
**19 bicycle riders** were recorded during the 2 hour survey. This is a decrease of 37% compared to 30 in 2015 and an increase of 6% compared to 18 in 2014. The peak hour was 06:45-07:00 with 6 riders. Female riders comprised 32% of the total.

The counter noted; This counting spot is located at the ONLY traffic lights in Katherine. Most riders travel over Railway Terrace or First Street to get to their destination without waiting for the lights.

### Traffic Volume by Time



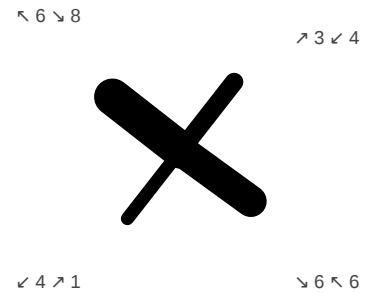
### Gender Ratio



### Cycling Trend



### Traffic Flow



### Raw Data

Enter	1 Giles St [NE]			2 Katherine Tce [SE]			3 Giles St [SW]			4 Katherine Tce [NW]			Total
Exit	2	3	4	1	3	4	1	2	4	1	2	3	
Female	0	0	1	0	1	2	0	0	0	2	0	0	6
Male	1	1	1	0	1	2	0	1	0	1	4	1	13
Not known	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>19</b>

## Site 6569

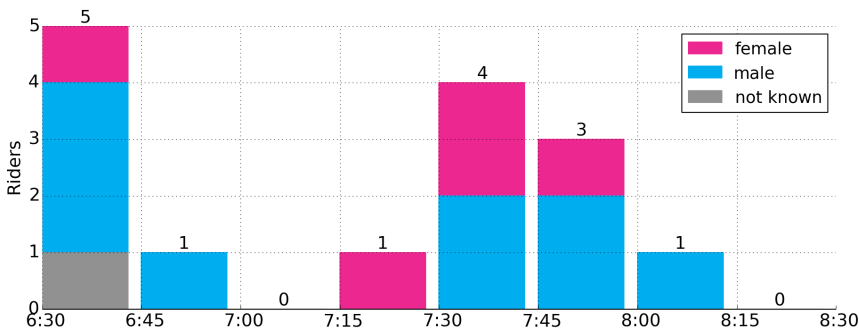
### Cyprus St [N], Stuart Hwy/Footpath [E], Stuart Hwy/Footpath [W]



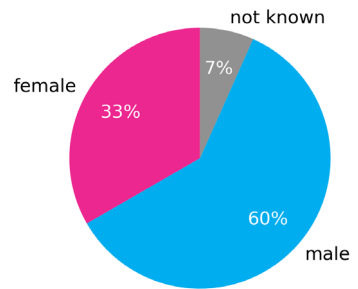
**15 bicycle riders** were recorded during the 2 hour survey. This is a decrease of 0% compared to 15 in 2015 and an increase of 25% compared to 12 in 2014. The peak hour was 06:30-06:45 with 5 riders. Female riders comprised 33% of the total.

The counter noted; Warm weather. Walker - "you should be here between 5:30-6 as you miss most RAAF and police as they are gone passed by 6:20am.

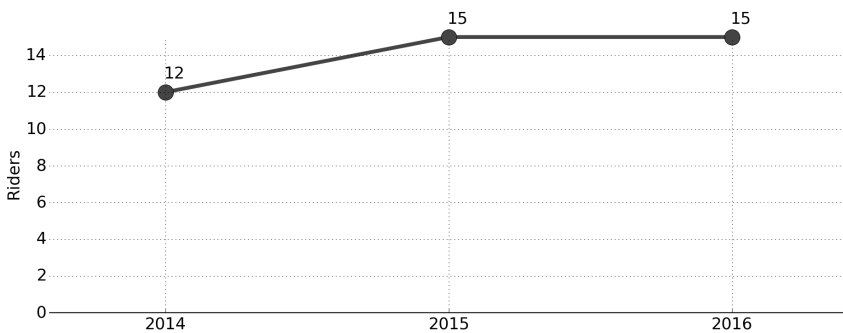
#### Traffic Volume by Time



#### Gender Ratio



#### Cycling Trend



#### Traffic Flow



#### Raw Data

Enter	1 Cyprus St [N]		2 Stuart Hwy/Footpath [E]		3 Stuart Hwy/Footpath [W]		
Exit	2	3	1	3	1	2	Total
Female	0	3	0	2	0	0	5
Male	1	3	0	4	0	1	9
Not known	0	0	0	0	1	0	1
<b>Total</b>	<b>1</b>	<b>6</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>15</b>

## Site 6829

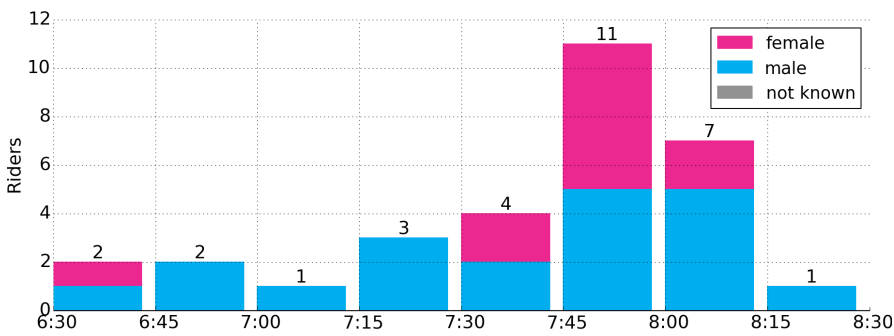
Stuart Hwy [SE], Victoria Hwy [S], Stuart Hwy [NW]



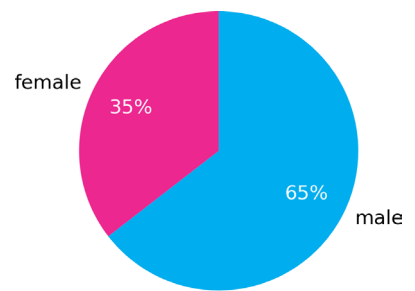
**31 bicycle riders** were recorded during the 2 hour survey. This is an increase of 63% compared to 19 in 2015. The peak hour was 07:45-08:00 with 11 riders. Female riders comprised 35% of the total.

No distinct travel pattern evident at this site, with all movements evenly spread.

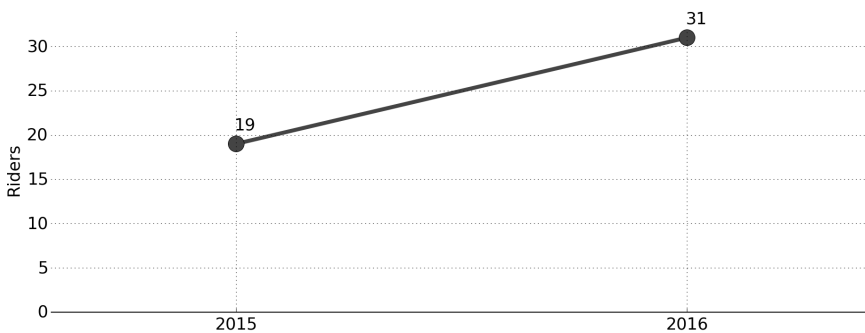
### Traffic Volume by Time



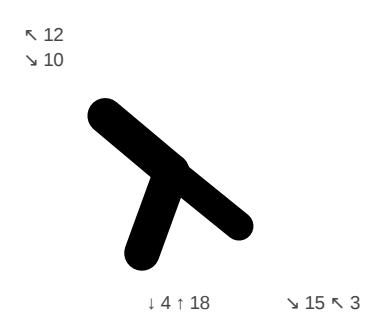
### Gender Ratio



### Cycling Trend



### Traffic Flow



### Raw Data

Enter	1 Stuart Hwy [SE]		2 Victoria Hwy [S]		3 Stuart Hwy [NW]		Total
Exit	2	3	1	3	1	2	
Female	1	0	2	6	1	1	11
Male	0	2	6	4	6	2	20
Not known	0	0	0	0	0	0	0
<b>Total</b>	<b>1</b>	<b>2</b>	<b>8</b>	<b>10</b>	<b>7</b>	<b>3</b>	<b>31</b>





235 Crown Street  
Darlinghurst NSW 2010

Level 4, 246 Bourke Street  
Melbourne VIC 3000

210 Collins Street  
Hobart TAS 7000

Freecall: 1800 639 634  
[bicyclenetwork.com.au](http://bicyclenetwork.com.au)