

Transport for NSW

Trip Generation Surveys Golf Courses

Data Report - WCAG

Transport for NSW

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Gold Coast

Suite 26, 58 Riverwalk Avenue
Robina QLD 4226

P: (07) 5562 4226

W: www.bitziosconsulting.com.au

Brisbane

Level 2, 428 Upper Edward Street
Spring Hill QLD 4000

P: (07) 3831 4442

E: admin@bitziosconsulting.com.au

Sydney

Studio 203, 3 Gladstone
Street
Newtown NSW 2042

P: (02) 9557 6202

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CONTENTS

	Page
1. INTRODUCTION	1
1.1 Background	1
1.2 Scope	1
1.3 Definition of Key Terms	2
1.4 Project Challenges and Responses	2
2. SITE SELECTION	4
2.1 Transport for NSW Criteria	4
2.2 Candidate Site Selection	4
2.3 Selection Basis	4
2.4 Selected Survey Sites	5
3. SURVEY PROCEDURE	8
3.1 Survey Schedule	8
3.2 Data Collection Surveys	9
3.3 Site Information	9
3.4 Collection Methods	10
3.5 Survey Data Impacts	10
4. SURVEY RESULTS	11
4.1 Overview	11
4.2 Preliminary Analysis and Key Statistics	11
4.2.1 Initial Site Analysis	11
4.2.2 Wednesday Survey Data	13
4.2.3 Saturday Survey Data	15
4.2.4 Sunday Survey Data	17
4.3 Network Traffic Data	19
4.4 Survey Sites Peak Period Trip Comparison	19
4.4.1 Trips per 10,000m ² of Site Area	22
4.5 Parking Data	25
4.5.1 Parking Occupancy Surveys	25
4.5.2 Daily Parking Profiles	26
4.5.3 Peak Parking Occupancies	26
4.5.4 Parking Rates	27
4.6 Additional Survey Data	31
4.6.1 Survey Site Local Demographics	31
4.6.2 Customer Survey Responses	31
4.6.3 Mode Splits	32
4.6.4 Origin of Trips	34
5. CONCLUSIONS	36

Tables

Table 1.1:	Addressing Project Challenges
Table 2.1:	Proposed Surveys and Location Summary
Table 2.2:	Survey Sites
Table 3.1:	Site Survey Schedule and Notes
Table 4.1:	Trip Data Summary – Wednesday
Table 4.2:	Trip Data Summary – Saturday
Table 4.3:	Trip Data Summary – Sunday
Table 4.4:	Parking Occupancy – Car Spaces
Table 4.5:	Number of Manual Customer Survey Responses

Figures

Figure 2.1:	Survey Site Locations Near Sydney
Figure 2.2:	Survey Site Locations North of Sydney
Figure 2.3:	Survey Site Locations in Northern NSW
Figure 2.4:	Survey Site Locations Near Newcastle
Figure 4.1:	Peak Vehicle Trips on Weekdays and Weekends
Figure 4.2:	Daily Vehicle Trips Comparison
Figure 4.3:	Average Daily Traffic Profile – Wednesday
Figure 4.4:	Average Daily Traffic Profile – Saturday
Figure 4.5:	Average Daily Traffic Profile – Sunday
Figure 4.6:	Peak Vehicle Trip Rate (per Number of Holes) – Wednesday AM Peak
Figure 4.7:	Peak Vehicle Trip Rate (per Number of Holes) – Wednesday PM Peak
Figure 4.8:	Peak Vehicle Trip Rate (per Number of Holes) – Wednesday Daily Peak
Figure 4.9:	Peak Vehicle Trip Rate (per Number of Holes) – Saturday Peak
Figure 4.10:	Peak Vehicle Trip Rate (per Number of Holes) – Sunday Peak
Figure 4.11:	Peak Vehicle Trip Rate (per 10,000m ²) – Wednesday AM Peak
Figure 4.12:	Peak Vehicle Trip Rate (per 10,000m ²) – Wednesday PM Peak
Figure 4.13:	Peak Vehicle Trip Rate (per 10,000m ²) – Wednesday Daily Peak
Figure 4.14:	Peak Vehicle Trip Rate (per 10,000m ²) – Saturday Peak
Figure 4.15:	Peak Vehicle Trip Rate (per 10,000m ²) – Sunday Peak
Figure 4.16:	Average Parking Occupancy by Day
Figure 4.17:	Peak Parking Occupancy
Figure 4.18:	Supply and Demand Parking Rates per 100m ² GFA of Café / Function Room - Wednesday
Figure 4.19:	Supply and Demand Parking Rates per 100m ² GFA of Café / Function Room - Saturday
Figure 4.20:	Supply and Demand Parking Rates per 100m ² GFA of Café / Function Room – Sunday
Figure 4.21:	Supply and Demand Parking Rates per Hole – Wednesday
Figure 4.22:	Supply and Demand Parking Rates per Hole – Saturday
Figure 4.23:	Supply and Demand Parking Rates per Hole – Sunday
Figure 4.24:	Weekday and Weekend Trip Generation per Hole vs. Median Household Income
Figure 4.25:	Wednesday Mode Split Comparison by Site
Figure 4.26:	Saturday Mode Split Comparison by Site
Figure 4.27:	Sunday Average Vehicle Trips per Hour
Figure 4.28:	Origin of Trips – Wednesday
Figure 4.29:	Origin of Trips – Saturday
Figure 4.30:	Origin of Trips – Sunday

Appendices

Appendix A:	Traffic Data Summaries
Appendix B:	Raw Traffic Data
Appendix C:	Network Traffic Data

1. INTRODUCTION

1.1 Background

Transport for New South Wales (TfNSW), previously known as Roads and Maritime Services (RMS), commissioned Bitzios Consulting to undertake a trip generation and parking demand survey and analysis of Golf Course sites. The *Roads and Maritime Guide to Traffic Generating Developments – 2002* (hereafter referred to as the *Guide*), contains traffic generation and parking demand information based on surveys completed since 1978 and regularly requires updating.

TfNSW recognised that many new and emerging business types are not adequately represented in the *Guide*, including Golf Courses. Other early trip generation studies were too focussed on Sydney and did not adequately reflect potential differences in regional areas. Additionally, there is an increasing awareness that public transport and active transport access has not been adequately accounted for in previous trip and parking generation surveys for some particular land uses.

Several large trip and parking generation rate databases have been developed over the years. Notable among these are the NZ Trips Database Bureau (TDB), the US Institute of Transportation Engineers (ITE) Trip Generation / Parking Generation, and the Trip Rate Information Computer System (TRICS).

Over the last few years, the implementation of lockdowns or restrictions to mitigate the spread of Covid-19 has impacted traffic movements for certain land uses. Emerging studies are indicating that outside of government-mandated lockdowns and movement restrictions, traffic in major centres appears to be remaining consistent with pre-Covid levels. Golf courses are not anticipated to be significantly impacted by limits to international travel or any reduction in public transport use, as most people drive their own vehicles to the sites. As golf courses are mostly outdoors, they have generally stayed open during lockdowns, albeit with some restriction to playing group numbers (e.g. playing groups of two instead of four). This study does not analyse or discuss any impacts to traffic due to Covid-19 lockdowns.

1.2 Scope

The scope of this Data Report includes:

- Research and identification of suitable golf courses which meet the requirements of Transport for NSW
- Summary of all collected relevant and available background data for each selected survey site (e.g. site area, number of holes and on-site parking provisions)
- Presentation of three (3) day surveys of each site, including all mode trip generation data, 7-day traffic profiles in / out of each site, and nearby network traffic data
- Assembly and summary of information on all mode trip generation data
- Tabulating and presenting the collected data to establish any initial statistical relationships
- Presentation of key results and summary of initial findings.

Detailed data and regression analysis shall be included in the corresponding Analysis Report for this study.

1.3 Definition of Key Terms

GFA - Gross Floor Area (m²)

Site Area - includes the golf course, club house, car park/s, and any other included facilities

TfNSW - Transport for New South Wales

Trip Generation - Generation of trips undertaken by individuals, including pedestrians and cyclist. It should be noted that a 'trip' is the movement of a vehicle or person from origin to destination (i.e. A 'complete' visit to the golf course would equate to two (2) trips, 1 to the site and 1 from the site)

Traffic Generation - Individual vehicle trips regardless of the number of persons within the vehicle

Network Traffic - Traffic along a significant network road near a surveyed site (i.e. nearest arterial or collector road), noting that for some locations this is the road immediately fronting the site.

1.4 Project Challenges and Responses

Table 1.1 summarises the challenges that occurred throughout the data collection phase of the project and the steps taken to address them.

Table 1.1: Addressing Project Challenges

Challenges	Responses
Contacting site managers to gain permission to undertake surveys and receiving approval.	Multiple attempts were made to contact the potential survey sites using various forms of communication (phone call, email, etc.) Where five (5) or more attempts a preferred site was unsuccessful an alternate survey site was selected.
Obtaining road frontage/network traffic data for the sites. There were difficulties installing and removing traffic counting equipment on public roads due to the lockdowns and restrictions in NSW.	The NSW Traffic Volume Viewer was used to source road frontage data at several sites. Additionally, a few Councils were able to provide traffic data in the vicinity of the subject sites. However, for some sites, no road frontage data could be sourced. It should be noted that 7 day counts were undertaken on all Golf Course access roads.
Obtaining suitable site information. Some sites provided limited datasets while others did not respond to the request for data.	A manual estimation method was used to determine the relevant site information, including the use of <i>Nearmaps</i> , <i>Google Maps</i> , and sourcing information from the websites of the golf courses.
Collection of the traffic counters and data at some sites was impacted due to changing Covid-19 restrictions.	Lockdown restrictions resulted in the delay of data collection at 5 survey sites. However, only 3 of these sites were impacted in the data that could be collected. At these sites only partial datasets were collected, with manual count and questionnaire survey aspects unable to be completed. Notwithstanding, trip generation analysis has been completed using available automatic count data, impacted analysis for these sites includes trip mode splits, number of person trips, and parking.

Initially, 40 potential sites were chosen using the site selection criteria and presented to Transport for NSW for review. Of these, 21 were approved for further investigation and were contacted. Only 9 of these sites provided permission to undertake a complete survey and one site approved an alternate (reduced) survey method with no anonymous surveys of golf club members. Several attempts to contact other potential sites via phone calls and emails, resulted in either negative or no responses.

Approximately 10 new sites from the potential list as well as additional shortlisted sites were then contacted. Five of these agreed to participate in the surveys, achieving a total of 15 survey sites across regional NSW and Sydney.

The sites surveyed include:

- Cammeray Golf Club
- Moore Park Golf Club
- Kogarah Golf Course
- Lane Cove Golf Course
- NSW Golf Club
- Riverside Oaks Golf Resort
- Monash Country Club
- Concord Golf Club
- Scone Golf Club*
- Gosford Golf Club*
- Murwillumbah Golf Club
- Coolangatta and Tweed Heads Golf Club
- Grafton Golf Club
- Merewether Golf Club
- Charlestown Golf Club*

**Site surveys impacted by COVID-19 restrictions*

Alternate Survey Methodology

An alternate survey method excluded the in-person surveys of golf club members. Only the Tweed and Coolangatta Golf Club requested this alternate methodology.

2. SITE SELECTION

2.1 Transport for NSW Criteria

The selection of the sites is based on the following criteria provided by TfNSW:

- A mix of private and public golf courses
- Availability of a range of facilities and services (e.g. pro shop, café/restaurant, bar, function rooms, golf lessons, driving range, competitions)
- A range of sizes, including 9-hole, 18-hole, and others
- Majority of sites within metropolitan Sydney as well as some in regional areas
- On-site parking provisions
- Geographical spread
- Isolation from nearby developments.

2.2 Candidate Site Selection

The candidate sites were selected by manually reviewing aerial imagery (*Google maps* and *Nearmaps*) and golf course website research to include a range of sites based on the TfNSW criteria for survey site suitability.

Approximately 40 sites were reviewed, with a total of 21 sites approved for further consideration by TfNSW. 10 survey selected sites approved by TfNSW agreed to participate in the survey through this initial process. In order to achieve the requested minimum of 15 sites, the above process was followed, and approved sites were contacted. A total of 15 sites that met the TfNSW criteria provided approval to participate in the surveys.

2.3 Selection Basis

In order to ensure a comprehensive dataset for analysis, selected sites varied in size, type and location across Sydney and NSW. The surveys were undertaken on a Wednesday, Saturday and Sunday as it was anticipated that these days would have a higher demand / turnover of customers compared to other weekdays. The number of surveys selected by region is summarised in Table 2.1.

Table 2.1: Proposed Surveys and Location Summary

Survey Days	Sydney	Regional Newcastle	Regional Wollongong	Regional Other	Total
3 days (Friday, Saturday, Sunday)	10	1	2	2	15

2.4 Selected Survey Sites

A summary of each of the selected survey sites and their locations is provided in Table 2.2 and Figure 2.1, Figure 2.2, Figure 2.3 and Figure 2.4 respectively.

Table 2.2: Survey Sites

Site No.	Region	Suburb	Site Name	Address	Type	Driving Range?	Function / Café facilities?
1	Sydney	Cammeray	Cammeray Golf Club	Park Avenue	9-hole, private	No	Functions and bistro
2	Sydney	Moore Park	Moore Park Golf Club	Cleveland Street	18-hole, public	Yes	Functions and cafe
3	Sydney	Arncliffe	Kogarah Golf Course	19 Marsh Street	18-hole private	No	Functions, bar and bistro
4	Sydney	Lane Cove	Lane Cove Golf Course	180 River Road	9-hole private	No	Functions
5	Sydney	La Perouse	NSW Golf Club	101 Henry Head Lane	18-hole private	No	Functions
6	Sydney	Cattai	Riverside Oaks Golf Resort	74 O'Briens Road	36-hole private	Yes	Functions and brasserie
7	Regional	Ingleside	Monash Country Club	256 Powderworks Road	18-hole private	Yes	Functions
8	Sydney	Concord	Concord Golf Club	Majors Bay Road	18-hole private	No	Restaurant and bar
9	Regional	Scone	Scone Golf Club	Aberdeen Street	9-hole public	No	Restaurant and cafe
10	Regional	Gosford	Gosford Golf Club	22 Racecourse Road	18-hole public	No	Functions and bistro
11	Regional	Murwillumbah	Murwillumbah Golf Course	233 Byangum Road	18-hole public	Yes	Functions and restaurant
12	Regional	Tweed Heads South	Coolangatta & Tweed Heads Golf Club	Soorley Street	36-hole private	No	Bar and cafe
13	Regional	Grafton	Grafton Golf Club	425 Bent Street	18-hole private	No	Functions, bar and restaurant
14	Regional	Adamstown	Mereweather Golf Club	40 King Street	18-hole private	No	Functions and bistro
15	Regional	Hillsborough	Charlestown Golf Club	1A Barker Avenue	18-hole private	No	Bistro

Note: Site 4 – Lane Cove has been analysed as a 9-holes course, however, the course does offer alternate tees on each hole to allow for an 18 hole game if desired.

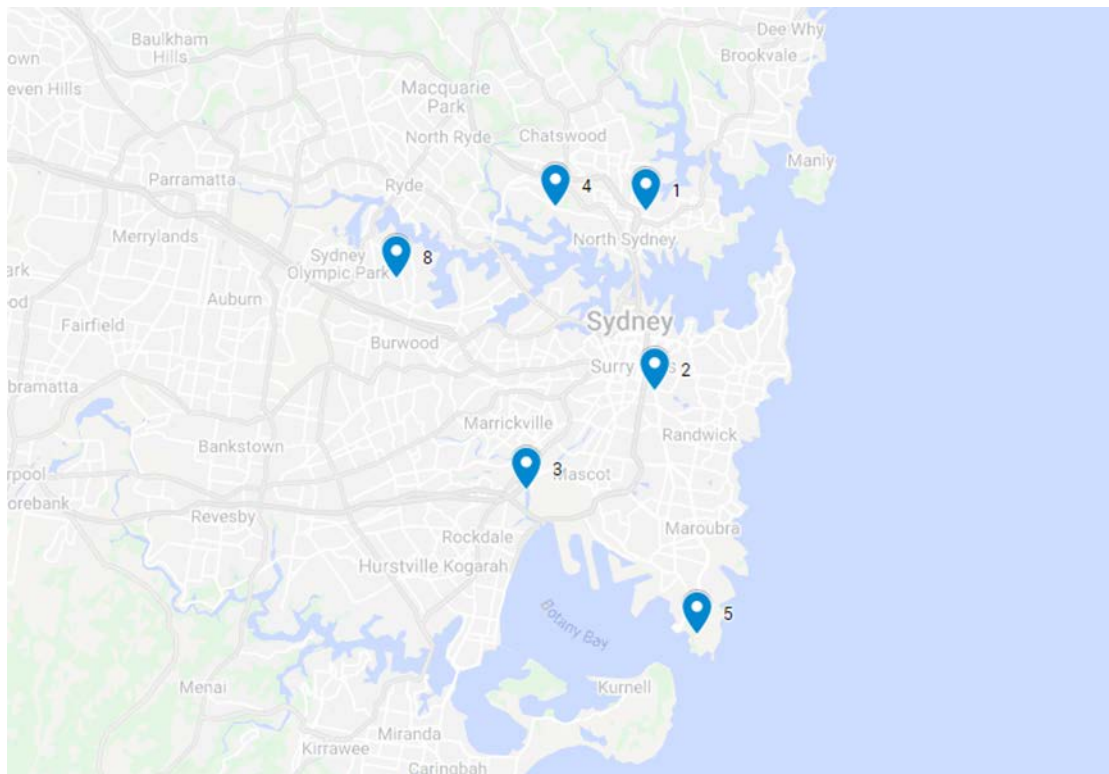


Figure 2.1: Survey Site Locations Near Sydney

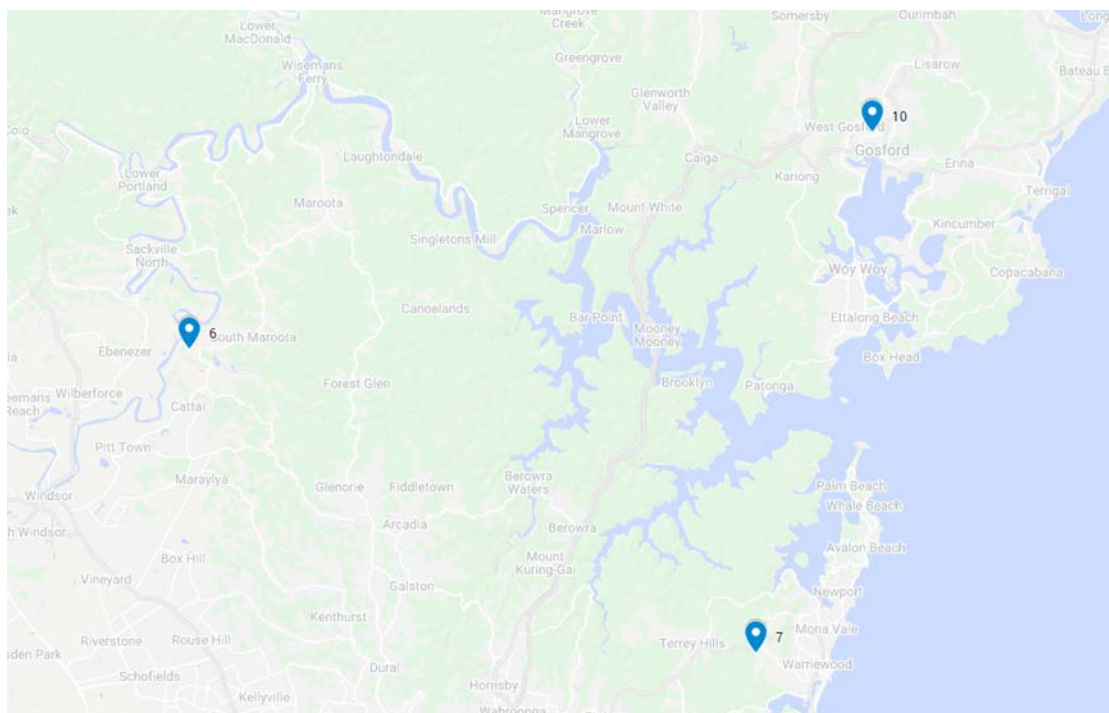


Figure 2.2: Survey Site Locations North of Sydney

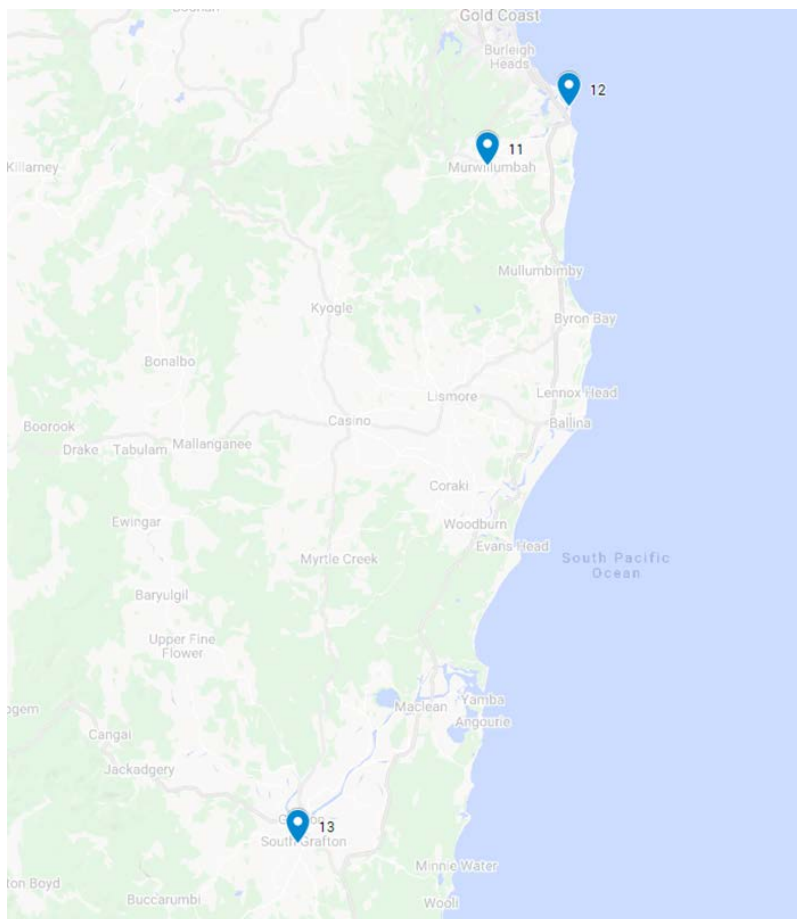


Figure 2.3: Survey Site Locations in Northern NSW

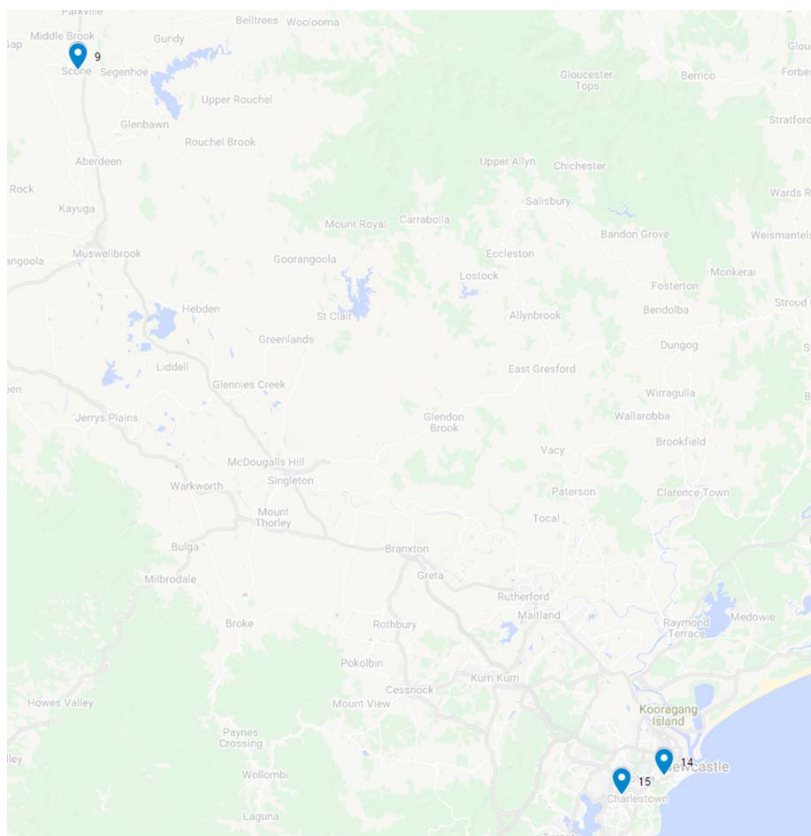


Figure 2.4: Survey Site Locations Near Newcastle

3. SURVEY PROCEDURE

3.1 Survey Schedule

All the manual surveys were undertaken over three (3) days: Wednesday, Saturday and Sunday. The duration of the surveys was standardised across all sites from 6:00AM – 7:00PM. Seven (7) day automatic counts were undertaken at each of the site entry / exit points.

Table 3.1: Site Survey Schedule and Notes

Site No.	Automatic Survey Dates	Manual Survey Dates	Notes
1	15 th to 21 st May	15 th , 16 th and 19 th May	The site is adjacent to a tennis club, a skate park, an oval, and a freeway.
2	15 th to 21 st May	15 th , 16 th and 19 th May	The site is next to an oval, tennis courts, a secondary school, and the Sydney Cricket Ground. The site has the highest population within a 5km radius of any of the sites.
3	15 th to 21 st May	15 th , 16 th and 19 th May	The site is next to Sydney International Airport, a hotel, residential properties and the Cooks River.
4	15 th to 21 st May	15 th , 16 th and 19 th May	The site shares an access road with a tennis centre. It is surrounded by residential properties.
5	15 th to 21 st May	15 th , 16 th and 19 th May	The site is an exclusive, members-only club that is surrounded by beaches and national park.
6	20 th May to 26 th May	22 nd , 23 rd and 26 th May	The site is a golf resort in regional NSW, surrounded by residential properties and nature conservation areas.
7	20 th May to 26 th May	22 nd , 23 rd and 26 th May	The site is next to another golf club, residential dwellings, and nature reserve.
8	19 th to 25 th June	19 th , 20 th and 23 rd June	This site is adjacent to a reserve, residential properties, and a public school.
9	19 th to 25 th June	N/A	This site is located in a regional town and is surrounded by residential properties and adjacent to the New England Highway corridor. <i>Only automatic counts could be retrieved from this site due to Covid-19 restrictions.</i>
10	19 th to 25 th June	N/A	The site is adjacent to a hospital as well as commercial and industrial land uses. <i>Only automatic counts could be retrieved from this site due to Covid-19 restrictions.</i>
11	20 th to 26 th May	22 nd , 23 rd and 26 th May	The site is in a regional town and is surrounded by residential, agricultural and educational land uses.
12	5 th to 11 th May	5 th , 8 th and 9 th of May	The site is located next to a retail shopping hub, residential dwellings, a historic site, and the river. No in-person surveys conducted at this location.
13	24 th to 30 th June	26 th , 27 th and 30 th of June	This site is in a regional town and is next to residential dwellings.
14	19 th to 25 th June	19 th , 20 th and 23 rd June	This site is surrounded by residential dwellings and abuts an air force training base. <i>Only two days of in-person questionnaires were collected at this site.</i>
15	19 th to 25 th June	N/A	This site is surrounded by forest and adjacent to the Newcastle Inner City Bypass. <i>Only automatic counts could be retrieved from this site due to Covid-19 restrictions.</i>

3.2 Data Collection Surveys

The following data was collected during the surveys:

- Number of entering and exiting vehicles (cars/heavy vehicles) (in 15-minute periods) – both manual and automatic tube counts
- Number of vehicle occupants (in 15-minute periods) – where possible (manual counts only)
- Number of pedestrians and cyclists (in 15-minute periods).

In addition to the above data, customer surveys were undertaken at all of the sites (except Coolangatta and Tweed Golf Club) and included four (4) questions aimed at determining customer mode of transport and trip purpose. The questions included:

1. “Which suburb did you travel from today?”
2. “How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT – specify mode), walk (W) or cycle (C).”
3. “If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF).”
4. “What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant/café/bar or function room (F), to work (W), or other (please specify).”

3.3 Site Information

The following site information was collected for each site (where available):

- Number of holes on golf course
- Opening year
- Other uses on the site, such as function rooms, café / restaurant, etc.
- Floor area and seating capacity of café / restaurant (if applicable)
- Function room floor area
- Driving range operating hours (if applicable)
- Number of undercover parking bays
- Parking allocated to members or staff
- Weekday, Saturday and Sunday opening hours
- Busiest day and competition days
- Tee-off time interval
- Golf cart hire.

3.4 Collection Methods

The data was collected using three (3) different sources, as follows:

- By contacting the manager / club president
- By manually researching information and review aerial imagery
- Through survey information collected by TDC.

A limited range of information and data about each site was collected due to a lack of survey participation from the sites. 11 of the 15 sites surveyed responded to our request for information. The information for the remaining 4 sites was sourced from publicly available Development Application documents and aerial/street-view imagery.

3.5 Survey Data Impacts

The collection of survey data was impacted by Covid-19 restrictions and border closures throughout Sydney and regional NSW. Manual surveys and customer questionnaires could not be completed for three sites:

- Scone Golf Club
- Gosford Golf Club
- Charlestown Golf Club

As a result, parking data, mode split data and person trip data were not available for these three locations.

4. SURVEY RESULTS

4.1 Overview

This report contains a summary of select data. Alongside daily trip data, each site's AM and PM peak periods are reviewed on a weekday (Wednesday) and a daily peak period is reviewed on the weekends (Saturday & Sunday). Preliminary data summaries for all the sites are contained in **Appendix A** and include site information, trip generation derived from traffic counts and survey data. Complete survey data sets for individual sites, as completed by TDC, are provided in **Appendix B**.

4.2 Preliminary Analysis and Key Statistics

Key outputs of the surveys including factors that impact the road network such as, vehicle trip generation, parking occupancy, development peak periods, site area, number of holes on the golf course, and number of on-site car parking spaces have been summarised in this section.

During the preliminary analysis it was noted that Site 2 (Moore Park Golf Club) has much higher traffic generation than the other golf courses. As the population within a 5km radius of the site is much higher at Moore Park than any of the other sites, and it is theorised that higher population density is a corresponding factor for high trip generation. In addition, Moore Park has longer operating hours than most other Golf Courses as well as offering an elaborate driving range that likely acts as a key attractor.

It was also noted that Site 6 (Riverside Oaks Golf Club) is located within a resort. The on-site parking demands are much lower for this site, and it is theorised that this is due to the majority of the patrons staying in the on-site accommodation rather than travelling to the site from elsewhere. Trips per car parking space ratio was therefore much higher for this site than all of the other sites.

4.2.1 Initial Site Analysis

An initial site analysis was undertaken to identify any overarching trends within the survey data that will inform further detailed analysis and regression models to be completed in the subsequent corresponding Analysis Report.

A comparison between peak vehicle trips as well as daily vehicle trips across the 15 sites was undertaken, shown in Figure 4.1 and Figure 4.2 respectively, to establish if any trip demand profile could be found.

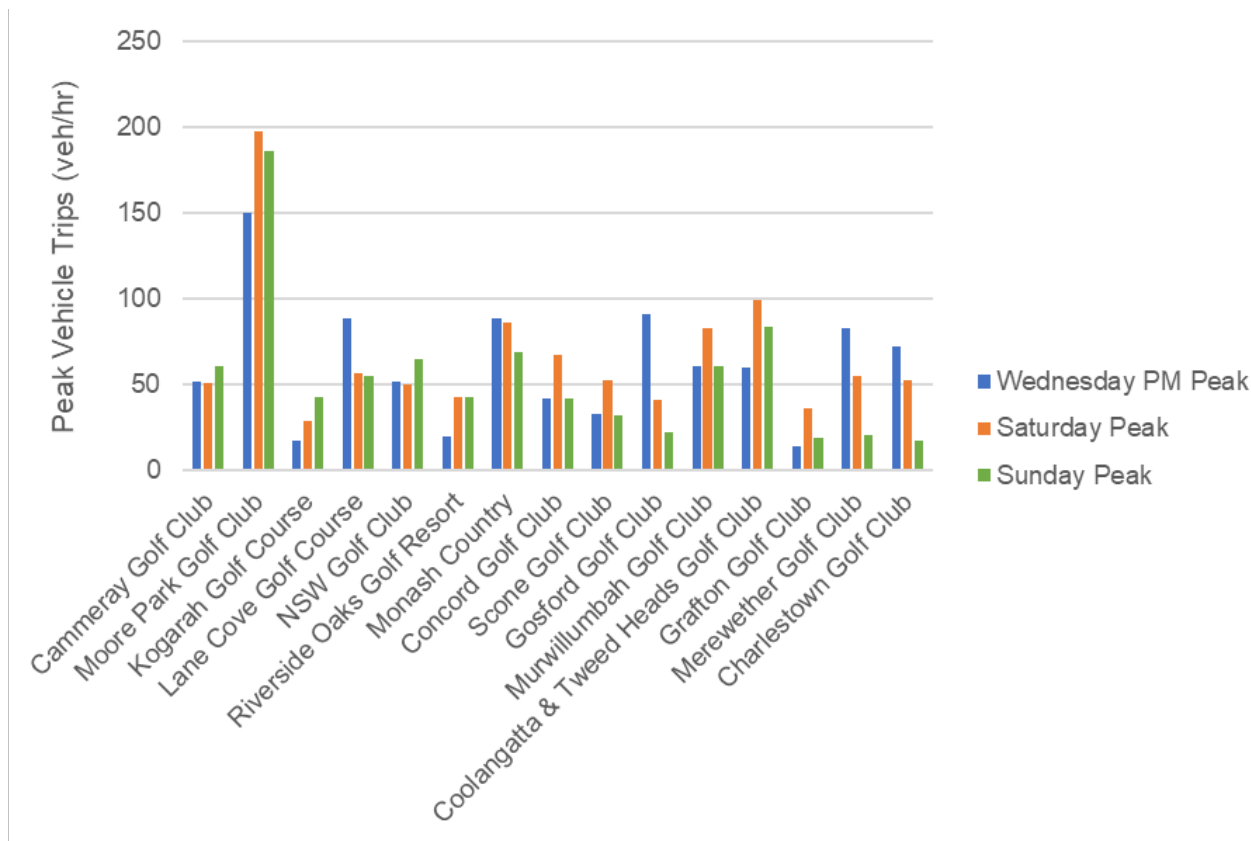


Figure 4.1: Peak Vehicle Trips on Weekdays and Weekends

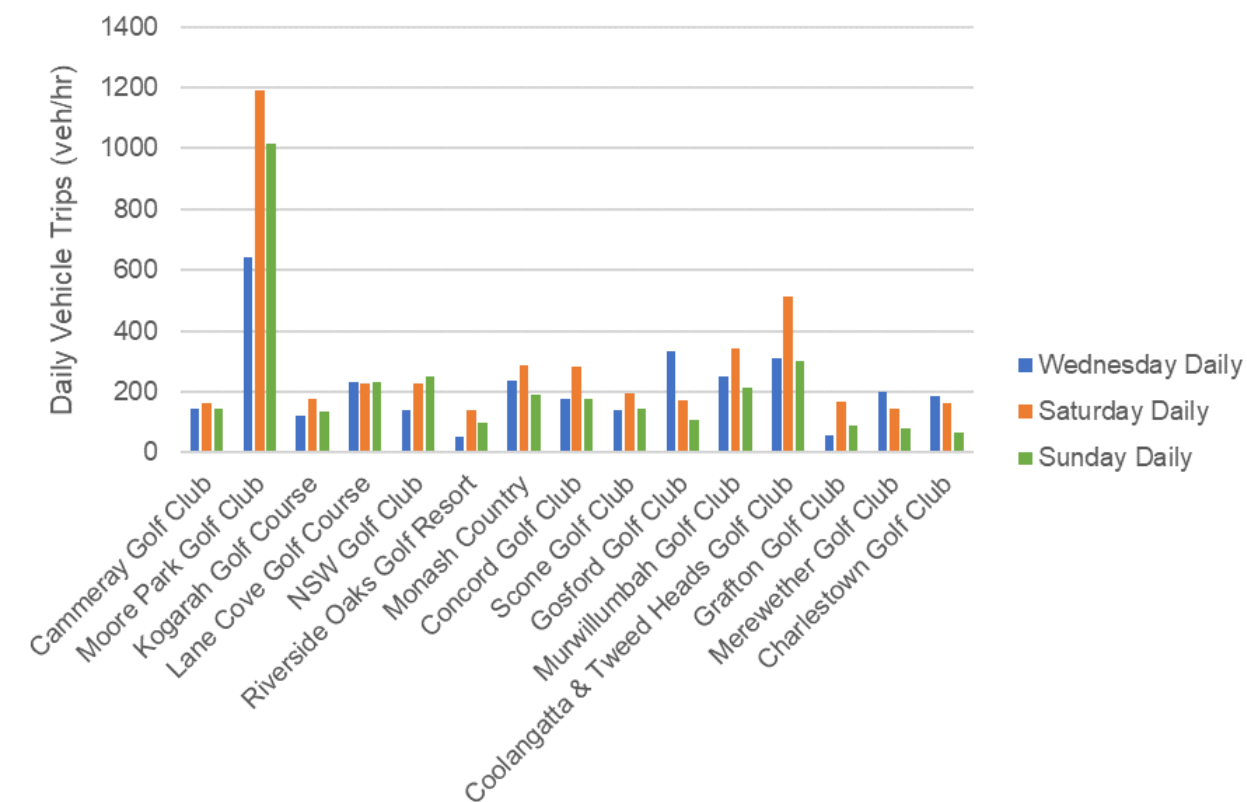


Figure 4.2: Daily Vehicle Trips Comparison

Generally, Saturdays had the highest trips generated, followed by Sundays.

Additional initial comparisons of the survey data were undertaken considering site area, number of holes on the golf course and number of on-site car parking spaces to establish any overarching trends. While some relationship was established with site area, no clear overarching data trends became apparent during initial analysis. The following sections summarise survey data results for comparison.

4.2.2 Wednesday Survey Data

Surveys conducted for sites on a Wednesday have been examined to identify key findings and trends in trip generation and associated factors. Complete site data details can be found in **Appendix A**.

Figure 4.3 below illustrates the average hourly traffic on Wednesday for all 15 sites.

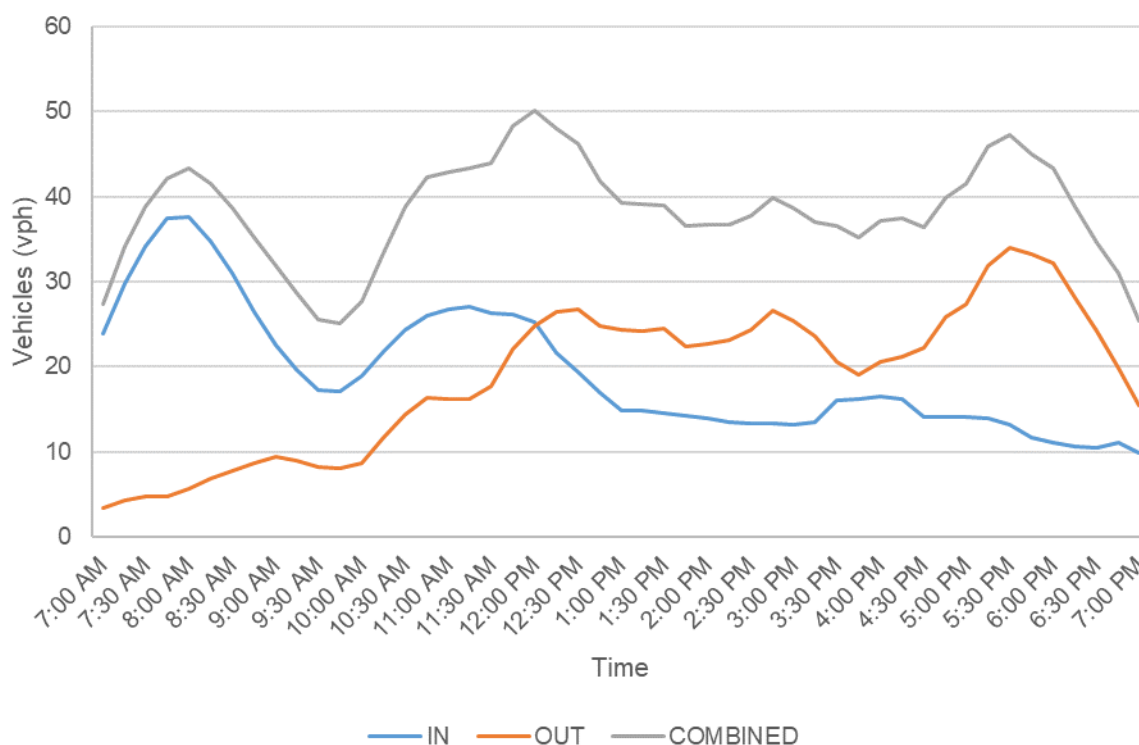


Figure 4.3: Average Daily Traffic Profile – Wednesday

Examination of the data indicates that the Wednesday peak periods are typically between 7:30 AM and 8:30 AM and 5:30 PM and 6:30 PM. Additionally, there is a midday peak when the morning golfers leave, and early afternoon golfers arrive. A common trend across all sites is the PM peak is higher than the AM peak.

As shown in Table 4.1, the peak period varies across all the sites.

Table 4.1: Trip Data Summary – Wednesday

Site #	Daily Development Peak	Peak Vehicle Trips	Peak Trips per No. of Holes	Peak Trips per Parking Space	Peak Trips per 10,000m ² Site Area	Daily Vehicle Trips	Daily Trips per No. of Holes	Peak Trips : Daily Trips Factor
1	4:30 – 5:30 PM	52	5.78	1.16	4.16	145	16.11	0.36
2	5:00 – 6:00 PM	150	8.33	0.86	4.69	640	35.56	0.23
3	8:15 – 9:15 AM	53	2.94	0.41	1.96	123	6.83	0.43
4	6:00 – 7:00 PM	89	9.89	1.05	6.85	230	25.56	0.39
5	10:45 – 11:45 AM	63	3.50	0.79	1.43	141	7.83	0.45
6	1:45 – 2:45 PM	20	0.56	0.87	0.24	54	1.50	0.37
7	5:00 – 6:00 PM	89	4.94	0.47	2.02	237	13.17	0.38
8	11:30 – 12:30 PM	52	2.89	0.38	1.24	178	9.89	0.29
9	1:00 – 2:00 PM	33	3.67	1.18	0.87	141	15.67	0.23
10	10:15 – 11:15 AM	95	5.28	0.83	2.32	334	18.56	0.28
11	3:15 -4:15 PM	61	3.39	0.80	1.36	251	13.94	0.24
12	11:00 – 12:00PM	142	3.94	0.33	1.58	309	8.58	0.46
13	12:45 – 1:45 PM	14	0.78	0.23	0.22	56	3.11	0.25
14	2:00 – 3:00 PM	83	4.61	0.52	2.52	199	11.06	0.42
15	1:45 – 2:45 PM	72	4.00	0.63	1.44	186	10.33	0.39

Initial examination of the Wednesday data for all the sites indicates that:

- The peak vehicle trips per 10,000m² of site area average out to 2.2 with data points ranging from 0.2 to 6.9.
- The peak vehicle trips per hole average out to 4.3 with data points ranging from 0.6 to 9.9.
- The peak vehicle trips per parking space average out to 0.7 with data points ranging from 0.2 to 1.2.
- The peak trips and daily trips on Wednesdays are generally less than the weekend peak and daily trips.
- The peak trip to daily trip ratio varies between 0.23 and 0.46, with an average of 0.34, across all 15 sites.

4.2.3 Saturday Survey Data

Surveys conducted for sites on a Saturday have been examined to identify key findings and trends in trip generation and associated factors.

Figure 4.4 below illustrates the average hourly traffic on Saturday for all 15 sites.

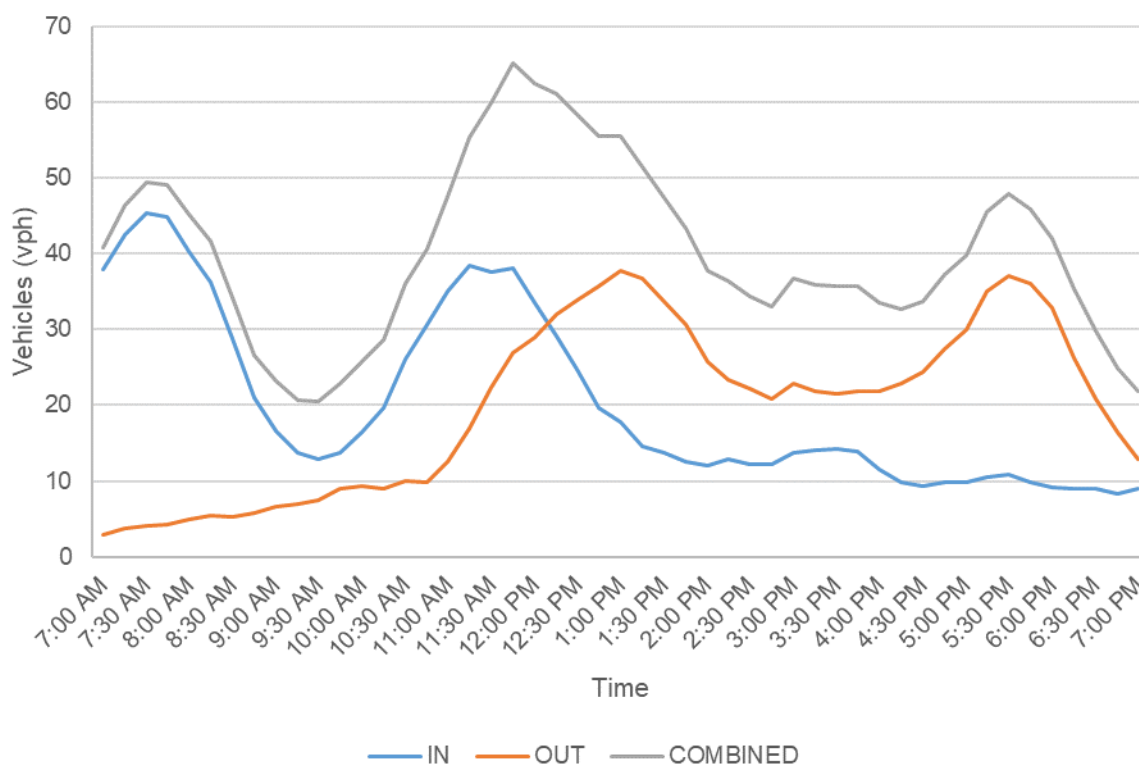


Figure 4.4: Average Daily Traffic Profile – Saturday

Examination of the data indicates that the development average Saturday one-hour peak period is typically between 11:30 AM and 12:30 PM, as the morning golfers leave, and the afternoon golfers arrive. However, smaller peaks (similar to Wednesday data) are present in the morning and afternoon as well.

Notwithstanding, as shown in Table 4.2, the peak period varies across all the sites.

Table 4.2: Trip Data Summary – Saturday

Site #	Daily Development Peak	Peak Vehicle Trips	Peak Trips per No. of Holes	Peak Trips per Parking Space	Peak Trips per 10,000m ² Site Area	Daily Vehicle Trips	Daily Trips per No. of Holes	Peak Trips : Daily Trips Factor
1	2:30 -3:30 PM	51	5.67	1.13	4.08	163	18.11	0.31
2	12:00 – 1:00 PM	198	11.00	1.14	6.19	1192	66.22	0.17
3	6:30 -7:30 PM	29	1.61	0.22	1.07	178	9.89	0.16
4	7:45 -8:45 AM	57	6.33	0.67	4.38	225	25.00	0.25
5	10:30 – 11:30 AM	50	2.78	0.63	1.14	229	12.72	0.22
6	11:30 -12:30 PM	43	1.19	1.87	0.52	141	3.92	0.30
7	4:45 -5:45 PM	86	4.78	0.46	1.95	286	15.89	0.30
8	12:00 – 1:00 PM	67	3.72	0.49	1.60	282	15.67	0.24
9	4:30 – 5:30 PM	53	5.89	1.89	1.39	197	21.89	0.27
10	6:30 – 7:30AM	41	2.28	0.36	1.00	172	9.56	0.24
11	11:00 -12:00 PM	83	4.61	1.09	1.84	343	19.06	0.24
12	10:45 – 11:45 AM	99	2.75	0.23	1.10	515	14.31	0.19
13	10:45 – 11:45 AM	36	2.00	0.60	0.56	169	9.39	0.21
14	6:15 – 7:15 AM	55	3.06	0.35	1.67	144	8.00	0.38
15	6:45 – 7:45 AM	53	2.94	0.46	1.06	163	9.06	0.33

Initial examination of the Saturday data for all sites indicates that:

- The peak vehicle trips per 10,000m² of site area average out to 2.0 with data points ranging from 0.2 to 6.2.
- The peak vehicle trips per hole average out to 5.6 with data points ranging from 1.4 to 11.0.
- The peak vehicle trips per parking space average out to 0.8 with data points ranging from 0.2 to 1.9.
- The peak trips and daily trips on Saturdays are generally higher than any other day of the week.
- The peak trip to daily trip ratio varies between 0.16 and 0.38, with an average of 0.25, across all 15 sites.

4.2.4 Sunday Survey Data

Surveys conducted for sites on a Sunday have been examined to identify key findings and trends in trip generation and associated factors. Complete site data details can be found at **Appendix A**.

Figure 4.5 below illustrates the average hourly traffic on Sunday for all 15 sites.

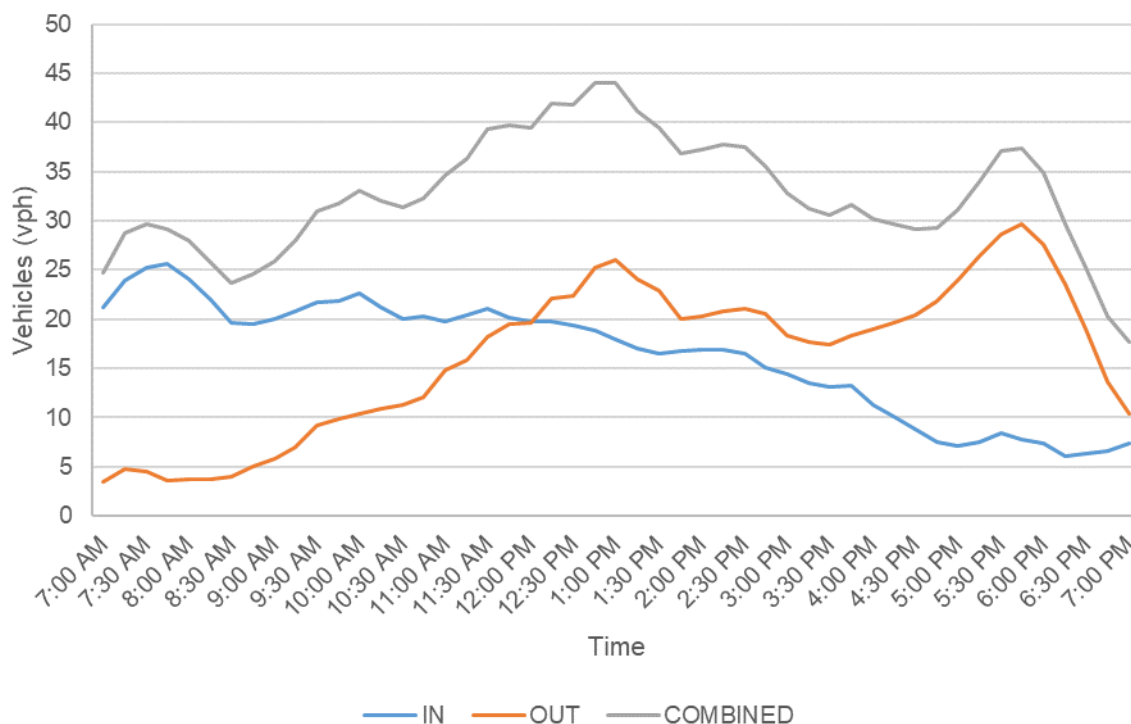


Figure 4.5: Average Daily Traffic Profile – Sunday

Examination of data indicates that the development average Sunday one-hour peak period is between 12:30 PM and 1:30 PM, and is related to when golfers leave after beginning their round mid-morning. This peak occurs slightly later than the Saturday peak hour. Generally the trips are spread more evenly throughout the day on Sundays, compared to the distinct peak periods observed during Wednesdays and Saturdays. As shown in Table 4.3, the peak period varies across all the sites.

Table 4.3: Trip Data Summary – Sunday

Site #	Daily Development Peak	Peak Vehicle Trips	Peak Trips per No. of Holes	Peak Trips per Parking Space	Peak Trips per 10,000m² Site Area	Daily Vehicle Trips	Daily Trips per No. of Holes	Peak Trips : Daily Trips Factor
1	2:45 -3:45 PM	61	6.78	1.36	4.88	146	16.22	0.42
2	12:15 – 1:15 PM	186	10.33	1.07	5.81	1017	56.50	0.18
3	8:45 - 9:45 AM	43	2.39	0.33	1.59	137	7.61	0.31
4	8:15 – 9:15 AM	55	6.11	0.65	4.23	233	25.89	0.24
5	12:45 – 1:45 PM	65	3.61	0.81	1.48	252	14.00	0.26
6	12:30 – 1:30 PM	43	1.19	1.87	0.52	97	2.69	0.44
7	4:45 -5:45 PM	69	3.83	0.37	1.57	188	10.44	0.37
8	11:30 – 12:30 PM	42	2.33	0.31	1.00	178	9.89	0.24
9	10:30 – 11:30 AM	32	3.56	1.14	0.84	144	16.00	0.22
10	6:30 – 7:30 AM	22	1.22	0.19	0.54	105	5.83	0.21
11	1:15 – 2:15 PM	61	3.39	0.80	1.36	211	11.72	0.29
12	12:00 -1:00 PM	84	2.33	0.19	0.93	302	8.39	0.28
13	6:30 -7:30 AM	19	1.06	0.32	0.30	90	5.00	0.21
14	6:15 – 7:15 AM	21	1.17	0.13	0.64	79	4.39	0.27
15	11:30 – 12:30 PM	17	0.94	0.15	0.34	66	3.67	0.26

Initial examination of the Sunday data for all sites indicates that:

- The peak vehicle trips per 10,000m² of site area average out to 1.7 with data points ranging from 0.3 to 5.8.
- The peak vehicle trips per hole average out to 3.4 with data points ranging from 0.9 to 10.3.
- The peak vehicle trips per parking space average out to 0.7 with data points ranging from 0.1 to 1.9.
- The peak trips and daily trips on Sundays are generally lower than on Saturdays but higher than on Wednesdays.
- The peak trip to daily trip ratio varies between 0.18 and 0.44, with an average of 0.28, across all 15 sites.

4.3 Network Traffic Data

Network traffic data was sourced for locations near surveyed sites where available. This data was obtained from the online NSW Traffic Volume Viewer, as well as directly from the relevant Councils. Whilst data was not available for all of the sites, generally network peaks occurred at similar times across the locations where data was available. The data indicates that:

- **Weekday** network peak hours generally occur between 7am – 9am and 4pm – 6pm. This overlaps with the times at which smaller peaks occur (i.e. golfers arriving in the morning or leaving in the evening). However, on average the Golf Clubs *development peak* occurs at midday, outside typical network peak times, as golfers leave from a morning session and arrive for an afternoon session.
- **Weekend** network peak hours were less consistent across all of the sites; however, the peak generally occurred between 11AM – 2PM. This shares some similarities with the site traffic profiles, as the weekend development peak also occurs within this time period. There is a secondary development peak in the evening as the golfers leave (or diners arrive) which does not overlap with the network peak.

The network traffic data has been included in **Appendix C**.

4.4 Survey Sites Peak Period Trip Comparison

In Section 4.3, peak period comparisons of the potential contributing factors that influence traffic generation across each site are presented. These include vehicle trip rates per number of holes and per 10,000m² of site area. Other contributing factors, including site area and parking bays are included within **Appendix A** for each site.

Figure 4.6, Figure 4.7, Figure 4.8, Figure 4.9, and Figure 4.10 compare the traffic generation across each site per number of holes, including an average for comparison, for the Wednesday AM peak (peak traffic between opening and 12 noon), Wednesday PM peak (peak traffic between 12 noon and closing), Wednesday daily peak (time of peak varies per site), Saturday and Sunday peak periods respectively.

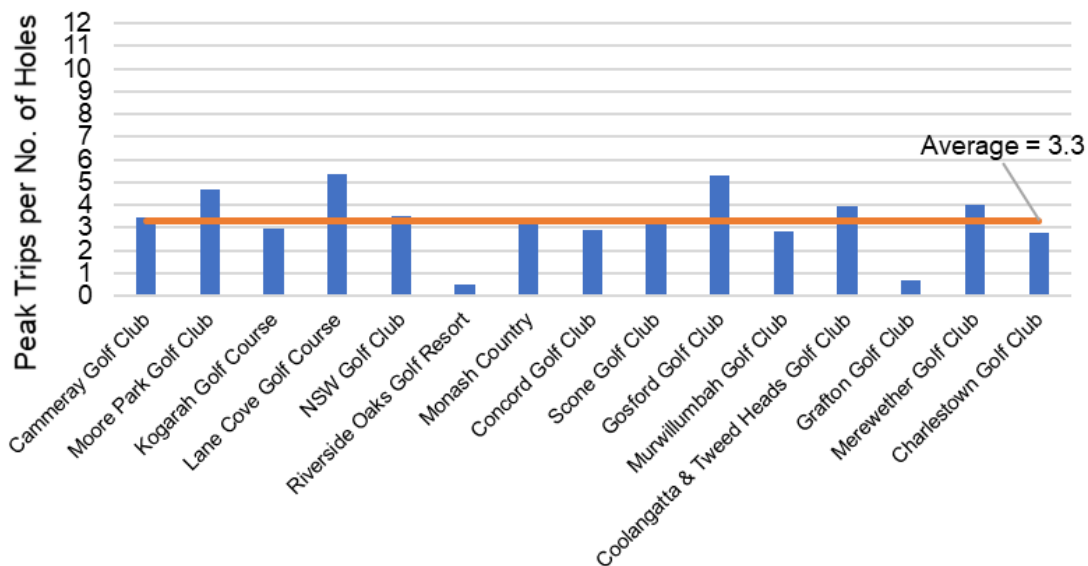


Figure 4.6: Peak Vehicle Trip Rate (per Number of Holes) – Wednesday AM Peak

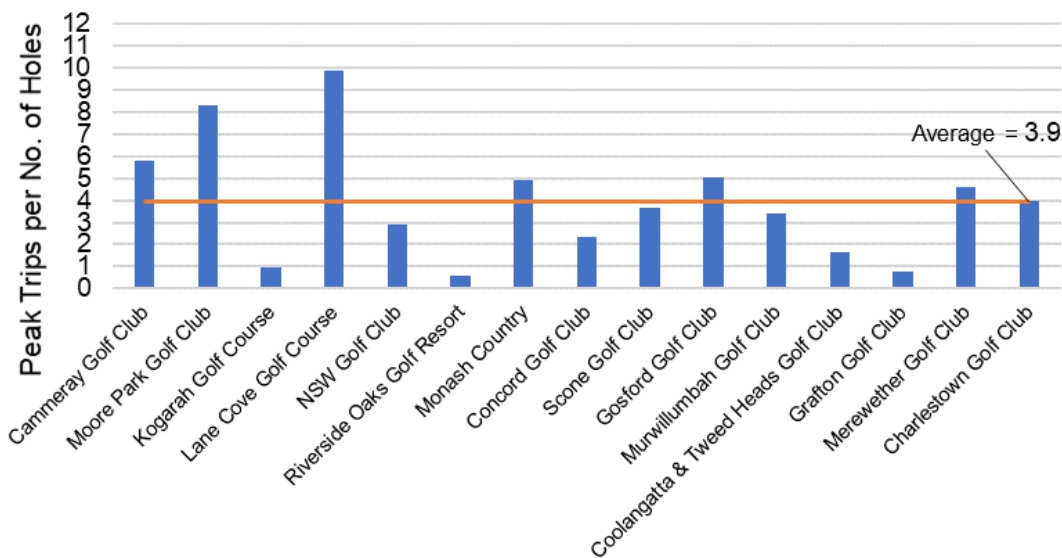
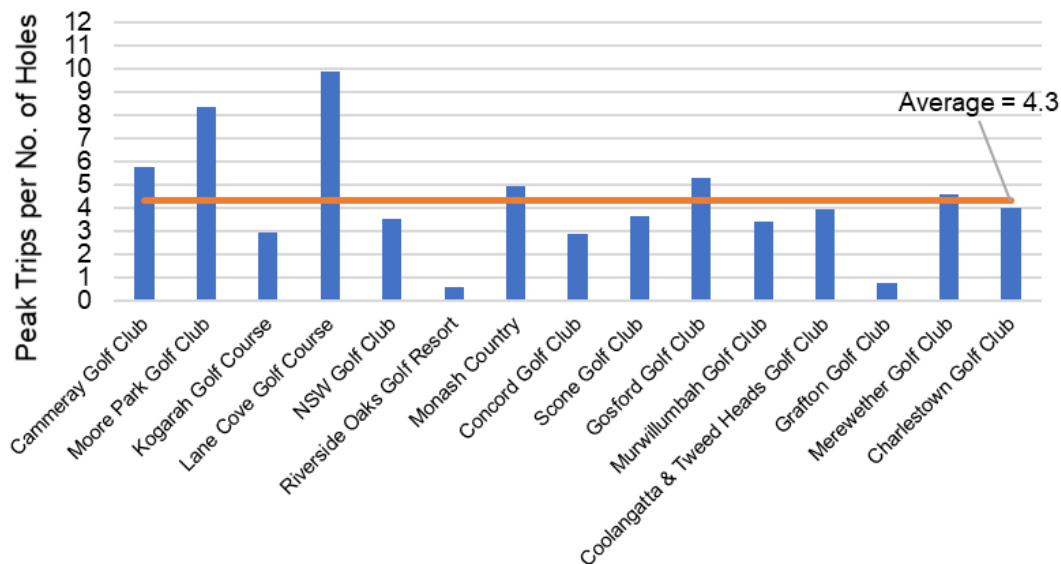


Figure 4.7: Peak Vehicle Trip Rate (per Number of Holes) – Wednesday PM Peak



Refer to Table 4.1 for development peak hours.

Figure 4.8: Peak Vehicle Trip Rate (per Number of Holes) – Wednesday Daily Peak

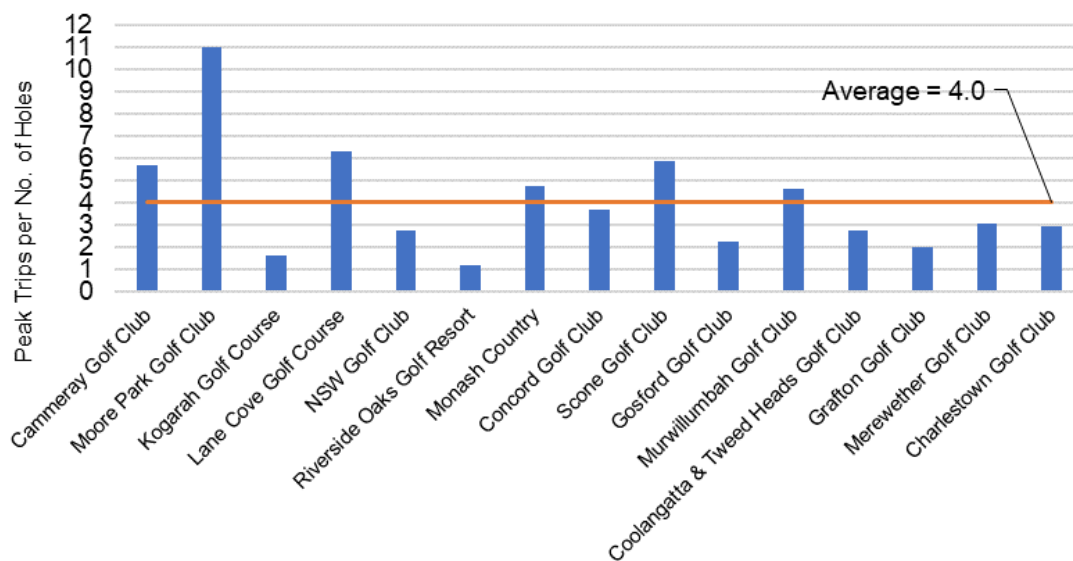


Figure 4.9: Peak Vehicle Trip Rate (per Number of Holes) – Saturday Peak

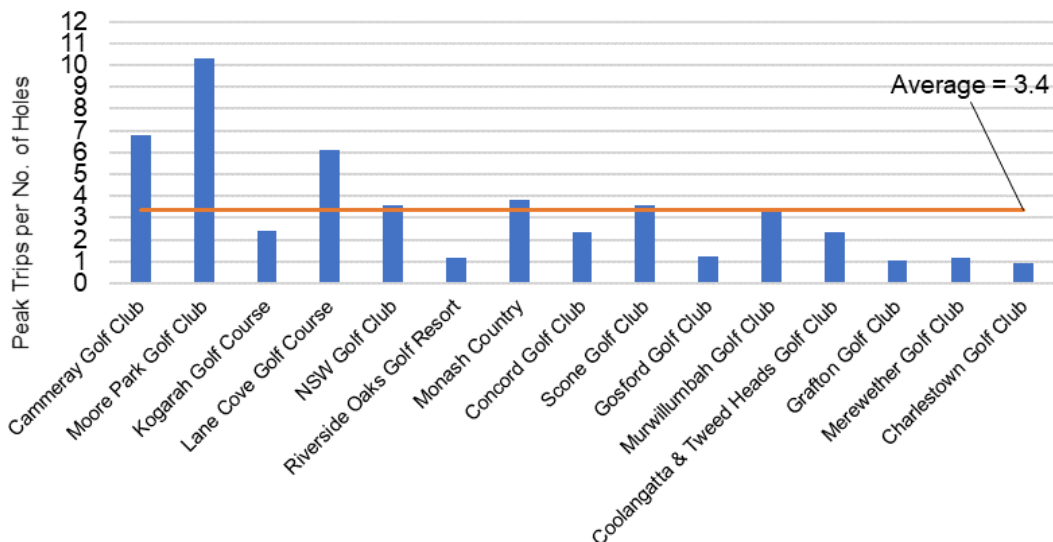


Figure 4.10: Peak Vehicle Trip Rate (per Number of Holes) – Sunday Peak

Initial examination of the above shows that:

- Trip generation rates appear inconsistent across all sites with no clear trends
- Site 2 (Moore Park) has significantly higher trip generation rates compared to the other sites based on the high number of total vehicle trips
- Site 6 (Riverside Oaks) has significantly lower trip generation rates compared to the other sites. As this site is located within a resort, fewer trips are generated by the golf course, as a portion of the visitors to the golf course are already staying on site.

4.4.1 Trips per 10,000m² of Site Area

Figure 4.11, Figure 4.12, Figure 4.13, Figure 4.14, and Figure 4.15 compare the traffic generation across each site per 10,000m² of site area including an average for comparison, for the Wednesday AM and PM peak, Saturday and Sunday peak periods respectively.

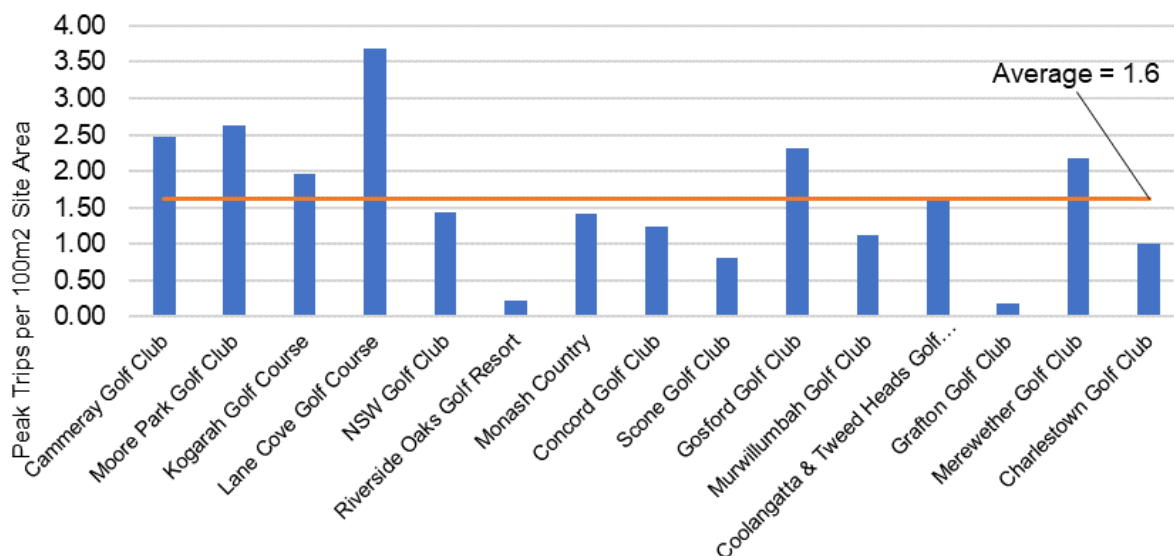


Figure 4.11: Peak Vehicle Trip Rate (per 10,000m²) – Wednesday AM Peak

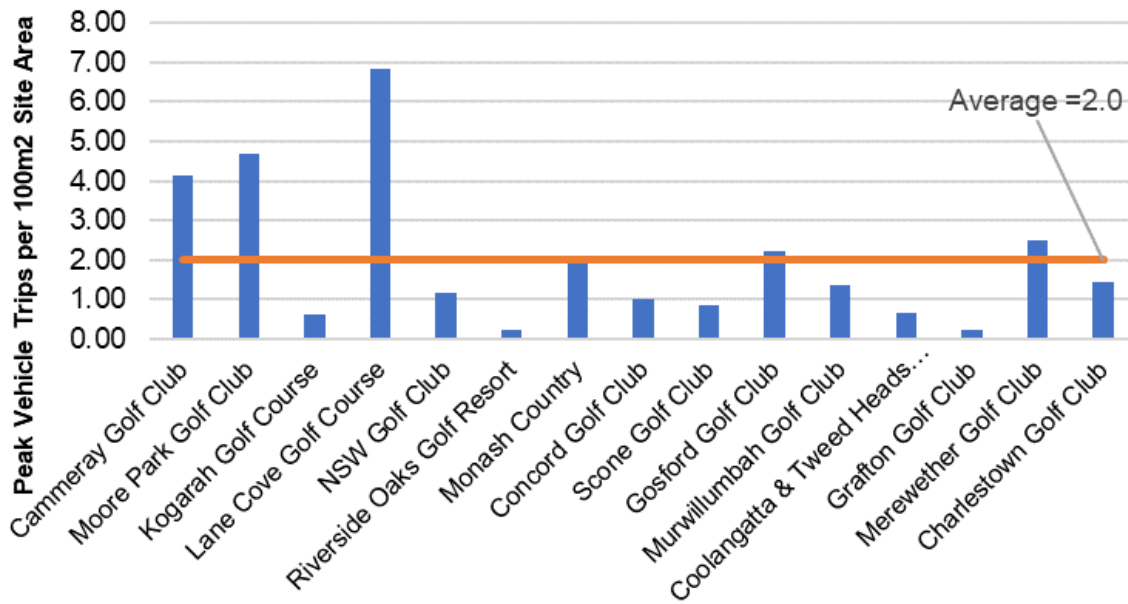


Figure 4.12: Peak Vehicle Trip Rate (per 10,000m²) – Wednesday PM Peak

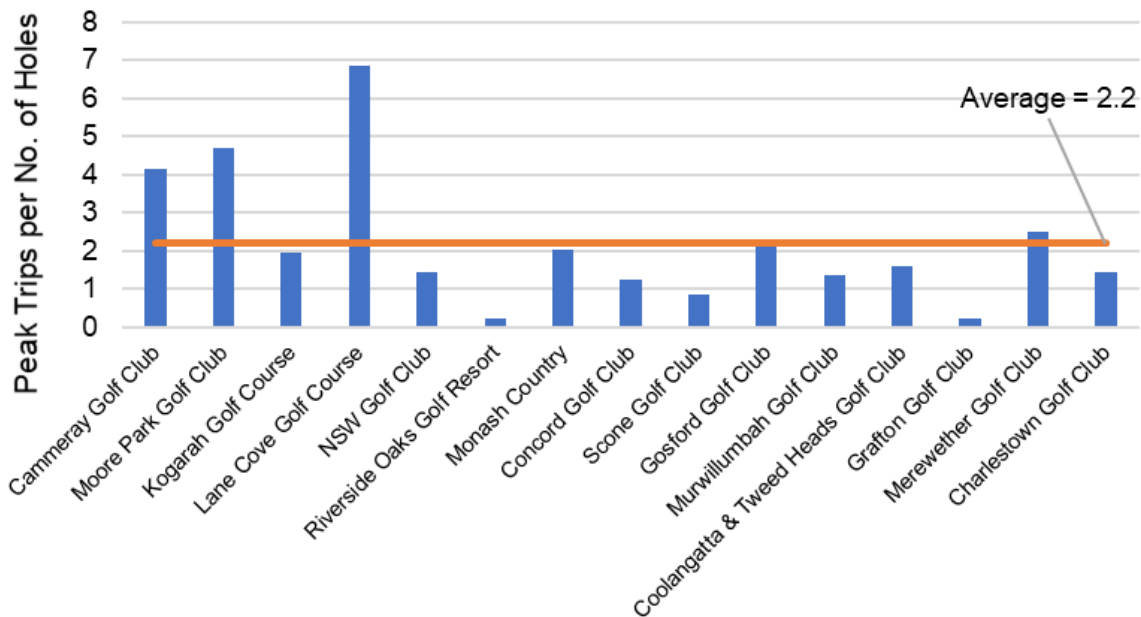


Figure 4.13: Peak Vehicle Trip Rate (per 10,000m²) – Wednesday Daily Peak

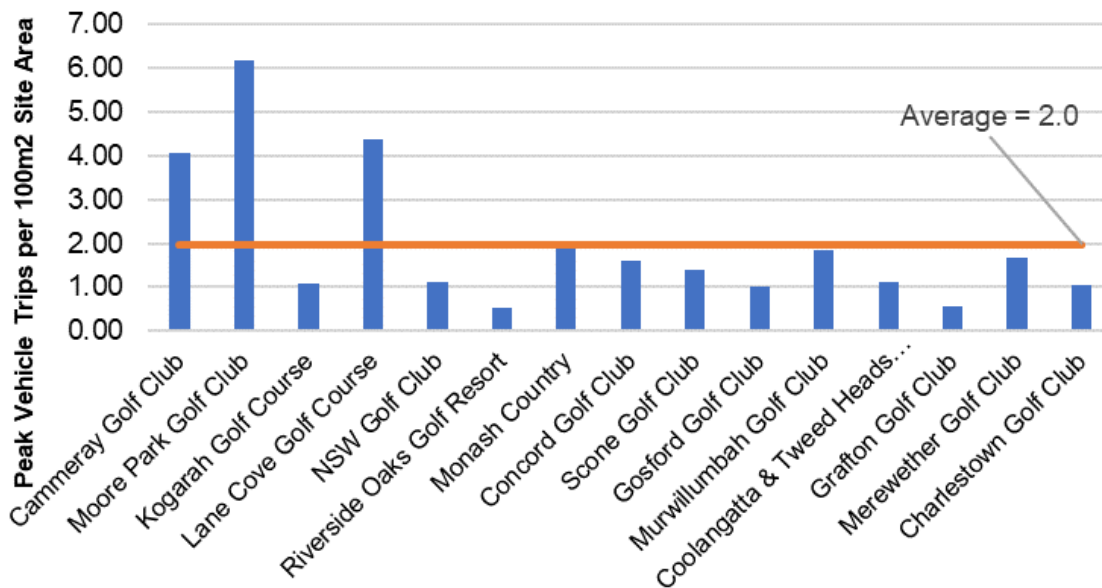


Figure 4.14: Peak Vehicle Trip Rate (per 10,000m²) – Saturday Peak

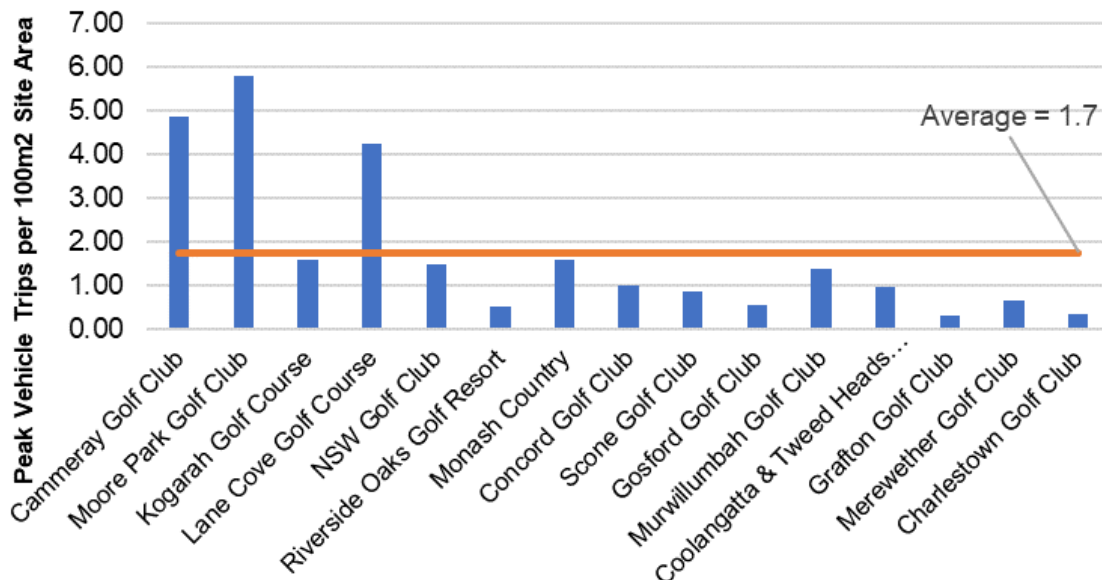


Figure 4.15: Peak Vehicle Trip Rate (per 10,000m²) – Sunday Peak

Initial examination of the above shows that:

- Trip generation rates per 10,000m² of site area appear inconsistent across all sites with no clear trends
- Site 2 (Moore Park) has significantly higher trip generation rates compared to the other sites based on the high number of total vehicle trips
- Site 6 (Riverside Oaks) has significantly lower trip generation rates compared to the other sites. As this site is located within a resort, fewer trips are generated by the golf course, as a portion of the visitors to the golf course are already staying on site.
- During the weekends, sites show higher vehicle trip generation on average than the weekday peak periods

4.5 Parking Data

4.5.1 Parking Occupancy Surveys

Parking occupancy data was manually collected at 6AM, 10AM and 7PM on each of the manual survey dates, as shown in Table 4.4. As discussed in previous sections, manual surveys could not be undertaken at sites 9, 10 and 15 due to Covid-19 restrictions, so parking data is not available for these sites. It was noted that for some sites, the number of parked cars exceeded the number of formal parking spaces on site.

Table 4.4: Parking Occupancy – Car Spaces

Site	Total Available Spaces		Wednesday 6:00 AM, 10:00 AM, 7:00Pm		Saturday 6:00 AM, 10:00 AM, 7:00Pm			Sunday 6:00 AM, 10:00 AM, 7:00Pm		
		6:00 AM	10:00 AM	7:00 PM	6:00 AM	10:00 AM	7:00 PM	6:00 AM	10:00 AM	7:00 PM
1	45	1	39	9	2	44	11	11	33	3
2	174	14	153	119	7	312	48	25	200	53
3	129	10	108	2	5	120	7	6	113	2
4	85	8	64*	69	9	75	10	9	85	13
5	80	2	104	6	6	106	3	5	93	5
6	23	3	5	3	7	4	17	23	18	1
7	189	4	115	3	31	146	2	28	113	0
8	136	8	136	19	2	118	8	6	87	3
9	28	Not Available								
10	114	Not Available								
11	76	9	92	32	14	111	44	11	67	13
12	434	13	179	2	14	228	7	17	121	0
13	60	3	5	0	1	38	12	1	35	0
14	159	6	74*	1	10	87	1	7	19*	3
15	115	Not Available								

**This figure has been estimated based on traffic in and out of the site.*

4.5.2 Daily Parking Profiles

The parking survey data above was combined with the automatic vehicle in / out data to produce a daily parking occupancy profile for each site. These profiles were averaged across all of the sites for which parking data was available and the resulting daily profiles were charted as shown in Figure 4.16. It should be noted that the parking occupancy was 'reset' via a manual count at 10AM in line with the surveyed parking numbers to account for additional or missing trips within the automatic count data, resulting in a 'break' in the graph at this point.

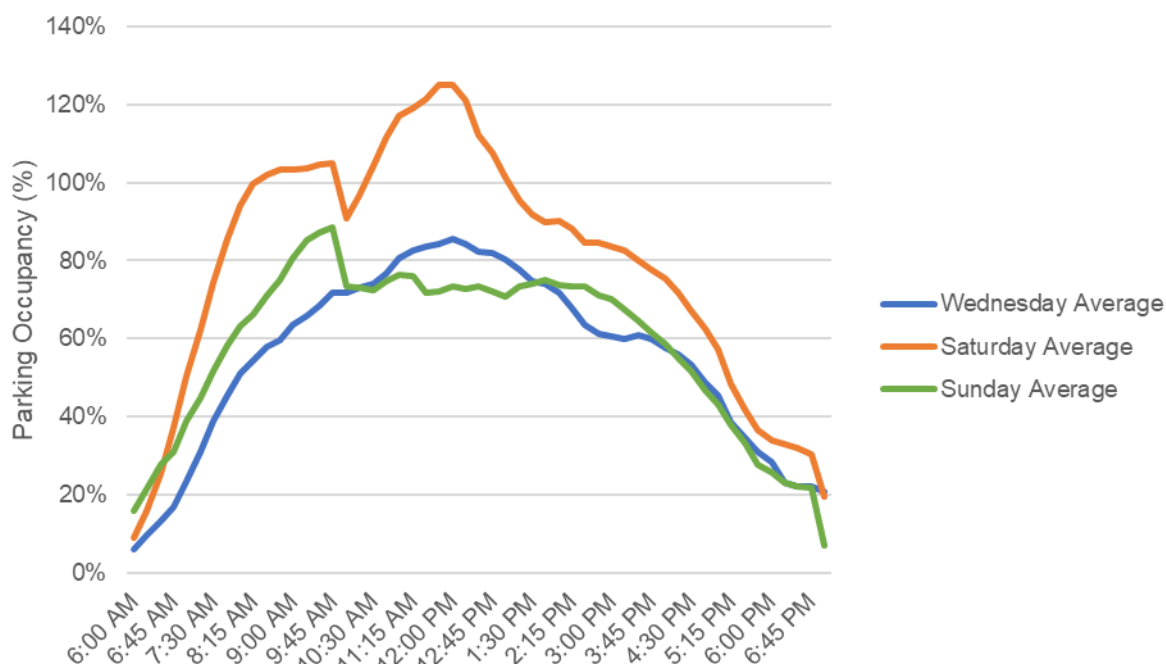


Figure 4.16: Average Parking Occupancy by Day

This shows that the peak parking occupancy generally occurs on Saturdays around 12:00PM. Generally, the parking demand exceeds the supply on Saturdays.

On average, the peak parking demand on Wednesdays does not exceed parking supply.

4.5.3 Peak Parking Occupancies

The maximum daily parking occupancies for each site are summarised in Figure 4.17 below.

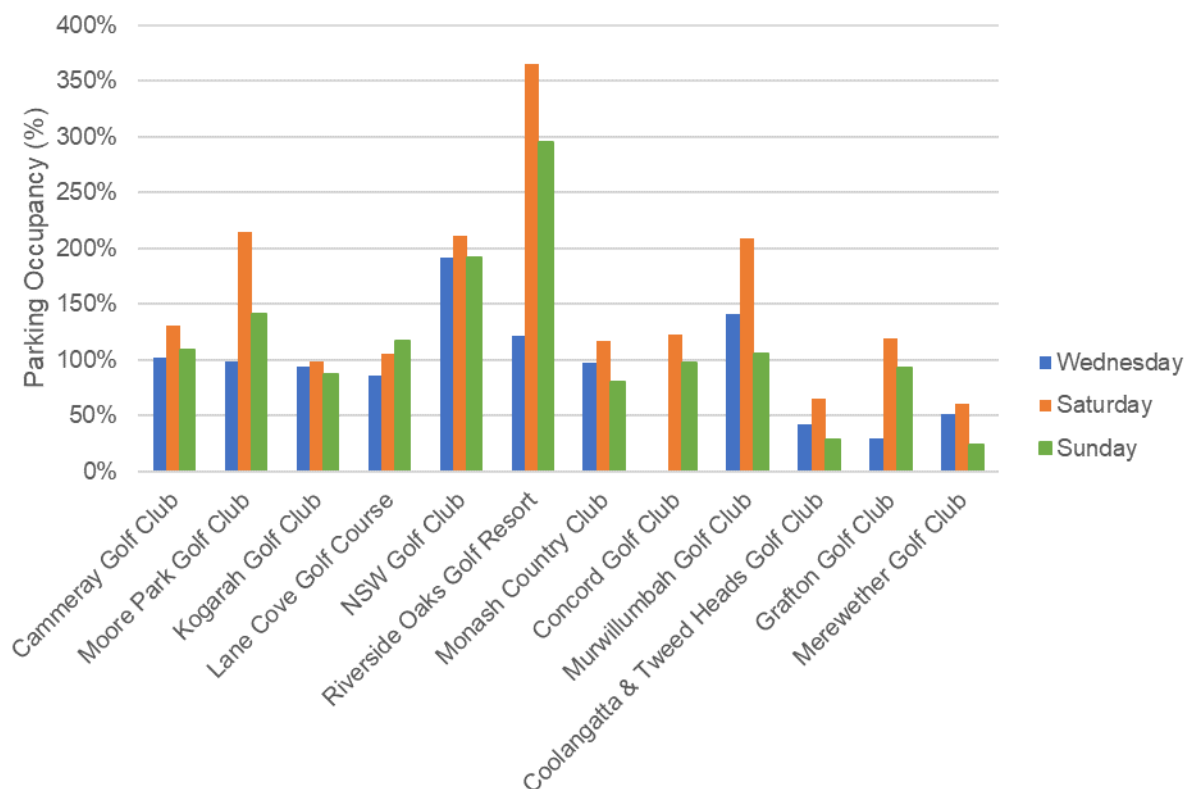


Figure 4.17: Peak Parking Occupancy

As shown above, there are a number of sites at which the parking demand exceeds the on-site parking supply (i.e. occupancy is greater than 100%), especially during the weekends. It is likely that informal parking is taking place at these locations (vehicles are parking outside marked parking areas). Also given that our calculations are based on the number of vehicles that enter and exit the site, it is likely that there are some vehicles that are entering without parking (i.e. pickup and drop-off), and thus the parking occupancy would be slightly overestimated.

4.5.4 Parking Rates

Parking Rate per GFA of On-site Café / Restaurant / Function Rooms

Parking rates were calculated based on the GFA of the combined restaurant / café / function rooms at each of the sites. Both the 10AM parking occupancy and maximum parking occupancy for each site were used to calculate the parking rates based on parking demand. Additionally, the parking supply rate was also calculated. These details are summarised in Figure 4.18, Figure 4.19 and Figure 4.20 below.

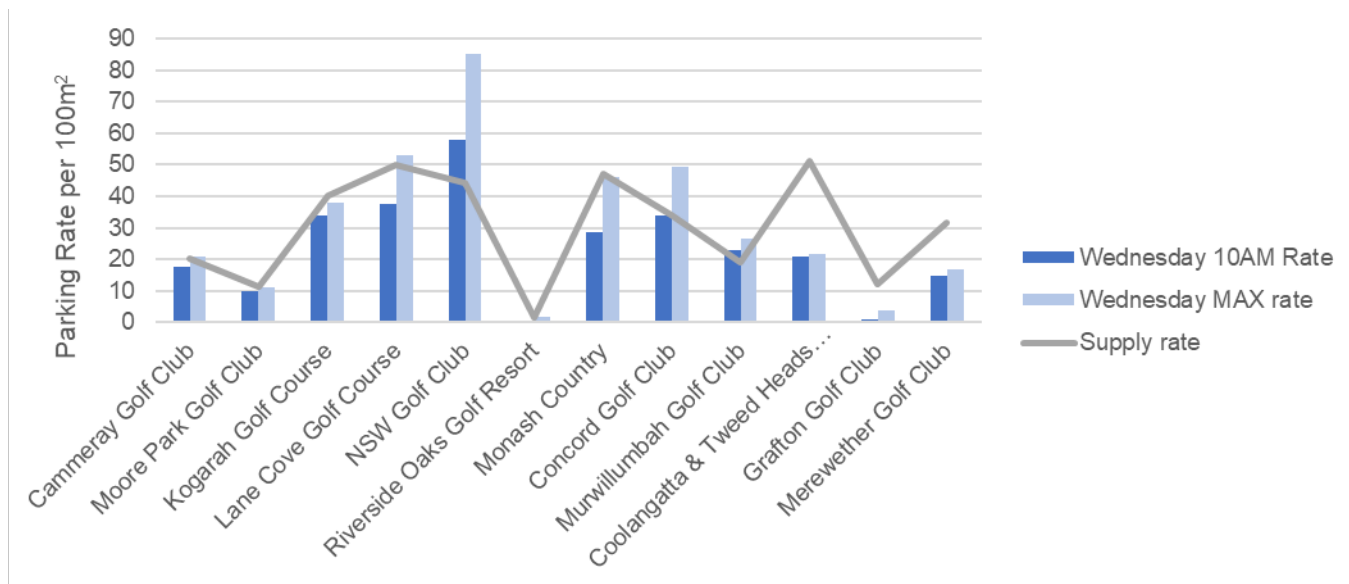


Figure 4.18: Supply and Demand Parking Rates per 100m² GFA of Café / Function Room - Wednesday

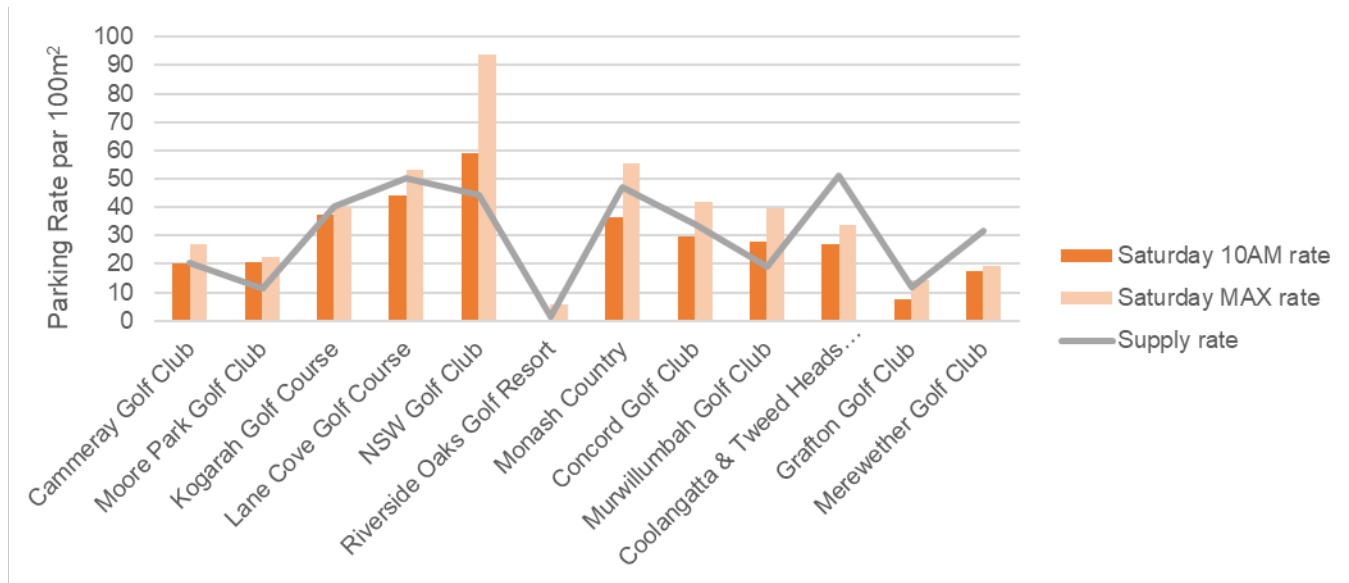


Figure 4.19: Supply and Demand Parking Rates per 100m² GFA of Café / Function Room - Saturday

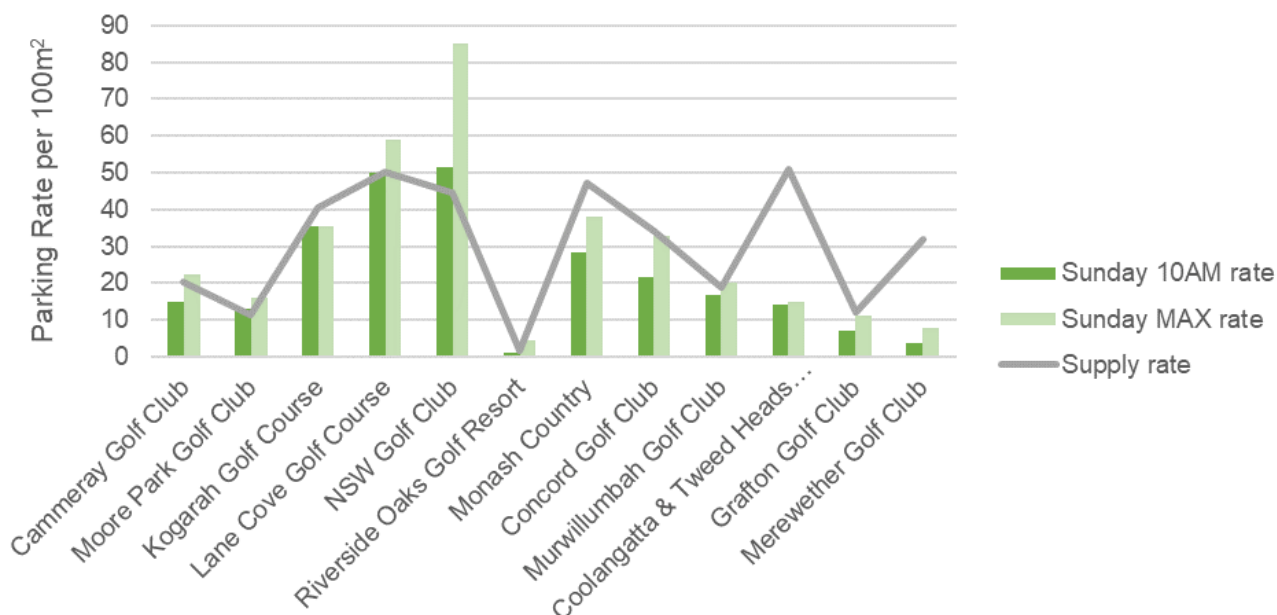


Figure 4.20: Supply and Demand Parking Rates per 100m² GFA of Café / Function Room – Sunday

Examination of the above data shows that:

- The demand exceeds the supply rate at Moore Park, Lane Cove, NSW Golf Club, Monash Country Club, and Concord Golf Club
- As is expected, weekend demand is higher than weekday demand.

Parking Rate per Number of Holes

Parking rates were also calculated based on the number of holes at each of the golf courses. Both the 10AM parking occupancy and maximum parking occupancy for each site were used to calculate the parking rates based on parking demand. The parking rates are summarised in Figure 4.21, Figure 4.22 and Figure 4.23 below.

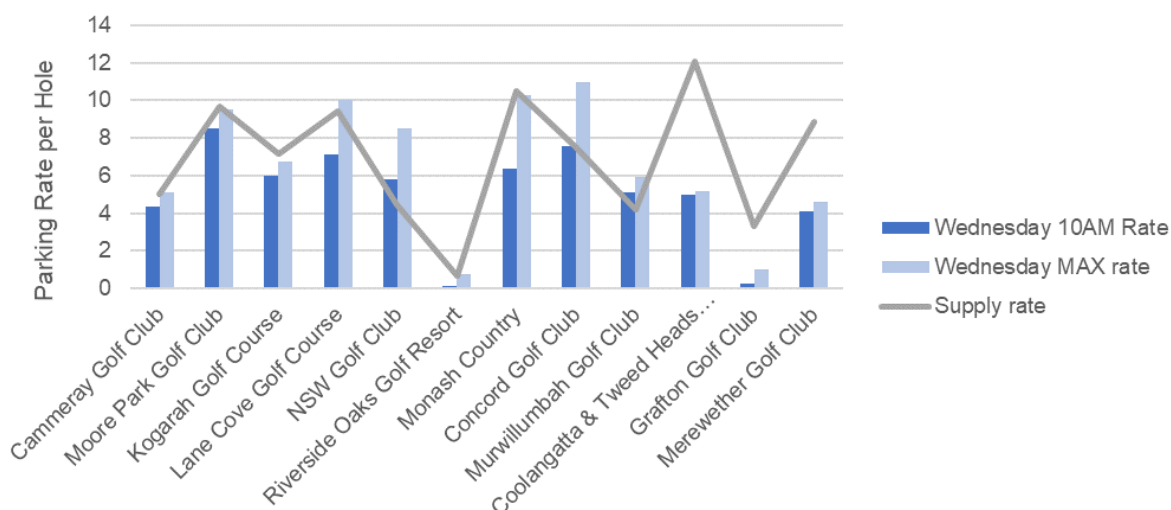


Figure 4.21: Supply and Demand Parking Rates per Hole – Wednesday

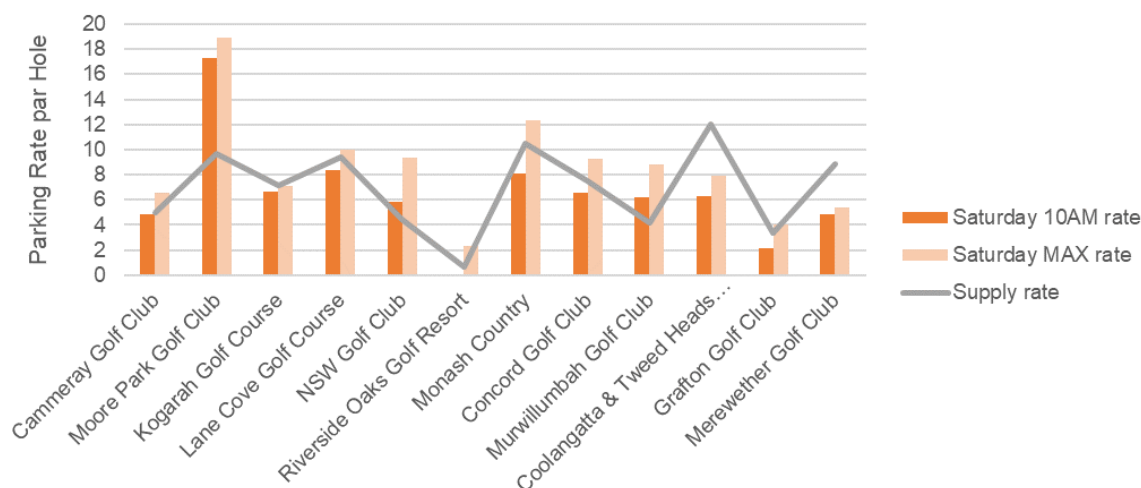


Figure 4.22: Supply and Demand Parking Rates per Hole – Saturday

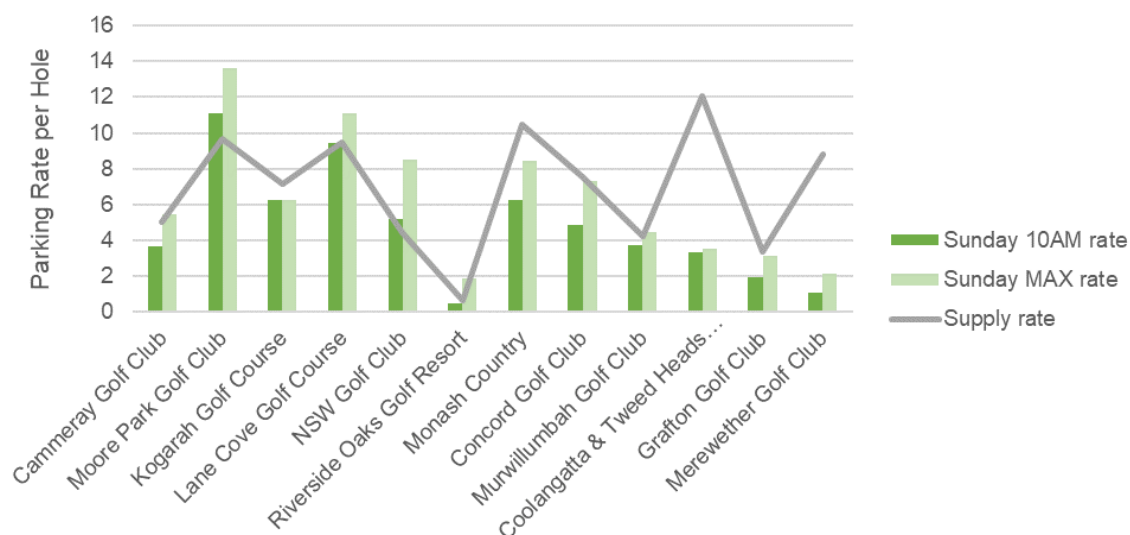


Figure 4.23: Supply and Demand Parking Rates per Hole – Sunday

Examination of the above data shows that:

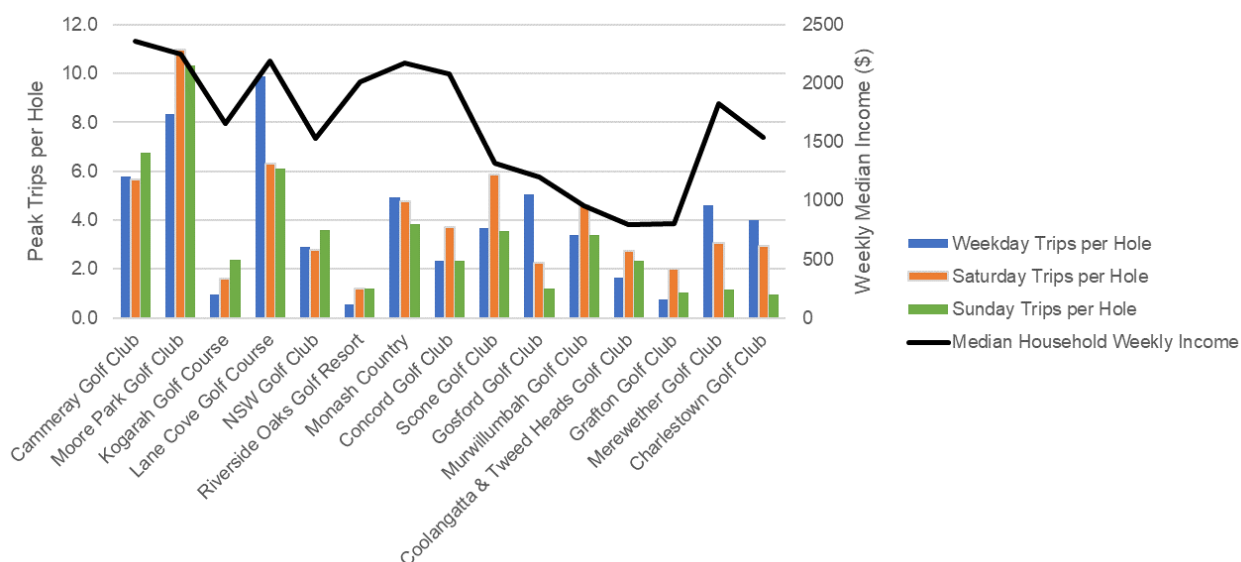
- The demand exceeds the supply rate at Moore Park, Lane Cove, NSW Golf Club, Monash Country Club, and Concord Golf Club.
- The parking demand at Moore Park on Saturdays exceeds the supply significantly. This golf club has proportionally a large number of visitors for an 18-hole club.
- Riverside Oaks has a lower parking demand and supply, as it is a 36-hole golf course and is located within a resort.
- As is expected, weekend demand is generally higher than weekday demand.

4.6 Additional Survey Data

The additional survey data includes local demographic data as well as data collected in the customer surveys. All sites except Sites 9, 10, 12 and 15 include the customer survey responses.

4.6.1 Survey Site Local Demographics

It was noted that for a few sites, weekday peak trips per hole exceeded weekend peak trips per hole. When the weekday PM peak and weekend peak vehicle trips per hole were compared against the median household income in the suburb in which the golf club was located, there was a slight correlation between higher income and higher trip generation on weekdays as shown in Figure 4.24.



Median household income statistics sourced from Census Data (2016)

Figure 4.24: Weekday and Weekend Trip Generation per Hole vs. Median Household Income

The weekday trips are higher than weekend trips at Lane Cove, Monash Country Club, Merewether and Charlestown Golf Club. All of these are located in suburbs with higher weekly median incomes.

4.6.2 Customer Survey Responses

The number of responses to customer surveys for each of the sites are tabulated in Table 4.5 below.

Table 4.5: Number of Manual Customer Survey Responses

Site Number	Customer Responses		
	Wednesday	Saturday	Sunday
1	17	16	20
2	42	66	73
3	29	31	37
4	3	8	11
5	20	20	52
6	12	17	21
7	2	3	2
8	64	61	62
9	N/A		
10	N/A		
11	38	49	40
13	16	40	27
14	16	16	N/A ¹
15	N/A		

¹ Survey not conducted as surveyor was ill.

Further detailed analysis of customer survey responses is provided in the following sections.

4.6.3 Mode Splits

Daily mode splits based on the customer surveys and manual surveys for each of the sites for Wednesday, Saturday and Sunday are shown in Figure 4.25, Figure 4.26 and Figure 4.27 respectively.

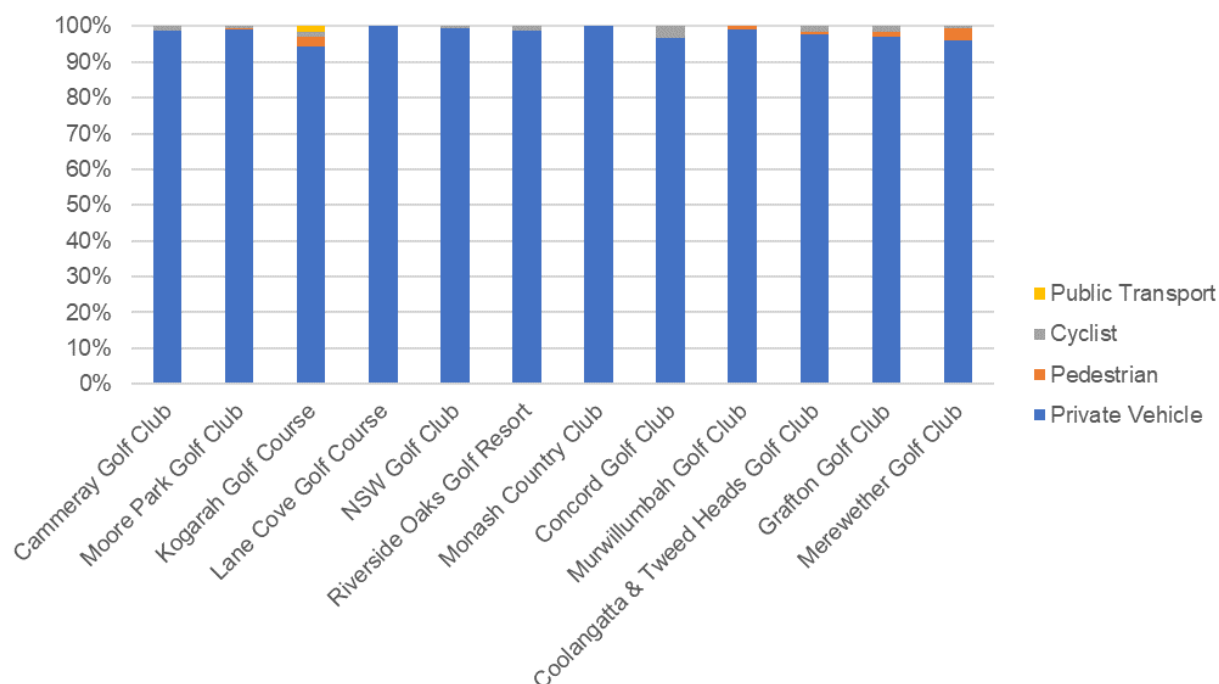


Figure 4.25: Wednesday Mode Split Comparison by Site

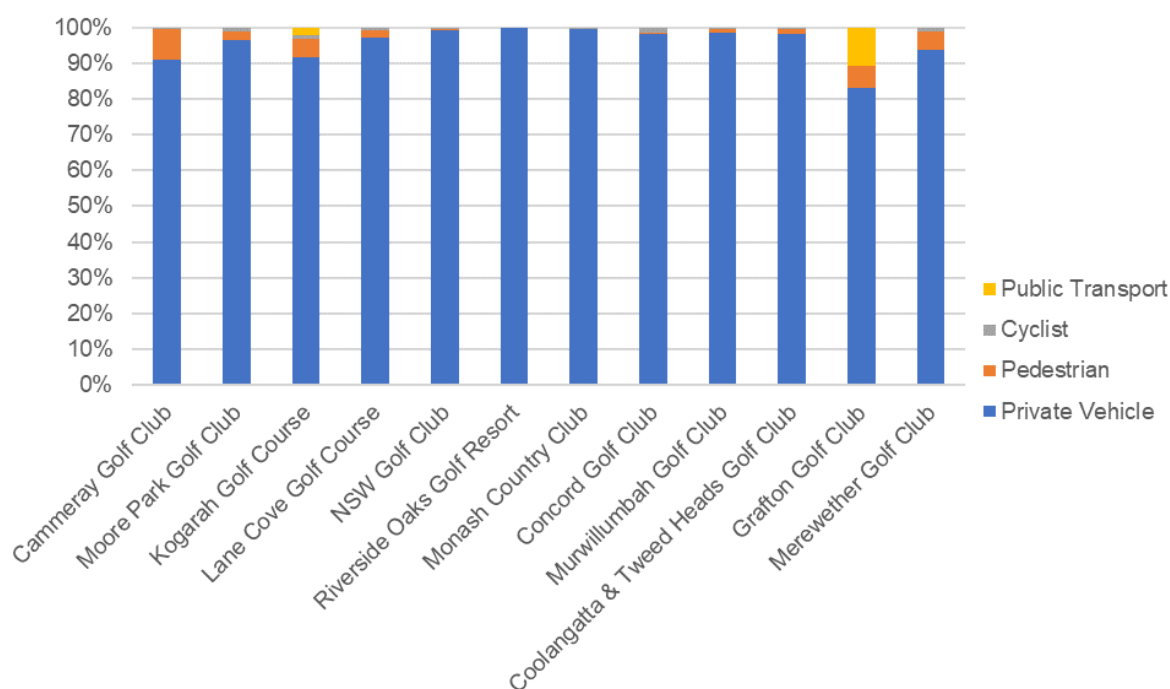


Figure 4.26: Saturday Mode Split Comparison by Site

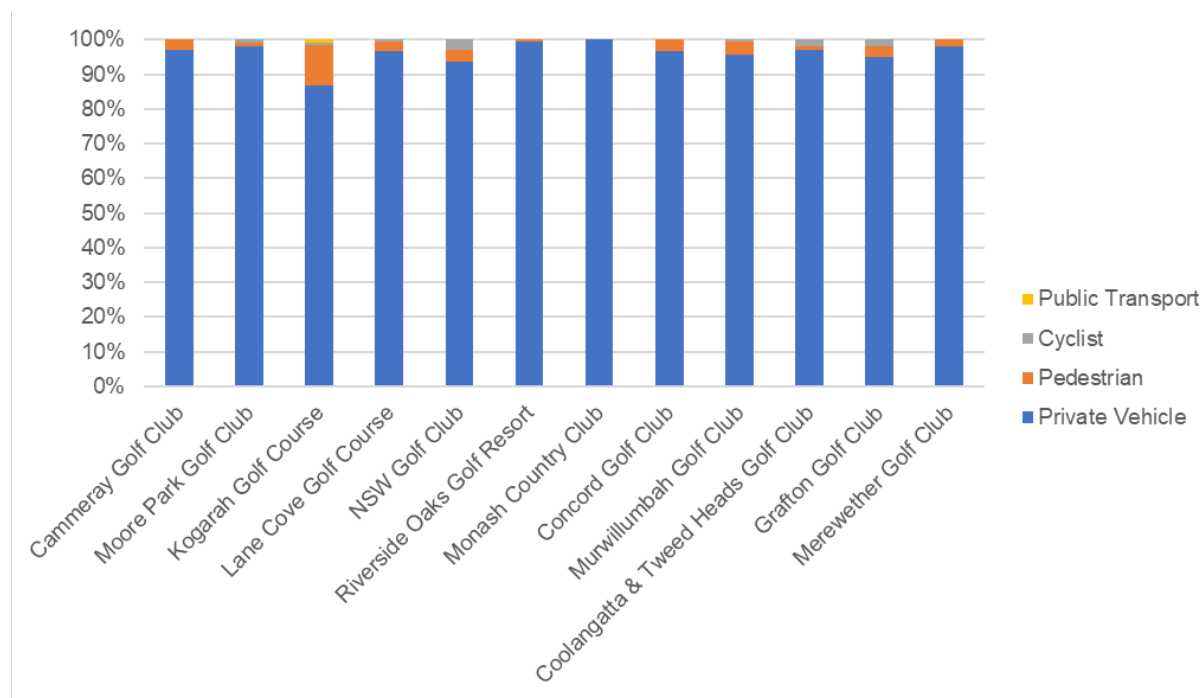


Figure 4.27: Sunday Average Vehicle Trips per Hour

Initial examination of the above data shows that:

- Private vehicles make up the majority of the mode share of trips to the golf courses. This is especially clear on Wednesdays.
- Grafton Golf Club had a higher proportion of public transport trips (10.9%) on Saturday, as there was a competition on the survey date and a charter bus had been arranged to transport competitors to the site.

- Excluding Grafton Golf Club for the reasons above, Moore Park Golf Club had the highest rate of visitors arriving by public transport at 2.9% of all trips on Sundays. This is likely due to the site's proximity to both a light rail station and several bus stops.
- There is an increase in pedestrian trips on weekends. It was noted that the golf courses with increased pedestrian trips on weekends also had a bistro, bar, restaurant or function centres. It is likely that the increased pedestrian mode share is related to anticipated alcohol consumption at the restaurant / bar / function centre.

4.6.4 Origin of Trips

The suburb or postcode from which the survey respondents came from was classified for each site as either one of the following:

- Local visitors (visitors from within the same suburb or postcode),
- Regional visitors (visitors from within the same state but not the same suburb or postcode as the site)
- Interstate (visitors from another state in Australia).

The findings are summarised in Figure 4.28, Figure 4.29 and Figure 4.30 below.

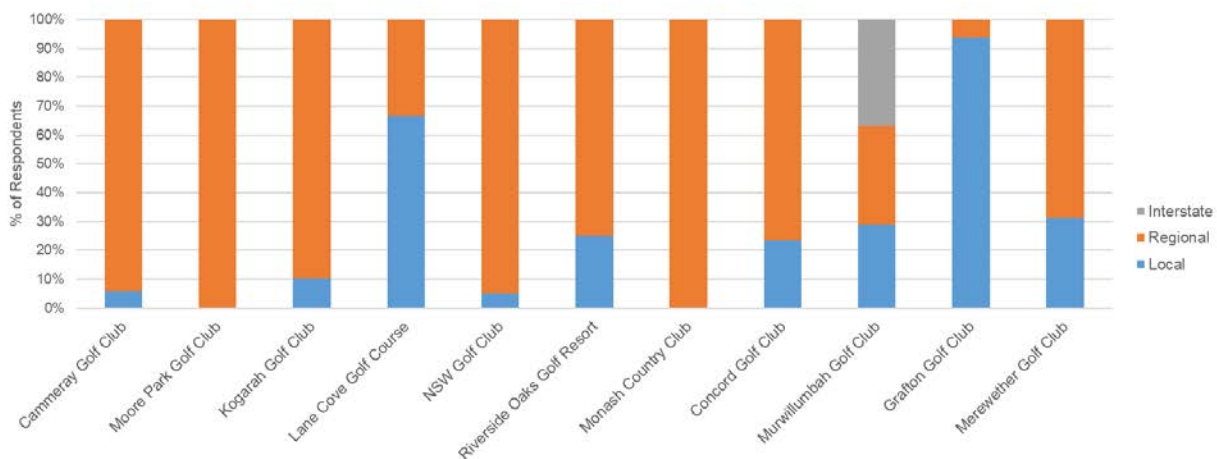


Figure 4.28: Origin of Trips – Wednesday

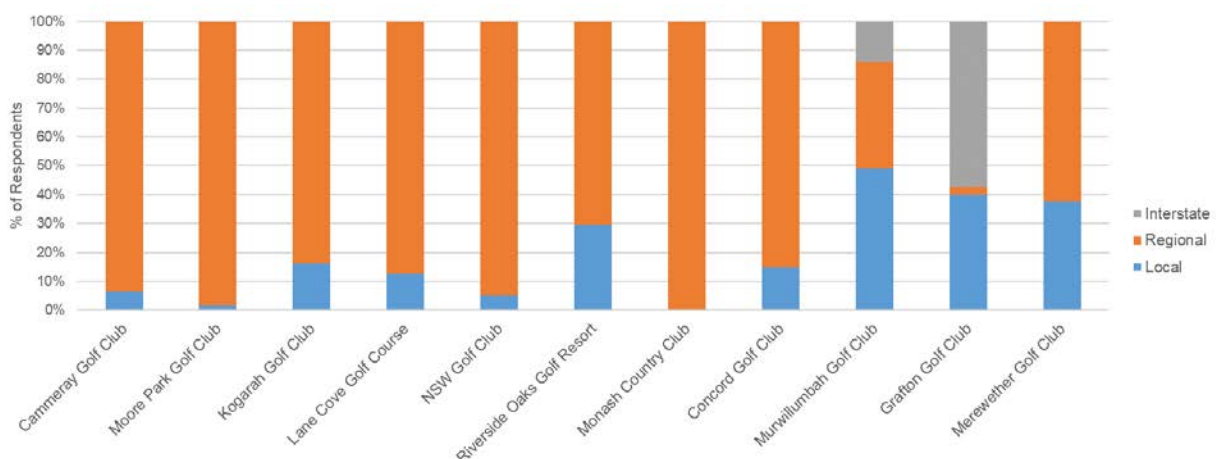


Figure 4.29: Origin of Trips – Saturday

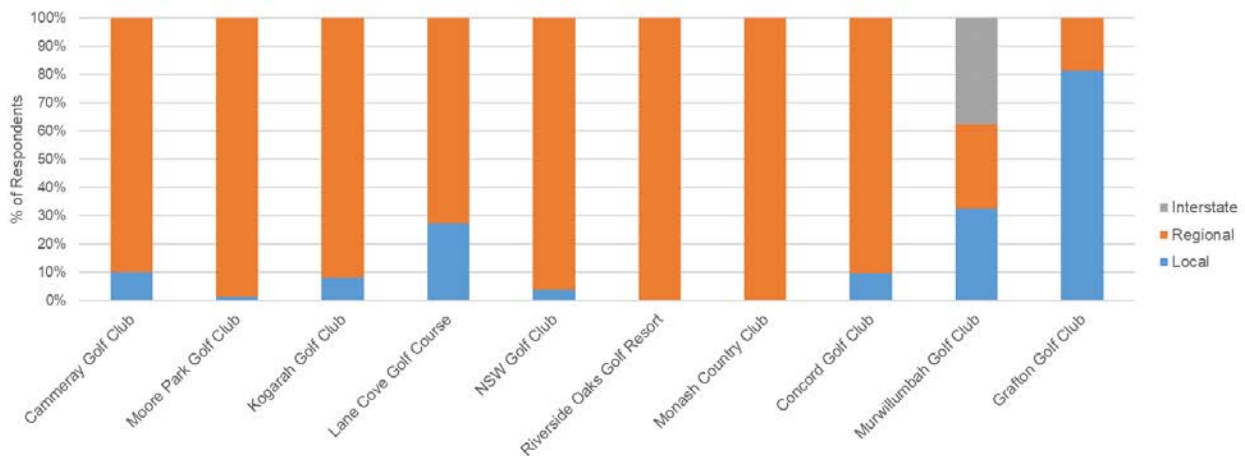


Figure 4.30: Origin of Trips – Sunday

As shown above, the majority of the respondents were either local or regional. There was a higher proportion of local trips at both Lane Cove Golf Course and Grafton Golf Club. Murwillumbah had the highest proportion of interstate visitors due to the site's proximity to the Queensland / New South Wales border.

5. CONCLUSIONS

The 15 golf course sites that were surveyed across Sydney (7) and regional areas (8) including Newcastle captured the potential differences that might arise in trip generation. Manual surveys were undertaken at all sites except Site 12 and included survey questionnaires to determine typical customer travel behaviours. Data from all 15 sites has been analysed in this iteration of the data report; however, only automatic traffic counts (i.e no manual counts or in-person questionnaires) could be retrieved from 3 sites due to Covid-19 restrictions.

For each site, peak hours, site peak trips, peak period trips per number of holes, peak period trips per 10,000m² site area, and daily vehicle trips per parking space were tabulated.

The preliminary data analysis included comparison of the average daily traffic profiles on Wednesdays, Saturdays and Sundays. This indicated the following:

- Wednesdays and Saturdays had more distinct peak traffic periods during the day, whereas traffic on Sundays is more evenly spread throughout the day.
- Weekend peak periods are generally around the middle of the day, when the morning golfers are leaving and early afternoon golfers arrive. This peak is about an hour later on Sundays than on Saturdays.
- These development peaks broadly align with the network peaks (AM and PM peak on weekdays, midday peak on weekends); however, some peaks do not overlap (i.e. weekday midday peak and weekend AM / PM peak).

Additionally, to understand the contributing factors that influence traffic generation across each site, peak period comparisons were undertaken. These include vehicle peak trip rates per hole and peak trips per 10,000m² of site area. This identified the following:

- Trip generation rates appear inconsistent across all sites with no clear trends
- During the weekends, sites generally show higher vehicle trip generation on average than the weekday peak periods
- Moore Park Golf Club has significantly higher trip generation rates compared to the other sites. This is suspected to be related to the high population living within a 5km radius of the site. The site also has longer operating hours than most other Golf Courses as well as offering an elaborate driving range that likely acts as a key attractor
- Riverside Oaks Golf Resort has significantly lower trip generation than the other sites. As this site is located within a resort, it is likely that the majority of golfers are already staying on-site, resulting in lower peak / daily trip generation rates overall.
- A correlation was identified between higher trip rates during the week and higher median household income in the surrounding suburb.

An analysis of the parking survey data showed that:

- Parking occupancy on Saturdays on average exceeds capacity.
- Parking occupancy during the week on average is less than the capacity.
- The peak demand for parking on average occurs around 12pm.

Based on the customer surveys undertaken, the following were identified:

- Mode split heavily favours (>90%) private vehicles as the primary transport mode
- Slightly higher proportions of visitors to the golf course walk or take public transport on the weekends

- Moore Park Golf Club had the highest proportion of visitors taking public transport. This is likely to be due to the site's proximity to both a light rail station, several bus stops, and its evening driving range attraction bringing in patrons who may consume alcohol.
- Most trips to the golf courses originate in nearby suburbs. Murwillumbah Golf Club records a higher than average proportion of interstate visitors due to the site's proximity to the Queensland / New South Wales border.

Based on the data presented in the report, there are many contributing factors that influence trip generation and as such, no definite trend was established during the preliminary analysis stage.

Appendix A: Traffic Data Summaries

Site 01 - Results Summary Sheet

Park Avenue, Cremorne

Notes: Summary of survey results and preliminary analysis for site, as per TINSW template.



Survey for:	Transport for NSW	Office Ref Only:	
Survey Period Date and Time	Saturday	15th May 2021	6:00:00 AM
	Extended Data Collection?	NO	Includes Manual Survey?
			YES
A. Site Data	Activity Name	Cammeray Golf Club	
	Land Use Description	Golf Club	
	Local Authority (Council)	North Sydney Council	
	Street Address and Suburb	Park Avenue, Cremorne	
	Survey Site General Location	Suburbs	
	Nearest Major Road	Military Road	
	Site Area (m ²)	125,000	
	Pedestrian Activity	Medium	
	Public Transport Opportunities	Low	
	Approximate Café Seating Capacity		
	No. of Holes	9	
	Opening Hours	7am - 7pm	
	Driving Range Hours	N/A	
B. Parking	Parking Spaces Provided On-Site	45	
	Other Parking Spaces (On-Street/Off-Site)		
	Staff Parking On-Site	6	
	Other Staff Parking (On-Street/Off-Site)		
	Peak Parking Demand		Max occupied spaces
	Peak Parking Demand During Survey		44
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time
			9:45 AM
		In (vph)	23
		Out (vph)	17
		PM Peak Period	Time
			2:30 PM
		In (vph)	16
		Out (vph)	35
		Daily	Time
			6:00 AM
		Total In + Out (Vpd)	344
	Peak Vehicle Trip Rate per:	No. of Holes	Car Parking Space
		4.44	0.89
		PM Peak Period	1.13
		Daily	3.62
	Daily Persons Trips (IN)	Car Based	219
		Other	22
	Average number of Persons per hour	27	
	Person Trips at Vehicle Peak Hour	Daily Peak	34
	Persons Trips at Peak Hours	AM Vehicle Peak	9:45:00 AM
		34	Person Trips
		PM Vehicle Peak	2:30:00 PM
		28	Person Trips
		Pedestrian Peak	9:45:00 AM
		34	
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space
		Daily Peak Period	3.78
		Daily	26.78
			0.76
			5.36
			0.03
			0.19
D. Other	Site Characteristics / Notes	Daily Mode Split	
	Mode splits estimated using completed customer questionnaires	Modal Split	Number
			%
		Total Private Vehicles	163
		Car (as driver)	163
		Car (as passenger)	56
			23.2%
		Total All Trans (PT and Active)	22
		On Foot	21
		Cycle	1
		Public Transport	0
			0.0%
Survey Undertaken By (company):	TDC	Survey Contact	Fred Stone
Survey Undertaken By (surveyor):	Fred Stone	fred@trafficdc.com.au	

Site 01 - Results Summary Sheet

Park Avenue, Cremorne

Notes: Summary of survey results and preliminary analysis for site, as per TINSW template.



Survey for:		Transport for NSW			Office Ref Only:	
Survey Period Date and Time		Sunday	16th May 2021	6:00:00 AM	19:00:00 PM	
Extended Data Collection?		NO	Includes Manual Survey?		YES	
A. Site Data	Activity Name	Cammeray Golf Club				
	Land Use Description	Golf Club				
	Local Authority (Council)	North Sydney Council				
	Street Address and Suburb	Park Avenue, Cremorne				
	Survey Site General Location	Suburbs				
	Nearest Major Road	Military Road				
	Site Area (m ²)	125,000				
	Pedestrian Activity	Medium				
	Public Transport Opportunities	Low				
	Approximate Café Seating Capacity					
	No. of Holes	9				
Opening Hours	7am - 7pm					
Driving Range Hours	0					
B. Parking	Parking Spaces Provided On-Site	45				
	Other Parking Spaces (On-Street/Off-Site)					
	Staff Parking On-Site	0				
	Other Staff Parking (On-Street/Off-Site)					
	Peak Parking Demand	33		Max occupied spaces	33	
	Peak Parking Demand During Survey					
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	8:30 AM	9:30 AM	
			In (vph)	27	Total	
			Out (vph)	21	48	
		PM Peak Period	Time	2:45 PM	3:45 PM	
			In (vph)	21	Total	
			Out (vph)	40	61	
		Daily	Time	6:00 AM	7:00 PM	
			Total In + Out (Vpd)	327		
		Peak Vehicle Trip Rate per:	No. of Holes	Car Parking Space	100m ² Site Area	
			AM Peak Period	5.33	1.07	0.04
		PM Peak Period	6.78	1.36	0.05	
		Daily	16.22	3.24	0.12	
	Daily Persons Trips (IN)	Car Based	216	Total	216	
		Other	0			
		Average number of Persons per hour	24			
		Person Trips at Vehicle Peak Hour	Daily Peak			
		Persons Trips at Peak Hours	AM Vehicle Peak	8:30:00 AM	9:30:00 AM	
			37	Person Trips		
	PM Vehicle Peak	2:45:00 PM	3:45:00 PM			
		45	Person Trips			
	Pedestrian Peak	8:30:00 AM	9:30:00 AM			
		45				
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space	100m ² Site Area		
	Daily Peak Period	4.11	0.82	0.03		
	Daily	24.78	0.00	0.18		
D. Other	Site Characteristics / Notes Mode splits estimated using completed customer questionnaires	Daily Mode Split				
		Modal Split		Number	%	
		Total Private Vehicles		146	96.9%	
		Car (as driver)		146	65.5%	
		Car (as passenger)		70	31.4%	
		Total Alt Trans (PT and Active)		7	3.1%	
		On Foot		7	3.1%	
		Cycle		0	0.0%	
		Public Transport		0	0.0%	
		Survey Undertaken By (company):	TDC	Survey Contact	Fred Stone	
	Survey Undertaken By (surveyor):	Fred Stone	fred@trafficdc.com.au			

Site 01 - Results Summary Sheet

Address Park Avenue, Cremorne

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW		Office Ref Only:		
Survey Period Date and Time	Wednesday	19th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Camberay Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	North Sydney Council			
	Street Address and Suburb	Address			
	Survey Site General Location	Suburbs			
	Nearest Major Road	Military Road			
	Site Area (m ²)	125,000			
	Pedestrian Activity	Medium			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	9			
	Opening Hours	7am - 7pm			
	Driving Range Hours	0			
B. Parking	Parking Spaces Provided On-Site	45			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand	39	Max occupied spaces	39	
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	9:45 AM	10:45 AM
			In (vph)	19	Total
			Out (vph)	12	31
		PM Peak Period	Time	4:30 PM	5:30 PM
			In (vph)	18	Total
			Out (vph)	34	52
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	298	
	Peak Vehicle Trip Rate per:	No. of Holes	Car Parking Space	100m ² Site Area	
		AM Peak Period	3.44	0.69	0.02
		PM Peak Period	5.78	1.16	0.04
		Daily	16.11	3.22	0.12
	Daily Persons Trips (IN)	Car Based	168	Total	168
		Other	0		
	Average number of Persons per hour	19			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		28			
	Persons Trips at Peak Hours	AM Vehicle Peak	9:45:00 AM	10:45:00 AM	
		24	Person Trips		
		PM Vehicle Peak	4:30:00 PM	5:30:00 PM	
		28	Person Trips		
		Pedestrian Peak	9:45:00 AM	10:45:00 AM	
		28			
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space	100m ² Site Area	
		Daily Peak Period	2.67	0.53	0.02
		Daily	18.89	0.00	0.14
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	145	98.8%	
		Car (as driver)	145	85.3%	
		Car (as passenger)	23	13.5%	
		Total Alt Trans (PT and Active)	2	1.2%	
		On Foot	0	0.0%	
		Cycle	2	1.2%	
		Public Transport	0	0.0%	
Survey undertaken by		TDC	Survey Contact	Fred Stone	
Survey undertaken by (signature)		Fred Stone	fred@trafficdc.com.au		

Site 02 - Results Summary Sheet

Address Cleveland Street, Moore Park

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW			Office Ref Only:
Survey Period Date and Time	Wednesday	19th May 2021	6:00:00 AM	19:00:00 PM
	Extended Data Collection?	NO	Includes Manual Survey?	

A. Site Data	Activity Name	Moore Park Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Sydney Council			
	Street Address and Suburb	Notes:			
	Survey Site General Location				
	Nearest Major Road				
	Site Area (m ²)	320,000			
	Pedestrian Activity				
	Public Transport Opportunities				
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	6am - 11pm			
	Driving Range Hours	0			

B. Parking	Parking Spaces Provided On-Site	174			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand	119		Max occupied spaces	119
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	7:30 AM	8:30 AM
			In (vph)	44	Total
			Out (vph)	40	84
		PM Peak Period	Time	12:00 PM	1:00 PM
			In (vph)	48	Total
			Out (vph)	102	150
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	704	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	0.03	1.24	0.48
		PM Peak Period	0.05	2.22	0.86
		Daily	0.20	9.48	3.68
	Daily Persons Trips (IN)	Car Based	0	Total	0
		Other	0		
	Average number of Persons per hour	0			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		0			
	Persons Trips at Peak Hours	AM Vehicle Peak	7:30:00 AM	8:30:00 AM	
		0	Person Trips		
		PM Vehicle Peak	12:00:00 PM	1:00:00 PM	
		0	Person Trips		
		Pedestrian Peak	7:30:00 AM	8:30:00 AM	
		0			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	0.02	0.98	0.38
		Daily	0.22	10.43	0.00

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	640	90.9%	
		Car (as driver)	58	8.2%	
		Car (as passenger)	0	0.0%	
		Total Alt Trans (PT and Active)	3	0.4%	
		On Foot	3	0.4%	
		Cycle	0	0.0%	
		Public Transport	0	0.0%	
Survey Undertaken By		TDC	Survey Contact	Fred Stone	
Survey Undertaken By		Fred Stone	fred@trafficdc.com.au		

Site 02 - Results Summary Sheet

Address Cleveland Street, Moore Park

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Sunday	16th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Moore Park Golf Club			
	Land Use Description	Golf Course			
	Local Authority (Council)	Sydney Council			
	Street Address and Suburb	Cleveland Street, Moore Park			
	Survey Site General Location	Suburbs			
	Nearest Major Road				
	Site Area (m ²)	320,000			
	Pedestrian Activity	Medium			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	6am - 11pm			
	Driving Range Hours	6am - 11pm			
B. Parking	Parking Spaces Provided On-Site	174			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand	200		Max occupied spaces	200
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	11:45 AM	12:45 PM
			In (vph)	100	Total
			Out (vph)	68	168
		PM Peak Period	Time	12:15 PM	1:15 PM
			In (vph)	116	Total
			Out (vph)	70	186
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	1646	
	Peak Vehicle Trip Rate per:	No. of Holes	Car Parking Space	100m ² Site Area	
		AM Peak Period	9.33	0.97	0.05
		PM Peak Period	10.33	1.07	0.06
		Daily	56.50	5.84	0.32
	Daily Persons Trips (IN)	Car Based	1496	Total	1496
		Other	0		
	Average number of Persons per hour	166			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		216			
	Persons Trips at Peak Hours	AM Vehicle Peak	11:45:00 AM	12:45:00 PM	
		216	Person Trips		
		PM Vehicle Peak	12:15:00 PM	1:15:00 PM	
		183	Person Trips		
		Pedestrian Peak	11:45:00 AM	12:45:00 PM	
		216			
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space	100m ² Site Area	
		Daily Peak Period	12.00	1.24	0.07
		Daily	83.94	0.00	0.47
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	1017	98.1%	
		Car (as driver)	1017	67.3%	
		Car (as passenger)	466	30.8%	
		Total Alt Trans (PT and Active)	71	4.7%	
		On Foot	15	1.0%	
		Cycle	13	0.9%	
		Public Transport	43	2.9%	
Survey undertaken By		TDC	Survey Contact	Fred Stone	
Survey undertaken By		Fred Stone	fred@trafficdc.com.au		

Site 02 - Results Summary Sheet

Address Cleveland Street, Moore Park

Notes: nd preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Saturday	15th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	<i>Activity Name</i>	Moore Park Golf Club			
	<i>Land Use Description</i>	Golf Club			
	<i>Local Authority (Council)</i>	Sydney Council			
	<i>Street Address and Suburb</i>	Cleveland Street, Moore Park			
	<i>Survey Site General Location</i>				
	<i>Nearest Major Road</i>	Anzac Parade			
	<i>Site Area (m²)</i>	320,000			
	<i>Pedestrian Activity</i>	Medium			
	<i>Public Transport Opportunities</i>	Low			
	<i>Approximate Café Seating Capacity</i>				
	<i>No. of Holes</i>	18			
	<i>Opening Hours</i>	6am - 5pm			
	<i>Driving Range Hours</i>	6am - 11pm			
B. Parking	<i>Parking Spaces Provided On-Site</i>	174			
	<i>Other Parking Spaces (On-Street/Off-Site)</i>				
	<i>Staff Parking On-Site</i>	0			
	<i>Other Staff Parking (On-Street/Off-Site)</i>				
	<i>Peak Parking Demand</i>			Max occupied spaces	312
	<i>Peak Parking Demand During Survey</i>				
C. Trip Generation	<i>Site Surveyed Arrival / Departure Flow</i>	<i>AM Peak Period</i>	<i>Time</i>	11:45 AM	12:45 PM
			<i>In (vph)</i>	126	Total
			<i>Out (vph)</i>	64	190
		<i>PM Peak Period</i>	<i>Time</i>	12:00 PM	1:00 PM
			<i>In (vph)</i>	134	Total
			<i>Out (vph)</i>	64	198
		<i>Daily</i>	<i>Time</i>	6:00 AM	7:00 PM
			<i>Total In + Out (Vpd)</i>	1722	
	<i>Peak Vehicle Trip Rate per:</i>	<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>	
		AM Peak Period	10.56	1.09	0.06
		PM Peak Period	11.00	1.14	0.06
		Daily	66.22	6.85	0.37
	<i>Daily Persons Trips (IN)</i>	<i>Car Based</i>	1779	<i>Total</i>	1779
		<i>Other</i>	0		
	<i>Average number of Persons per hour</i>	198			
	<i>Person Trips at Vehicle Peak Hour</i>	<i>Daily Peak</i>			
		267			
	<i>Persons Trips at Peak Hours</i>	<i>AM Vehicle Peak</i>	11:45:00 AM	12:45:00 PM	
		267	<i>Person Trips</i>		
		<i>PM Vehicle Peak</i>	12:00:00 PM	1:00:00 PM	
		192	<i>Person Trips</i>		
		<i>Pedestrian Peak</i>	11:45:00 AM	12:45:00 PM	
		267			
	<i>Peak / Daily Person Trip Rates per:</i>	<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>	
		Daily Peak Period	14.83	1.53	0.08
		Daily	101.17	10.47	0.57
D. Other	<i>Site Characteristics / Notes</i>	<i>Daily Mode Split</i>			
	Mode splits estimated using completed	<i>Modal Split</i>	<i>Number</i>	<i>%</i>	
		Total Private Vehicles	1192	96.5%	
		Car (as driver)	1192	65.5%	
		Car (as passenger)	566	31.1%	
		Total Alt Trans (PT and Active)	42	2.3%	
		On Foot	42	2.3%	
		Cycle	21	1.2%	
		Public Transport	0	0.0%	
<i>Survey undertaken by</i>		TDC	<i>Survey Contact</i>	Fred Stone	
<i>Survey undertaken by</i>		Fred Stone	fred@trafficdc.com.au		

Site 03 - Results Summary Sheet

Address 19 Marsh Street, Arncliffe

Notes: Summary of survey results and preliminary analysis for site, as per TINSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Sunday	15th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Kogarah Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Bayside Council			
	Street Address and Suburb	19 Marsh Street, Arncliffe			
	Survey Site General Location				
	Nearest Major Road				
	Site Area (m ²)	270,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	8:30am - 6pm			
	Driving Range Hours	N/A			
B. Parking	Parking Spaces Provided On-Site	129			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site				
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	120
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	6:30 AM	7:30 AM
			In (vph)	47	Total
			Out (vph)	42	89
		PM Peak Period	Time	12:15 PM	1:15 PM
			In (vph)	13	Total
			Out (vph)	16	29
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	386	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	4.94	0.69	0.03
		PM Peak Period	1.61	0.22	0.01
		Daily	9.89	1.38	0.07
	Daily Persons Trips (IN)	Car Based	208	Total	208
		Other	0		
	Average number of Persons per hour	32			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		48			
	Persons Trips at Peak Hours	AM Vehicle Peak	6:30:00 AM	7:30:00 AM	
		48	Person Trips		
		PM Vehicle Peak	12:15:00 PM	1:15:00 PM	
		26	Person Trips		
		Pedestrian Peak	6:30:00 AM	7:30:00 AM	
		48			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	2.67	0.37	0.02
		Daily	12.61	1.76	0.08
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	178	91.6%	
		Car (as driver)	178	78.4%	
		Car (as passenger)	30	13.2%	
		Total Alt Trans (PT and Active)	19	8.4%	
		On Foot	12	5.3%	
		Cycle	2	0.9%	
		Public Transport	5	2.2%	
Survey Undertaken By		TDC	Survey Contact	Fred Stone	
Survey Undertaken By		Fred Stone	fred@trafficdc.com.au		

Site 03 - Results Summary Sheet

Address 19 Marsh Street, Arncliffe

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Sunday	16th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey	YES	
A. Site Data	Activity Name	Kogarah Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Bayside Council			
	Street Address and Suburb	19 Marsh Street, Arncliffe			
	Survey Site General Location				
	Nearest Major Road	Marsh Street			
	Site Area (m ²)	270,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	8:30am - 6pm			
	Driving Range Hours	N/A			
B. Parking	Parking Spaces Provided On-Site	129			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site				
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	113
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	8:45 AM	9:45 AM
			In (vph)	22	Total
			Out (vph)	38	60
		PM Peak Period	Time	12:00 PM	1:00 PM
			In (vph)	19	Total
			Out (vph)	24	43
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	328	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	3.33	0.47	0.02
		PM Peak Period	2.39	0.33	0.02
		Daily	7.61	1.06	0.05
	Daily Persons Trips (IN)	Car Based	164	Total	164
		Other	0		
	Average number of Persons per hour	25			
	Person Trips at Vehicle Peak Hour	Daily Peak	39		
	Persons Trips at Peak Hours	AM Vehicle Peak	8:45:00 AM	9:45:00 AM	
		39	Person Trips		
		PM Vehicle Peak	12:00:00 PM	1:00:00 PM	
		35	Person Trips		
		Pedestrian Peak	8:45:00 AM	9:45:00 AM	
		39			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	2.17	0.30	0.01
		Daily	10.44	0.00	0.07
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	137	86.7%	
		Car (as driver)	137	72.9%	
		Car (as passenger)	26	13.8%	
		Total Alt Trans (PT and Active)	25	13.3%	
		On Foot	22	11.7%	
		Cycle	1	0.5%	
		Public Transport	2	1.1%	
Survey Undertaken By (surveyor):		TDC	Survey Contact	Fred Stone	
		Fred Stone	fred@trafficdc.com.au		

Site 03 - Results Summary Sheet

Address 19 Marsh Street, Arncliffe

Notes: Summary of survey results and preliminary analysis for site, as per TINSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Wednesday	19th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?		

A. Site Data	Activity Name	Kogarah Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Bayside Council			
	Street Address and Suburb	19 Marsh Street, Arncliffe			
	Survey Site General Location				
	Nearest Major Road				
	Site Area (m ²)	270,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	8:30am - 6pm			
	Driving Range Hours	N/A			

B. Parking	Parking Spaces Provided On-Site	129			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site				
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	108
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	8:15 AM	9:15 AM
			In (vph)	22	Total
			Out (vph)	31	53
		PM Peak Period	Time	12:00 PM	1:00 PM
			In (vph)	6	Total
			Out (vph)	11	17
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	301	
	Peak Vehicle Trip Rate per:	No. of Holes	Car Parking Space	100m ² Site Area	
		AM Peak Period	2.94	0.41	0.02
		PM Peak Period	0.94	0.13	0.01
		Daily	6.83	0.95	0.05
	Daily Persons Trips (IN)	Car Based	165	Total	165
		Other	0		
	Average number of Persons per hour	25			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		36			
	Persons Trips at Peak Hours	AM Vehicle Peak	8:15:00 AM	9:15:00 AM	
		36	Person Trips		
		PM Vehicle Peak	12:00:00 PM	1:00:00 PM	
		9	Person Trips		
		Pedestrian Peak	8:15:00 AM	9:15:00 AM	
		36			
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space	100m ² Site Area	
		Daily Peak Period	2.00	0.28	0.01
		Daily	9.72	0.00	0.06

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	123	94.3%	
		Car (as driver)	123	70.3%	
		Car (as passenger)	42	24.0%	
		Total Alt Trans (PT and Active)	10	5.7%	
		On Foot	5	2.9%	
		Cycle	2	1.1%	
		Public Transport	3	1.7%	
Survey Undertaken		TDC	Survey Contact	Fred Stone	
Survey Undertaken		Fred Stone	fred@trafficdc.com.au		

Site 04 - Results Summary Sheet

Address 180 River Road, Lane Cove

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Saturday	15-May-21	6:00:00 AM	7:00:00 PM	
	Extended Data Collection?	NO		Includes Manual Survey?	YES
A. Site Data	Activity Name	Lane Cove Golf Course			
	Land Use Description	Golf Club			
	Local Authority (Council)	Lane Cove			
	Street Address and Suburb	0			
	Survey Site General Location				
	Nearest Major Road	River Road			
	Site Area (m ²)	130,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Medium			
	Approximate Café Seating Capacity				
	No. of Holes	9			
	Opening Hours	6am-7pm			
	Driving Range Hours	N/A			
B. Parking	Parking Spaces Provided On-Site	85			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	10			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	75
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	7:45 AM	8:45 AM
			In (vph)	44	Total
			Out (vph)	19	63
		PM Peak Period	Time	2:00 PM	3:00 PM
			In (vph)	25	Total
			Out (vph)	32	57
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	490	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	7.00	0.74	0.05
		PM Peak Period	6.33	0.67	0.04
		Daily	25.00	2.65	0.17
	Daily Persons Trips (IN)	Car Based	284	Total	284
		Other	0		
	Average number of Persons per hour	32			
	Person Trips at Vehicle Peak Hour	Daily Peak	55		
	Persons Trips at Peak Hours	AM Vehicle Peak	7:45:00 AM	8:45:00 AM	
		55	Person Trips		
		PM Vehicle Peak	2:00:00 PM	3:00:00 PM	
		38	Person Trips		
		Pedestrian Peak	7:45:00 AM	8:45:00 AM	
		55			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	6.11	0.65	0.04
		Daily	32.44	3.44	0.22
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	225	97.3%	
		Car (as driver)	225	77.1%	
		Car (as passenger)	59	20.2%	
		Total Alt Trans (PT and Active)	8	2.7%	
		On Foot	6	2.1%	
		Cycle	2	0.7%	
		Public Transport	0	0.0%	
Survey undertaken by		TDC	Survey Contact	Fred Stone	
Survey undertaken by		Fred Stone	fred@traffidc.com.au		

Site 04 - Results Summary Sheet

Address 180 River Road, Lane Cove

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period	Sunday	16-May-21	6:00:00 AM	19:00:00 PM	
Date and Time	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Lane Cove Golf Course			
	Land Use Description	Golf Club			
	Local Authority (Council)	Lane Cove			
	Street Address and Suburb	180 River Road, Lane Cove			
	Survey Site General Location				
	Nearest Major Road	River Road			
	Site Area (m²)	130,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Medium			
	Approximate Café Seating Capacity				
	No. of Holes	9			
	Opening Hours	6am-7pm			
	Driving Range Hours	N/A			
B. Parking	Parking Spaces Provided On-Site	85			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	10			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	85
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	8:15 AM	9:15 AM
			In (vph)	44	Total
			Out (vph)	19	63
		PM Peak Period	Time	1:45 PM	2:45 PM
			In (vph)	39	Total
			Out (vph)	16	55
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	393	
	Peak Vehicle Trip Rate per:	No. of Holes	Car Parking Space	100m² Site Area	
		AM Peak Period	7.00	0.74	0.05
		PM Peak Period	6.11	0.65	0.04
		Daily	25.89	2.74	0.18
	Daily Persons Trips (IN)	Car Based	324	Total	324
		Other	0		
	Average number of Persons per hour	36			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		65			
	Persons Trips at Peak Hours	AM Vehicle Peak	8:15:00 AM	9:15:00 AM	
		65	Person Trips		
		PM Vehicle Peak	1:45:00 PM	2:45:00 PM	
		51	Person Trips		
		Pedestrian Peak	8:15:00 AM	9:15:00 AM	
		65			
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space	100m² Site Area	
		Daily Peak Period	7.22	0.76	0.05
		Daily	37.22	3.94	0.26
D. Other	Site Characteristics / Notes	Daily Mode Split			
	mode splits estimated using completed customer questionnaire	Modal Split	Number	%	
		Total Private Vehicles	233	96.7%	
		Car (as driver)	233	69.6%	
		Car (as passenger)	91	27.2%	
		Total Alt Trans (PT and Active)	11	3.3%	
		On Foot	9	2.7%	
		Cycle	2	0.6%	
		Public Transport	0	0.0%	
Survey Undertaken By		TDC	Survey Contact	Fred Stone	
Survey Undertaken By		Fred Stone	fred@trafficdc.com.au		

Site 04 - Results Summary Sheet

Address 180 River Road, Lane Cove

Notes: Summary of survey results and preliminary analysis for site, as per TINSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time		19-May-21	6:00:00 AM	19:00:00 AM	
	Wednesday				
	Extended Data Collection?	NO	Includes Manual Survey?	YES	

A. Site Data	<i>Activity Name</i>	Lane Cove Golf Course			
	<i>Land Use Description</i>	Golf Club			
	<i>Local Authority (Council)</i>	Lane Cove			
	<i>Street Address and Suburb</i>	180 River Road, Lane Cove			
	<i>Survey Site General Location</i>				
	<i>Nearest Major Road</i>	River Road			
	<i>Site Area (m²)</i>	130,000			
	<i>Pedestrian Activity</i>	Low			
	<i>Public Transport Opportunities</i>	Medium			
	<i>Approximate Café Seating Capacity</i>				
	<i>No. of Holes</i>	9			
	<i>Opening Hours</i>	6am-10pm			
	<i>Driving Range Hours</i>	N/A			

B. Parking	<i>Parking Spaces Provided On-Site</i>	85			
	<i>Other Parking Spaces (On-Street/Off-Site)</i>				
	<i>Staff Parking On-Site</i>	6am-10pm			
	<i>Other Staff Parking (On-Street/Off-Site)</i>				
	<i>Peak Parking Demand</i>			Max occupied spaces	69
	<i>Peak Parking Demand During Survey</i>				

C. Trip Generation	<i>Site Surveyed Arrival / Departure Flow</i>	<i>AM Peak Period</i>	<i>Time</i>	7:30 AM	8:30 AM
			<i>In (vph)</i>	22	Total
			<i>Out (vph)</i>	48	70
		<i>PM Peak Period</i>	<i>Time</i>	12:00 PM	1:00 PM
			<i>In (vph)</i>	31	Total
			<i>Out (vph)</i>	89	120
		<i>Daily</i>	<i>Time</i>	Check referencing	12:00 AM
			<i>Total In + Out (Vpd)</i>	0	
	<i>Peak Vehicle Trip Rate per:</i>	<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>	
		AM Peak Period	0.04	0.89	0.56
		PM Peak Period	0.07	1.65	1.05
		Daily	0.18	4.26	2.71
	<i>Daily Persons Trips (IN)</i>	<i>Car Based</i>	0	Total	0
		<i>Other</i>	0		
	<i>Average number of Persons per hour</i>	0			
	<i>Person Trips at Vehicle Peak Hour</i>	<i>Daily Peak</i>			
		0			
	<i>Persons Trips at Peak Hours</i>	<i>AM Vehicle Peak</i>	7:30:00 AM	8:30:00 AM	
		0	<i>Person Trips</i>		
		<i>PM Vehicle Peak</i>	12:00:00 PM	1:00:00 PM	
		0	<i>Person Trips</i>		
		<i>Pedestrian Peak</i>	7:30:00 AM	8:30:00 AM	
		0			
	<i>Peak / Daily Person Trip Rates per:</i>	<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>	
		Daily Peak Period	0.02	0.56	0.35
		Daily	0.21	5.09	3.24

D. Other	<i>Site Characteristics / Notes</i>	<i>Daily Mode Split</i>			
	Mode splits estimated using completed	<i>Modal Split</i>	<i>Number</i>	<i>%</i>	
		Total Private Vehicles	230	83.6%	
		Car (as driver)	45	16.4%	
		Car (as passenger)	0	0.0%	
		Total Alt Trans (PT and Active)	0	0.0%	
		On Foot	0	0.0%	
		Cycle	0	0.0%	
		Public Transport	0	0.0%	
Survey Undertaken By	TDC	Survey Contact	Fred Stone		
Survey Undertaken By	Fred Stone	fred@trafficdc.com.au			

Site 05 - Results Summary Sheet

Address 101 Henry Head Lane, Kamay Botany Bay National Park, La Perouse

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Saturday	15th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	<i>Activity Name</i>	New South Wales Golf Club			
	<i>Land Use Description</i>	Golf Club			
	<i>Local Authority (Council)</i>	Randwick			
	<i>Street Address and Suburb</i>	101 Henry Head Lane, Kamay Botany Bay National Park, La Perouse			
	<i>Survey Site General Location</i>	Outer Suburban			
	<i>Nearest Major Road</i>	Anzac Parade			
	<i>Site Area (m²)</i>	440,000			
	<i>Pedestrian Activity</i>	Low			
	<i>Public Transport Opportunities</i>	Low			
	<i>Approximate Café Seating Capacity</i>				
	<i>No. of Holes</i>	18			
	<i>Opening Hours</i>	5:30 - 20:00			
	<i>Driving Range Hours</i>	7:00 - 18:00			

B. Parking	<i>Parking Spaces Provided On-Site</i>	80			
	<i>Other Parking Spaces (On-Street/Off-Site)</i>				
	<i>Staff Parking On-Site</i>	9 Directors - 4 Ladies committee			
	<i>Other Staff Parking (On-Street/Off-Site)</i>				
	<i>Peak Parking Demand</i>			Max occupied spaces	106
	<i>Peak Parking Demand During Survey</i>				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	<i>AM Peak Period</i>	<i>Time</i>	10:30 AM	11:30 AM
			<i>In (vph)</i>	56	Total
			<i>Out (vph)</i>	24	80
		<i>PM Peak Period</i>	<i>Time</i>	12:00 PM	1:00 PM
			<i>In (vph)</i>	22	Total
			<i>Out (vph)</i>	28	50
		<i>Daily</i>	<i>Time</i>	6:00 AM	7:00 PM
			<i>Total In + Out (Vpd)</i>	494	
	Peak Vehicle Trip Rate per:	<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>	
		AM Peak Period	4.44	1.00	0.02
		PM Peak Period	2.78	0.63	0.01
		Daily	12.72	2.86	0.05
	Daily Persons Trips (IN)	Car Based	261	Total	261
		Other	0		
	Average number of Persons per hour	33			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		61			
	Persons Trips at Peak Hours	AM Vehicle Peak	10:30:00 AM	11:30:00 AM	
		61	Person Trips		
		PM Vehicle Peak	12:00:00 PM	1:00:00 PM	
		27	Person Trips		
		Pedestrian Peak	10:30:00 AM	11:30:00 AM	
		61			
	Peak / Daily Person Trip Rates per:	<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>	
		Daily Peak Period	3.39	0.76	0.01
		Daily	14.61	3.29	0.06

D. Other	<i>Site Characteristics / Notes</i>	<i>Daily Mode Split</i>			
	Mode splits estimated using completed	<i>Modal Split</i>	<i>Number</i>	<i>%</i>	
		Total Private Vehicles	229	99.2%	
		Car (as driver)	229	87.1%	
		Car (as passenger)	32	12.2%	
		Total Alt Trans (PT and Active)	2	0.8%	
		On Foot	1	0.4%	
		Cycle	1	0.4%	
		Public Transport	0	0.0%	
Survey undertaken by		TDC	Survey Contact	Fred Stone	
Survey undertaken by		Fred Stone	fred@trafficdc.com.au		

Site 05 - Results Summary Sheet

Address 101 Henry Head Lane, Kamay Botany Bay National Park, La Perouse

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Sunday	16th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	New South Wales Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Randwick			
	Street Address and Suburb	101 Henry Head Lane, Kamay Botany Bay National Park, La Perouse			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road	Anzac Parade			
	Site Area (m ²)	440,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	5:30 - 20:00			
	Driving Range Hours	7:00 - 18:00			

B. Parking	Parking Spaces Provided On-Site	80			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	9 Directors - 4 Ladies committee			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	93
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	11:45 AM	12:45 PM
			In (vph)	29	Total
			Out (vph)	18	47
		PM Peak Period	Time	12:45 PM	1:45 PM
			In (vph)	44	Total
			Out (vph)	21	65
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	511	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	2.61	0.59	0.01
		PM Peak Period	3.61	0.81	0.01
		Daily	14.00	3.15	0.06
	Daily Persons Trips (IN)	Car Based	328	Total	328
		Other	0		
	Average number of Persons per hour		41		
	Person Trips at Vehicle Peak Hour	Daily Peak	63		
	Persons Trips at Peak Hours	AM Vehicle Peak	11:45:00 AM	12:45:00 PM	
		51	Person Trips		
		PM Vehicle Peak	12:45:00 PM	1:45:00 PM	
		63	Person Trips		
		Pedestrian Peak	11:45:00 AM	12:45:00 PM	
		63			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	2.83	0.64	0.01
		Daily	19.44	4.38	0.08

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	252	93.7%	
		Car (as driver)	252	72.0%	
		Car (as passenger)	76	21.7%	
		Total Alt Trans (PT and Active)	22	6.3%	
		On Foot	12	3.4%	
		Cycle	10	2.9%	
		Public Transport	0	0.0%	
Survey undertaken by	TDC	Survey Contact	Fred Stone		
Survey undertaken by	Fred Stone	fred@trafficdc.com.au			

Site 05 - Results Summary Sheet

Address 101 Henry Head Lane, Kamay Botany Bay National Park, La Perouse

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey period Date and Time	Wednesday	19th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	<i>Activity Name</i>	New South Wales Golf Club			
	<i>Land Use Description</i>	Golf Club			
	<i>Local Authority (Council)</i>	Randwick			
	<i>Street Address and Suburb</i>	101 Henry Head Lane, Kamay Botany Bay National Park, La Perouse			
	<i>Survey Site General Location</i>	Outer Suburban			
	<i>Nearest Major Road</i>	Anzac Parade			
	<i>Site Area (m²)</i>	440,000			
	<i>Pedestrian Activity</i>	Low			
	<i>Public Transport Opportunities</i>	Low			
	<i>Approximate Café Seating Capacity</i>				
	<i>No. of Holes</i>	18			
	<i>Opening Hours</i>	7:00 - 20:00			
	<i>Driving Range Hours</i>	7:00 - 18:00			
B. Parking	<i>Parking Spaces Provided On-Site</i>	80			
	<i>Other Parking Spaces (On-Street/Off-Site)</i>				
	<i>Staff Parking On-Site</i>	9 Directors - 4 Ladies committee			
	<i>Other Staff Parking (On-Street/Off-Site)</i>				
	<i>Peak Parking Demand</i>			Max occupied spaces	104
	<i>Peak Parking Demand During Survey</i>				
C. Trip Generation	<i>Site Surveyed Arrival / Departure Flow</i>	<i>AM Peak Period</i>	<i>Time</i>	10:45 AM	11:45 AM
			<i>In (vph)</i>	49	Total
			<i>Out (vph)</i>	14	63
		<i>PM Peak Period</i>	<i>Time</i>	4:30 PM	5:30 PM
			<i>In (vph)</i>	6	Total
			<i>Out (vph)</i>	46	52
		<i>Daily</i>	<i>Time</i>	6:00 AM	7:00 PM
			<i>Total In + Out (Vpd)</i>	389	
	Peak Vehicle Trip Rate per:	<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>	
		AM Peak Period	3.50	0.79	0.01
		PM Peak Period	2.89	0.65	0.01
		Daily	7.83	1.76	0.03
	Daily Persons Trips (IN)	Car Based	146	Total	146
		Other	0		
	Average number of Persons per hour	18			
	Person Trips at Vehicle Peak Hour	Daily Peak	52		
	Persons Trips at Peak Hours	AM Vehicle Peak	10:45:00 AM	11:45:00 AM	
		52	Person Trips		
		PM Vehicle Peak	4:30:00 PM	5:30:00 PM	
		13	Person Trips		
		Pedestrian Peak	10:45:00 AM	11:45:00 AM	
		52			
	Peak / Daily Person Trip Rates per:	<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>	
		Daily Peak Period	2.89	0.65	0.01
		Daily	8.17	1.84	0.03
D. Other	<i>Site Characteristics / Notes</i>	<i>Daily Mode Split</i>			
	Mode splits estimated using completed	<i>Modal Split</i>	<i>Number</i>	<i>%</i>	
		Total Private Vehicles	141	99.3%	
		Car (as driver)	141	95.9%	
		Car (as passenger)	5	3.4%	
		Total Alt Trans (PT and Active)	1	0.7%	
		On Foot	0	0.0%	
		Cycle	1	0.7%	
		Public Transport	0	0.0%	
Survey Undertaken By (Surveyor)		TDC	Survey Contact	Fred Stone	
		Fred Stone	fred@trafficdc.com.au		

Site 06 - Results Summary Sheet

Address 74 O'Briens Road, Cattai

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Saturday	29th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Riverside Oaks Golf Resort			
	Land Use Description	Golf Club			
	Local Authority (Council)	Cattai			
	Street Address and Suburb	74 O'Briens Road, Cattai			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road	Anzac Parade			
	Site Area (m ²)	830,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	36			
	Opening Hours	6:30am - 7pm			
	Driving Range Hours	0			
B. Parking	Parking Spaces Provided On-Site	23			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	17
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	11:30 AM	12:30 PM
			In (vph)	19	Total
			Out (vph)	31	50
		PM Peak Period	Time	12:00 PM	1:00 PM
			In (vph)	10	Total
			Out (vph)	33	43
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	280	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	1.39	2.17	0.01
		PM Peak Period	1.19	1.87	0.01
		Daily	3.92	6.13	0.02
	Daily Persons Trips (IN)	Car Based	208	Total	208
		Other	0		
	Average number of Persons per hour	24			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		73			
	Persons Trips at Peak Hours	AM Vehicle Peak	11:30:00 AM	12:30:00 PM	
		73	Person Trips		
		PM Vehicle Peak	12:00:00 PM	1:00:00 PM	
		14	Person Trips		
		Pedestrian Peak	11:30:00 AM	12:30:00 PM	
		73			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	2.03	3.17	0.01
		Daily	5.78	9.04	0.03
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	141	100.0%	
		Car (as driver)	141	67.8%	
		Car (as passenger)	67	32.2%	
		Total All Trans (PT and Active)	0	0.0%	
		On Foot	0	0.0%	
		Cycle	0	0.0%	
		Public Transport	0	0.0%	
Survey Undertaken By		TDC	Survey Contact	Fred Stone	
Survey Undertaken By		Fred Stone	fred@trafficdc.com.au		

Site 06 - Results Summary Sheet

Address 74 O'Briens Road, Cattai

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Sunday	9th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Riverside Oaks Golf Resort			
	Land Use Description	Golf Club			
	Local Authority (Council)	Cattai			
	Street Address and Suburb	74 O'Briens Road, Cattai			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road	Anzac Parade			
	Site Area (m ²)	830,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	36			
	Opening Hours	6:30am - 7pm			
	Driving Range Hours	0			
B. Parking	Parking Spaces Provided On-Site	23			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	23
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	10:30 AM	11:30 AM
			In (vph)	16	Total
			Out (vph)	26	42
		PM Peak Period	Time	12:30 PM	1:30 PM
			In (vph)	19	Total
			Out (vph)	24	43
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	255	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	1.17	1.83	0.01
		PM Peak Period	1.19	1.87	0.01
		Daily	2.69	4.22	0.01
	Daily Persons Trips (IN)	Car Based	144	Total	144
		Other	0		
	Average number of Persons per hour	17			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		32			
	Persons Trips at Peak Hours	AM Vehicle Peak	10:30:00 AM	11:30:00 AM	
		32	Person Trips		
		PM Vehicle Peak	12:30:00 PM	1:30:00 PM	
		27	Person Trips		
		Pedestrian Peak	10:30:00 AM	11:30:00 AM	
		32			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	0.89	1.39	0.00
		Daily	4.03	6.30	0.02
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed customer	Modal Split	Number	%	
		Total Private Vehicles	97	99.3%	
		Car (as driver)	97	66.9%	
		Car (as passenger)	47	32.4%	
		Total Alt Trans (PT and Active)	1	0.7%	
		On Foot	1	0.7%	
		Cycle	0	0.0%	
		Public Transport	0	0.0%	
Survey Undertaken By		TDC	Survey Contact	Fred Stone	
Survey Undertaken By		Fred Stone	fred@trafficdc.com.au		

Site 06 - Results Summary Sheet

Address 74 O'Briens Road, Cattai

Notes: Summary of survey results and preliminary analysis for site, as per TINSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Sunday	23th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Riverside Oaks Golf Resort			
	Land Use Description	Golf Club			
	Local Authority (Council)	Cattai			
	Street Address and	74 O'Briens Road, Cattai			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road	Anzac Parade			
	Site Area (m ²)	830,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	36			
	Opening Hours	6:30am - 7pm			
	Driving Range Hours	0			
B. Parking	King Spaces Provided On-Site	23			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	5
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	11:30 AM	12:30 PM
			In (vph)	11	Total
			Out (vph)	7	18
		PM Peak Period	Time	1:45 PM	2:45 PM
			In (vph)	6	Total
			Out (vph)	14	20
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	118	
	Peak Vehicle Trip Rate per 100m ²	No. of Holes	Car Parking Space	100m ² Site Area	
		AM Peak Period	0.50	0.78	0.00
		PM Peak Period	0.56	0.87	0.00
		Daily	1.50	2.35	0.01
	Daily Persons Trips (IN)	Car Based	89	Total	89
		Other	0		
	Average number of Persons per Vehicle	10			
	Person Trips at Vehicle Peak	Daily Peak	39		
	Persons Trips at Peak Hour	AM Vehicle Peak	11:30:00 AM	12:30:00 PM	
		39	Person Trips		
		PM Vehicle Peak	1:45:00 PM	2:45:00 PM	
		35	Person Trips		
		Pedestrian Peak	11:30:00 AM	12:30:00 PM	
		39			
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space	100m ² Site Area	
		Daily Peak Period	1.08	1.70	0.00
		Daily	2.50	3.91	0.01
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated	Modal Split	Number	%	
		Total Private Vehicles	54	98.9%	
		Car (as driver)	54	60.0%	
		Car (as passenger)	35	38.9%	
		Total Alt Trans (PT and Active)	1	1.1%	
		On Foot	0	0.0%	
		Cycle	1	1.1%	
		Public Transport	0	0.0%	
Survey Undertaken By	TDC	Survey Contact	Fred Stone		

Site 07 - Results Summary Sheet

Address 256 Powderworks Road, Ingleside

Notes: Summary of survey results and preliminary analysis for site, as per TINSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Saturday	29th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Monash Country Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Northern Beaches Council			
	Street Address and Suburb	256 Powderworks Road, Ingleside			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road				
	Site Area (m ²)	440,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	5:30 - 21:00			
	Driving Range Hours	0			

B. Parking	Parking Spaces Provided On-Site	189			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	146
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	6:15 AM	7:15 AM
			In (vph)	81	Total
			Out (vph)	2	83
		PM Peak Period	Time	4:45 PM	5:45 PM
			In (vph)	7	Total
			Out (vph)	79	86
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	558	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	4.61	0.44	0.02
		PM Peak Period	4.78	0.46	0.02
		Daily	15.89	1.51	0.07
	Daily Persons Trips (IN)	Car Based	323	Total	323
		Other	0		
	Average number of Persons per hour		36		
	Person Trips at Vehicle Peak Hour	Daily Peak			
		84			
	Persons Trips at Peak Hours	AM Vehicle Peak	6:15:00 AM	7:15:00 AM	
		84	Person Trips		
		PM Vehicle Peak	4:45:00 PM	5:45:00 PM	
		45	Person Trips		
		Pedestrian Peak	6:15:00 AM	7:15:00 AM	
		84			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	4.67	0.44	0.02
		Daily	18.00	1.71	0.07

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	286	99.7%	
		Car (as driver)	286	88.3%	
		Car (as passenger)	37	11.4%	
		Total Alt Trans (PT and Active)	1	0.3%	
		On Foot	0	0.0%	
		Cycle	1	0.3%	
		Public Transport	0	0.0%	
Survey undertaken		TDC	Survey Contact	Fred Stone	
Survey undertaken by (signature)		Fred Stone	fred@trafficdc.com.au		

Site 07 - Results Summary Sheet

Address 256 Powderworks Road, Ingleside

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Sunday	23th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Monash Country Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Northern Beaches Council			
	Street Address and Suburb	256 Powderworks Road, Ingleside			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road				
	Site Area (m ²)	440,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	5:30 - 21:00			
	Driving Range Hours	0			

B. Parking	Parking Spaces Provided On-Site	189			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	113
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	11:30 AM	12:30 PM
			In (vph)	11	Total
			Out (vph)	42	53
		PM Peak Period	Time	4:45 PM	5:45 PM
			In (vph)	0	Total
			Out (vph)	69	69
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	417	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	2.94	0.28	0.01
		PM Peak Period	3.83	0.37	0.02
		Daily	10.44	0.99	0.04
	Daily Persons Trips (IN)	Car Based	242	Total	242
		Other	0		
	Average number of Persons per hour	27			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		54			
	Persons Trips at Peak Hours	AM Vehicle Peak	11:30:00 AM	12:30:00 PM	
		54	Person Trips		
		PM Vehicle Peak	4:45:00 PM	5:45:00 PM	
		26	Person Trips		
		Pedestrian Peak	11:30:00 AM	12:30:00 PM	
		54			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	3.00	0.29	0.01
		Daily	13.44	1.28	0.06

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	188	100.0%	
		Car (as driver)	188	77.7%	
		Car (as passenger)	54	22.3%	
		Total Alt Trans (PT and Active)	0	0.0%	
		On Foot	0	0.0%	
		Cycle	0	0.0%	
		Public Transport	0	0.0%	
Survey		TDC	Survey Contact	Fred Stone	
Survey Date		Fred Stone	fred@trafficdc.com.au		

Site 07 - Results Summary Sheet

Address 256 Powderworks road, Ingleside

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period	Wednesday	26th May 2021	6:00:00 AM	19:00:00 PM	
Date and Time	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Monash Country Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Northern Beaches Council			
	Street Address and Suburb	256 Powderworks road, Ingleside			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road				
	Site Area (m ²)	440,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	5:30 - 21:00			
	Driving Range Hours	0			

B. Parking	Parking Spaces Provided On-Site	189			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	115
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	10:30 AM	11:30 AM
			In (vph)	49	Total
			Out (vph)	13	62
		PM Peak Period	Time	5:00 PM	6:00 PM
			In (vph)	7	Total
			Out (vph)	82	89
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	513	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	3.44	0.33	0.01
		PM Peak Period	4.94	0.47	0.02
		Daily	13.17	1.25	0.05
	Daily Persons Trips (IN)	Car Based	250	Total	250
		Other	0		
	Average number of Persons per hour	28			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		54			
	Persons Trips at Peak Hours	AM Vehicle Peak	10:30:00 AM	11:30:00 AM	
		54	Person Trips		
		PM Vehicle Peak	5:00:00 PM	6:00:00 PM	
		15	Person Trips		
		Pedestrian Peak	10:30:00 AM	11:30:00 AM	
		54			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	3.00	0.29	0.01
		Daily	13.89	1.32	0.06

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	237	100.0%	
		Car (as driver)	237	94.8%	
		Car (as passenger)	13	5.2%	
		Total Alt Trans (PT and Active)	0	0.0%	
		On Foot	0	0.0%	
		Cycle	0	0.0%	
		Public Transport	0	0.0%	
Survey		TDC	Survey Contact	Fred Stone	

Site 08 - Results Summary Sheet

Address Majors Bay Rd, Concord NSW 2137

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Saturday	19-Jun	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Concord Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Concord NSW 2137			
	Street Address and Suburb	Majors Bay Rd, Concord NSW 2137			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road				
	Site Area (m ²)	420,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Moderate			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	9am - 5pm			
	Driving Range Hours	7am - 7pm			

B. Parking	Parking Spaces Provided On-Site	136			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	118
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	6:45 AM	7:45 AM
			In (vph)	62	Total
			Out (vph)	2	64
		PM Peak Period	Time	12:00 PM	1:00 PM
			In (vph)	27	Total
			Out (vph)	40	67
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	499	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	3.56	0.47	0.02
		PM Peak Period	3.72	0.49	0.02
		Daily	15.67	2.07	0.07
	Daily Persons Trips (IN)	Car Based	337	Total	337
		Other	0		
	Average number of Persons per hour	56			
	Person Trips at Vehicle Peak Hour	Daily Peak	69		
	Persons Trips at Peak Hours	AM Vehicle Peak	6:45:00 AM	7:45:00 AM	
		69	Person Trips		
		PM Vehicle Peak	12:00:00 PM	1:00:00 PM	
		36	Person Trips		
		Pedestrian Peak	6:45:00 AM	7:45:00 AM	
		69			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	3.83	0.51	0.02
		Daily	19.06	2.52	0.08

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	282	98.3%	
		Car (as driver)	282	82.2%	
		Car (as passenger)	55	16.0%	
		Total Alt Trans (PT and Active)	6	1.7%	
		On Foot	1	0.3%	
		Cycle	5	1.5%	
		Public Transport	0	0.0%	
Survey		TDC	Survey Contact	Fred Stone	
Survey		Fred Stone	fred@trafficdc.com.au		

Site 08 - Results Summary Sheet

Address Majors Bay Rd, Concord NSW 2137

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Sunday	20th Jun 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Concord Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Concord NSW 2137			
	Street Address and Suburb	Majors Bay Rd, Concord NSW 2137			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road				
	Site Area (m ²)	420,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Moderate			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	9am - 5pm			
	Driving Range Hours	7am - 7pm			

B. Parking	Parking Spaces Provided On-Site	136			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	87
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	11:30 AM	12:30 PM
			In (vph)	33	Total
			Out (vph)	19	52
		PM Peak Period	Time	12:00 PM	1:00 PM
			In (vph)	26	Total
			Out (vph)	16	42
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	311	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	2.89	0.38	0.01
		PM Peak Period	2.33	0.31	0.01
		Daily	9.89	1.31	0.04
	Daily Persons Trips (IN)	Car Based	239	Total	239
		Other	0		
	Average number of Persons per hour	40			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		51			
	Persons Trips at Peak Hours	AM Vehicle Peak	11:30:00 AM	12:30:00 PM	
		51	Person Trips		
		PM Vehicle Peak	12:00:00 PM	1:00:00 PM	
		46	Person Trips		
		Pedestrian Peak	11:30:00 AM	12:30:00 PM	
		51			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	2.83	0.38	0.01
		Daily	13.72	1.82	0.06

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	178	96.8%	
		Car (as driver)	178	72.1%	
		Car (as passenger)	61	24.7%	
		Total Alt Trans (PT and Active)	8	3.2%	
		On Foot	8	3.2%	
		Cycle	0	0.0%	
		Public Transport	0	0.0%	
Survey		TDC	Survey Contact	Fred Stone	
Survey		Fred Stone	fred@trafficdc.com.au		

Site 08 - Results Summary Sheet

Address Majors Bay Rd, Concord NSW 2137

Notes: Summary of survey results and preliminary analysis for site, as per TINSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Wednesday	23th Jun 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Concord Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Concord NSW 2137			
	Street Address and Suburb	Majors Bay Rd, Concord NSW 2137			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road				
	Site Area (m ²)	420,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Moderate			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	9am - 5pm			
	Driving Range Hours	7am - 7pm			

B. Parking	Parking Spaces Provided On-Site	136			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	136
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	11:30 AM	12:30 PM
			In (vph)	33	Total
			Out (vph)	19	52
		PM Peak Period	Time	12:00 PM	1:00 PM
			In (vph)	26	Total
			Out (vph)	16	42
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	311	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	2.89	0.38	0.01
		PM Peak Period	2.33	0.31	0.01
		Daily	9.89	1.31	0.04
	Daily Persons Trips (IN)	Car Based	239	Total	239
		Other	0		
	Average number of Persons per hour	40			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		51			
	Persons Trips at Peak Hours	AM Vehicle Peak	11:30:00 AM	12:30:00 PM	
		51	Person Trips		
		PM Vehicle Peak	12:00:00 PM	1:00:00 PM	
		46	Person Trips		
		Pedestrian Peak	11:30:00 AM	12:30:00 PM	
		51			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	2.83	0.38	0.01
		Daily	13.72	1.82	0.06

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	178	96.8%	
		Car (as driver)	178	72.1%	
		Car (as passenger)	61	24.7%	
		Total Alt Trans (PT and Active)	8	3.2%	
		On Foot	0	0.0%	
		Cycle	8	3.2%	
		Public Transport	0	0.0%	
Survey Undertaken By:		TDC	Survey Contact	Fred Stone	

Site 09 - Results Summary Sheet

Address Aberdeen Street, Scone NSW

Notes: Summary of survey results and preliminary analysis for site, as per TINSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Sunday				
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Scone Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Upper Hunter Shire			
	Street Address and Suburb	Aberdeen Street, Scone NSW			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road				
	Site Area (m ²)	380,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	9			
	Opening Hours	11am - 10pm			
	Driving Range Hours	0			

B. Parking	Parking Spaces Provided On-Site	42			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	0
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	10:30 AM	11:30 AM
			In (vph)	29	Total
			Out (vph)	19	48
		PM Peak Period	Time	12:00 PM	1:00 PM
			In (vph)	13	Total
			Out (vph)	19	32
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	258	
	Peak Vehicle Trip Rate per:	No. of Holes	Car Parking Space	100m ² Site Area	
		AM Peak Period	5.33	1.14	0.01
		PM Peak Period	3.56	0.76	0.01
		Daily	16.00	3.43	0.04
	Daily Persons Trips (IN)	Car Based	0	Total	0
		Other	0		
	Average number of Persons per hour	0			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		0			
	Persons Trips at Peak Hours	AM Vehicle Peak	10:30:00 AM	11:30:00 AM	
		0	Person Trips		
		PM Vehicle Peak	12:00:00 PM	1:00:00 PM	
		0	Person Trips		
		Pedestrian Peak	10:30:00 AM	11:30:00 AM	
		0			
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space	100m ² Site Area	
		Daily Peak Period	0.00	0.00	0.00
		Daily	0.00	0.00	0.00

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	144	-	
		Car (as driver)	144	-	
		Car (as passenger)	-144	-	
		Total Alt Trans (PT and Active)	0	-	
		On Foot	0	-	
		Cycle	0	-	
		Public Transport	0	0.0%	
Survey		TDC	Survey Contact	Fred Stone	
Survey Date		Fred Stone	fred@trafficdc.com.au		

Site 09 - Results Summary Sheet

Address Aberdeen Street, Scone NSW

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Wednesday				
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Scone Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Upper Hunter Shire			
	Street Address and Suburb	Aberdeen Street, Scone NSW			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road				
	Site Area (m ²)	380,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	9			
	Opening Hours	11am - 11pm			
	Driving Range Hours	0			
B. Parking	Parking Spaces Provided On-Site	42			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	0
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	9:30 AM	10:30 AM
			In (vph)	22	Total
			Out (vph)	9	31
		PM Peak Period	Time	1:00 PM	2:00 PM
			In (vph)	15	Total
			Out (vph)	18	33
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	248	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	3.44	0.74	0.01
		PM Peak Period	3.67	0.79	0.01
		Daily	15.67	3.36	0.04
	Daily Persons Trips (IN)	Car Based	0	Total	0
		Other	0		
	Average number of Persons per hour	0			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		0			
	Persons Trips at Peak Hours	AM Vehicle Peak	9:30:00 AM	10:30:00 AM	
		0	Person Trips		
		PM Vehicle Peak	1:00:00 PM	2:00:00 PM	
		0	Person Trips		
		Pedestrian Peak	9:30:00 AM	10:30:00 AM	
		0			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	0.00	0.00	0.00
		Daily	0.00	0.00	0.00
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	141	-	
		Car (as driver)	141	-	
		Car (as passenger)	-141	-	
		Total Alt Trans (PT and Active)	0	-	
		On Foot	0	-	
		Cycle	0	-	
		Public Transport	-	-	
Survey		TDC	Survey Contact	Fred Stone	
Survey Date		Fred Stone	fred@trafficdc.com.au		

Site 09 - Results Summary Sheet

Address: Aberdeen Street, Scone NSW 2337

Notes: Summary of survey results and preliminary analysis for site, as per TINSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period	Saturday	-	-	-	
Date and Time	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Scone Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Upper Hunter Shire			
	Street Address and Suburb	Aberdeen Street, Scone NSW 2337			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road				
	Site Area (m ²)	380,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Cafe Seating Capacity				
	No. of Holes	9			
	Opening Hours	11am - 10pm			
	Driving Range Hours	0			

B. Parking	Parking Spaces Provided On-Site	42			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	0
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	10:15 AM	11:15 AM
			In (vph)	32	Total
			Out (vph)	13	45
		PM Peak Period	Time	4:30 PM	5:30 PM
			In (vph)	33	Total
			Out (vph)	20	53
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	319	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	5.00	1.07	0.01
		PM Peak Period	5.89	1.26	0.01
		Daily	21.89	4.69	0.05
	Daily Persons Trips (IN)	Car Based	0	Total	0
		Other	0		
	Average number of Persons per hour	0			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		0			
	Persons Trips at Peak Hours	AM Vehicle Peak	10:15:00 AM	11:15:00 AM	
		0	Person Trips		
		PM Vehicle Peak	4:30:00 PM	5:30:00 PM	
		0	Person Trips		
		Pedestrian Peak	10:15:00 AM	11:15:00 AM	
		0			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	0.00	0.00	0.00
		Daily	0.00	0.00	0.00

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	197	-	
		Car (as driver)	197	-	
		Car (as passenger)	-197	-	
		Total Alt Trans (PT and Active)	0	-	
		On Foot	0	-	
		Cycle	0	-	
		Public Transport	-	-	
Survey		TDC	Survey Contact	Fred Stone	
Surveyed By:		Fred Stone	fred@trafficdc.com.au		
Updated By:					

Site 10 - Results Summary Sheet

Address 22 Racecourse Rd, Gosford NSW 2250

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period	Saturday				
Date and Time	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Gosford Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	City of Gosford			
	Street Address and Suburb	22 Racecourse Rd, Gosford NSW 2250			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road				
	Site Area (m ²)	410,000			
	Pedestrian Activity	Moderate			
	Public Transport Opportunities	Moderate			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	6:00-6:00			
	Driving Range Hours	0			

B. Parking	Parking Spaces Provided On-Site	114			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	0
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	6:30 AM	7:30 AM
			In (vph)	59	Total
			Out (vph)	10	69
		PM Peak Period	Time	12:00 PM	1:00 PM
			In (vph)	8	Total
			Out (vph)	33	41
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	336	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	3.83	0.61	0.02
		PM Peak Period	2.28	0.36	0.01
		Daily	9.56	1.51	0.04
	Daily Persons Trips (IN)	Car Based	0	Total	0
		Other	0		
	Average number of Persons per hour	0			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		0			
	Persons Trips at Peak Hours	AM Vehicle Peak	6:30:00 AM	7:30:00 AM	
		0	Person Trips		
		PM Vehicle Peak	12:00:00 PM	1:00:00 PM	
		0	Person Trips		
		Pedestrian Peak	6:30:00 AM	7:30:00 AM	
		0			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	0.00	0.00	0.00
		Daily	0.00	0.00	0.00

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	172	-	
		Car (as driver)	172	-	
		Car (as passenger)	-172	-	
		Total Alt Trans (PT and Active)	0	-	
		On Foot	0	-	
		Cycle	0	-	
		Public Transport	-	-	
Survey Undertaken By		TDC	Survey Contact	Fred Stone	
Survey Undertaken By		Fred Stone	fred@trafficdc.com.au		

Site 10 - Results Summary Sheet

Address 22 Racecourse Rd, Gosford NSW 2250

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Subday				
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	<i>Activity Name</i>	Gosford Golf Club			
	<i>Land Use Description</i>	Golf Club			
	<i>Local Authority (Council)</i>	City of Gosford			
	<i>Street Address and Suburb</i>	22 Racecourse Rd, Gosford NSW 2250			
	<i>Survey Site General Location</i>	Outer Suburban			
	<i>Nearest Major Road</i>				
	<i>Site Area (m²)</i>	410,000			
	<i>Pedestrian Activity</i>	Moderate			
	<i>Public Transport Opportunities</i>	Moderate			
	<i>Approximate Café Seating Capacity</i>				
	<i>No. of Holes</i>	18			
	<i>Opening Hours</i>	6:00-6:00			
	<i>Driving Range Hours</i>	0			

B. Parking	<i>Parking Spaces Provided On-Site</i>	114			
	<i>Other Parking Spaces (On-Street/Off-Site)</i>				
	<i>Staff Parking On-Site</i>	0			
	<i>Other Staff Parking (On-Street/Off-Site)</i>				
	<i>Peak Parking Demand</i>			Max occupied spaces	0
	<i>Peak Parking Demand During Survey</i>				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	<i>AM Peak Period</i>	<i>Time</i>	10:00 AM	11:00 AM
			<i>In (vph)</i>	37	Total
			<i>Out (vph)</i>	15	52
		<i>PM Peak Period</i>	<i>Time</i>	1:00 PM	2:00 PM
			<i>In (vph)</i>	4	Total
			<i>Out (vph)</i>	18	22
		<i>Daily</i>	<i>Time</i>	6:00 AM	7:00 PM
			<i>Total In + Out (Vpd)</i>	199	
	Peak Vehicle Trip Rate per:		<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>
		AM Peak Period	2.89	0.46	0.01
		PM Peak Period	1.22	0.19	0.01
		Daily	5.83	0.92	0.03
	Daily Persons Trips (IN)	Car Based	0	Total	0
		Other	0		
	Average number of Persons per hour	0			
	Person Trips at Vehicle Peak Hour	Daily Peak	0		
	Persons Trips at Peak Hours	AM Vehicle Peak	10:00:00 AM	11:00:00 AM	
		0	Person Trips		
		PM Vehicle Peak	1:00:00 PM	2:00:00 PM	
		0	Person Trips		
		Pedestrian Peak	10:00:00 AM	11:00:00 AM	
		0			
	Peak / Daily Person Trip Rates per:		<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>
		Daily Peak Period	0.00	0.00	0.00
		Daily	0.00	0.00	0.00

D. Other	<i>Site Characteristics / Notes</i>	<i>Daily Mode Split</i>			
	Mode splits estimated using completed	<i>Modal Split</i>	<i>Number</i>	<i>%</i>	
		Total Private Vehicles	105	-	
		Car (as driver)	105	-	
		Car (as passenger)	-105	-	
		Total Alt Trans (PT and Active)	0	-	
		On Foot	0	-	
		Cycle	0	-	
		Public Transport	0	0.0%	
Survey Undertaken By		TDC	Survey Contact	Fred Stone	
Survey Undertaken By		Fred Stone	fred@trafflcdc.com.au		

Site 10 - Results Summary Sheet

Address 22 Racecourse Rd, Gosford

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period	Wednesday	-	-	-	-
Date and Time	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Gosford Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	City of Gosford			
	Street Address and Suburb	22 Racecourse Rd, Gosford			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road				
	Site Area (m ²)	410,000			
	Pedestrian Activity	Moderate			
	Public Transport Opportunities	Moderate			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	6:00-6:00			
	Driving Range Hours	0			

B. Parking	Parking Spaces Provided On-Site	114			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	0
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	10:15 AM	11:15 AM
			In (vph)	71	Total
			Out (vph)	24	95
		PM Peak Period	Time	4:15 PM	5:15 PM
			In (vph)	22	Total
			Out (vph)	69	91
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	646	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	5.28	0.83	0.02
		PM Peak Period	5.06	0.80	0.02
		Daily	18.56	2.93	0.08
	Daily Persons Trips (IN)	Car Based	0	Total	0
		Other	0		
	Average number of Persons per hour	0			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		0			
	Persons Trips at Peak Hours	AM Vehicle Peak	10:15:00 AM	11:15:00 AM	
		0	Person Trips		
		PM Vehicle Peak	4:15:00 PM	5:15:00 PM	
		0	Person Trips		
		Pedestrian Peak	10:15:00 AM	11:15:00 AM	
		0			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	0.00	0.00	0.00
		Daily	0.00	0.00	0.00

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	334	-	
		Car (as driver)	334	-	
		Car (as passenger)	-334	-	
		Total Alt Trans (PT and Active)	0	-	
		On Foot	0	-	
		Cycle	0	-	
		Public Transport	-	-	
Survey		TDC	Survey Contact	Fred Stone	
Survey Date		Fred Stone	fred@trafficdc.com.au		

Site 11 - Results Summary Sheet

Address 233 Byangum Road, Murwillumbah

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Saturday	17th Apr 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Murwillumbah Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Tweed Shire Council			
	Street Address and Suburb	233 Byangum Road, Murwillumbah			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road				
	Site Area (m ²)	450,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Moderate			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	10:00 - 24:00			
	Driving Range Hours	7:00 - 18:00 Tues - Sun			

B. Parking	Parking Spaces Provided On-Site	76			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	11			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	111
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	11:00 AM	12:00 PM
			In (vph)	55	Total
			Out (vph)	43	98
		PM Peak Period	Time	5:30 PM	6:30 PM
			In (vph)	39	Total
			Out (vph)	44	83
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	669	
	Peak Vehicle Trip Rate per:	No. of Holes	Car Parking Space	100m ² Site Area	
		AM Peak Period	5.44	1.29	0.02
		PM Peak Period	4.61	1.09	0.02
		Daily	19.06	4.51	0.08
	Daily Persons Trips (IN)	Car Based	436	Total	436
		Other	0		
	Average number of Persons per hour	55			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		77			
	Persons Trips at Peak Hours	AM Vehicle Peak	11:00:00 AM	12:00:00 PM	
		77	Person Trips		
		PM Vehicle Peak	5:30:00 PM	6:30:00 PM	
		46	Person Trips		
		Pedestrian Peak	11:00:00 AM	12:00:00 PM	
		77			
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space	100m ² Site Area	
		Daily Peak Period	4.28	1.01	0.02
		Daily	24.56	5.82	0.10

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	343	98.6%	
		Car (as driver)	343	77.6%	
		Car (as passenger)	93	21.0%	
		Total Alt Trans (PT and Active)	6	1.4%	
		On Foot	4	0.9%	
		Cycle	2	0.5%	
		Public Transport	0	0.0%	
Survey Methodology		TDC	Survey Contact	Fred Stone	

Site 11 - Results Summary Sheet

Address 233 Byangum Road, Murwillumbah

Notes: Summary of survey results and preliminary analysis for site, as per TINSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period	Sunday	18th Apr 2021	6:00:00 AM	19:00:00 PM	
Date and Time	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Murwillumbah Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Tweed Shire Council			
	Street Address and Suburb	233 Byangum Road, Murwillumbah			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road				
	Site Area (m ²)	450,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Moderate			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	10:00 - 22:00			
	Driving Range Hours	7:00 - 18:00 Tues - Sun			
B. Parking	Parking Spaces Provided On-Site	76			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	11			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	67
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	11:00 AM	12:00 PM
			In (vph)	19	Total
			Out (vph)	29	48
		PM Peak Period	Time	1:15 PM	2:15 PM
			In (vph)	26	Total
			Out (vph)	35	61
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	459	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	2.67	0.63	0.01
		PM Peak Period	3.39	0.80	0.01
		Daily	11.72	2.78	0.05
	Daily Persons Trips (IN)	Car Based	303	Total	303
		Other	0		
	Average number of Persons per hour	38			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		39			
	Persons Trips at Peak Hours	AM Vehicle Peak	11:00:00 AM	12:00:00 PM	
		35	Person Trips		
		PM Vehicle Peak	1:15:00 PM	2:15:00 PM	
		39	Person Trips		
		Pedestrian Peak	11:00:00 AM	12:00:00 PM	
		39			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	1.94	0.46	0.01
		Daily	17.61	4.17	0.07
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed customer	Modal Split	Number	%	
		Total Private Vehicles	211	95.6%	
		Car (as driver)	211	66.6%	
		Car (as passenger)	92	29.0%	
		Total Alt Trans (PT and Active)	14	4.4%	
		On Foot	12	3.8%	
		Cycle	2	0.6%	
		Public Transport	0	0.0%	
Survey		TDC	Survey Contact	Fred Stone	
Survey		Fred Stone	fred@trafficdc.com.au		

Site 11 - Results Summary Sheet

Address 233 Byangum Road, Murwillumbah

Notes: Summary of survey results and preliminary analysis for site, as per TINSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Wednesday	21th Apr 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Murwillumbah Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Tweed Shire Council			
	Street Address and Suburb	233 Byangum Road, Murwillumbah			
	Survey Site General Location	Outer Suburban			
	Nearest Major Road				
	Site Area (m ²)	450,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Moderate			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	10:00 - 21:00			
	Driving Range Hours	7:00 - 18:00 Tues - Sun			

B. Parking	Parking Spaces Provided On-Site	76			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	11			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	92
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	11:30 AM	12:30 PM
			In (vph)	21	Total
			Out (vph)	30	51
		PM Peak Period	Time	3:15 PM	4:15 PM
			In (vph)	24	Total
			Out (vph)	37	61
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	499	
	Peak Vehicle Trip Rate per:	No. of Holes	Car Parking Space	100m ² Site Area	
		AM Peak Period	2.83	0.67	0.01
		PM Peak Period	3.39	0.80	0.01
		Daily	13.94	3.30	0.06
	Daily Persons Trips (IN)	Car Based	306	Total	306
		Other	0		
	Average number of Persons per hour	38			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		41			
	Persons Trips at Peak Hours	AM Vehicle Peak	11:30:00 AM	12:30:00 PM	
		38	Person Trips		
		PM Vehicle Peak	3:15:00 PM	4:15:00 PM	
		41	Person Trips		
		Pedestrian Peak	11:30:00 AM	12:30:00 PM	
		41			
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space	100m ² Site Area	
		Daily Peak Period	2.11	0.50	0.01
		Daily	17.17	4.07	0.07

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	251	99.0%	
		Car (as driver)	251	81.2%	
		Car (as passenger)	55	17.8%	
		Total Alt Trans (PT and Active)	3	1.0%	
		On Foot	3	1.0%	
		Cycle	0	0.0%	
		Public Transport	0	0.0%	
Survey undertaken by:		TDC	Survey Contact	Fred Stone	

Site 12 - Results Summary Sheet

Address Soorley Street, Tweed Heads South

Notes: Summary of survey results and preliminary analysis for site, as per TINSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Saturday	8th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	<i>Activity Name</i>	Coolangatta and Tweed Heads Golf Club			
	<i>Land Use Description</i>	Golf Club			
	<i>Local Authority (Council)</i>	Tweed Shire Council			
	<i>Street Address and Suburb</i>	Soorley Street, Tweed Heads South			
	<i>Survey Site General Location</i>	Suburban			
	<i>Nearest Major Road</i>				
	<i>Site Area (m²)</i>	895,000			
	<i>Pedestrian Activity</i>	Low			
	<i>Public Transport Opportunities</i>	Low			
	<i>Approximate Café Seating Capacity</i>				
	<i>No. of Holes</i>	36			
	<i>Opening Hours</i>	7:00 - 19:30			
	<i>Driving Range Hours</i>	N/A			
B. Parking	<i>Parking Spaces Provided On-Site</i>	434			
	<i>Other Parking Spaces (On-Street/Off-Site)</i>				
	<i>Staff Parking On-Site</i>	12			
	<i>Other Staff Parking (On-Street/Off-Site)</i>				
	<i>Peak Parking Demand</i>			Max occupied spaces	228
	<i>Peak Parking Demand During Survey</i>				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	<i>AM Peak Period</i>	Time	10:45 AM	11:45 AM
			<i>In (vph)</i>	77	Total
			<i>Out (vph)</i>	64	141
		<i>PM Peak Period</i>	Time	4:00 PM	5:00 PM
			<i>In (vph)</i>	10	Total
			<i>Out (vph)</i>	89	99
		<i>Daily</i>	Time	6:00 AM	7:00 PM
			<i>Total In + Out (Vpd)</i>	1063	
	Peak Vehicle Trip Rate per:		<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>
		AM Peak Period	3.92	0.32	0.02
		PM Peak Period	2.75	0.23	0.01
		Daily	14.31	1.19	0.06
	Daily Persons Trips (IN)	Car Based	640	Total	640
		Other	0		
	Average number of Persons per hour	98			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		102			
	Persons Trips at Peak Hours	AM Vehicle Peak	10:45:00 AM	11:45:00 AM	
		102	Person Trips		
		PM Vehicle Peak	4:00:00 PM	5:00:00 PM	
		49	Person Trips		
		Pedestrian Peak	10:45:00 AM	11:45:00 AM	
		102			
	Peak / Daily Person Trip Rates per:		<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>
		Daily Peak Period	2.83	0.24	0.01
		Daily	18.11	1.50	0.07
D. Other	<i>Site Characteristics / Notes</i>	<i>Daily Mode Split</i>			
	Mode splits estimated using completed	<i>Modal Split</i>	<i>Number</i>	<i>%</i>	
		Total Private Vehicles	515	98.2%	
		Car (as driver)	515	79.0%	
		Car (as passenger)	125	19.2%	
		Total Alt Trans (PT and Active)	12	1.8%	
		On Foot	10	1.5%	
		Cycle	2	0.3%	
		Public Transport	0	0.0%	
Survey Methodology:		TDC	Survey Contact	Fred Stone	

Site 12 - Results Summary Sheet

Address Soorley Street, Tweed Heads South

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Sunday	9th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Coolangatta and Tweed Heads Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Tweed Shire Council			
	Street Address and Suburb	Soorley Street, Tweed Heads South			
	Survey Site General Location	Suburban			
	Nearest Major Road				
	Site Area (m ²)	895,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	36			
	Opening Hours	7:00 - 18:00			
	Driving Range Hours	N/A			
B. Parking	Parking Spaces Provided On-Site	434			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	12			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	67
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	11:45 AM	12:45 PM
			In (vph)	23	Total
			Out (vph)	53	76
		PM Peak Period	Time	12:00 PM	1:00 PM
			In (vph)	26	Total
			Out (vph)	58	84
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	636	
	Peak Vehicle Trip Rate per:	No. of Holes	Car Parking Space	100m ² Site Area	
		AM Peak Period	2.11	0.18	0.01
		PM Peak Period	2.33	0.19	0.01
		Daily	8.39	0.70	0.03
	Daily Persons Trips (IN)	Car Based	412	Total	412
		Other	0		
	Average number of Persons per hour	63			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		56			
	Persons Trips at Peak Hours	AM Vehicle Peak	11:45:00 AM	12:45:00 PM	
		56	Person Trips		
		PM Vehicle Peak	12:00:00 PM	1:00:00 PM	
		48	Person Trips		
		Pedestrian Peak	11:45:00 AM	12:45:00 PM	
		56			
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space	100m ² Site Area	
		Daily Peak Period	1.56	0.13	0.01
		Daily	11.81	0.98	0.05
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	302	96.9%	
		Car (as driver)	302	71.1%	
		Car (as passenger)	110	25.9%	
		Total Alt Trans (PT and Active)	13	3.1%	
		On Foot	4	0.9%	
		Cycle	9	2.1%	
		Public Transport	0	0.0%	
Survey		TDC	Survey Contact	Fred Stone	
Survey		Fred Stone	fred@traffidc.com.au		

Site 12 - Results Summary Sheet

Address Soorley Street, Tweed Heads South

Notes: Summary of survey results and preliminary analysis for site, as per TINSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Wednesday	5th May 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	<i>Activity Name</i>	Coolangatta and Tweed Heads Golf Club			
	<i>Land Use Description</i>	Golf Club			
	<i>Local Authority (Council)</i>	Tweed Shire Council			
	<i>Street Address and Suburb</i>	Soorley Street, Tweed Heads South			
	<i>Survey Site General Location</i>	Suburban			
	<i>Nearest Major Road</i>				
	<i>Site Area (m²)</i>	895,000			
	<i>Pedestrian Activity</i>	Low			
	<i>Public Transport Opportunities</i>	Low			
	<i>Approximate Café Seating Capacity</i>				
	<i>No. of Holes</i>	36			
	<i>Opening Hours</i>	7:00 - 18:00			
	<i>Driving Range Hours</i>	N/A			
B. Parking	<i>Parking Spaces Provided On-Site</i>	434			
	<i>Other Parking Spaces (On-Street/Off-Site)</i>				
	<i>Staff Parking On-Site</i>	12			
	<i>Other Staff Parking (On-Street/Off-Site)</i>				
	<i>Peak Parking Demand</i>			Max occupied spaces	179
	<i>Peak Parking Demand During Survey</i>				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	<i>AM Peak Period</i>	Time	11:00 AM	12:00 PM
			<i>In (vph)</i>	20	Total
			<i>Out (vph)</i>	122	142
		<i>PM Peak Period</i>	Time	12:00 PM	1:00 PM
			<i>In (vph)</i>	10	Total
			<i>Out (vph)</i>	50	60
		<i>Daily</i>	Time	6:00 AM	7:00 PM
			<i>Total In + Out (Vpd)</i>	668	
	Peak Vehicle Trip Rate per:		<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>
		AM Peak Period	3.94	0.33	0.02
		PM Peak Period	1.67	0.14	0.01
		Daily	8.58	0.71	0.03
	Daily Persons Trips (IN)	Car Based	342	Total	342
		Other	0		
	Average number of Persons per hour	53			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		78			
	Persons Trips at Peak Hours	AM Vehicle Peak	11:00:00 AM	12:00:00 PM	
		78	Person Trips		
		PM Vehicle Peak	12:00:00 PM	1:00:00 PM	
		18	Person Trips		
		Pedestrian Peak	11:00:00 AM	12:00:00 PM	
		78			
	Peak / Daily Person Trip Rates per:		<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>
		Daily Peak Period	2.17	0.18	0.01
		Daily	9.72	0.81	0.04
D. Other	<i>Site Characteristics / Notes</i>	<i>Daily Mode Split</i>			
	Mode splits estimated using completed	<i>Modal Split</i>	<i>Number</i>	<i>%</i>	
		Total Private Vehicles	309	97.7%	
		Car (as driver)	309	88.3%	
		Car (as passenger)	33	9.4%	
		Total Alt Trans (PT and Active)	8	2.3%	
		On Foot	2	0.6%	
		Cycle	6	1.7%	
		Public Transport	0	0.0%	
Survey Undertaken By:		TDC	Survey Contact	Fred Stone	

Site 13 - Results Summary Sheet

Address 425 Bent Street, South Grafton

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Saturday	5th Jun 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Grafton Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Clarence Valley Council			
	Street Address and Suburb	425 Bent Street, South Grafton			
	Survey Site General Location	Suburban			
	Nearest Major Road				
	Site Area (m ²)	Outer Rural			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	10am - 6pm			
	Driving Range Hours	0			
B. Parking	Parking Spaces Provided On-Site	60			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	5			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	38
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	10:45 AM	11:45 AM
			In (vph)	44	Total
			Out (vph)	14	58
		PM Peak Period	Time	1:45 PM	2:45 PM
			In (vph)	11	Total
			Out (vph)	25	36
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	304	
	Peak Vehicle Trip Rate per:	No. of Holes	Car Parking Space	100m ² Site Area	
		AM Peak Period	3.22	0.97	0.01
		PM Peak Period	2.00	0.60	0.01
		Daily	9.39	2.82	0.03
	Daily Persons Trips (IN)	Car Based	190	Total	190
		Other	0		
	Average number of Persons per hour	42			
	Person Trips at Vehicle Peak Hour	Daily Peak	66		
	Persons Trips at Peak Hours	AM Vehicle Peak	10:45:00 AM	11:45:00 AM	
		66	Person Trips		
		PM Vehicle Peak	1:45:00 PM	2:45:00 PM	
		11	Person Trips		
		Pedestrian Peak	10:45:00 AM	11:45:00 AM	
		66			
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space	100m ² Site Area	
		Daily Peak Period	3.67	1.10	0.01
		Daily	11.22	3.37	0.03
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	169	94.1%	
		Car (as driver)	169	83.7%	
		Car (as passenger)	21	10.4%	
		Total Alt Trans (PT and Active)	34	16.8%	
		On Foot	12	5.9%	
		Cycle	0	0.0%	
		Public Transport	22	10.9%	
Survey Undertaken		TDC	Survey Contact	Fred Stone	
Survey Undertaken		Fred Stone	fred@traffidc.com.au		

Site 13 - Results Summary Sheet

Address 425 Bent Street, South Grafton

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Sunday	6th Jun 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	<i>Activity Name</i>	Grafton Golf Club			
	<i>Land Use Description</i>	Golf Club			
	<i>Local Authority (Council)</i>	Clarence Valley Council			
	<i>Street Address and Suburb</i>	425 Bent Street, South Grafton			
	<i>Survey Site General Location</i>	Suburban			
	<i>Nearest Major Road</i>				
	<i>Site Area (m²)</i>	Outer Rural			
	<i>Pedestrian Activity</i>	Low			
	<i>Public Transport Opportunities</i>	Low			
	<i>Approximate Café Seating Capacity</i>				
	<i>No. of Holes</i>	18			
	<i>Opening Hours</i>	10am - 6pm			
	<i>Driving Range Hours</i>	0			
B. Parking	<i>Parking Spaces Provided On-Site</i>	60			
	<i>Other Parking Spaces (On-Street/Off-Site)</i>				
	<i>Staff Parking On-Site</i>	5			
	<i>Other Staff Parking (On-Street/Off-Site)</i>				
	<i>Peak Parking Demand</i>			Max occupied spaces	35
	<i>Peak Parking Demand During Survey</i>				
C. Trip Generation	<i>Site Surveyed Arrival / Departure Flow</i>	<i>AM Peak Period</i>	<i>Time</i>	6:30 AM	7:30 AM
			<i>In (vph)</i>	26	Total
			<i>Out (vph)</i>	4	30
		<i>PM Peak Period</i>	<i>Time</i>	1:45 PM	2:45 PM
			<i>In (vph)</i>	6	Total
			<i>Out (vph)</i>	13	19
		<i>Daily</i>	<i>Time</i>	6:00 AM	7:00 PM
			<i>Total In + Out (Vpd)</i>	178	
	Peak Vehicle Trip Rate per:		<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>
		AM Peak Period	1.67	0.50	0.00
		PM Peak Period	1.06	0.32	0.00
		Daily	5.00	1.50	0.01
	Daily Persons Trips (IN)	Car Based	98	Total	98
		Other	0		
	Average number of Persons per hour	22			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		36			
	Persons Trips at Peak Hours	AM Vehicle Peak	6:30:00 AM	7:30:00 AM	
		36	Person Trips		
		PM Vehicle Peak	1:45:00 PM	2:45:00 PM	
		11	Person Trips		
		Pedestrian Peak	6:30:00 AM	7:30:00 AM	
		36			
	Peak / Daily Person Trip Rates per:		<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>
		Daily Peak Period	2.00	0.60	0.01
		Daily	5.61	1.68	0.02
D. Other	<i>Site Characteristics / Notes</i>	<i>Daily Mode Split</i>			
	Mode splits estimated using completed	<i>Modal Split</i>	<i>Number</i>	<i>%</i>	
		Total Private Vehicles	90	95.0%	
		Car (as driver)	90	89.1%	
		Car (as passenger)	6	5.9%	
		Total Alt Trans (PT and Active)	5	5.0%	
		On Foot	3	3.0%	
		Cycle	2	2.0%	
		Public Transport	0	0.0%	
Survey Undertaken		TDC	Survey Contact	Fred Stone	
Survey Undertaken		Fred Stone	fred@trafficdc.com.au		

Site 13 - Results Summary Sheet

Address 425 Bent Street, South Grafton

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Wednesday	9th Jun 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Grafton Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Clarence Valley Council			
	Street Address and Suburb	425 Bent Street, South Grafton			
	Survey Site General Location	Suburban			
	Nearest Major Road				
	Site Area (m ²)	Outer Rural			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	10am - 6pm			
	Driving Range Hours	0			
B. Parking	Parking Spaces Provided On-Site	60			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	5			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	5
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	9:45 AM	10:45 AM
			In (vph)	7	Total
			Out (vph)	12	19
		PM Peak Period	Time	12:45 PM	1:45 PM
			In (vph)	14	Total
			Out (vph)	7	21
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	144	
	Peak Vehicle Trip Rate per:	No. of Holes	Car Parking Space	100m ² Site Area	
		AM Peak Period	1.06	0.32	0.00
		PM Peak Period	1.17	0.35	0.00
		Daily	3.11	0.93	0.01
	Daily Persons Trips (IN)	Car Based	69	Total	69
		Other	0		
	Average number of Persons per hour	15			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		19			
	Persons Trips at Peak Hours	AM Vehicle Peak	9:45:00 AM	10:45:00 AM	
		14	Person Trips		
		PM Vehicle Peak	12:45:00 PM	1:45:00 PM	
		19	Person Trips		
		Pedestrian Peak	9:45:00 AM	10:45:00 AM	
		19			
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space	100m ² Site Area	
		Daily Peak Period	0.78	0.23	0.00
		Daily	3.94	1.18	0.01
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed customer	Modal Split	Number	%	
		Total Private Vehicles	56	97.2%	
		Car (as driver)	56	78.9%	
		Car (as passenger)	13	18.3%	
		Total Alt Trans (PT and Active)	2	2.8%	
		On Foot	1	1.4%	
		Cycle	1	1.4%	
		Public Transport	0	0.0%	
Survey Undertaken By	TDC	Survey Contact	Fred Stone		
Survey Undertaken By	Fred Stone	fred@trafficdc.com.au			

Site 14 - Results Summary Sheet

Address 40 King Street, Adamstown

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period	Saturday	19th Jun 2021	6:00:00 AM	19:00:00 PM	
Date and Time					
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Merewether Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Newcastle Council			
	Street Address and Suburb	40 King Street, Adamstown			
	Survey Site General Location	Suburban			
	Nearest Major Road				
	Site Area (m ²)	330,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	10am–9:30pm			
	Driving Range Hours	0			
B. Parking	Parking Spaces Provided On-Site	159			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	87
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	6:15 AM	7:15 AM
			In (vph)	51	Total
			Out (vph)	13	64
		PM Peak Period	Time	12:00 PM	1:00 PM
			In (vph)	9	Total
			Out (vph)	46	55
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	326	
	Peak Vehicle Trip Rate per:	No. of Holes	Car Parking Space	100m ² Site Area	
		AM Peak Period	3.56	0.40	0.02
		PM Peak Period	3.06	0.35	0.02
		Daily	8.00	0.91	0.04
	Daily Persons Trips (IN)	Car Based	163	Total	163
		Other	0		
	Average number of Persons per hour	25			
	Person Trips at Vehicle Peak Hour	Daily Peak	60		
	Persons Trips at Peak Hours	AM Vehicle Peak	6:15:00 AM	7:15:00 AM	
		60	Person Trips		
		PM Vehicle Peak	12:00:00 PM	1:00:00 PM	
		10	Person Trips		
		Pedestrian Peak	6:15:00 AM	7:15:00 AM	
		60			
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space	100m ² Site Area	
		Daily Peak Period	3.33	0.38	0.02
		Daily	9.67	1.09	0.05
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	144	93.7%	
		Car (as driver)	144	82.8%	
		Car (as passenger)	19	10.9%	
		Total Alt Trans (PT and Active)	11	6.3%	
		On Foot	9	5.2%	
		Cycle	2	1.1%	
		Public Transport	0	0.0%	
Survey	TDC	Survey Contact	Fred Stone		
Unapproved By	Fred Stone	fred@traffictdc.com.au			
Undertaken By					

Site 14 - Results Summary Sheet

Address 40 King Street, Adamstown

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Sunday	20th Jun 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Merewether Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Newcastle Council			
	Street Address and Suburb	40 King Street, Adamstown			
	Survey Site General Location	Suburban			
	Nearest Major Road				
	Site Area (m ²)	330,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	10am-6:30pm			
	Driving Range Hours	0			
B. Parking	Parking Spaces Provided On-Site	159			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	7
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	6:15 AM	7:15 AM
			In (vph)	16	Total
			Out (vph)	18	34
		PM Peak Period	Time	12:30 PM	1:30 PM
			In (vph)	6	Total
			Out (vph)	15	21
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	178	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	1.89	0.21	0.01
		PM Peak Period	1.17	0.13	0.01
		Daily	4.39	0.50	0.02
	Daily Persons Trips (IN)	Car Based	94	Total	94
		Other	0		
	Average number of Persons per hour	14			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		27			
	Persons Trips at Peak Hours	AM Vehicle Peak	6:15:00 AM	7:15:00 AM	
		27	Person Trips		
		PM Vehicle Peak	12:30:00 PM	1:30:00 PM	
		10	Person Trips		
		Pedestrian Peak	6:15:00 AM	7:15:00 AM	
		27			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	1.50	0.17	0.01
		Daily	5.33	0.60	0.03
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	79	97.9%	
		Car (as driver)	79	82.3%	
		Car (as passenger)	15	15.6%	
		Total Alt Trans (PT and Active)	2	2.1%	
		On Foot	2	2.1%	
		Cycle	0	0.0%	
		Public Transport	0	0.0%	
Survey		TDC	Survey Contact	Fred Stone	
Survey		Fred Stone	fred@trafficdc.com.au		

Site 14 - Results Summary Sheet

Address 40 King Street, Adamstown

Notes: Summary of survey results and preliminary analysis for site, as per TINSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Wednesday	23th Jun 2021	6:00:00 AM	19:00:00 PM	
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	<i>Activity Name</i>	Merewether Golf Club			
	<i>Land Use Description</i>	Golf Club			
	<i>Local Authority (Council)</i>	Newcastle Council			
	<i>Street Address and Suburb</i>	40 King Street, Adamstown			
	<i>Survey Site General Location</i>	Suburban			
	<i>Nearest Major Road</i>				
	<i>Site Area (m²)</i>	330,000			
	<i>Pedestrian Activity</i>	Low			
	<i>Public Transport Opportunities</i>	Low			
	<i>Approximate Café Seating Capacity</i>				
	<i>No. of Holes</i>	18			
	<i>Opening Hours</i>	10am–8:30pm			
	<i>Driving Range Hours</i>	0			

B. Parking	<i>Parking Spaces Provided On-Site</i>	159			
	<i>Other Parking Spaces (On-Street/Off-Site)</i>				
	<i>Staff Parking On-Site</i>	0			
	<i>Other Staff Parking (On-Street/Off-Site)</i>				
	<i>Peak Parking Demand</i>			Max occupied spaces	6
	<i>Peak Parking Demand During Survey</i>				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	<i>AM Peak Period</i>	<i>Time</i>	7:45 AM	8:45 AM
			<i>In (vph)</i>	58	Total
			<i>Out (vph)</i>	14	72
		<i>PM Peak Period</i>	<i>Time</i>	2:00 PM	3:00 PM
			<i>In (vph)</i>	14	Total
			<i>Out (vph)</i>	69	83
		<i>Daily</i>	<i>Time</i>	6:00 AM	7:00 PM
			<i>Total In + Out (Vpd)</i>	429	
	Peak Vehicle Trip Rate per:		<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>
		AM Peak Period	4.00	0.45	0.02
		PM Peak Period	4.61	0.52	0.03
		Daily	11.06	1.25	0.06
	Daily Persons Trips (IN)	Car Based	224	Total	224
		Other	0		
	Average number of Persons per hour	34			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		64			
	Persons Trips at Peak Hours	AM Vehicle Peak	7:45:00 AM	8:45:00 AM	
		64	Person Trips		
		PM Vehicle Peak	2:00:00 PM	3:00:00 PM	
		35	Person Trips		
		Pedestrian Peak	7:45:00 AM	8:45:00 AM	
		64			
	Peak / Daily Person Trip Rates per:		<i>No. of Holes</i>	<i>Car Parking Space</i>	<i>100m² Site Area</i>
		Daily Peak Period	3.56	0.40	0.02
		Daily	12.94	1.47	0.07

D. Other	<i>Site Characteristics / Notes</i>	<i>Daily Mode Split</i>			
	Mode splits estimated using completed	<i>Modal Split</i>	<i>Number</i>	<i>%</i>	
		Total Private Vehicles	199	96.1%	
		Car (as driver)	199	85.4%	
		Car (as passenger)	25	10.7%	
		Total Alt Trans (PT and Active)	9	3.9%	
		On Foot	8	3.4%	
		Cycle	1	0.4%	
		Public Transport	0	0.0%	
	Survey undertaken by	TDC	Survey Contact	Fred Stone	
	Survey undertaken by	Fred Stone	fred@trafficdc.com.au		
	(continued)				

Site 15 - Results Summary Sheet

Address 1A Barker Avenue, Hillsborough NSW 2290

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only
Survey Period Date and Time	Saturday				
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Charlestown Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Lake Macquarie City Council			
	Street Address and Suburb	1A Barker Avenue, Hillsborough NSW 2290			
	Survey Site General Location	Suburban			
	Nearest Major Road				
	Site Area (m ²)	500,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	6am - 7pm			
	Driving Range Hours	0			

B. Parking	Parking Spaces Provided On-Site	115			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	0
	Peak Parking Demand During Survey				

C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	6:45 AM	7:45 AM
			In (vph)	52	Total
			Out (vph)	3	55
		PM Peak Period	Time	12:15 PM	1:15 PM
			In (vph)	5	Total
			Out (vph)	48	53
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	336	
	Peak Vehicle Trip Rate per:		No. of Holes	Car Parking Space	100m ² Site Area
		AM Peak Period	3.06	0.48	0.01
		PM Peak Period	2.94	0.46	0.01
		Daily	9.06	1.42	0.03
	Daily Persons Trips (IN)	Car Based	0	Total	0
		Other	0		
	Average number of Persons per hour	0			
	Persons Trips at Vehicle Peak Hour	Daily Peak	0		
	Persons Trips at Peak Hours	AM Vehicle Peak	6:45:00 AM	7:45:00 AM	
		0	Person Trips		
		PM Vehicle Peak	12:15:00 PM	1:15:00 PM	
		0	Person Trips		
		Pedestrian Peak	6:45:00 AM	7:45:00 AM	
		0			
	Peak / Daily Person Trip Rates per:		No. of Holes	Car Parking Space	100m ² Site Area
		Daily Peak Period	0.00	0.00	0.00
		Daily	0.00	0.00	0.00

D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	163	-	
		Car (as driver)	163	-	
		Car (as passenger)	-163	-	
		Total Alt Trans (PT and Active)	0	-	
		On Foot	0	-	
		Cycle	0	-	
		Public Transport	-	-	
Survey Undertaken By (company):		TDC	Survey Contact	Fred Stone	
Survey Undertaken By (surveyor):		Fred Stone	fred@traffidc.com.au		

Site 15 - Results Summary Sheet

Address 1A Barker Avenue, Hillsborough NSW 2290

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Sunday				
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Charlestown Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Lake Macquarie City Council			
	Street Address and Suburb	1A Barker Avenue, Hillsborough NSW 2290			
	Survey Site General Location	Suburban			
	Nearest Major Road				
	Site Area (m ²)	500,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	6am - 6pm			
	Driving Range Hours	0			
B. Parking	Parking Spaces Provided On-Site	115			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	0
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	11:30 AM	12:30 PM
			In (vph)	5	Total
			Out (vph)	15	20
		PM Peak Period	Time	12:00 PM	1:00 PM
			In (vph)	3	Total
			Out (vph)	14	17
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	133	
	Peak Vehicle Trip Rate per:	No. of Holes	Car Parking Space	100m ² Site Area	
		AM Peak Period	1.11	0.17	0.00
		PM Peak Period	0.94	0.15	0.00
		Daily	3.67	0.57	0.01
	Daily Persons Trips (IN)	Car Based	0	Total	0
		Other	0		
	Average number of Persons per hour	0			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		0			
	Persons Trips at Peak Hours	AM Vehicle Peak	11:30:00 AM	12:30:00 PM	
		0	Person Trips		
		PM Vehicle Peak	12:00:00 PM	1:00:00 PM	
		0	Person Trips		
		Pedestrian Peak	11:30:00 AM	12:30:00 PM	
		0			
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space	100m ² Site Area	
		Daily Peak Period	0.00	0.00	0.00
		Daily	0.00	0.00	0.00
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	66	-	
		Car (as driver)	66	-	
		Car (as passenger)	-66	-	
		Total Alt Trans (PT and Active)	0	-	
		On Foot	0	-	
		Cycle	0	-	
		Public Transport	0	0.0%	
Survey Undertaken By		TDC	Survey Contact	Fred Stone	
Survey Undertaken By		Fred Stone	fred@traffidc.com.au		

Site 15 - Results Summary Sheet

Address 1A Barker Avenue, Hillsborough NSW 2290

Notes: Summary of survey results and preliminary analysis for site, as per TfNSW template.



Survey for:	Transport for NSW				Office Ref Only:
Survey Period Date and Time	Wednesday				
	Extended Data Collection?	NO	Includes Manual Survey?	YES	
A. Site Data	Activity Name	Charlestown Golf Club			
	Land Use Description	Golf Club			
	Local Authority (Council)	Lake Macquarie City Council			
	Street Address and Suburb	1A Barker Avenue, Hillsborough NSW 2290			
	Survey Site General Location	Suburban			
	Nearest Major Road				
	Site Area (m ²)	500,000			
	Pedestrian Activity	Low			
	Public Transport Opportunities	Low			
	Approximate Café Seating Capacity				
	No. of Holes	18			
	Opening Hours	10am - 8pm			
	Driving Range Hours	0			
B. Parking	Parking Spaces Provided On-Site	115			
	Other Parking Spaces (On-Street/Off-Site)				
	Staff Parking On-Site	0			
	Other Staff Parking (On-Street/Off-Site)				
	Peak Parking Demand			Max occupied spaces	0
	Peak Parking Demand During Survey				
C. Trip Generation	Site Surveyed Arrival / Departure Flow	AM Peak Period	Time	7:15 AM	8:15 AM
			In (vph)	47	Total
			Out (vph)	3	50
		PM Peak Period	Time	1:45 PM	2:45 PM
			In (vph)	17	Total
			Out (vph)	55	72
		Daily	Time	6:00 AM	7:00 PM
			Total In + Out (Vpd)	378	
	Peak Vehicle Trip Rate per:	No. of Holes	Car Parking Space	100m ² Site Area	
		AM Peak Period	2.78	0.43	0.01
		PM Peak Period	4.00	0.63	0.01
		Daily	10.33	1.62	0.04
	Daily Persons Trips (IN)	Car Based	0	Total	0
		Other	0		
	Average number of Persons per hour	0			
	Person Trips at Vehicle Peak Hour	Daily Peak			
		0			
	Persons Trips at Peak Hours	AM Vehicle Peak	7:15:00 AM	8:15:00 AM	
		0	Person Trips		
		PM Vehicle Peak	1:45:00 PM	2:45:00 PM	
		0	Person Trips		
		Pedestrian Peak	7:15:00 AM	8:15:00 AM	
		0			
	Peak / Daily Person Trip Rates per:	No. of Holes	Car Parking Space	100m ² Site Area	
		Daily Peak Period	0.00	0.00	0.00
		Daily	0.00	0.00	0.00
D. Other	Site Characteristics / Notes	Daily Mode Split			
	Mode splits estimated using completed	Modal Split	Number	%	
		Total Private Vehicles	186	-	
		Car (as driver)	186	-	
		Car (as passenger)	-186	-	
		Total Alt Trans (PT and Active)	0	-	
		On Foot	0	-	
		Cycle	0	-	
		Public Transport	-	-	
Survey		TDC	Survey Contact	Fred Stone	
Survey		Fred Stone	fred@trafficdc.com.au		

Appendix B: Raw Traffic Data

Golf Course Site Information	
Site Location	Cammeray Golf Course, Cremorne
Year Opened	
Other Uses Operating On Site	
Driving Range? (y/n) Operating Times	
Café / Restaurant Floor Area (GFA) (m2)	
Café / Restaurant seating capacity	
Function Room Floor Area	
Total undercover parking bays (if any)	
Parking spaces reserved for members or staff only	
Weekday Opening Hours	
Saturday Opening Hours	
Sunday Opening Hours	
Busiest Day	
Regular Competition Days	
Standard Interval Between Tee-off Times	
Cart Hire? (y/n)	
Traffic Surveyor Comments (eg. Local issues?, Roadworks?, Closed Areas?, Disability Access?, etc)	

Site Map



Site Location	Cammeray Golf Course, Cremorne
Survey Date	15th, 16th & 19th May 2021
Survey Period	6:00am to 7:00pm



Occupancy - Saturday 15th May 2021

Parking Occupancy				
6:00am	2	occupied spaces		
10:00am	44	occupied spaces		
7:00pm	11	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	1,1,1,1	0	0	0
6:15 AM	1,1,1,1,1,1,1,1	0	0	0
6:30 AM	1,1,1,2	0	0	1
6:45 AM	1,1,1,1,1,1,1,1,2,1	1	0	0
7:00 AM	1,1	0	0	0
7:15 AM	2,1,1,1,1	0	0	0
7:30 AM	1,1,1	0	0	0
7:45 AM	1,3,3,1,2	0	0	0
8:00 AM	1,2,1,2,4,1	1	0	2
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	2,3,2	0	0	0
9:00 AM	2,1,1,1	0	0	0
9:15 AM	0	0	0	1,1,1
9:30 AM	1	0	0	3
9:45 AM	1,1,1	0	0	0
10:00 AM	1,1,2,1,1,1	0	0	0
10:15 AM	2,1,1,1	1	0	0
10:30 AM	1,1,1,3,1,1,1,2,2	0	0	0
10:45 AM	1	0	0	0
11:00 AM	0	0	0	1
11:15 AM	1	0	0	1,1,2
11:30 AM	2,2,1	0	0	1,1
11:45 AM	1,1	0	0	0
12:00 PM	1	0	0	0
12:15 PM	1,2,3,2,1,2,1	0	0	0
12:30 PM	2,3,1,2	0	0	0
12:45 PM	1,1,1	0	0	0
1:00 PM	2,2	0	0	0
1:15 PM	2,3,2,1	0	0	0
1:30 PM	2,3,1,1,1	1	0	0
1:45 PM	1,1,1,1	0	0	0
2:00 PM	2,1,1,1,1,1	0	0	0
2:15 PM	1,2,1,3	0	0	1
2:30 PM	1,1,1,2,1,1	1	0	0
2:45 PM	1,1,1,2	0	0	0
3:00 PM	2,1,1	0	0	0
3:15 PM	1,1	0	0	0
3:30 PM	1,2	0	0	0
3:45 PM	1	0	0	0
4:00 PM	1	0	1	0
4:15 PM	1	0	0	0
4:30 PM	4,1	0	0	2,2
4:45 PM	0	0	0	0
5:00 PM	1,1	0	0	0
5:15 PM	1	0	0	0
5:30 PM	1,1	0	0	0
5:45 PM	2	0	0	0
6:00 PM	1,1	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Traffic & Occupancy - Sunday 16th May 2021

Parking Occupancy				
6:00am	11	occupied spaces		
10:00am	33	occupied spaces		
7:00pm	3	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	2,2	0	0	0
6:15 AM	1,1,1,1,1,1,1,1,1	0	0	0
6:30 AM	1,1,1,2,1	0	0	0
6:45 AM	1,2,1,1,1,1	0	0	0
7:00 AM	1,2,1	0	0	0
7:15 AM	3,2	0	0	0
7:30 AM	2	0	0	1
7:45 AM	2,1	0	0	0
8:00 AM	0	0	0	1
8:15 AM	4,2	0	0	0
8:30 AM	1,2,1,1,1,1,1,1	0	0	1
8:45 AM	2,1,3,1,2,2	0	0	0
9:00 AM	3,1,1,1,1,1,1,1	0	0	0
9:15 AM	1,1,1,2,2	0	0	1
9:30 AM	3,1,3,1	0	1	1
9:45 AM	1	0	0	0
10:00 AM	1	0	0	1
10:15 AM	1	0	0	0
10:30 AM	0	0	0	0
10:45 AM	2,1,4	0	0	0
11:00 AM	1	0	0	0
11:15 AM	1,1	0	0	0
11:30 AM	0	0	0	0
11:45 AM	2,1,1	0	0	0
12:00 PM	1	0	0	0
12:15 PM	1,1	0	0	0
12:30 PM	3	0	0	0
12:45 PM	1,1,2	0	1	0
1:00 PM	2,1,1	0	0	1,1
1:15 PM	1,2,1,2,1,1	0	0	0
1:30 PM	1,2,2	0	0	0
1:45 PM	1,1,1	0	2,2,1	0
2:00 PM	1,1,1,2,2,3,2,2,2,1,1	0	0	0
2:15 PM	1,1,1,2	0	0	0
2:30 PM	3,1,2,1,1	0	0	0
2:45 PM	2,2,1,3,1,1,2	0	0	1
3:00 PM	1,2,2,2,2,2	0	0	1,2,3,2
3:15 PM	3,1,2,1	0	0	0
3:30 PM	1,1,2,1	0	0	0
3:45 PM	2	0	0	0
4:00 PM	0	0	0	0
4:15 PM	2,2	0	0	0
4:30 PM	0	0	0	0
4:45 PM	1,1	0	0	0
5:00 PM	1	0	0	0
5:15 PM	1	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Traffic & Occupancy - Wednesday 19th May 2021

Parking Occupancy				
6:00am	1	occupied spaces		
10:00am	39	occupied spaces		
7:00pm	9	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	0	0	0	0
6:15 AM	1	0	0	0
6:30 AM	1	0	0	0
6:45 AM	1,1,1,1,1	0	0	0
7:00 AM	1	2	0	0
7:15 AM	2,1,1,1	0	0	0
7:30 AM	1,1	0	0	0
7:45 AM	1,1,1,1	1	0	0
8:00 AM	1,1	1	1	0
8:15 AM	1,1	0	0	0
8:30 AM	0	0	0	0
8:45 AM	1,1	0	0	0
9:00 AM	1,1,1,1,1,1	0	0	0
9:15 AM	1,1,1,1	0	0	0
9:30 AM	2,1,1,1,1	0	0	0
9:45 AM	1,1,1,1,1,1,1,1	0	0	0
10:00 AM	1,1,1	0	0	0
10:15 AM	1,1,1	0	0	0
10:30 AM	1,1,1,1,1	0	0	0
10:45 AM	1	0	0	0
11:00 AM	1,1,1	0	0	0
11:15 AM	1	0	0	0
11:30 AM	2	0	0	0
11:45 AM	1	0	0	0
12:00 PM	1,1	0	0	0
12:15 PM	1	0	0	0
12:30 PM	1,1,1,1,1	0	0	1
12:45 PM	1,1,1,1,1,1,1	0	0	0
1:00 PM	0	0	0	0
1:15 PM	2	0	0	0
1:30 PM	0	0	0	0
1:45 PM	1	0	0	1
2:00 PM	1,1	0	0	0
2:15 PM	1,1,1	0	0	0
2:30 PM	1,1,1	0	0	0
2:45 PM	1,1,1,1	0	0	0
3:00 PM	1,2,2	0	0	0
3:15 PM	1,1,4	0	0	0
3:30 PM	1,1,1,2,2,1,1,1	0	1	0
3:45 PM	1,4,1	0	0	0
4:00 PM	1,2,2	1	0	0
4:15 PM	1	0	0	0
4:30 PM	1,1,1,1,1	0	0	0
4:45 PM	1,1,2,1,2,1,2,1	0	0	0
5:00 PM	1,1,3,1	0	0	0
5:15 PM	1	0	0	0
5:30 PM	1	0	0	0
5:45 PM	3	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	1,1	0	0	0
6:45 PM	1,1,1,1	0	0	0

Parked onsite but walked to tennis courts (included in above counts)

6:15 AM	1
7:45 AM	3,3
8:00 AM	1,4
8:45 AM	3,2
9:00 AM	2,1,1
10:30 AM	3,1,2,2
11:15 AM	1
12:30 PM	3
1:15 AM	2
2:45 AM	1
4:30 PM	4
5:15 PM	1
5:30 PM	1,1
5:45 PM	2
6:00 PM	1,1

8:15 AM	2
8:30 AM	2,1,1
9:00 AM	3
9:30 AM	3,3
10:45 AM	4
2:15 PM	2

7:00 AM	2
8:00 AM	1
11:00 AM	1,1
2:45 PM	1,1
3:15 PM	4
3:45 PM	4,1
4:00 PM	1,2
4:45 PM	2,2
5:00 PM	3
5:45 PM	3
6:30 PM	1,1
6:45 PM	1,1,1,1

Site Location	Cammeray Golf Course, Cremorne
Survey Date	15th, 16th & 19th May 2021
Survey Period	6:00am to 7:00pm



Thursday 15th May 2021


Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	6	6	0	0
6:15 AM	9	9	0	0
6:30 AM	4	5	0	1
6:45 AM	12	13	0	0
7:00 AM	2	2	0	0
7:15 AM	5	6	0	0
7:30 AM	3	3	0	0
7:45 AM	5	10	0	0
8:00 AM	7	12	0	2
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	3	7	0	0
9:00 AM	4	5	0	0
9:15 AM	0	0	0	3
9:30 AM	1	1	0	3
9:45 AM	3	3	0	0
10:00 AM	6	7	0	0
10:15 AM	5	6	0	0
10:30 AM	9	13	0	0
10:45 AM	1	1	0	0
11:00 AM	0	0	0	1
11:15 AM	1	1	0	4
11:30 AM	3	5	0	2
11:45 AM	2	2	0	0
12:00 PM	1	1	0	0
12:15 PM	7	12	0	0
12:30 PM	4	8	0	0
12:45 PM	3	3	0	0
1:00 PM	2	4	0	0
1:15 PM	4	8	0	0
1:30 PM	6	9	0	0
1:45 PM	4	4	0	0
2:00 PM	6	7	0	0
2:15 PM	4	7	0	1
2:30 PM	7	8	0	0
2:45 PM	4	5	0	0
3:00 PM	3	4	0	0
3:15 PM	2	2	0	0
3:30 PM	2	3	0	0
3:45 PM	1	1	0	0
4:00 PM	1	1	1	0
4:15 PM	1	1	0	0
4:30 PM	2	5	0	4
4:45 PM	0	0	0	0
5:00 PM	2	2	0	0
5:15 PM	1	1	0	0
5:30 PM	2	2	0	0
5:45 PM	1	2	0	0
6:00 PM	2	2	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	163	219	1	21


Sunday 16th May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	2	4	0	0
6:15 AM	9	9	0	0
6:30 AM	5	6	0	0
6:45 AM	6	7	0	0
7:00 AM	3	4	0	0
7:15 AM	2	5	0	0
7:30 AM	1	2	0	0
7:45 AM	2	3	0	0
8:00 AM	0	0	0	0
8:15 AM	2	6	0	0
8:30 AM	8	9	0	0
8:45 AM	6	11	0	0
9:00 AM	8	10	0	0
9:15 AM	5	7	0	0
9:30 AM	4	8	1	0
9:45 AM	1	1	0	0
10:00 AM	1	1	0	0
10:15 AM	1	1	0	0
10:30 AM	0	0	0	0
10:45 AM	3	7	0	0
11:00 AM	1	1	0	0
11:15 AM	2	2	0	0
11:30 AM	0	0	0	0
11:45 AM	3	4	0	0
12:00 PM	1	1	0	0
12:15 PM	2	2	0	0
12:30 PM	1	3	0	0
12:45 PM	3	4	1	0
1:00 PM	3	4	0	0
1:15 PM	6	8	0	0
1:30 PM	3	5	0	0
1:45 PM	3	3	5	0
2:00 PM	12	20	0	0
2:15 PM	4	5	0	0
2:30 PM	5	8	0	0
2:45 PM	7	12	0	0
3:00 PM	6	11	0	0
3:15 PM	4	7	0	0
3:30 PM	4	5	0	0
3:45 PM	1	2	0	0
4:00 PM	0	0	0	0
4:15 PM	2	4	0	0
4:30 PM	0	0	0	0
4:45 PM	2	2	0	0
5:00 PM	1	1	0	0
5:15 PM	1	1	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	146	216	7	0

Wednesday 19th May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	1	1	0	0
6:30 AM	1	1	0	0
6:45 AM	5	5	0	0
7:00 AM	2	3	0	0
7:15 AM	4	5	0	0
7:30 AM	2	2	0	0
7:45 AM	5	5	0	0
8:00 AM	3	3	1	0
8:15 AM	2	2	0	0
8:30 AM	0	0	0	0
8:45 AM	2	2	0	0
9:00 AM	6	6	0	0
9:15 AM	4	4	0	0
9:30 AM	5	6	0	0
9:45 AM	8	8	0	0
10:00 AM	3	3	0	0
10:15 AM	3	3	0	0
10:30 AM	5	5	0	0
10:45 AM	1	1	0	0
11:00 AM	3	3	0	0
11:15 AM	1	1	0	0
11:30 AM	1	2	0	0
11:45 AM	1	1	0	0
12:00 PM	2	2	0	0
12:15 PM	1	1	0	0
12:30 PM	5	5	0	0
12:45 PM	7	7	0	0
1:00 PM	0	0	0	0
1:15 PM	1	2	0	0
1:30 PM	0	0	0	0
1:45 PM	1	1	0	0
2:00 PM	2	2	0	0
2:15 PM	3	3	0	0
2:30 PM	3	3	0	0
2:45 PM	4	4	0	0
3:00 PM	3	5	0	0
3:15 PM	3	6	0	0
3:30 PM	8	9	1	0
3:45 PM	3	6	0	0
4:00 PM	4	6	0	0
4:15 PM	1	1	0	0
4:30 PM	5	5	0	0
4:45 PM	8	11	0	0
5:00 PM	4	6	0	0
5:15 PM	1	1	0	0
5:30 PM	1	1	0	0
5:45 PM	1	3	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	2	2	0	0
6:45 PM	4	4	0	0
13 Hr Total	145	168	2	0

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:- Cammeray Golf Club				
Survey Day and Date:- Saturday 15th May 2021				
Survey Period:- 8am-10am				
Surveyors Name:- Minh				
Interview Number	Please answer the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	2064	VD	ON	G
2	2060	VD	ON	G
3	2060	VD	ON	G
4	2062	W		G
5	2090	VD	ON	G
6	2089	W		WATCH GOLF
7	2088	VD	ON	G
8	2000	VD	ON	G
9	2060	VD	ON	G
10	2086	bus/train		W
11	2089	VD	ON	G
12	2068	VD	ON	G
13	2088	VD	ON	G
14	2071	VP	ON	G
15	2071	VD	ON	G
16	2062	VD	ON	G

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:- Cammeray Golf Club				
Survey Day and Date:- Sunday 16th May 2021				
Survey Period:- 8am-10am				
Surveyors Name:- Minh				
Interview Number	Please answer the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	2088	VD	ON	G
2	2089	W		G
3	2031	VD	ON	G
4	2111	VD	ON	G
5	2024	VD	ON	G
6	2089	W		G
7	2090	VD	OFF	G
8	2028	VD	ON	G
9	2028	VD	ON	G
10	2089	VP	ON	G
11	2085	VD	ON	G
12	2060	VD	ON	G
13	2062	VD	ON	G
14	2088	VD	ON	G
15	2088	VD	ON	G
16	2088	VP	ON	G
17	2065	VD	ON	G
18	2085	W		G/W
19	2066	VD	ON	G
20	2090	VD	ON	G

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		Hammeray Golf Club		
Survey Day and Date:-		Wednesday 19th May 2021		
Survey Period:-		8am-10am		
Surveyors Name:-		Minh		
Interview Number	Please to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, cafe, bar or function room (F), to work (W), or other (please specify).
1	2060	VD	ON	G
2	2060	VP	ON	G
3	2088	VD	ON	G
4	2062	VD	ON	G
5	2065	VD	ON	G
6	2068	VD	ON	G
7	2071	VD	ON	G
8	2090	VD	ON	G
9	2066	VD	ON	G
10	2089	VD	ON	G
11	2029	VD	ON	G
12	2028	VD	ON	G
13	2089	W		G
14	2064	VD	ON	G
15	2065	VD	ON	G
16	2085	W		G/W
17	2088	VD	ON	G

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

Site Location	Cammeray Golf Club		
Survey Date	15th - 21st May 2021		
Survey Period	6:00am to 7:00pm		



#####						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	4	0	0	0	
6:15 AM	6:30 AM	9	0	0	0	
6:30 AM	6:45 AM	3	0	0	0	
6:45 AM	7:00 AM	9	0	2	0	27
7:00 AM	7:15 AM	4	0	1	0	28
7:15 AM	7:30 AM	4	0	1	0	24
7:30 AM	7:45 AM	4	0	1	0	26
7:45 AM	8:00 AM	5	0	3	0	23
8:00 AM	8:15 AM	6	0	0	0	24
8:15 AM	8:30 AM	0	0	3	0	22
8:30 AM	8:45 AM	0	0	1	0	18
8:45 AM	9:00 AM	2	0	2	0	14
9:00 AM	9:15 AM	3	0	1	0	12
9:15 AM	9:30 AM	0	0	0	0	9
9:30 AM	9:45 AM	1	0	1	0	10
9:45 AM	10:00 AM	3	0	3	0	12
10:00 AM	10:15 AM	6	0	2	0	16
10:15 AM	10:30 AM	4	0	1	0	21
10:30 AM	10:45 AM	11	0	4	0	34
10:45 AM	11:00 AM	1	0	1	0	30
11:00 AM	11:15 AM	0	0	6	0	28
11:15 AM	11:30 AM	1	0	5	0	29
11:30 AM	11:45 AM	3	0	5	0	22
11:45 AM	12:00 PM	3	0	3	0	26
12:00 PM	12:15 PM	2	0	0	0	22
12:15 PM	12:30 PM	7	0	8	0	31
12:30 PM	12:45 PM	4	0	3	0	30
12:45 PM	1:00 PM	3	0	6	0	33
1:00 PM	1:15 PM	2	0	4	1	38
1:15 PM	1:30 PM	4	0	5	0	32
1:30 PM	1:45 PM	6	0	3	0	34
1:45 PM	2:00 PM	7	0	2	0	34
2:00 PM	2:15 PM	4	0	1	0	32
2:15 PM	2:30 PM	4	0	4	0	31
2:30 PM	2:45 PM	8	0	5	0	35
2:45 PM	3:00 PM	5	0	2	1	34
3:00 PM	3:15 PM	3	0	1	0	33
3:15 PM	3:30 PM	2	0	6	0	33
3:30 PM	3:45 PM	2	0	1	0	23
3:45 PM	4:00 PM	1	0	3	0	19
4:00 PM	4:15 PM	2	0	4	0	21
4:15 PM	4:30 PM	1	0	6	0	20
4:30 PM	4:45 PM	3	0	5	0	25
4:45 PM	5:00 PM	1	0	10	0	32
5:00 PM	5:15 PM	2	0	10	0	38
5:15 PM	5:30 PM	0	0	10	0	41
5:30 PM	5:45 PM	3	0	4	0	40
5:45 PM	6:00 PM	1	0	0	0	30
6:00 PM	6:15 PM	2	0	1	0	21
6:15 PM	6:30 PM	0	0	1	0	12
6:30 PM	6:45 PM	0	0	0	0	5
6:45 PM	7:00 PM	0	0	0	0	4
Peak Period - AM		24	0	10	0	34
Peak Period - PM		6	0	35	0	41
Total		165	0	151	2	318

Sunday, 16 May 2021						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	3	0	0	0	
6:15 AM	6:30 AM	8	0	0	0	
6:30 AM	6:45 AM	5	0	1	0	
6:45 AM	7:00 AM	6	0	2	0	25
7:00 AM	7:15 AM	3	0	0	0	25
7:15 AM	7:30 AM	2	0	1	0	20
7:30 AM	7:45 AM	1	0	1	0	16
7:45 AM	8:00 AM	2	0	1	0	11
8:00 AM	8:15 AM	2	0	4	0	14
8:15 AM	8:30 AM	2	0	1	0	14
8:30 AM	8:45 AM	7	0	5	0	24
8:45 AM	9:00 AM	8	1	3	0	33
9:00 AM	9:15 AM	9	0	2	0	38
9:15 AM	9:30 AM	9	0	10	1	55
9:30 AM	9:45 AM	5	0	6	0	54
9:45 AM	10:00 AM	2	0	3	0	47
10:00 AM	10:15 AM	2	0	7	0	45
10:15 AM	10:30 AM	1	0	5	0	31
10:30 AM	10:45 AM	0	0	2	0	22
10:45 AM	11:00 AM	3	0	1	0	21
11:00 AM	11:15 AM	1	0	0	0	13
11:15 AM	11:30 AM	2	0	1	0	10
11:30 AM	11:45 AM	1	0	3	0	12
11:45 AM	12:00 PM	2	0	2	0	12
12:00 PM	12:15 PM	4	0	1	0	16
12:15 PM	12:30 PM	2	0	2	0	17
12:30 PM	12:45 PM	5	0	2	0	20
12:45 PM	1:00 PM	4	0	0	0	20
1:00 PM	1:15 PM	6	0	4	1	26
1:15 PM	1:30 PM	5	0	7	0	34
1:30 PM	1:45 PM	4	0	0	0	31
1:45 PM	2:00 PM	3	0	5	0	35
2:00 PM	2:15 PM	13	0	5	0	42
2:15 PM	2:30 PM	4	0	5	0	39
2:30 PM	2:45 PM	5	0	3	0	43
2:45 PM	3:00 PM	8	0	6	0	49
3:00 PM	3:15 PM	7	0	9	0	47
3:15 PM	3:30 PM	4	0	17	0	59
3:30 PM	3:45 PM	4	0	7	1	63
3:45 PM	4:00 PM	1	0	7	0	57
4:00 PM	4:15 PM	0	0	1	0	42
4:15 PM	4:30 PM	2	0	4	0	27
4:30 PM	4:45 PM	0	0	3	0	18
4:45 PM	5:00 PM	2	0	2	0	14
5:00 PM	5:15 PM	1	0	7	0	21
5:15 PM	5:30 PM	0	0	2	1	18
5:30 PM	5:45 PM	1	0	13	1	30
5:45 PM	6:00 PM	1	0	0	0	27
6:00 PM	6:15 PM	1	0	2	0	22
6:15 PM	6:30 PM	1	0	1	0	21
6:30 PM	6:45 PM	0	0	0	0	6
6:45 PM	7:00 PM	0	0	0	0	5
Peak Period - AM		33	1	20	1	55
Peak Period - PM		23	0	39	1	63
Total		174	1	176	5	356

Monday, 17 May 2021						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	3	0	0	0	
6:15 AM	6:30 AM	1	0	0	0	
6:30 AM	6:45 AM	1	0	1	0	
6:45 AM	7:00 AM	2	0	1	0	9
7:00 AM	7:15 AM	3	0	0	0	9
7:15 AM	7:30 AM	6	0	0	0	14
7:30 AM	7:45 AM	1	0	0	0	13
7:45 AM	8:00 AM	4	0	0	0	14
8:00 AM	8:15 AM	1	0	3	0	15
8:15 AM	8:30 AM	3	0	0	0	12
8:30 AM	8:45 AM	6	0	1	0	18
8:45 AM	9:00 AM	1	0	7	0	22
9:00 AM	9:15 AM	2	0	2	1	23
9:15 AM	9:30 AM	5	0	1	0	26
9:30 AM	9:45 AM	4	0	1	0	24
9:45 AM	10:00 AM	1	0	2	0	19
10:00 AM	10:15 AM	1	0	2	0	17
10:15 AM	10:30 AM	2	1	4	0	18
10:30 AM	10:45 AM	2	0	4	0	19
10:45 AM	11:00 AM	4	0	3	0	23
11:00 AM	11:15 AM	1	0	2	0	23
11:15 AM	11:30 AM	2	0	1	0	19
11:30 AM	11:45 AM	2	0	3	0	18
11:45 AM	12:00 PM	7	0	2	0	20
12:00 PM	12:15 PM	5	0	1	0	23
12:15 PM	12:30 PM	6	0	0	0	26
12:30 PM	12:45 PM	6	0	1	0	28
12:45 PM	1:00 PM	5	0	7	0	31
1:00 PM	1:15 PM	6	0	7	0	38
1:15 PM	1:30 PM	2	0	2	0	36
1:30 PM	1:45 PM	6	0	1	0	36
1:45 PM	2:00 PM	2	1	2	0	29
2:00 PM	2:15 PM	3	0	4	0	23
2:15 PM	2:30 PM	1	0	6	1	27
2:30 PM	2:45 PM	2	1	6	0	29
2:45 PM	3:00 PM	1	0	6	0	31
3:00 PM	3:15 PM	2	0	2	1	29
3:15 PM	3:30 PM	1	0	1	0	23
3:30 PM	3:45 PM	4	0	3	0	21
3:45 PM	4:00 PM	9	0	7	0	30
4:00 PM	4:15 PM	3	0	9	0	37
4:15 PM	4:30 PM	1	0	0	0	36
4:30 PM	4:45 PM	3	0	2	0	34
4:45 PM	5:00 PM	6	0	5	0	29
5:00 PM	5:15 PM	8	1	15	1	42
5:15 PM	5:30 PM	3	0	11	0	55
5:30 PM	5:45 PM	2	0	2	1	55
5:45 PM	6:00 PM	3	0	1	0	48
6:00 PM	6:15 PM	2	0	7	0	32
6:15 PM	6:30 PM	0	0	0	0	18
6:30 PM	6:45 PM	0	0	0	0	13
6:45 PM	7:00 PM	3	0	0	0	12
Peak Period - AM		14	0	11	1	26
Peak Period - PM		19	1	33	2	55
Total		160	4	148	5	317

#####						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	2	0	0	0	
6:15 AM	6:30 AM	3	0	0	0	
6:30 AM	6:45 AM	6	0	0	0	
6:45 AM	7:00 AM	1	0	2	1	15
7:00 AM	7:15 AM	3	0	1	0	17
7:15 AM	7:30 AM	5	0	2	0	21
7:30 AM	7:45 AM	2	0	1	0	18
7:45 AM	8:00 AM	4	0	1	0	19
8:00 AM	8:15 AM	6	0	0	0	21
8:15 AM	8:30 AM	11	0	2	0	27
8:30 AM	8:45 AM	2	0	1	0	27
8:45 AM	9:00 AM	6	0	3	0	31
9:00 AM	9:15 AM	8	0	2	1	36
9:15 AM	9:30 AM	5	0	0	0	28
9:30 AM	9:45 AM	1	0	2	0	28
9:45 AM	10:00 AM	1	0	1	0	21
10:00 AM	10:15 AM	1	0	4	0	15
10:15 AM	10:30 AM	1	0	1	1	13
10:30 AM	10:45 AM	2	0	2	0	14
10:45 AM	11:00 AM	1	0	1	0	14
11:00 AM	11:15 AM	0	0	1	0	10
11:15 AM	11:30 AM	1	1	0	1	10
11:30 AM	11:45 AM	2	0	4	0	12
11:45 AM	12:00 PM	5	0	5	0	20
12:00 PM	12:15 PM	6	0	5	0	30
12:15 PM	12:30 PM	6	0	5	0	38
12:30 PM	12:45 PM	2	0	5	0	39
12:45 PM	1:00 PM	2	0	3	0	34
1:00 PM	1:15 PM	9	0	3	0	35
1:15 PM	1:30 PM	1	0	2	0	27
1:30 PM	1:45 PM	2	0	2	0	24
1:45 PM	2:00 PM	4	0	10	0	33
2:00 PM	2:15 PM	3	0	6	0	30
2:15 PM	2:30 PM	3	1	1	1	33
2:30 PM	2:45 PM	3	0	5	1	38
2:45 PM	3:00 PM	2	0	3	0	29
3:00 PM	3:15 PM	2	0	5	0	27
3:15 PM	3:30 PM	3	0	3	0	27
3:30 PM	3:45 PM	3	0	8	0	29
3:45 PM	4:00 PM	5	0	3	0	32
4:00 PM	4:15 PM	2	0	4	0	31
4:15 PM	4:30 PM	3	0	5	0	33
4:30 PM	4:45 PM	4	0	4	0	30
4:45 PM	5:00 PM	5	0	4	1	32
5:00 PM	5:15 PM	4	0	17	0	47
5:15 PM	5:30 PM	0	0	3	0	42
5:30 PM	5:45 PM	2	0	3	0	39
5:45 PM	6:00 PM	8	0	2	0	39
6:00 PM	6:15 PM	4	0	8	0	30
6:15 PM	6:30 PM	0	0	1	0	28
6:30 PM	6:45 PM	3	0	0	0	26
6:45 PM	7:00 PM	6	0	1	0	23
Peak Period - AM		27	0	8	1	36
Peak Period - PM		16	0	30	1	47
Total		176	2	157	7	342

#####						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	2	0	2	0	
6:15 AM	6:30 AM	0	1	0	0	
6:30 AM	6:45 AM	1	0	0	0	
6:45 AM	7:00 AM	5	0	0	0	11
7:00 AM	7:15 AM	3	0	1	0	11
7:15 AM	7:30 AM	4	0	0	0	14
7:30 AM	7:45 AM	2	0	2	0	17
7:45 AM	8:00 AM	5	0	0	0	17
8:00 AM	8:15 AM	5	0	4	0	22
8:15 AM	8:30 AM	2	0	2	0	22
8:30 AM	8:45 AM	0	0	2	0	20
8:45 AM	9:00 AM	1	0	1	0	17
9:00 AM	9:15 AM	7	0	0	0	15
9:15 AM	9:30 AM	4	0	0	0	15
9:30 AM	9:45 AM	6	0	2	0	21
9:45 AM	10:00 AM	8	0	1	0	28
10:00 AM	10:15 AM	6	0	7	0	34
10:15 AM	10:30 AM	3	0	3	0	36
10:30 AM	10:45 AM	3	0	1	0	32
10:45 AM	11:00 AM	3	0	2	0	28
11:00 AM	11:15 AM	4	0	5	0	24
11:15 AM	11:30 AM	1	0	2	0	21
11:30 AM	11:45 AM	0	0	4	0	21
11:45 AM	12:00 PM	2	0	1	0	19
12:00 PM	12:15 PM	2	0	3	0	15
12:15 PM	12:30 PM	1	0	1	0	14
12:30 PM	12:45 PM	5	0	2	0	17
12:45 PM	1:00 PM	7	0	2	0	23
1:00 PM	1:15 PM	0	0	1	0	19
1:15 PM	1:30 PM	1	0	0	0	18
1:30 PM	1:45 PM	0	0	4	0	15
1:45 PM	2:00 PM	0	0	0	0	6
2:00 PM	2:15 PM	2	0	0	0	7
2:15 PM	2:30 PM	3	0	1	0	10
2:30 PM	2:45 PM	3	0	4	1	14
2:45 PM	3:00 PM	4	0	3	0	21
3:00 PM	3:15 PM	3	0	2	0	24
3:15 PM	3:30 PM	4	0	3	0	27
3:30 PM	3:45 PM	8	0	6	0	33
3:45 PM	4:00 PM	4	0	8	0	38
4:00 PM	4:15 PM	3	1	3	1	41
4:15 PM	4:30 PM	2	0	5	0	41
4:30 PM	4:45 PM	4	0	5	0	36
4:45 PM	5:00 PM	9	0	13	0	46
5:00 PM	5:15 PM	4	0	13	0	55
5:15 PM	5:30 PM	1	0	3	0	52
5:30 PM	5:45 PM	6	0	7	0	56
5:45 PM	6:00 PM	3	0	7	0	44
6:00 PM	6:15 PM	1	0	13	0	41
6:15 PM	6:30 PM	0	0	0	0	37
6:30 PM	6:45 PM	2	0	2	0	28
6:45 PM	7:00 PM	5	0	1	0	24
Peak Period - AM		23	0	13	0	36
Peak Period - PM		20	0	36	0	56
Total		164	2	154	2	322

#####						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	3	0	0	0	
6:15 AM	6:30 AM	1	1	0	0	
6:30 AM	6:45 AM	7	0	1	0	
6:45 AM	7:00 AM	5	0	2	0	20
7:00 AM	7:15 AM	3	0	1	0	21
7:15 AM	7:30 AM	3	0	0	0	22
7:30 AM	7:45 AM	3	0	2	0	19
7:45 AM	8:00 AM	0	0	3	1	16
8:00 AM	8:15 AM	2	0	0	0	14
8:15 AM	8:30 AM	3	0	3	1	18
8:30 AM	8:45 AM	6	0	6	0	25
8:45 AM	9:00 AM	5	0	2	0	28
9:00 AM	9:15 AM	6	0	2	0	34
9:15 AM	9:30 AM	8	0	0	0	35
9:30 AM	9:45 AM	1	0	3	0	27
9:45 AM	10:00 AM	7	0	0	0	27
10:00 AM	10:15 AM	8	0	3	0	30
10:15 AM	10:30 AM	3	0	3	0	28
10:30 AM	10:45 AM	3	0	4	0	31
10:45 AM	11:00 AM	4	0	2	0	30
11:00 AM	11:15 AM	3	0	0	0	22
11:15 AM	11:30 AM	1	0	6	0	23
11:30 AM	11:45 AM	4	0	7	0	27
11:45 AM	12:00 PM	0	0	9	0	30
12:00 PM	12:15 PM	4	0	4	0	35
12:15 PM	12:30 PM	3	0	1	0	32
12:30 PM	12:45 PM	7	0	2	0	30
12:45 PM	1:00 PM	0	0	3	1	25
1:00 PM	1:15 PM	4	0	9	0	30
1:15 PM	1:30 PM	5	0	2	0	33
1:30 PM	1:45 PM	1	0	0	0	25
1:45 PM	2:00 PM	5	0	3	0	29
2:00 PM	2:15 PM	4	0	5	0	25
2:15 PM	2:30 PM	2	0	0	0	20
2:30 PM	2:45 PM	3	0	1	0	23
2:45 PM	3:00 PM	2	0	6	0	23
3:00 PM	3:15 PM	4	1	4	0	23
3:15 PM	3:30 PM	5	0	3	0	29
3:30 PM	3:45 PM	2	0	4	0	31
3:45 PM	4:00 PM	8	0	3	0	34
4:00 PM	4:15 PM	6	0	7	0	38
4:15 PM	4:30 PM	3	0	2	0	35
4:30 PM	4:45 PM	1	0	2	0	32
4:45 PM	5:00 PM	9	0	9	0	39
5:00 PM	5:15 PM	4	0	15	1	46
5:15 PM	5:30 PM	6	0	8	0	55
5:30 PM	5:45 PM	1	0	9	0	62
5:45 PM	6:00 PM	4	0	0	0	48
6:00 PM	6:15 PM	5	0	13	0	46
6:15 PM	6:30 PM	1	0	0	0	33
6:30 PM	6:45 PM	3	0	2	0	28
6:45 PM	7:00 PM	1	0	0	0	25
Peak Period - AM		25	0	10	0	35
Peak Period - PM		20	0	41	1	62
Total		192	2	176	4	374

#####						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	1	0	0	0	
6:15 AM	6:30 AM	5	0	0	0	
6:30 AM	6:45 AM	7	0	1	0	
6:45 AM	7:00 AM	4	0	0	0	18
7:00 AM	7:15 AM	8	0	0	0	25
7:15 AM	7:30 AM	1	0	0	0	21
7:30 AM	7:45 AM	2	0	1	0	16
7:45 AM	8:00 AM	3	0	1	0	16
8:00 AM	8:15 AM	8	0	0	0	16
8:15 AM	8:30 AM	6	0	3	0	24
8:30 AM	8:45 AM	3	0	3	0	27
8:45 AM	9:00 AM	2	0	10	0	35
9:00 AM	9:15 AM	2	0	5	0	34
9:15 AM	9:30 AM	1	0	2	0	28
9:30 AM	9:45 AM	1	0	3	0	26
9:45 AM	10:00 AM	3	0	1	0	18
10:00 AM	10:15 AM	10	0	2	0	23
10:15 AM	10:30 AM	0	0	1	0	21
10:30 AM	10:45 AM	5	0	4	0	26
10:45 AM	11:00 AM	6	0	2	0	30
11:00 AM	11:15 AM	3	0	1	0	22
11:15 AM	11:30 AM	5	0	4	0	30
11:30 AM	11:45 AM	1	0	8	0	30
11:45 AM	12:00 PM	2	0	7	0	31
12:00 PM	12:15 PM	1	0	6	0	34
12:15 PM	12:30 PM	4	0	13	0	42
12:30 PM	12:45 PM	1	0	3	0	37
12:45 PM	1:00 PM	2	0	0	0	30
1:00 PM	1:15 PM	1	0	1	0	25
1:15 PM	1:30 PM	0	0	0	0	8
1:30 PM	1:45 PM	2	0	4	0	10
1:45 PM	2:00 PM	1	0	1	0	10
2:00 PM	2:15 PM	4	0	2	0	14
2:15 PM	2:30 PM	5	0	1	0	20
2:30 PM	2:45 PM	0	0	1	0	15
2:45 PM	3:00 PM	2	0	1	0	16
3:00 PM	3:15 PM	2	0	0	0	12
3:15 PM	3:30 PM	2	0	1	0	9
3:30 PM	3:45 PM	5	0	6	0	19
3:45 PM	4:00 PM	2	0	8	0	26
4:00 PM	4:15 PM	5	0	5	0	34
4:15 PM	4:30 PM	3	0	2	0	36
4:30 PM	4:45 PM	3	0	2	0	30
4:45 PM	5:00 PM	8	0	4	0	32
5:00 PM	5:15 PM	10	0	18	1	51
5:15 PM	5:30 PM	1	0	5	0	52
5:30 PM	5:45 PM	4	0	4	0	55
5:45 PM	6:00 PM	1	0	3	0	47
6:00 PM	6:15 PM	0	0	1	0	19
6:15 PM	6:30 PM	0	0	1	0	14
6:30 PM	6:45 PM	0	0	2	0	8
6:45 PM	7:00 PM	0	0	0	0	4
Peak Period - AM		19	0	16	0	35
Peak Period - PM		23	0	31	1	55
Total		158	0	154	1	313

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

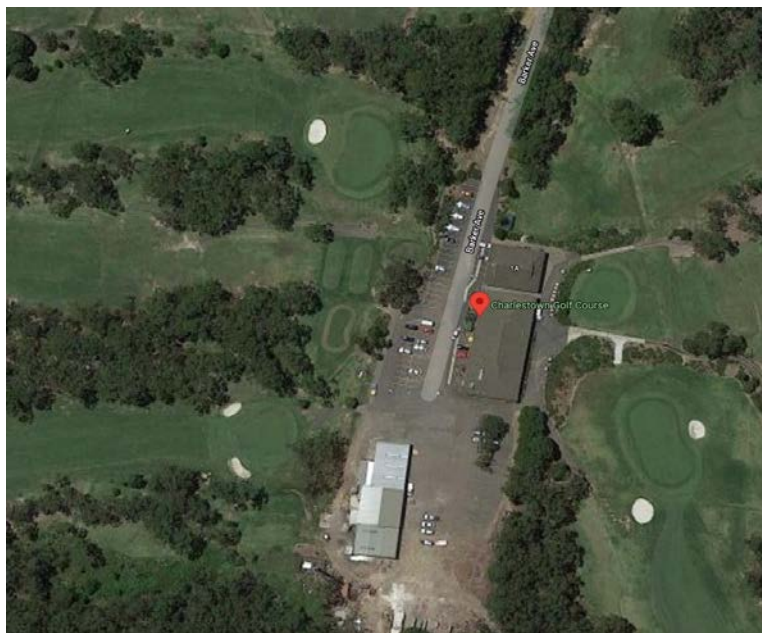
15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM					
6:15 AM	6:30 AM					
6:30 AM	6:45 AM					
6:45 AM	7:00 AM					0
7:00 AM	7:15 AM					0
7:15 AM	7:30 AM					0
7:30 AM	7:45 AM					0
7:45 AM	8:00 AM					0
8:00 AM	8:15 AM					0
8:15 AM	8:30 AM					0
8:30 AM	8:45 AM					0
8:45 AM	9:00 AM					0
9:00 AM	9:15 AM					0
9:15 AM	9:30 AM					0
9:30 AM	9:45 AM					0
9:45 AM	10:00 AM					0
10:00 AM	10:15 AM					0
10:15 AM	10:30 AM					0
10:30 AM	10:45 AM					0
10:45 AM	11:00 AM					0
11:00 AM	11:15 AM					0
11:15 AM	11:30 AM					0
11:30 AM	11:45 AM					0
11:45 AM	12:00 PM					0
12:00 PM	12:15 PM					0
12:15 PM	12:30 PM					0
12:30 PM	12:45 PM					0
12:45 PM	1:00 PM					0
1:00 PM	1:15 PM					0
1:15 PM	1:30 PM					0
1:30 PM	1:45 PM					0
1:45 PM	2:00 PM					0
2:00 PM	2:15 PM					0
2:15 PM	2:30 PM					0

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
2:30 PM	2:45 PM					0
2:45 PM	3:00 PM					0
3:00 PM	3:15 PM					0
3:15 PM	3:30 PM					0
3:30 PM	3:45 PM					0
3:45 PM	4:00 PM					0
4:00 PM	4:15 PM					0
4:15 PM	4:30 PM					0
4:30 PM	4:45 PM					0
4:45 PM	5:00 PM					0
5:00 PM	5:15 PM					0
5:15 PM	5:30 PM					0
5:30 PM	5:45 PM					0
5:45 PM	6:00 PM					0
6:00 PM	6:15 PM					0
6:15 PM	6:30 PM					0
6:30 PM	6:45 PM					0
6:45 PM	7:00 PM					0
Peak Period - AM		0	0	0	0	0
Peak Period - PM		0	0	0	0	0
Total		0	0	0	0	0

Golf Course Site Information	
Site Location	Charlestown Golf Club
Year Opened	
Other Uses Operating On Site	
Driving Range? (y/n) Operating Times	
Café / Restaurant Floor Area (GFA) (m2)	
Café / Restaurant seating capacity	
Function Room Floor Area	
Total undercover parking bays (if any)	
Parking spaces reserved for members or staff only	
Weekday Opening Hours	
Saturday Opening Hours	
Sunday Opening Hours	
Busiest Day	
Regular Competition Days	
Standard Interval Between Tee-off Times	
Cart Hire? (y/n)	
Traffic Surveyor Comments (eg. Local issues?, Roadworks?, Closed Areas?, Disability Access?, etc)	

Site Map



Site Location	Charlestown Golf Club
Survey Date	26th, 27th & 30th June 2021
Survey Period	6:00am to 7:00pm



Occupancy - Saturday 26th June 2021					Traffic & Occupancy - Sunday 27th June 2021					Traffic & Occupancy - Wednesday 30th June 2021				
Parking Occupancy					Parking Occupancy					Parking Occupancy				
6:00am				occupied spaces	6:00am				occupied spaces	6:00am				occupied spaces
10:00am				occupied spaces	10:00am				occupied spaces	10:00am				occupied spaces
7:00pm				occupied spaces	7:00pm				occupied spaces	7:00pm				occupied spaces
Time (15-min band)	Car	Truck	Bicycle	Ped	Time (15-min band)	Car	Truck	Bicycle	Ped	Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM					6:00 AM					6:00 AM				
6:15 AM					6:15 AM					6:15 AM				
6:30 AM					6:30 AM					6:30 AM				
6:45 AM					6:45 AM					6:45 AM				
7:00 AM					7:00 AM					7:00 AM				
7:15 AM					7:15 AM					7:15 AM				
7:30 AM					7:30 AM					7:30 AM				
7:45 AM					7:45 AM					7:45 AM				
8:00 AM					8:00 AM					8:00 AM				
8:15 AM					8:15 AM					8:15 AM				
8:30 AM					8:30 AM					8:30 AM				
8:45 AM					8:45 AM					8:45 AM				
9:00 AM					9:00 AM					9:00 AM				
9:15 AM					9:15 AM					9:15 AM				
9:30 AM					9:30 AM					9:30 AM				
9:45 AM					9:45 AM					9:45 AM				
10:00 AM					10:00 AM					10:00 AM				
10:15 AM					10:15 AM					10:15 AM				
10:30 AM					10:30 AM					10:30 AM				
10:45 AM					10:45 AM					10:45 AM				
11:00 AM					11:00 AM					11:00 AM				
11:15 AM					11:15 AM					11:15 AM				
11:30 AM					11:30 AM					11:30 AM				
11:45 AM					11:45 AM					11:45 AM				
12:00 PM					12:00 PM					12:00 PM				
12:15 PM					12:15 PM					12:15 PM				
12:30 PM					12:30 PM					12:30 PM				
12:45 PM					12:45 PM					12:45 PM				
1:00 PM					1:00 PM					1:00 PM				
1:15 PM					1:15 PM					1:15 PM				
1:30 PM					1:30 PM					1:30 PM				
1:45 PM					1:45 PM					1:45 PM				
2:00 PM					2:00 PM					2:00 PM				
2:15 PM					2:15 PM					2:15 PM				
2:30 PM					2:30 PM					2:30 PM				
2:45 PM					2:45 PM					2:45 PM				
3:00 PM					3:00 PM					3:00 PM				
3:15 PM					3:15 PM					3:15 PM				
3:30 PM					3:30 PM					3:30 PM				
3:45 PM					3:45 PM					3:45 PM				
4:00 PM					4:00 PM					4:00 PM				
4:15 PM					4:15 PM					4:15 PM				
4:30 PM					4:30 PM					4:30 PM				
4:45 PM					4:45 PM					4:45 PM				
5:00 PM					5:00 PM					5:00 PM				
5:15 PM					5:15 PM					5:15 PM				
5:30 PM					5:30 PM					5:30 PM				
5:45 PM					5:45 PM					5:45 PM				
6:00 PM					6:00 PM					6:00 PM				
6:15 PM					6:15 PM					6:15 PM				
6:30 PM					6:30 PM					6:30 PM				
6:45 PM					6:45 PM					6:45 PM				

Site Location	Charlestown Golf Club
Survey Date	26th, 27th & 30th June 2021
Survey Period	6:00am to 7:00pm



tuesday 26th June 2021

Start Time	Entering Vehicle		Cyclists		Pedestrians
	Vehicles	Occupants	Entering	Entering	
6:00 AM					
6:15 AM					
6:30 AM					
6:45 AM					
7:00 AM					
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7:30 AM					
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5:00 PM					
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5:30 PM					
5:45 PM					
6:00 PM					
6:15 PM					
6:30 PM					
6:45 PM					
13 Hr Total	0	0	0	0	

Sunday 27th June 2021


Start Time	Entering Vehicle		Cyclists		Pedestrians
	Vehicles	Occupants	Entering	Entering	
6:00 AM					
6:15 AM					
6:30 AM					
6:45 AM					
7:00 AM					
7:15 AM					
7:30 AM					
7:45 AM					
8:00 AM					
8:15 AM					
8:30 AM					
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5:00 PM					
5:15 PM					
5:30 PM					
5:45 PM					
6:00 PM					
6:15 PM					
6:30 PM					
6:45 PM					
13 Hr Total	0	0	0	0	

Wednesday 30th June 2021


Start Time	Entering Vehicle		Cyclists		Pedestrians
	Vehicles	Occupants	Entering	Entering	
6:00 AM					
6:15 AM					
6:30 AM					
6:45 AM					
7:00 AM					
7:15 AM					
7:30 AM					
7:45 AM					
8:00 AM					
8:15 AM					
8:30 AM					
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5:30 PM					
5:45 PM					
6:00 PM					
6:15 PM					
6:30 PM					
6:45 PM					
13 Hr Total	0	0	0	0	

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-				
Survey Day and Date:-				
Survey Period:-				
Surveyors Name:-				
Interview Number	Please answer the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1				
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48				
49				

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-				
Survey Day and Date:-				
Survey Period:-				
Surveyors Name:-				
Interview Number	e to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
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40				

GOLF COURSE TRIP GENERATION SURVEY

Site Location:-				
Survey Day and Date:-				
Survey Period:-				
Surveyors Name:-				
Interview Number	e to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1				
2				
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38				

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM					
6:15 AM	6:30 AM					
6:30 AM	6:45 AM					
6:45 AM	7:00 AM					0
7:00 AM	7:15 AM					0
7:15 AM	7:30 AM					0
7:30 AM	7:45 AM					0
7:45 AM	8:00 AM					0
8:00 AM	8:15 AM					0
8:15 AM	8:30 AM					0
8:30 AM	8:45 AM					0
8:45 AM	9:00 AM					0
9:00 AM	9:15 AM					0
9:15 AM	9:30 AM					0
9:30 AM	9:45 AM					0
9:45 AM	10:00 AM					0
10:00 AM	10:15 AM					0
10:15 AM	10:30 AM					0
10:30 AM	10:45 AM					0
10:45 AM	11:00 AM					0
11:00 AM	11:15 AM					0
11:15 AM	11:30 AM					0
11:30 AM	11:45 AM					0
11:45 AM	12:00 PM					0
12:00 PM	12:15 PM					0
12:15 PM	12:30 PM					0
12:30 PM	12:45 PM					0
12:45 PM	1:00 PM					0
1:00 PM	1:15 PM					0
1:15 PM	1:30 PM					0
1:30 PM	1:45 PM					0
1:45 PM	2:00 PM					0
2:00 PM	2:15 PM					0
2:15 PM	2:30 PM					0

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
2:30 PM	2:45 PM					0
2:45 PM	3:00 PM					0
3:00 PM	3:15 PM					0
3:15 PM	3:30 PM					0
3:30 PM	3:45 PM					0
3:45 PM	4:00 PM					0
4:00 PM	4:15 PM					0
4:15 PM	4:30 PM					0
4:30 PM	4:45 PM					0
4:45 PM	5:00 PM					0
5:00 PM	5:15 PM					0
5:15 PM	5:30 PM					0
5:30 PM	5:45 PM					0
5:45 PM	6:00 PM					0
6:00 PM	6:15 PM					0
6:15 PM	6:30 PM					0
6:30 PM	6:45 PM					0
6:45 PM	7:00 PM					0
Peak Period - AM		0	0	0	0	0
Peak Period - PM		0	0	0	0	0
Total		0	0	0	0	0

Golf Course Site Information	
Site Location	Concord Golf Club
Year Opened	
Other Uses Operating On Site	
Driving Range? (y/n) Operating Times	
Café / Restaurant Floor Area (GFA) (m2)	
Café / Restaurant seating capacity	
Function Room Floor Area	
Total undercover parking bays (if any)	
Parking spaces reserved for members or staff only	
Weekday Opening Hours	
Saturday Opening Hours	
Sunday Opening Hours	
Busiest Day	
Regular Competition Days	
Standard Interval Between Tee-off Times	
Cart Hire? (y/n)	
Traffic Surveyor Comments (eg. Local issues?, Roadworks?, Closed Areas?, Disability Access?, etc)	

Site Map





6:45 PM	0	0	0	0
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Site Location	Concord Golf Club
Survey Date	19th, 20th & 23rd June 2021
Survey Period	6:00am to 7:00pm



tuesday 19th June 2021


Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	12	12	0	0
6:45 AM	14	14	0	1
7:00 AM	18	18	0	0
7:15 AM	13	14	0	2
7:30 AM	17	20	0	0
7:45 AM	12	14	0	0
8:00 AM	10	13	0	0
8:15 AM	12	15	0	0
8:30 AM	6	6	0	0
8:45 AM	4	6	0	0
9:00 AM	0	0	0	0
9:15 AM	1	1	0	0
9:30 AM	1	1	0	0
9:45 AM	3	4	0	0
10:00 AM	7	8	0	0
10:15 AM	10	13	0	0
10:30 AM	7	8	0	0
10:45 AM	10	11	0	0
11:00 AM	7	9	0	0
11:15 AM	7	9	0	1
11:30 AM	9	12	1	0
11:45 AM	6	6	0	0
12:00 PM	10	14	0	1
12:15 PM	8	11	0	0
12:30 PM	5	6	0	0
12:45 PM	4	4	0	0
1:00 PM	6	8	0	0
1:15 PM	6	8	0	0
1:30 PM	2	3	0	0
1:45 PM	5	6	0	0
2:00 PM	3	4	0	0
2:15 PM	2	2	0	0
2:30 PM	3	3	0	0
2:45 PM	7	9	0	0
3:00 PM	3	3	0	0
3:15 PM	1	1	0	0
3:30 PM	2	2	0	0
3:45 PM	3	5	0	0
4:00 PM	2	2	0	0
4:15 PM	2	3	0	0
4:30 PM	3	3	0	0
4:45 PM	3	3	0	0
5:00 PM	2	2	0	0
5:15 PM	0	0	0	0
5:30 PM	1	1	0	0
5:45 PM	2	2	0	0
6:00 PM	2	4	0	0
6:15 PM	3	3	0	0
6:30 PM	2	3	0	0
6:45 PM	4	8	0	0
13 Hr Total	282	337	1	5

Sunday 20th June 2021


Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	5	5	0	1
6:45 AM	6	7	0	0
7:00 AM	9	11	0	0
7:15 AM	11	15	0	0
7:30 AM	6	8	0	0
7:45 AM	8	9	0	0
8:00 AM	8	9	0	1
8:15 AM	6	7	0	0
8:30 AM	1	1	0	0
8:45 AM	3	3	0	0
9:00 AM	2	3	0	0
9:15 AM	1	1	0	0
9:30 AM	2	3	0	1
9:45 AM	3	5	0	0
10:00 AM	3	3	0	0
10:15 AM	2	2	0	0
10:30 AM	5	6	0	0
10:45 AM	7	9	0	0
11:00 AM	7	9	0	0
11:15 AM	7	9	0	1
11:30 AM	6	7	0	0
11:45 AM	11	18	0	0
12:00 PM	8	13	0	1
12:15 PM	8	12	0	0
12:30 PM	3	5	0	0
12:45 PM	7	15	0	0
1:00 PM	2	3	0	0
1:15 PM	6	10	0	0
1:30 PM	0	0	0	0
1:45 PM	1	1	0	0
2:00 PM	0	0	0	0
2:15 PM	4	6	0	0
2:30 PM	3	4	0	0
2:45 PM	4	4	0	0
3:00 PM	2	3	0	0
3:15 PM	3	3	0	0
3:30 PM	1	1	0	2
3:45 PM	2	2	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	1	2	0	1
4:45 PM	0	0	0	0
5:00 PM	3	4	0	0
5:15 PM	0	0	0	0
5:30 PM	1	1	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	178	239	0	8

Wednesday 23rd June 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	1	1	0	0
6:15 AM	0	0	0	0
6:30 AM	12	14	0	0
6:45 AM	14	17	0	0
7:00 AM	16	19	0	0
7:15 AM	14	17	0	0
7:30 AM	18	23	0	0
7:45 AM	12	16	0	1
8:00 AM	10	13	0	1
8:15 AM	13	16	0	0
8:30 AM	7	8	0	0
8:45 AM	8	10	0	0
9:00 AM	3	3	0	0
9:15 AM	0	0	0	0
9:30 AM	3	3	0	0
9:45 AM	3	3	0	0
10:00 AM	9	9	0	0
10:15 AM	9	10	0	0
10:30 AM	11	12	0	0
10:45 AM	17	19	0	0
11:00 AM	15	15	0	0
11:15 AM	16	18	0	0
11:30 AM	11	12	0	0
11:45 AM	11	14	0	0
12:00 PM	5	6	0	2
12:15 PM	5	8	0	0
12:30 PM	1	1	0	0
12:45 PM	1	2	0	0
1:00 PM	3	4	0	0
1:15 PM	1	1	0	0
1:30 PM	1	1	0	0
1:45 PM	2	2	0	0
2:00 PM	1	1	0	0
2:15 PM	1	1	0	0
2:30 PM	5	7	0	0
2:45 PM	8	9	0	0
3:00 PM	1	1	0	0
3:15 PM	4	5	0	0
3:30 PM	3	6	0	1
3:45 PM	3	4	0	0
4:00 PM	1	1	0	0
4:15 PM	2	2	0	0
4:30 PM	2	2	0	1
4:45 PM	1	1	0	0
5:00 PM	1	1	0	0
5:15 PM	5	6	0	0
5:30 PM	6	6	0	0
5:45 PM	5	7	0	0
6:00 PM	3	4	0	0
6:15 PM	1	1	0	0
6:30 PM	1	2	0	0
6:45 PM	0	0	0	0
13 Hr Total	306	364	0	6


GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		Concord Golf Club		
Survey Day and Date:-		Friday 19th June 2021		
Survey Period:-		8:00am - 10:00am		
Surveyors Name:-		Concord Golf Club		
Interview Number	Please answer the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	2076	VD	ON	G
2	2137	VD	ON	G
3	2039	VD	ON	G
4	2134	VD	ON	G
5	2000	VD	ON	G
6	2137	Walk	ON	G
7	2137	Walk	ON	G
8	2135	VD	ON	G
9	2138	VD	ON	G
10	2759	VD	ON	G
11	2195	VD	ON	G
12	3195	Uber	ON	G
13	2047	VD	ON	G
14	2121	VD	ON	G
15	2131	VD	ON	G
16	2112	VD	ON	G
17	2137	VD	ON	G
18	2137	VD	ON	G
19	2206	VD	ON	G
20	2131	VD	ON	G
21	2206	VD	ON	G
22	2061	VD	ON	G
23	2046	VD	ON	G
24	2121	VD	ON	G
25	2121	VD	ON	G
26	2137	VD	ON	G
27	2121	VD	ON	G
28	2110	VD	ON	G
29	2125	VD	ON	G
30	2039	VD	ON	G
31	2041	VD	ON	G
32	2021	VD	ON	G
33	20145	VD	ON	G
34	2138	VD	ON	G
35	2137	VD	ON	G
36	2209	VD	ON	G
37	2132	VD	ON	G
38	2137	VD	ON	G
39	2041	VD	ON	G
40	2023	VD	ON	G
41	2041	VD	ON	G
42	2113	VD	ON	G
43	2113	VD	ON	G
44	2112	VD	ON	G
45	2040	VD	ON	G
46	2047	VD	ON	G
47	2135	VD	ON	G
48	2129	VD	ON	G
49	2110	VD	ON	G
50	2041	VD	ON	G
51	2111	VD	ON	G
52	2114	VD	ON	G
53	2126	VD	ON	G
54	2046	VD	ON	G
55	2038	VD	ON	G
56	2049	VD	ON	G
57	2137	VD	ON	G
58	2135	VD	ON	G
59	2110	VD	ON	G
60		VD	ON	L
61	2137	VD	ON	L

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		Concord Golf Club		
Survey Day and Date:-		Friday 19th June 2021		
Survey Period:-		8:00am - 10:00am		
Surveyors Name:-		Concord Golf Club		
Interview Number	Please answer the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	246	VD	ON	G
2	2076	VD	ON	G
3	2114	VD	ON	G
4	2138	VD	ON	G
5	2041	VD	ON	G
6	2000	VD	ON	G
7	2127	VD	ON	G
8	2047	VD	ON	G
9	2023	VD	ON	G
10	2038	VD	ON	G
11	2038	VP	ON	G
12	2089	VD	ON	G
13	2137	VD	ON	G
14	2046	VD	ON	G
15	2135	VD	ON	G
16	2131	VD	ON	G
17	2131	VP	ON	G
18	2107	VD	ON	G
19	2137	VD	ON	G
20	2127	VD	ON	G
21	2061	VD	ON	G
22	2135	VD	ON	G
23	2782	VD	ON	G
24	2112	VD	ON	G
25	2162	VD	ON	G
26	2127	VD	ON	G
27	2118	VD	ON	G
28	2125	VD	ON	G
29	2209	VD	ON	G
30	2132	VD	ON	G
31	2132	VD	ON	G
32	2137	VD	ON	G
33	2061	VD	ON	G
34	2041	VD	ON	G
35	2046	VD	ON	G
36	2138	VD	ON	G
37	2009	VD	ON	G
38	2134	VD	ON	G
39	2047	VD	ON	G
40	2135	VD	ON	G
41	2135	VP	ON	G
42	2076	VD	ON	G
43	2175	VD	ON	G
44	2045	VD	ON	G
45	2144	VD	ON	G
46	2114	VD	ON	G
47	2137	VD	ON	G
48	2760	VD	ON	G
49	2138	VD	ON	G
50	2038	VD	ON	G
51	2046	VD	ON	G
52	2138	VD	ON	G
53	2025	VD	ON	G
54	2131	VD	ON	G
55	2111	VD	ON	G
56	2137	VD	ON	G
57	2135	VD	ON	G
58	2041	VD	ON	G
59	2000	VD	ON	G
60	2009	VD	ON	G
61	2071	VD	ON	G
61	2137	VD	ON	G

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

GOLF COURSE TRIP GENERATION SURVEY

Site Location:-		Concord Golf Club		
Survey Day and Date:-		Wednesday 23rd June 2021		
Survey Period:-		8:00am - 10:00am		
Surveyors Name:-		Concord Golf Club		
Interview Number	Please answer the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	2110	VD	ON	G
2	2076	VD	ON	G
3	2110	VD	ON	G
4	2137	VD	ON	G
5	2039	VD	ON	G
6	2066	VD	ON	G
7	2206	VD	ON	G
8	2041	VD	ON	G
9	2046	VD	ON	G
10	2046	VD	ON	G
11	2046	VD	ON	G
12	2046	VP	ON	G
13	2135	VD	ON	G
14	2110	VD	ON	G
15	2023	VD	ON	G
16	2137	VD	ON	G
17	2112	VD	ON	G
18	2046	VD	ON	G
19	2047	VD	ON	G
20	2137	VD	ON	G
21	2110	VD	ON	G
22	2121	VD	ON	G
23	2037	VD	ON	G
24	2131	VD	ON	G
25	2137	VD	ON	G
26	2129	VD	ON	G
27	2137	VD	ON	G
28	2038	VD	ON	G
29	2137	VD	ON	G
30	2061	VD	ON	G
31	2121	VD	ON	G
32	2121	VP	ON	G
33	2137	VD	ON	G
34	2137	VD	ON	G
35	2121	VD	ON	G
36	2046	VD	ON	G
37	2125	VD	ON	G
38	2061	VD	ON	G
39	2039	VD	ON	G
40	2199	VD	ON	G
41	2137	VD	ON	G
42	2137	VD	ON	G
43	2111	VD	ON	G
44	2137	VD	ON	G
45	2041	VD	ON	G
46	2117	VD	ON	G
47	2047	VD	ON	G
48	2047	VD	ON	G
49	2110	VD	ON	G
50	2137	VD	ON	G
51	2110	VD	ON	G
52	2041	VD	ON	G
53	2110	VD	ON	G
54	2110	VD	ON	G
55	2071	VD	ON	G
56	2132	VD	ON	G
57	2137	VD	ON	G
58	2046	VD	ON	G
59	2038	VD	ON	G
60	2137	VD	ON	G
61	2223	VD	ON	G
62	2137	VD	ON	G
63	2135	VD	ON	G
64	2046	VD	ON	G

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM					
6:15 AM	6:30 AM					
6:30 AM	6:45 AM					
6:45 AM	7:00 AM					0
7:00 AM	7:15 AM					0
7:15 AM	7:30 AM					0
7:30 AM	7:45 AM					0
7:45 AM	8:00 AM					0
8:00 AM	8:15 AM					0
8:15 AM	8:30 AM					0
8:30 AM	8:45 AM					0
8:45 AM	9:00 AM					0
9:00 AM	9:15 AM					0
9:15 AM	9:30 AM					0
9:30 AM	9:45 AM					0
9:45 AM	10:00 AM					0
10:00 AM	10:15 AM					0
10:15 AM	10:30 AM					0
10:30 AM	10:45 AM					0
10:45 AM	11:00 AM					0
11:00 AM	11:15 AM					0
11:15 AM	11:30 AM					0
11:30 AM	11:45 AM					0
11:45 AM	12:00 PM					0
12:00 PM	12:15 PM					0
12:15 PM	12:30 PM					0
12:30 PM	12:45 PM					0
12:45 PM	1:00 PM					0
1:00 PM	1:15 PM					0
1:15 PM	1:30 PM					0
1:30 PM	1:45 PM					0
1:45 PM	2:00 PM					0
2:00 PM	2:15 PM					0
2:15 PM	2:30 PM					0

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
2:30 PM	2:45 PM					0
2:45 PM	3:00 PM					0
3:00 PM	3:15 PM					0
3:15 PM	3:30 PM					0
3:30 PM	3:45 PM					0
3:45 PM	4:00 PM					0
4:00 PM	4:15 PM					0
4:15 PM	4:30 PM					0
4:30 PM	4:45 PM					0
4:45 PM	5:00 PM					0
5:00 PM	5:15 PM					0
5:15 PM	5:30 PM					0
5:30 PM	5:45 PM					0
5:45 PM	6:00 PM					0
6:00 PM	6:15 PM					0
6:15 PM	6:30 PM					0
6:30 PM	6:45 PM					0
6:45 PM	7:00 PM					0
Peak Period - AM		0	0	0	0	0
Peak Period - PM		0	0	0	0	0
Total		0	0	0	0	0

Golf Course Site Information	
Site Location	Coolangatta Tweed Heads Golf Course
Year Opened	
Other Uses Operating On Site	
Driving Range? (y/n) Operating Times	
Café / Restaurant Floor Area (GFA) (m2)	
Café / Restaurant seating capacity	
Function Room Floor Area	
Total undercover parking bays (if any)	
Parking spaces reserved for members or staff only	
Weekday Opening Hours	
Saturday Opening Hours	
Sunday Opening Hours	
Busiest Day	
Regular Competition Days	
Standard Interval Between Tee-off Times	
Cart Hire? (y/n)	
Traffic Surveyor Comments (eg. Local issues?, Roadworks?, Closed Areas?, Disability Access?, etc)	

Site Map



Site Location	Coolangatta Tweed Heads Golf Club
Survey Date	5th, 8th & 9th May 2021
Survey Period	6:00am to 7:00pm



Wednesday 5th May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants	Entering	Entering
6:00 AM	10	11	0	0
6:15 AM	20	21	0	2
6:30 AM	17	17	1	0
6:45 AM	18	20	0	0
7:00 AM	16	17	0	0
7:15 AM	16	16	0	0
7:30 AM	12	14	0	0
7:45 AM	8	9	0	2
8:00 AM	5	7	0	0
8:15 AM	8	9	0	0
8:30 AM	11	12	0	0
8:45 AM	10	10	0	0
9:00 AM	8	8	0	0
9:15 AM	10	10	0	0
9:30 AM	9	10	0	0
9:45 AM	14	16	0	0
10:00 AM	21	22	0	0
10:15 AM	18	22	0	0
10:30 AM	6	6	0	0
10:45 AM	8	9	0	0
11:00 AM	7	8	0	0
11:15 AM	7	8	0	0
11:30 AM	2	3	0	0
11:45 AM	4	4	0	0
12:00 PM	2	2	0	0
12:15 PM	1	1	0	0
12:30 PM	5	6	0	0
12:45 PM	2	2	0	0
1:00 PM	3	4	0	0
1:15 PM	2	2	0	0
1:30 PM	0	0	0	0
1:45 PM	2	2	0	0
2:00 PM	3	3	1	0
2:15 PM	2	4	0	0
2:30 PM	5	5	0	0
2:45 PM	2	2	0	2
3:00 PM	4	5	0	0
3:15 PM	2	2	0	0
3:30 PM	0	0	0	0
3:45 PM	3	4	0	0
4:00 PM	2	2	0	0
4:15 PM	0	0	0	0
4:30 PM	2	4	0	0
4:45 PM	1	1	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	1	2	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	309	342	2	6

Saturday 8th May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants	Entering	Entering
6:00 AM	20	21	0	0
6:15 AM	24	28	0	0
6:30 AM	20	22	0	0
6:45 AM	23	23	0	0
7:00 AM	17	22	0	0
7:15 AM	25	26	0	0
7:30 AM	23	27	0	0
7:45 AM	5	8	0	2
8:00 AM	7	10	0	0
8:15 AM	9	9	0	1
8:30 AM	10	11	0	2
8:45 AM	12	18	0	0
9:00 AM	13	15	0	0
9:15 AM	11	12	0	0
9:30 AM	14	14	0	0
9:45 AM	12	15	0	0
10:00 AM	23	30	0	0
10:15 AM	20	24	0	0
10:30 AM	16	17	0	0
10:45 AM	21	26	0	0
11:00 AM	18	22	0	0
11:15 AM	18	25	2	0
11:30 AM	20	27	0	0
11:45 AM	12	14	0	0
12:00 PM	9	13	0	0
12:15 PM	3	5	0	0
12:30 PM	7	7	0	0
12:45 PM	5	8	0	0
1:00 PM	5	9	0	0
1:15 PM	7	12	0	0
1:30 PM	5	9	0	0
1:45 PM	6	10	0	0
2:00 PM	6	9	0	0
2:15 PM	9	11	0	4
2:30 PM	7	12	0	0
2:45 PM	10	13	0	0
3:00 PM	3	3	0	0
3:15 PM	6	9	0	0
3:30 PM	4	8	0	0
3:45 PM	2	3	0	0
4:00 PM	4	5	0	0
4:15 PM	4	4	0	1
4:30 PM	1	1	0	0
4:45 PM	1	1	0	0
5:00 PM	3	5	0	0
5:15 PM	5	6	0	0
5:30 PM	2	2	0	0
5:45 PM	1	1	0	0
6:00 PM	1	1	0	0
6:15 PM	2	2	0	0
6:30 PM	4	5	0	0
6:45 PM	0	0	0	0
13 Hr Total	515	640	2	10

Sunday 9th May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants	Entering	Entering
6:00 AM	5	5	0	0
6:15 AM	3	3	0	0
6:30 AM	8	10	0	0
6:45 AM	8	11	0	0
7:00 AM	10	13	0	0
7:15 AM	16	22	0	0
7:30 AM	7	8	0	0
7:45 AM	8	13	0	0
8:00 AM	7	9	0	0
8:15 AM	14	17	0	1
8:30 AM	8	13	0	0
8:45 AM	5	6	0	0
9:00 AM	7	9	0	0
9:15 AM	12	16	0	0
9:30 AM	7	9	0	0
9:45 AM	10	15	0	0
10:00 AM	5	6	0	0
10:15 AM	4	6	0	1
10:30 AM	8	10	1	0
10:45 AM	7	9	1	0
11:00 AM	7	13	0	0
11:15 AM	9	14	2	0
11:30 AM	13	14	0	0
11:45 AM	4	6	0	0
12:00 PM	9	15	2	0
12:15 PM	7	12	0	0
12:30 PM	3	5	0	0
12:45 PM	7	9	0	0
1:00 PM	5	5	0	1
1:15 PM	4	5	0	0
1:30 PM	9	12	0	0
1:45 PM	8	13	0	0
2:00 PM	8	12	0	0
2:15 PM	8	11	0	0
2:30 PM	1	1	0	0
2:45 PM	8	14	0	1
3:00 PM	7	10	1	0
3:15 PM	4	5	0	0
3:30 PM	6	7	2	0
3:45 PM	4	4	0	0
4:00 PM	3	3	0	0
4:15 PM	3	4	0	0
4:30 PM	1	2	0	0
4:45 PM	1	2	0	0
5:00 PM	0	0	0	0
5:15 PM	2	2	0	0
5:30 PM	1	1	0	0
5:45 PM	1	1	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	302	412	9	4

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM					
6:15 AM	6:30 AM					
6:30 AM	6:45 AM					
6:45 AM	7:00 AM					0
7:00 AM	7:15 AM					0
7:15 AM	7:30 AM					0
7:30 AM	7:45 AM					0
7:45 AM	8:00 AM					0
8:00 AM	8:15 AM					0
8:15 AM	8:30 AM					0
8:30 AM	8:45 AM					0
8:45 AM	9:00 AM					0
9:00 AM	9:15 AM					0
9:15 AM	9:30 AM					0
9:30 AM	9:45 AM					0
9:45 AM	10:00 AM					0
10:00 AM	10:15 AM					0
10:15 AM	10:30 AM					0
10:30 AM	10:45 AM					0
10:45 AM	11:00 AM					0
11:00 AM	11:15 AM					0
11:15 AM	11:30 AM					0
11:30 AM	11:45 AM					0
11:45 AM	12:00 PM					0
12:00 PM	12:15 PM					0
12:15 PM	12:30 PM					0
12:30 PM	12:45 PM					0
12:45 PM	1:00 PM					0
1:00 PM	1:15 PM					0
1:15 PM	1:30 PM					0
1:30 PM	1:45 PM					0
1:45 PM	2:00 PM					0
2:00 PM	2:15 PM					0
2:15 PM	2:30 PM					0

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
2:30 PM	2:45 PM					0
2:45 PM	3:00 PM					0
3:00 PM	3:15 PM					0
3:15 PM	3:30 PM					0
3:30 PM	3:45 PM					0
3:45 PM	4:00 PM					0
4:00 PM	4:15 PM					0
4:15 PM	4:30 PM					0
4:30 PM	4:45 PM					0
4:45 PM	5:00 PM					0
5:00 PM	5:15 PM					0
5:15 PM	5:30 PM					0
5:30 PM	5:45 PM					0
5:45 PM	6:00 PM					0
6:00 PM	6:15 PM					0
6:15 PM	6:30 PM					0
6:30 PM	6:45 PM					0
6:45 PM	7:00 PM					0
Peak Period - AM						0
Peak Period - PM						0
Total		0	0	0	0	0

Golf Course Site Information	
Site Location	Gosford Golf Club
Year Opened	
Other Uses Operating On Site	
Driving Range? (y/n) Operating Times	
Café / Restaurant Floor Area (GFA) (m2)	
Café / Restaurant seating capacity	
Function Room Floor Area	
Total undercover parking bays (if any)	
Parking spaces reserved for members or staff only	
Weekday Opening Hours	
Saturday Opening Hours	
Sunday Opening Hours	
Busiest Day	
Regular Competition Days	
Standard Interval Between Tee-off Times	
Cart Hire? (y/n)	
Traffic Surveyor Comments (eg. Local issues?, Roadworks?, Closed Areas?, Disability Access?, etc)	

Site Map



Site Location	Gosford Golf Club
Survey Date	26th, 27th & 30th June 2021
Survey Period	6:00am to 7:00pm



Occupancy - Saturday 26th June 2021

Parking Occupancy				
6:00am		occupied spaces		
10:00am		occupied spaces		
7:00pm		occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
9:00 AM	0	0	0	0
9:15 AM	0	0	0	0
9:30 AM	0	0	0	0
9:45 AM	0	0	0	0
10:00 AM	0	0	0	0
10:15 AM	0	0	0	0
10:30 AM	0	0	0	0
10:45 AM	0	0	0	0
11:00 AM	0	0	0	0
11:15 AM	0	0	0	0
11:30 AM	0	0	0	0
11:45 AM	0	0	0	0
12:00 PM	0	0	0	0
12:15 PM	0	0	0	0
12:30 PM	0	0	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	0	0	0	0
1:45 PM	0	0	0	0
2:00 PM	0	0	0	0
2:15 PM	0	0	0	0
2:30 PM	0	0	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Traffic & Occupancy - Sunday 27th June 2021

Parking Occupancy				
6:00am		occupied spaces		
10:00am		occupied spaces		
7:00pm		occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
9:00 AM	0	0	0	0
9:15 AM	0	0	0	0
9:30 AM	0	0	0	0
9:45 AM	0	0	0	0
10:00 AM	0	0	0	0
10:15 AM	0	0	0	0
10:30 AM	0	0	0	0
10:45 AM	0	0	0	0
11:00 AM	0	0	0	0
11:15 AM	0	0	0	0
11:30 AM	0	0	0	0
11:45 AM	0	0	0	0
12:00 PM	0	0	0	0
12:15 PM	0	0	0	0
12:30 PM	0	0	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	0	0	0	0
1:45 PM	0	0	0	0
2:00 PM	0	0	0	0
2:15 PM	0	0	0	0
2:30 PM	0	0	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Traffic & Occupancy - Wednesday 30th June 2021

Parking Occupancy				
6:00am		occupied spaces		
10:00am		occupied spaces		
7:00pm		occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
9:00 AM	0	0	0	0
9:15 AM	0	0	0	0
9:30 AM	0	0	0	0
9:45 AM	0	0	0	0
10:00 AM	0	0	0	0
10:15 AM	0	0	0	0
10:30 AM	0	0	0	0
10:45 AM	0	0	0	0
11:00 AM	0	0	0	0
11:15 AM	0	0	0	0
11:30 AM	0	0	0	0
11:45 AM	0	0	0	0
12:00 PM	0	0	0	0
12:15 PM	0	0	0	0
12:30 PM	0	0	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	0	0	0	0
1:45 PM	0	0	0	0
2:00 PM	0	0	0	0
2:15 PM	0	0	0	0
2:30 PM	0	0	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Site Location	Gosford Golf Club
Survey Date	
Survey Period	6:00am to 7:00pm



aturday 1st May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
9:00 AM	0	0	0	0
9:15 AM	0	0	0	0
9:30 AM	0	0	0	0
9:45 AM	0	0	0	0
10:00 AM	0	0	0	0
10:15 AM	0	0	0	0
10:30 AM	0	0	0	0
10:45 AM	0	0	0	0
11:00 AM	0	0	0	0
11:15 AM	0	0	0	0
11:30 AM	0	0	0	0
11:45 AM	0	0	0	0
12:00 PM	0	0	0	0
12:15 PM	0	0	0	0
12:30 PM	0	0	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	0	0	0	0
1:45 PM	0	0	0	0
2:00 PM	0	0	0	0
2:15 PM	0	0	0	0
2:30 PM	0	0	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	0	0	0	0

Sunday 2nd May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
9:00 AM	0	0	0	0
9:15 AM	0	0	0	0
9:30 AM	0	0	0	0
9:45 AM	0	0	0	0
10:00 AM	0	0	0	0
10:15 AM	0	0	0	0
10:30 AM	0	0	0	0
10:45 AM	0	0	0	0
11:00 AM	0	0	0	0
11:15 AM	0	0	0	0
11:30 AM	0	0	0	0
11:45 AM	0	0	0	0
12:00 PM	0	0	0	0
12:15 PM	0	0	0	0
12:30 PM	0	0	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	0	0	0	0
1:45 PM	0	0	0	0
2:00 PM	0	0	0	0
2:15 PM	0	0	0	0
2:30 PM	0	0	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	0	0	0	0

Wednesday 5th May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
9:00 AM	0	0	0	0
9:15 AM	0	0	0	0
9:30 AM	0	0	0	0
9:45 AM	0	0	0	0
10:00 AM	0	0	0	0
10:15 AM	0	0	0	0
10:30 AM	0	0	0	0
10:45 AM	0	0	0	0
11:00 AM	0	0	0	0
11:15 AM	0	0	0	0
11:30 AM	0	0	0	0
11:45 AM	0	0	0	0
12:00 PM	0	0	0	0
12:15 PM	0	0	0	0
12:30 PM	0	0	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	0	0	0	0
1:45 PM	0	0	0	0
2:00 PM	0	0	0	0
2:15 PM	0	0	0	0
2:30 PM	0	0	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	0	0	0	0

GOLF COURSE TRIP GENERATION SURVEY


[illegible]

48				
49				

GOLF COURSE TRIP GENERATION SURVEY

[illegible]

GOLF COURSE TRIP GENERATION SURVEY

Site Location:-				
Survey Day and Date:-				
Survey Period:-				
Surveyors Name:-				
Interview Number	e to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
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24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM					
6:15 AM	6:30 AM					
6:30 AM	6:45 AM					
6:45 AM	7:00 AM					0
7:00 AM	7:15 AM					0
7:15 AM	7:30 AM					0
7:30 AM	7:45 AM					0
7:45 AM	8:00 AM					0
8:00 AM	8:15 AM					0
8:15 AM	8:30 AM					0
8:30 AM	8:45 AM					0
8:45 AM	9:00 AM					0
9:00 AM	9:15 AM					0
9:15 AM	9:30 AM					0
9:30 AM	9:45 AM					0
9:45 AM	10:00 AM					0
10:00 AM	10:15 AM					0
10:15 AM	10:30 AM					0
10:30 AM	10:45 AM					0
10:45 AM	11:00 AM					0
11:00 AM	11:15 AM					0
11:15 AM	11:30 AM					0
11:30 AM	11:45 AM					0
11:45 AM	12:00 PM					0
12:00 PM	12:15 PM					0
12:15 PM	12:30 PM					0
12:30 PM	12:45 PM					0
12:45 PM	1:00 PM					0
1:00 PM	1:15 PM					0
1:15 PM	1:30 PM					0
1:30 PM	1:45 PM					0
1:45 PM	2:00 PM					0
2:00 PM	2:15 PM					0
2:15 PM	2:30 PM					0

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
2:30 PM	2:45 PM					0
2:45 PM	3:00 PM					0
3:00 PM	3:15 PM					0
3:15 PM	3:30 PM					0
3:30 PM	3:45 PM					0
3:45 PM	4:00 PM					0
4:00 PM	4:15 PM					0
4:15 PM	4:30 PM					0
4:30 PM	4:45 PM					0
4:45 PM	5:00 PM					0
5:00 PM	5:15 PM					0
5:15 PM	5:30 PM					0
5:30 PM	5:45 PM					0
5:45 PM	6:00 PM					0
6:00 PM	6:15 PM					0
6:15 PM	6:30 PM					0
6:30 PM	6:45 PM					0
6:45 PM	7:00 PM					0
Peak Period - AM		0	0	0	0	0
Peak Period - PM		0	0	0	0	0
Total		0	0	0	0	0

Golf Course Site Information	
Site Location	Kogarah Golf Club, Arncliffe
Year Opened	
Other Uses Operating On Site	
Driving Range? (y/n) Operating Times	
Café / Restaurant Floor Area (GFA) (m2)	
Café / Restaurant seating capacity	
Function Room Floor Area	
Total undercover parking bays (if any)	
Parking spaces reserved for members or staff only	
Weekday Opening Hours	
Saturday Opening Hours	
Sunday Opening Hours	
Busiest Day	
Regular Competition Days	
Standard Interval Between Tee-off Times	
Cart Hire? (y/n)	
Traffic Surveyor Comments (eg. Local issues?, Roadworks?, Closed Areas?, Disability Access?, etc)	

Site Map



Site Location	Kogarah Golf Club
Survey Date	15th, 16th & 19th May 2021
Survey Period	6:00am to 7:00pm



Occupancy - Saturday 15th May 2021

Parking Occupancy				
6:00am	5	occupied spaces		
10:00am	120	occupied spaces		
7:00pm	7	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	1,2	0	0	0
6:15 AM	1,1	0	0	0
6:30 AM	1,1,1,1,1,1,1,1,1,2,1,1	0	0	0
6:45 AM	1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	0	0	0
7:00 AM	1,1,1,1,1,1,1	0	0	0
7:15 AM	1,1,1,1,1,1,1,1	0	0	0
7:30 AM	1,1,1,1,1,1,1	0	0	0
7:45 AM	1,1,1,1,1	1	0	0
8:00 AM	1,1,1,1,1,1,1,1	0	0	0
8:15 AM	1,1,1,1,1,1,1	1	0	0
8:30 AM	1,1,1,1,1,1	0	0	1
8:45 AM	1,1,2,1,1,1,2	0	0	0
9:00 AM	1,3,1,1,1,1	0	0	2
9:15 AM	1,1,1	0	0	0
9:30 AM	1,2,1	0	0	0
9:45 AM	1,1,1,1	0	0	0
10:00 AM	2,1,1,1	0	0	0
10:15 AM	1,1,1,1,1,1	0	0	1
10:30 AM	1	0	0	0
10:45 AM	1,1	0	0	0
11:00 AM	1,1,1,1,1,1,1	0	0	0
11:15 AM	2,1,1,1,1	0	0	0
11:30 AM	1,1,1,1,1,1	0	0	0
11:45 AM	2,1	0	0	0
12:00 PM	2,3	1	0	0
12:15 PM	1,2,1,1	0	1	0
12:30 PM	1,3,2,2	0	0	0
12:45 PM	1,2	0	0	1
1:00 PM	2,3,1	0	0	2
1:15 PM	1,2	0	0	2
1:30 PM	0	0	0	0
1:45 PM	2	1	0	2
2:00 PM	2,2,1	0	0	0
2:15 PM	1	0	0	1
2:30 PM	1	0	0	0
2:45 PM	2,1,2,2,1,1	0	0	2
3:00 PM	0	0	0	0
3:15 PM	1,2	0	0	0
3:30 PM	1	0	0	0
3:45 PM	0	0	0	1
4:00 PM	0	0	0	0
4:15 PM	1	0	1	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	1	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	2
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Traffic & Occupancy - Sunday 16th May 2021

Parking Occupancy				
6:00am	6	occupied spaces		
10:00am	113	occupied spaces		
7:00pm	2	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	1,1	0	0	0
6:15 AM	1,1,3,1,1,1,1,1	0	0	0
6:30 AM	1,1,1,1	0	0	0
6:45 AM	1,1	0	0	0
7:00 AM	1,1,1,1,1,1	0	0	0
7:15 AM	1,1,1,1,1,1,1	0	0	0
7:30 AM	1,1,1,1,1,1,1	0	0	0
7:45 AM	1,1,1	0	0	0
8:00 AM	2,1,1,1,2,1,1,1,2	0	0	0
8:15 AM	1,1,1,1,1,1	0	1	0
8:30 AM	1	0	0	1
8:45 AM	1,1,1,1,1,1,1	0	0	0
9:00 AM	1,1,1	0	0	0
9:15 AM	1,1	0	0	2
9:30 AM	1,1,1,1,1,2,1,3,1	0	0	1
9:45 AM	2,1,1,1	0	0	0
10:00 AM	1	0	0	0
10:15 AM	0	0	0	0
10:30 AM	1	0	0	0
10:45 AM	1,1,1,1	0	0	1
11:00 AM	1,1	0	0	0
11:15 AM	2,1	0	0	2
11:30 AM	1,1	0	0	0
11:45 AM	2,2,1,1,2,1	1	0	0
12:00 PM	2,1	2	0	0
12:15 PM	1,2,2,1,1,1	0	0	6
12:30 PM	1,2,1,2,2	0	0	2
12:45 PM	1,1,2,1	1	0	0
1:00 PM	2,1	0	0	2
1:15 PM	2,1	0	0	0
1:30 PM	2,1,1	0	0	0
1:45 PM	2	0	0	1
2:00 PM	1,2	0	0	2
2:15 PM	0	0	0	1
2:30 PM	1	0	0	2
2:45 PM	2	0	0	1
3:00 PM	0	0	0	0
3:15 PM	1	0	0	0
3:30 PM	1	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	1	0	0	0
5:00 PM	1,1	0	0	0
5:15 PM	0	0	0	0
5:30 PM	1	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Traffic & Occupancy - Wednesday 19th May 2021

Parking Occupancy				
6:00am	10	occupied spaces		
10:00am	108	occupied spaces		
7:00pm	2	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	1,1,1,1,1,1,1	0	0	0
6:15 AM	1,1,1,1,1	0	0	0
6:30 AM	1,1,1,12,2,1	0	0	0
6:45 AM	1,1,1	0	0	0
7:00 AM	1,1,1	0	0	0
7:15 AM	1,1,1	0	0	0
7:30 AM	1,1,1,1,1,12,1	0	1	0
7:45 AM	1,1,1,1,1	0	0	0
8:00 AM	1,1	1	0	1
8:15 AM	1,1,1,1,1,1	0	0	0
8:30 AM	1,1,1,1,12,1	0	0	0
8:45 AM	1,1,1,1	0	0	1
9:00 AM	1,1,1,1,1,1	0	0	2
9:15 AM	1,1,1	1,	0	0
9:30 AM	1	0	0	0
9:45 AM	1,1,1,1,1,1	0	0	0
10:00 AM	1,1,1,1,1,1,1,1	1	0	0
10:15 AM	1,1,1	0	0	0
10:30 AM	1,1	0	0	0
10:45 AM	1,1,2,1,2,1	0	0	0
11:00 AM	1	1	0	0
11:15 AM	0	0	0	0
11:30 AM	2	0	0	0
11:45 AM	2,1	0	0	0
12:00 PM	3,1,2	0	0	0
12:15 PM	1	0	0	0
12:30 PM	1	0	0	0
12:45 PM	1	0	0	0
1:00 PM	1	0	0	0
1:15 PM	1	0	0	0
1:30 PM	1,2	0	0	0
1:45 PM	1	0	0	0
2:00 PM	0	0	0	0
2:15 PM	0	0	0	0
2:30 PM	1	0	0	0
2:45 PM	0	0	0	0
3:00 PM	1	0	0	0
3:15 PM	1	0	0	0
3:30 PM	1	0	1	0
3:45 PM	1,1	0	0	0
4:00 PM	1,1	0	0	0
4:15 PM	1	0	0	2
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	2
5:30 PM	1	0	0	0
5:45 PM	1	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Site Location	Kogarah Golf Club
Survey Date	15th, 16th & 19th May 2021
Survey Period	6:00am to 7:00pm


aturday 1st May 2021


Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants	Entering	Entering
6:00 AM	2	3	0	0
6:15 AM	2	2	0	0
6:30 AM	15	16	0	0
6:45 AM	17	17	0	0
7:00 AM	7	7	0	0
7:15 AM	8	8	0	0
7:30 AM	7	7	0	0
7:45 AM	6	6	0	0
8:00 AM	8	8	0	0
8:15 AM	8	8	0	0
8:30 AM	6	6	0	1
8:45 AM	7	9	0	0
9:00 AM	6	8	0	2
9:15 AM	3	3	0	0
9:30 AM	3	4	0	0
9:45 AM	4	4	0	0
10:00 AM	4	5	0	0
10:15 AM	6	6	0	1
10:30 AM	1	1	0	0
10:45 AM	2	2	0	0
11:00 AM	7	7	0	0
11:15 AM	5	6	0	0
11:30 AM	6	6	0	0
11:45 AM	2	3	0	0
12:00 PM	3	6	0	0
12:15 PM	4	5	1	0
12:30 PM	4	8	0	0
12:45 PM	2	3	0	1
1:00 PM	3	6	0	2
1:15 PM	2	3	0	2
1:30 PM	0	0	0	0
1:45 PM	2	3	0	2
2:00 PM	3	5	0	0
2:15 PM	1	1	0	1
2:30 PM	1	1	0	0
2:45 PM	6	9	0	2
3:00 PM	0	0	0	0
3:15 PM	2	3	0	0
3:30 PM	1	1	0	0
3:45 PM	0	0	0	1
4:00 PM	0	0	0	0
4:15 PM	1	1	1	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	1	1	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	2
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	178	208	2	17


Sunday 2nd May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants	Entering	Entering
6:00 AM	2	2	0	0
6:15 AM	8	10	0	0
6:30 AM	4	4	0	0
6:45 AM	2	2	0	0
7:00 AM	6	6	0	0
7:15 AM	7	7	0	0
7:30 AM	7	7	0	0
7:45 AM	3	3	0	0
8:00 AM	9	12	0	0
8:15 AM	6	6	1	0
8:30 AM	1	1	0	1
8:45 AM	7	7	0	0
9:00 AM	3	3	0	0
9:15 AM	2	2	0	2
9:30 AM	10	13	0	1
9:45 AM	4	5	0	0
10:00 AM	1	1	0	0
10:15 AM	0	0	0	0
10:30 AM	1	1	0	0
10:45 AM	4	4	0	1
11:00 AM	2	2	0	0
11:15 AM	2	3	0	2
11:30 AM	2	2	0	0
11:45 AM	7	10	0	0
12:00 PM	3	5	0	0
12:15 PM	6	8	0	6
12:30 PM	5	8	0	2
12:45 PM	5	6	0	0
1:00 PM	2	3	0	2
1:15 PM	2	3	0	0
1:30 PM	3	4	0	0
1:45 PM	1	2	0	1
2:00 PM	2	3	0	2
2:15 PM	0	0	0	1
2:30 PM	1	1	0	2
2:45 PM	1	2	0	1
3:00 PM	0	0	0	0
3:15 PM	1	1	0	0
3:30 PM	1	1	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	1	1	0	0
5:00 PM	2	2	0	0
5:15 PM	0	0	0	0
5:30 PM	1	1	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	137	164	1	24


Wednesday 5th May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants	Entering	Entering
6:00 AM	7	7	0	0
6:15 AM	5	5	0	0
6:30 AM	6	18	0	0
6:45 AM	3	3	0	0
7:00 AM	3	3	0	0
7:15 AM	3	3	0	0
7:30 AM	8	19	1	0
7:45 AM	5	5	0	0
8:00 AM	3	3	0	1
8:15 AM	6	6	0	0
8:30 AM	6	17	0	0
8:45 AM	4	4	0	1
9:00 AM	6	6	0	2
9:15 AM	4	4	0	0
9:30 AM	1	1	0	0
9:45 AM	6	6	0	0
10:00 AM	9	9	0	0
10:15 AM	3	3	0	0
10:30 AM	2	2	0	0
10:45 AM	6	8	0	0
11:00 AM	2	2	0	0
11:15 AM	0	0	0	0
11:30 AM	1	2	0	0
11:45 AM	2	3	0	0
12:00 PM	3	6	0	0
12:15 PM	1	1	0	0
12:30 PM	1	1	0	0
12:45 PM	1	1	0	0
1:00 PM	1	1	0	0
1:15 PM	1	1	0	0
1:30 PM	2	3	0	0
1:45 PM	1	1	0	0
2:00 PM	0	0	0	0
2:15 PM	0	0	0	0
2:30 PM	1	1	0	0
2:45 PM	0	0	0	0
3:00 PM	1	1	0	0
3:15 PM	1	1	0	0
3:30 PM	1	1	1	0
3:45 PM	2	2	0	0
4:00 PM	2	2	0	0
4:15 PM	1	1	0	2
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	2
5:30 PM	1	1	0	0
5:45 PM	1	1	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	123	165	2	8

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		Kogarah Golf Club		
Survey Day and Date:-		tuesday 15th May 2021		
Survey Period:-		8am-10am		
Surveyors Name:-		Jenny		
Interview Number	Please answer the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	SAN SOUCI	VD	ON	L/F
2	BANKSIA	VD	ON	G/L
3	OAKLEY	VD	ON	G
4	ARVCLIFFE	W	ON	W
5	BARDWELL PARK	VD	ON	G
6	ARNCLIFFE	VD	ON	F/D
7	SYDENHAM	VP	ON	G
8	BEXLEY	T		F
9	KOGARAH	VP	ON	L
10	WOLLI CREEK	VD	ON	W
11	SAN SOUCI	VP	ON	G
12	MONTEREY	VP	ON	G/F
13	ROCKDALE	BUS		W
14	ARNCLIFFE	VD	ON	D/F
15	KOGARAH	VD	ON	G/L
16	SYDENHAM	VD	ON	L
17	KINGSGROVE	VP	ON	G/F
18	WOLLI CREEK	BUS		W
19	BEXLEY	VD	ON	D
20	SAN SOUCI	VD	ON	G
21	ARNCLIFFE	VP	ON	G/F
22	TEMPE	BUS		L/F
23	MARRICKVILLE	VD	ON	W
24	WOLLI CREEK	W		G/F
25	MONTEREY	VP	ON	L
26	HURSTVILLE	VD	ON	G
27	PEAKHURST	VP	ON	D/F
28	ARNCLIFFE	VP	ON	G
29	BARDWELL PARK	BUS		W
30	WOLLI CREEK	VP	ON	L
31	ARNCLIFFE	BUS		L/F

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:- Kogarah Golf Club		<div></div>		
Survey Day and Date:- Sunday 16th May 2021				
Survey Period:- 8am-10am				
Surveyors Name:- Jenny				
Interview Number	Use to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	WOLLI CREEK	VD	ON	G
2	BELMORE	VP	ON	L/F
3	ARNCLIFFE	W		
4	WOLLI CREEK	VP	ON	G
5	ST PETERS	VD	ON	G/F
6	BOTANY	VD	ON	G
7	WOLLI CREEK	C	ON	W
8	RAMSGATE BEACH	VD	ON	L
9	BANKSIA	BUS		W
10	MASCOT	VP	ON	G
11	WOLLI CREEK	W		W
12	SAN SOUCI	VP	ON	G/L/F
13	KOGARAH	VP	ON	G
14	ARNCLIFFE	VD	ON	D/F
15	MARRICKVILLE	VD	ON	G
16	ST PETERS	VP	ON	G
17	HURSTVILLE	VD	ON	G
18	OAKLEY	VP	ON	L/F
19	BARDWELL PARK	VP	ON	G/F
20	EASTLAKES	VD	ON	G
21	ROCKDALE	VD	ON	G
22	WOLLI CREEK	W		G
23	BURWOOD	VD	ON	L
24	ARNCLIFFE	W		F
25	BOTANY	VP	ON	D/F
26	HURSTVILLE	VD	ON	G
27	PORT BOTANY	VD	ON	G
28	SYDENHAM	BUS		W
29	KOGARAH	VP	ON	L
30	PENSHURST	VP	ON	G
31	KOGARAH	VD	ON	G/F
32	WOLLI CREEK	W		G
33	MONTEREY	VD	ON	L/F
34	SYDENHAM	VP	ON	D
35	PENSHURST	VD	ON	G
36	WOLLI CREEK	VD	ON	W
37	SAN SOUCI	VD	ON	G/F

GOLF COURSE TRIP GENERATION SURVEY

Site Location:-		Kogarah Golf Club			
Survey Day and Date:-		Wednesday 19th May 2021			
Survey Period:-		8am-10am			
Surveyors Name:-		Jenny			
Interview Number	Please answer the following questions				
	1	2	3	4	
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).	
1	Kogarah	VD	ON	G	
2	Peakhurst	VP	ON	G/F	
3	Bardwell Park	VD	ON	D	
4	Banksia	TRAIN		W	
5	Canerbury	VP	ON	G	
6	Sutherland	VD	ON	G	
7	Monterey	VD	ON	G	
8	Arncliffe	W		W	
9	Wollicreek	W		G	
10	Port	VP	ON	G	
11	Wollicreek	VP	ON	L/F	
12	Gynea	VD	ON	G	
13	Campsie	VP	ON	L/F	
14	Wdlicreek	VD	ON	G	
15	Carlton	VP	ON	G	
16	Sans Souci	VD	ON	L/F	
17	Marrickville	BUS		L/F	
18	Ashfield	VD	ON	G	
19	Arncliffe	TRAIN		W	
20	2216	VD	ON	G	
21	Brighton Le Sand	VD	ON	D/F	
22	Revesby	VP	ON	G	
23	2208	VP	ON	D	
24	Rosebery	VD	ON	G	
25	Wollicreek	VD	ON	G	
26	2205	VD	ON	G	
27	Banksia	VD	ON	G	
28	Sans Souci	VP	ON	L/F	
29	Wollicreek	VD	ON	G	

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM					
6:15 AM	6:30 AM					
6:30 AM	6:45 AM					
6:45 AM	7:00 AM					0
7:00 AM	7:15 AM					0
7:15 AM	7:30 AM					0
7:30 AM	7:45 AM					0
7:45 AM	8:00 AM					0
8:00 AM	8:15 AM					0
8:15 AM	8:30 AM					0
8:30 AM	8:45 AM					0
8:45 AM	9:00 AM					0
9:00 AM	9:15 AM					0
9:15 AM	9:30 AM					0
9:30 AM	9:45 AM					0
9:45 AM	10:00 AM					0
10:00 AM	10:15 AM					0
10:15 AM	10:30 AM					0
10:30 AM	10:45 AM					0
10:45 AM	11:00 AM					0
11:00 AM	11:15 AM					0
11:15 AM	11:30 AM					0
11:30 AM	11:45 AM					0
11:45 AM	12:00 PM					0
12:00 PM	12:15 PM					0
12:15 PM	12:30 PM					0
12:30 PM	12:45 PM					0
12:45 PM	1:00 PM					0
1:00 PM	1:15 PM					0
1:15 PM	1:30 PM					0
1:30 PM	1:45 PM					0
1:45 PM	2:00 PM					0
2:00 PM	2:15 PM					0
2:15 PM	2:30 PM					0

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
2:30 PM	2:45 PM					0
2:45 PM	3:00 PM					0
3:00 PM	3:15 PM					0
3:15 PM	3:30 PM					0
3:30 PM	3:45 PM					0
3:45 PM	4:00 PM					0
4:00 PM	4:15 PM					0
4:15 PM	4:30 PM					0
4:30 PM	4:45 PM					0
4:45 PM	5:00 PM					0
5:00 PM	5:15 PM					0
5:15 PM	5:30 PM					0
5:30 PM	5:45 PM					0
5:45 PM	6:00 PM					0
6:00 PM	6:15 PM					0
6:15 PM	6:30 PM					0
6:30 PM	6:45 PM					0
6:45 PM	7:00 PM					0
Peak Period - AM		0	0	0	0	0
Peak Period - PM		0	0	0	0	0
Total		0	0	0	0	0

Golf Course Site Information	
Site Location	Lane Cove Golf Club, Lane Cove
Year Opened	
Other Uses Operating On Site	
Driving Range? (y/n) Operating Times	
Café / Restaurant Floor Area (GFA) (m2)	
Café / Restaurant seating capacity	
Function Room Floor Area	
Total undercover parking bays (if any)	
Parking spaces reserved for members or staff only	
Weekday Opening Hours	
Saturday Opening Hours	
Sunday Opening Hours	
Busiest Day	
Regular Competition Days	
Standard Interval Between Tee-off Times	
Cart Hire? (y/n)	
Traffic Surveyor Comments (eg. Local issues?, Roadworks?, Closed Areas?, Disability Access?, etc)	

Site Map



Site Location	Lane Cove Golf Club
Survey Date	15th, 16th & 19th May 2021
Survey Period	6:00am to 7:00pm



Occupancy - Saturday 15th May 2021

Parking Occupancy				
6:00am	9	occupied spaces		
10:00am	75	occupied spaces		
7:00pm	10	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	1	0	1	0
6:15 AM	1,1,1,1,1	0	0	0
6:30 AM	2,1,1,1	0	0	0
6:45 AM	2,1,1,1,1,1,1,1,1,1,1	0	1	0
7:00 AM	1,1,1,1,1,1	0	0	0
7:15 AM	2,1,1,1,2,1,1	0	0	0
7:30 AM	1,1,1,1	0	0	0
7:45 AM	1,2	0	0	0
8:00 AM	1,1,4,1,1,3,1,1,2,1,1	0	0	0
8:15 AM	1,1,1,1,1,1	0	0	0
8:30 AM	1,1,1,1,1	0	0	0
8:45 AM	2,2,1,1	0	0	0
9:00 AM	1,1,1,1,2	0	0	0
9:15 AM	1,2	0	0	1
9:30 AM	2,1,1,1	0	0	0
9:45 AM	1,2,2,1,1	0	0	0
10:00 AM	1,1	0	0	0
10:15 AM	1,2,2,1,1,1	0	0	0
10:30 AM	1,1,1,1	0	0	1
10:45 AM	1,1,1,1,1,1,1,1,1	0	0	0
11:00 AM	1,1,1,1,1,1,1,1,1,1,1,1,1	0	0	0
11:15 AM	1,1,2,1	0	0	0
11:30 AM	1,1,1,2,1,1	0	0	0
11:45 AM	1,1,1,1	0	0	0
12:00 PM	0	0	0	0
12:15 PM	2,1,1	0	0	0
12:30 PM	3,4	0	0	0
12:45 PM	2,1,1,1,1	0	0	0
1:00 PM	0	0	0	0
1:15 PM	1,2	0	0	0
1:30 PM	2,1	0	0	0
1:45 PM	2,1,2,3,1,1,3,2,1,1,2	0	0	0
2:00 PM	1,1,2,2,1,2,1,1	0	0	0
2:15 PM	1,1,1,1	0	0	0
2:30 PM	2,1	0	0	1
2:45 PM	2,1,1,1,2,2,2,1,1,2	0	0	0
3:00 PM	2,1,1,1,1,1,3	0	0	0
3:15 PM	1,1,1	0	0	1
3:30 PM	0	0	0	0
3:45 PM	1,1,1	0	0	1
4:00 PM	2,1	0	0	1
4:15 PM	0	0	0	0
4:30 PM	1	0	0	0
4:45 PM	2,1,2,1,1,1	0	0	0
5:00 PM	1	0	0	0
5:15 PM	1,1	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Traffic & Occupancy - Sunday 16th May 2021

Parking Occupancy				
6:00am	9	occupied spaces		
10:00am	85	occupied spaces		
7:00pm	13	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	3,1,1,1,1,1,1,1	0	0	0
6:15 AM	1	0	0	0
6:30 AM	1,2,1	0	1	0
6:45 AM	2,1,2	0	0	0
7:00 AM	0	1	0	0
7:15 AM	1	0	0	0
7:30 AM	1,1,1,1	0	0	0
7:45 AM	1,3,1,1,1,1	0	0	0
8:00 AM	1,2,1,1,1	0	0	0
8:15 AM	1,1,1,1,1,2,1,1,2,1,1	0	0	1
8:30 AM	2,2,2,1,1,1,1,1,1,1,1,1,1,1,1,1,2	0	0	0
8:45 AM	1,2,2	0	0	0
9:00 AM	4,4,1,1,1,2,2,1,1,2,1,2,1,2	0	0	1
9:15 AM	3	0	0	0
9:30 AM	2,1	0	0	0
9:45 AM	1,1,1,2,2,3,2,1,1,2,1	0	0	1,3
10:00 AM	1,1,2,1,1,1	0	0	2,1
10:15 AM	3,1	0	0	0
10:30 AM	1,1,2	0	0	0
10:45 AM	0	0	0	0
11:00 AM	1,1,1	0	0	0
11:15 AM	2,1	0	0	0
11:30 AM	2,1,1	0	0	0
11:45 AM	1,1,1,1,1	0	0	0
12:00 PM	3,1,2,1,1	0	0	0
12:15 PM	2,1,1,1,1,2,2,1,1,1,1,1	2	0	0
12:30 PM	1,2,2,1,2	0	0	0
12:45 PM	1,3,1,1,2,1,1	0	0	0
1:00 PM	2,1	0	0	0
1:15 PM	3,1,2,2,1,2	0	1	0
1:30 PM	1,1	0	0	0
1:45 PM	1,1,1,2,1,3,2,1,1,2,1,3,2,1	0	0	0
2:00 PM	1,2,1,2,1,1,1	0	0	0
2:15 PM	1,1,1,1,1,1,1,2,1,1	0	0	0
2:30 PM	1,1,2,1,1,1	0	0	0
2:45 PM	1,2,1,4,2,1,2,1	0	0	0
3:00 PM	2,4,1,1,1	0	0	0
3:15 PM	2,1	0	0	0
3:30 PM	0	0	0	0
3:45 PM	3,1,1	0	0	0
4:00 PM	1,1,3,1,1,1,1	0	0	0
4:15 PM	1,1,1,2,1	0	0	0
4:30 PM	1	0	0	0
4:45 PM	1,1,1,1,1,1	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	1	0	0	0
5:45 PM	0	0	0	0
6:00 PM	1	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Traffic & Occupancy - Wednesday 19th May 2021

Parking Occupancy				
6:00am	8	occupied spaces		
10:00am		occupied spaces		
7:00pm	69	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	0	0	0	0
6:15 AM	1,1,1	0	0	0
6:30 AM	1,1,1,1,1	0	0	0
6:45 AM	1	0	0	0
7:00 AM	2,1,1,1	0	0	0
7:15 AM	1,1	0	0	0
7:30 AM	1	0	0	0
7:45 AM	1,1,1,1	0	0	0
8:00 AM	2,2	0	0	0
8:15 AM	0	0	0	0
8:30 AM	1	0	0	0
8:45 AM	1,1,1	0	0	0
9:00 AM	1,1,1,1	0	0	0
9:15 AM	1,1,1,1,1,1,1,1,1,1,1,1,1	0	0	0
9:30 AM	1,1,1,1,1	0	0	0
9:45 AM	1,2,1	0	0	0
10:00 AM	1,1,1,1,1	0	0	0
10:15 AM	1,1	0	0	0
10:30 AM	1	0	0	0
10:45 AM	1,1	0	0	0
11:00 AM	1,1,1,1,1,1	1	0	0
11:15 AM	1,2,1,1,2	0	0	0
11:30 AM	1,1,1,1,1,1,1,1	0	0	0
11:45 AM	1,3,1,1,1,1	0	0	0
12:00 PM	0	0	0	0
12:15 PM	1,1	0	0	0
12:30 PM	2	0	0	0
12:45 PM	1,1,1,1,1	0	0	0
1:00 PM	1,1	0	0	0
1:15 PM	1,1,1	1	0	0
1:30 PM	1,1,1,2	0	0	0
1:45 PM	0	2	0	0
2:00 PM	1	1	0	1
2:15 PM	0	0	0	0
2:30 PM	1,1	0	0	0
2:45 PM	1,1	0	0	0
3:00 PM	2	0	0	0
3:15 PM	2,2,3,1,1,3,1,1,2	1	0	0
3:30 PM	1,2,3	0	0	0
3:45 PM	2	0	0	0
4:00 PM	1,1,1,1	0	0	0
4:15 PM	1,1,2,1,1,1,1,2,2,1	0	0	0
4:30 PM	2,2,2,1,1,2,1,1,1	0	0	0
4:45 PM	1,1,1	0	0	0
5:00 PM	1,1	0	0	0
5:15 PM	1,1	0	0	0
5:30 PM	1,1,1,1,1,1	0	0	0
5:45 PM	1,1,1,1,1,1,1,1,1	0	0	0
6:00 PM	1,1,2,1,1,1,1,1,1,1	0	0	0
6:15 PM	2,1,2,2,2,2,1,1,1,1,1,1,2,1,2,1,2	0	0	0
6:30 PM	1,1,1,1,1,2,2,1,1,1,1,1,1,1,1,1,1,2,1,2,1,1	0	0	0
6:45 PM	1,2,1,1,1,1,1,2,1,1	0	0	0

Commercial Vehicle School Bus half full

Site Location	Lane Cove Golf Club
Survey Date	15th, 16th & 19th May 2021
Survey Period	6:00am to 7:00pm



Friday 15th May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	1	1	1	0
6:15 AM	5	5	0	0
6:30 AM	4	5	0	0
6:45 AM	11	12	1	0
7:00 AM	6	6	0	0
7:15 AM	7	9	0	0
7:30 AM	4	4	0	0
7:45 AM	22	25	0	0
8:00 AM	11	17	0	0
8:15 AM	6	6	0	0
8:30 AM	5	5	0	0
8:45 AM	4	6	0	0
9:00 AM	5	6	0	0
9:15 AM	2	3	0	1
9:30 AM	4	5	0	0
9:45 AM	5	7	0	0
10:00 AM	2	2	0	0
10:15 AM	6	8	0	0
10:30 AM	4	4	0	1
10:45 AM	9	9	0	0
11:00 AM	12	13	0	0
11:15 AM	4	5	0	0
11:30 AM	7	8	0	0
11:45 AM	4	4	0	0
12:00 PM	0	0	0	0
12:15 PM	3	4	0	0
12:30 PM	2	7	0	0
12:45 PM	5	6	0	0
1:00 PM	0	0	0	0
1:15 PM	2	3	0	0
1:30 PM	2	3	0	0
1:45 PM	11	19	0	0
2:00 PM	8	11	0	0
2:15 PM	4	4	0	0
2:30 PM	2	3	0	1
2:45 PM	11	18	0	0
3:00 PM	7	10	0	0
3:15 PM	3	3	0	1
3:30 PM	0	0	0	0
3:45 PM	3	3	0	1
4:00 PM	2	3	0	1
4:15 PM	0	0	0	0
4:30 PM	1	1	0	0
4:45 PM	6	8	0	0
5:00 PM	1	1	0	0
5:15 PM	2	2	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	225	284	2	6

Sunday 16th May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	8	10	0	0
6:15 AM	1	1	0	0
6:30 AM	3	4	1	0
6:45 AM	3	5	0	0
7:00 AM	1	1	0	0
7:15 AM	1	1	0	0
7:30 AM	4	4	0	0
7:45 AM	6	8	0	0
8:00 AM	5	6	0	0
8:15 AM	12	14	0	1
8:30 AM	15	19	0	0
8:45 AM	3	5	0	0
9:00 AM	14	25	0	1
9:15 AM	1	3	0	0
9:30 AM	2	3	0	0
9:45 AM	11	17	0	4
10:00 AM	6	7	0	3
10:15 AM	2	4	0	0
10:30 AM	3	4	0	0
10:45 AM	0	0	0	0
11:00 AM	3	3	0	0
11:15 AM	2	3	0	0
11:30 AM	3	4	0	0
11:45 AM	5	5	0	0
12:00 PM	5	8	0	0
12:15 PM	13	18	0	0
12:30 PM	5	8	0	0
12:45 PM	7	10	0	0
1:00 PM	2	3	0	0
1:15 PM	6	11	1	0
1:30 PM	2	2	0	0
1:45 PM	14	22	0	0
2:00 PM	8	10	0	0
2:15 PM	11	12	0	0
2:30 PM	6	7	0	0
2:45 PM	9	16	0	0
3:00 PM	5	9	0	0
3:15 PM	2	3	0	0
3:30 PM	0	0	0	0
3:45 PM	3	5	0	0
4:00 PM	7	9	0	0
4:15 PM	5	6	0	0
4:30 PM	1	1	0	0
4:45 PM	6	6	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	1	1	0	0
5:45 PM	0	0	0	0
6:00 PM	1	1	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	233	324	2	9

Wednesday 19th May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	3	3	0	0
6:30 AM	5	5	0	0
6:45 AM	1	1	0	0
7:00 AM	4	5	0	0
7:15 AM	2	2	0	0
7:30 AM	1	1	0	0
7:45 AM	4	4	0	0
8:00 AM	2	4	0	0
8:15 AM	0	0	0	0
8:30 AM	1	1	0	0
8:45 AM	3	3	0	0
9:00 AM	4	4	0	0
9:15 AM	13	13	0	0
9:30 AM	5	5	0	0
9:45 AM	3	4	0	0
10:00 AM	5	5	0	0
10:15 AM	2	2	0	0
10:30 AM	1	1	0	0
10:45 AM	2	2	0	0
11:00 AM	7	7	0	0
11:15 AM	5	7	0	0
11:30 AM	8	8	0	0
11:45 AM	6	8	0	0
12:00 PM	0	0	0	0
12:15 PM	2	2	0	0
12:30 PM	1	2	0	0
12:45 PM	5	5	0	0
1:00 PM	2	2	0	0
1:15 PM	4	4	0	0
1:30 PM	4	5	0	0
1:45 PM	1	2	0	0
2:00 PM	2	2	0	0
2:15 PM	0	0	0	0
2:30 PM	2	2	0	0
2:45 PM	2	2	0	0
3:00 PM	1	2	0	0
3:15 PM	10	17	0	0
3:30 PM	3	6	0	0
3:45 PM	1	2	0	0
4:00 PM	4	4	0	0
4:15 PM	10	13	0	0
4:30 PM	9	13	0	0
4:45 PM	3	3	0	0
5:00 PM	2	2	0	0
5:15 PM	2	2	0	0
5:30 PM	6	6	0	0
5:45 PM	9	9	0	0
6:00 PM	10	11	0	0
6:15 PM	17	25	0	0
6:30 PM	20	24	0	0
6:45 PM	11	13	0	0
13 Hr Total	230	275	0	0


GOLF COURSE TRIP GENERATION SURVEY

[illegible]

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

[illegible]

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		Lane Cove Golf Club		
Survey Day and Date:-		Wednesday 19th May 2021		
Survey Period:-		8am-10am		
Surveyors Name:-		Raj		
Interview Number	Please to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	Lane Cove	VD	ON	W
2	Lane Cove	VD	ON	Tennis
3	Paddington	VD	ON	G,F
4				
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- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

*TDC

2010		2009		2008		2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958	1957	1956	1955	1954	1953	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878	1877	1876	1875	1874	1873	1872	1871	1870	1869	1868	1867	1866	1865	1864	1863	1862	1861	1860	1859	1858	1857	1856	1855	1854	1853	1852	1851	1850	1849	1848	1847	1846	1845	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	1834	1833	1832	1831	1830	1829	1828	1827	1826	1825	1824	1823	1822	1821	1820	1819	1818	1817	1816	1815	1814	1813	1812	1811	1810	1809	1808	1807	1806	1805	1804	1803	1802	1801	1800	1799	1798	1797	1796	1795	1794	1793	1792	1791	1790	1789	1788	1787	1786	1785	1784	1783	1782	1781	1780	1779	1778	1777	1776	1775	1774	1773	1772	1771	1770	1769	1768	1767	1766	1765	1764	1763	1762	1761	1760	1759	1758	1757	1756	1755	1754	1753	1752	1751	1750	1749	1748	1747	1746	1745	1744	1743	1742	1741	1740	1739	1738	1737	1736	1735	1734	1733	1732	1731	1730	1729	1728	1727	1726	1725	1724	1723	1722	1721	1720	1719	1718	1717	1716	1715	1714	1713	1712	1711	1710	1709	1708	1707	1706	1705	1704	1703	1702	1701	1700	1699	1698	1697																																																																																																																																										
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2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958	1957	1956	1955	1954	1953	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878	1877	1876	1875	1874	1873	1872	1871	1870	1869	1868	1867	1866	1865	1864	1863	1862	1861	1860	1859	1858	1857	1856	1855	1854	1853	1852	1851	1850	1849	1848	1847	1846	1845	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	1834	1833	1832	1831	1830	1829	1828	1827	1826	1825	1824	1823	1822	1821	1820	1819	1818	1817	1816	1815	1814	1813	1812	1811	1810	1809	1808	1807	1806	1805	1804	1803	1802	1801	1800	1799	1798	1797	1796	1795	1794	1793	1792	1791	1790	1789	1788	1787	1786	1785	1784	1783	1782	1781	1780	1779	1778	1777	1776	1775	1774	1773	1772	1771	1770	1769	1768	1767	1766	1765	1764	1763	1762	1761	1760	1759	1758	1757	1756	1755	1754	1753	1752	1751	1750	1749	1748	1747	1746	1745	1744	1743	1742	1741	1740	1739	1738	1737	1736	1735	1734	1733	1732	1731	1730	1729	1728	1727	1726	1725	1724	1723	1722	1721	1720	1719	1718	1717	1716	1715	1714	1713	1712	1711	1710	1709	1708	1707	1706	1705	1704	1703	1702	1701	1700	1699	1698	1697	1696	1695	1694	1693	1692	1691	1690	1689	1688	1687	1686	1685	1684	1683	1682	1681	1680	1679	1678	1677	1676	1675	1674	1673	1672	1671	1670	1669	1668	1667	1666	1665	1664	1663	1662	1661	1660	1659	1658	1657	1656	1655	1654	1653	1652	1651	1650	1649	1648	1647	1646	1645	1644	1643	1642	1641	1640	1639	1638	1637	1636	1635	1634	1633	1632	1631	1630	1629	1628	1627	1626	1625	1624	1623	1622	1621	1620	1619	1618	1617	1616	1615	1614	1613	1612	1611	1610	1609	1608	1607	1606	1605	1604	1603	1602	1601	1600	1599	1598	1597	1596	1595	1594	1593	1592	1591	1590	1589	1588	1587	1586	1585	1584	1583	1582	1581	1580	1579	1578	1577	1576	1575	1574	1573	1572	1571	1570	1569	1568	1567	1566</
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[illegible][illegible][illegible]

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM					
6:15 AM	6:30 AM					
6:30 AM	6:45 AM					
6:45 AM	7:00 AM					0
7:00 AM	7:15 AM					0
7:15 AM	7:30 AM					0
7:30 AM	7:45 AM					0
7:45 AM	8:00 AM					0
8:00 AM	8:15 AM					0
8:15 AM	8:30 AM					0
8:30 AM	8:45 AM					0
8:45 AM	9:00 AM					0
9:00 AM	9:15 AM					0
9:15 AM	9:30 AM					0
9:30 AM	9:45 AM					0
9:45 AM	10:00 AM					0
10:00 AM	10:15 AM					0
10:15 AM	10:30 AM					0
10:30 AM	10:45 AM					0
10:45 AM	11:00 AM					0
11:00 AM	11:15 AM					0
11:15 AM	11:30 AM					0
11:30 AM	11:45 AM					0
11:45 AM	12:00 PM					0
12:00 PM	12:15 PM					0
12:15 PM	12:30 PM					0
12:30 PM	12:45 PM					0
12:45 PM	1:00 PM					0
1:00 PM	1:15 PM					0
1:15 PM	1:30 PM					0
1:30 PM	1:45 PM					0
1:45 PM	2:00 PM					0
2:00 PM	2:15 PM					0
2:15 PM	2:30 PM					0

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
2:30 PM	2:45 PM					0
2:45 PM	3:00 PM					0
3:00 PM	3:15 PM					0
3:15 PM	3:30 PM					0
3:30 PM	3:45 PM					0
3:45 PM	4:00 PM					0
4:00 PM	4:15 PM					0
4:15 PM	4:30 PM					0
4:30 PM	4:45 PM					0
4:45 PM	5:00 PM					0
5:00 PM	5:15 PM					0
5:15 PM	5:30 PM					0
5:30 PM	5:45 PM					0
5:45 PM	6:00 PM					0
6:00 PM	6:15 PM					0
6:15 PM	6:30 PM					0
6:30 PM	6:45 PM					0
6:45 PM	7:00 PM					0
Peak Period - AM		0	0	0	0	0
Peak Period - PM		0	0	0	0	0
Total		0	0	0	0	0

Golf Course Site Information	
Site Location	Merewether Golf Club
Year Opened	
Other Uses Operating On Site	
Driving Range? (y/n) Operating Times	
Café / Restaurant Floor Area (GFA) (m2)	
Café / Restaurant seating capacity	
Function Room Floor Area	
Total undercover parking bays (if any)	
Parking spaces reserved for members or staff only	
Weekday Opening Hours	
Saturday Opening Hours	
Sunday Opening Hours	
Busiest Day	
Regular Competition Days	
Standard Interval Between Tee-off Times	
Cart Hire? (y/n)	
Traffic Surveyor Comments (eg. Local issues?, Roadworks?, Closed Areas?, Disability Access?, etc)	

Site Map



Site Location	Merewether Golf Club
Survey Date	19th, 20th & 23rd June 2021
Survey Period	6:00am to 7:00pm



tuesday 19th June 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	13	15	0	0
6:30 AM	7	7	2	1
6:45 AM	14	15	0	0
7:00 AM	17	19	0	0
7:15 AM	13	14	0	2
7:30 AM	7	8	0	0
7:45 AM	3	3	0	1
8:00 AM	6	7	0	0
8:15 AM	2	3	0	1
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
9:00 AM	3	3	0	0
9:15 AM	2	3	0	0
9:30 AM	0	0	0	0
9:45 AM	3	3	0	0
10:00 AM	0	0	0	0
10:15 AM	0	0	0	0
10:30 AM	8	8	0	0
10:45 AM	8	9	0	1
11:00 AM	6	8	0	2
11:15 AM	5	5	0	1
11:30 AM	6	6	0	0
11:45 AM	4	4	0	0
12:00 PM	5	5	0	0
12:15 PM	2	3	0	0
12:30 PM	1	1	0	0
12:45 PM	1	1	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	0	0	0	0
1:45 PM	2	3	0	0
2:00 PM	0	0	0	0
2:15 PM	0	0	0	0
2:30 PM	3	6	0	0
2:45 PM	1	2	0	0
3:00 PM	1	1	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	1	1	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	144	163	2	9

Sunday 20th June 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	6	7	0	0
6:30 AM	3	3	0	0
6:45 AM	1	1	0	0
7:00 AM	6	7	0	0
7:15 AM	10	11	0	0
7:30 AM	5	6	0	0
7:45 AM	2	3	0	0
8:00 AM	1	1	0	1
8:15 AM	0	0	0	0
8:30 AM	1	1	0	0
8:45 AM	0	0	0	0
9:00 AM	1	1	0	0
9:15 AM	0	0	0	1
9:30 AM	2	2	0	0
9:45 AM	1	1	0	0
10:00 AM	0	0	0	0
10:15 AM	0	0	0	0
10:30 AM	7	9	0	0
10:45 AM	7	10	0	0
11:00 AM	3	4	0	0
11:15 AM	2	3	0	0
11:30 AM	1	1	0	0
11:45 AM	3	3	0	0
12:00 PM	1	1	0	0
12:15 PM	2	2	0	0
12:30 PM	2	2	0	0
12:45 PM	3	4	0	0
1:00 PM	1	2	0	0
1:15 PM	0	0	0	0
1:30 PM	0	0	0	0
1:45 PM	1	1	0	0
2:00 PM	0	0	0	0
2:15 PM	3	3	0	0
2:30 PM	0	0	0	0
2:45 PM	1	1	0	0
3:00 PM	0	0	0	0
3:15 PM	1	1	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	2	3	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	79	94	0	2

Wednesday 23rd June 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	1	1	0	0
6:30 AM	2	2	0	0
6:45 AM	3	3	0	0
7:00 AM	7	7	0	0
7:15 AM	6	6	0	0
7:30 AM	10	11	0	0
7:45 AM	10	10	0	0
8:00 AM	22	22	0	1
8:15 AM	16	18	0	1
8:30 AM	10	11	0	1
8:45 AM	3	3	0	0
9:00 AM	5	5	0	1
9:15 AM	2	2	0	2
9:30 AM	0	0	0	0
9:45 AM	3	3	0	0
10:00 AM	2	2	0	0
10:15 AM	0	0	0	0
10:30 AM	2	2	0	0
10:45 AM	3	4	0	0
11:00 AM	3	3	0	1
11:15 AM	0	0	0	0
11:30 AM	3	3	0	0
11:45 AM	5	6	0	0
12:00 PM	4	4	0	0
12:15 PM	2	3	0	0
12:30 PM	9	12	0	0
12:45 PM	7	10	0	0
1:00 PM	5	7	0	0
1:15 PM	5	6	0	0
1:30 PM	6	6.1	1	0
1:45 PM	5	5	0	0
2:00 PM	6	11	0	0
2:15 PM	3	3	0	0
2:30 PM	0	0	0	0
2:45 PM	5	5	0	0
3:00 PM	2	2	0	0
3:15 PM	5	8	0	0
3:30 PM	2	2	0	0
3:45 PM	3	3	0	1
4:00 PM	4	4	0	0
4:15 PM	3	3	0	0
4:30 PM	2	2	0	0
4:45 PM	2	3	0	0
5:00 PM	1	1	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	199	224.1	1	8

GOLF COURSE TRIP GENERATION SURVEY


[illegible]

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

[illegible]

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

GOLF COURSE TRIP GENERATION SURVEY

Site Location:- Jerewether Golf Club				
Survey Day and Date:- Tuesday 19th June 2021				
Survey Period:- 8:00am - 10:00am				
Surveyors Name:- Simon				
Interview Number	Please answer the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	Spears Point	VD	ON	G
2	2300	VD	ON	G
3	2290	VD	ON	G
4	2303	VD	ON	G
5	2291	VD	ON	G
6	2289	VD	ON	G
7	2289	VD	ON	G
8	2299	VD	ON	G
9	2289	VD	ON	G
10	2300	VD	ON	W
11	2289	VD	ON	W
12	2290	VD	ON	G
13	2300	VD	ON	G
14	2289	VD	ON	Tai-Chi
15	2291	VD	ON	W
16	2289	VD	ON	G
17				
18				
19				
20				
21				
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38				

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

TDC
Tilburg University

[illegible]

Table 1: Summary of the 12-month data						
Year	Q1	Q2	Q3	Q4	Q5	Q6
2019	1.2	1.5	1.8	2.1	2.4	2.7
2020	1.5	1.8	2.1	2.4	2.7	3.0
2021	1.8	2.1	2.4	2.7	3.0	3.3
2022	2.1	2.4	2.7	3.0	3.3	3.6
2023	2.4	2.7	3.0	3.3	3.6	3.9
2024	2.7	3.0	3.3	3.6	3.9	4.2
2025	3.0	3.3	3.6	3.9	4.2	4.5
2026	3.3	3.6	3.9	4.2	4.5	4.8
2027	3.6	3.9	4.2	4.5	4.8	5.1
2028	3.9	4.2	4.5	4.8	5.1	5.4
2029	4.2	4.5	4.8	5.1	5.4	5.7
2030	4.5	4.8	5.1	5.4	5.7	6.0
2031	4.8	5.1	5.4	5.7	6.0	6.3
2032	5.1	5.4	5.7	6.0	6.3	6.6
2033	5.4	5.7	6.0	6.3	6.6	6.9
2034	5.7	6.0	6.3	6.6	6.9	7.2
2035	6.0	6.3	6.6	6.9	7.2	7.5
2036	6.3	6.6	6.9	7.2	7.5	7.8
2037	6.6	6.9	7.2	7.5	7.8	8.1
2038	6.9	7.2	7.5	7.8	8.1	8.4
2039	7.2	7.5	7.8	8.1	8.4	8.7
2040	7.5	7.8	8.1	8.4	8.7	9.0
2041	7.8	8.1	8.4	8.7	9.0	9.3
2042	8.1	8.4	8.7	9.0	9.3	9.6
2043	8.4	8.7	9.0	9.3	9.6	9.9
2044	8.7	9.0	9.3	9.6	9.9	10.2
2045	9.0	9.3	9.6	9.9	10.2	10.5
2046	9.3	9.6	9.9	10.2	10.5	10.8
2047	9.6	9.9	10.2	10.5	10.8	11.1
2048	9.9	10.2	10.5	10.8	11.1	11.4
2049	10.2	10.5	10.8	11.1	11.4	11.7
2050	10.5	10.8	11.1	11.4	11.7	12.0
2051	10.8	11.1	11.4	11.7	12.0	12.3
2052	11.1	11.4	11.7	12.0	12.3	12.6
2053	11.4	11.7	12.0	12.3	12.6	12.9
2054	11.7	12.0	12.3	12.6	12.9	13.2
2055	12.0	12.3	12.6	12.9	13.2	13.5
2056	12.3	12.6	12.9	13.2	13.5	13.8
2057	12.6	12.9	13.2	13.5	13.8	14.1
2058	12.9	13.2	13.5	13.8	14.1	14.4
2059	13.2	13.5	13.8	14.1	14.4	14.7
2060	13.5	13.8	14.1	14.4	14.7	15.0
2061	13.8	14.1	14.4	14.7	15.0	15.3
2062	14.1	14.4	14.7	15.0	15.3	15.6
2063	14.4	14.7	15.0	15.3	15.6	15.9
2064	14.7	15.0	15.3	15.6	15.9	16.2
2065	15.0	15.3	15.6	15.9	16.2	16.5
2066	15.3	15.6	15.9	16.2	16.5	16.8
2067	15.6	15.9	16.2	16.5	16.8	17.1
2068	15.9	16.2	16.5	16.8	17.1	17.4
2069	16.2	16.5	16.8	17.1	17.4	17.7
2070	16.5	16.8	17.1	17.4	17.7	18.0
2071	16.8	17.1	17.4	17.7	18.0	18.3
2072	17.1	17.4	17.7	18.0	18.3	18.6

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500
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10 min	15 min	30 min	IN	OUT	Monthly Total
00:00-00:15	0.00	0.00	0	0	0
00:15-00:30	0.00	0.00	0	0	0
00:30-00:45	0.00	0.00	0	0	0
00:45-01:00	0.00	0.00	0	0	0
01:00-01:15	0.00	0.00	0	0	0
01:15-01:30	0.00	0.00	0	0	0
01:30-01:45	0.00	0.00	0	0	0
01:45-02:00	0.00	0.00	0	0	0
02:00-02:15	0.00	0.00	0	0	0
02:15-02:30	0.00	0.00	0	0	0
02:30-02:45	0.00	0.00	0	0	0
02:45-03:00	0.00	0.00	0	0	0
03:00-03:15	0.00	0.00	0	0	0
03:15-03:30	0.00	0.00	0	0	0
03:30-03:45	0.00	0.00	0	0	0
03:45-04:00	0.00	0.00	0	0	0
04:00-04:15	0.00	0.00	0	0	0
04:15-04:30	0.00	0.00	0	0	0
04:30-04:45	0.00	0.00	0	0	0
04:45-05:00	0.00	0.00	0	0	0
05:00-05:15	0.00	0.00	0	0	0
05:15-05:30	0.00	0.00	0	0	0
05:30-05:45	0.00	0.00	0	0	0
05:45-06:00	0.00	0.00	0	0	0
06:00-06:15	0.00	0.00	0	0	0
06:15-06:30	0.00	0.00	0	0	0
06:30-06:45	0.00	0.00	0	0	0
06:45-07:00	0.00	0.00	0	0	0
07:00-07:15	0.00	0.00	0	0	0
07:15-07:30	0.00	0.00	0	0	0
07:30-07:45	0.00	0.00	0	0	0
07:45-08:00	0.00	0.00	0	0	0
08:00-08:15	0.00	0.00	0	0	0
08:15-08:30	0.00	0.00	0	0	0
08:30-08:45	0.00	0.00	0	0	0
08:45-09:00	0.00	0.00	0	0	0
09:00-09:15	0.00	0.00	0	0	0
09:15-09:30	0.00	0.00	0	0	0
09:30-09:45	0.00	0.00	0	0	0
09:45-10:00	0.00	0.00	0	0	0
10:00-10:15	0.00	0.00	0	0	0
10:15-10:30	0.00	0.00	0	0	0
10:30-10:45	0.00	0.00	0	0	0
10:45-11:00	0.00	0.00	0	0	0
11:00-11:15	0.00	0.00	0	0	0
11:15-11:30	0.00	0.00	0	0	0
11:30-11:45	0.00	0.00	0	0	0
11:45-12:00	0.00	0.00	0	0	0
12:00-12:15	0.00	0.00	0	0	0
12:15-12:30	0.00	0.00	0	0	0
12:30-12:45	0.00	0.00	0	0	0
12:45-01:00	0.00	0.00	0	0	0
01:00-01:15	0.00	0.00	0	0	0
01:15-01:30	0.00	0.00	0	0	0
01:30-01:45	0.00	0.00	0	0	0
01:45-02:00	0.00	0.00	0	0	0
02:00-02:15	0.00	0.00	0	0	0
02:15-02:30	0.00	0.00	0	0	0
02:30-02:45	0.00	0.00	0	0	0
02:45-03:00	0.00	0.00	0	0	0
03:00-03:15	0.00	0.00	0	0	0
03:15-03:30	0.00	0.00	0	0	0
03:30-03:45	0.00	0.00	0	0	0
03:45-04:00	0.00	0.00	0	0	0
04:00-04:15	0.00	0.00	0	0	0
04:15-04:30	0.00	0.00	0	0	0
04:30-04:45	0.00	0.00	0	0	0
04:45-05:00	0.00	0.00	0	0	0
05:00-05:15	0.00	0.00	0	0	0
05:15-05:30	0.00				

Category	Sub-category	SN	IN	OUT	Weekly Total
10 min	10 min	1	0	0	0
	10 min	2	0	0	0
	10 min	3	0	0	0
10 min	10 min	4	0	0	0
	10 min	5	0	0	0
	10 min	6	0	0	0
10 min	10 min	7	0	0	0
	10 min	8	0	0	0
	10 min	9	0	0	0
10 min	10 min	10	0	0	0
	10 min	11	0	0	0
	10 min	12	0	0	0
10 min	10 min	13	0	0	0
	10 min	14	0	0	0
	10 min	15	0	0	0
10 min	10 min	16	0	0	0
	10 min	17	0	0	0
	10 min	18	0	0	0
10 min	10 min	19	0	0	0
	10 min	20	0	0	0
	10 min	21	0	0	0
10 min	10 min	22	0	0	0
	10 min	23	0	0	0
	10 min	24	0	0	0
10 min	10 min	25	0	0	0
	10 min	26	0	0	0
	10 min	27	0	0	0
10 min	10 min	28	0	0	0
	10 min	29	0	0	0
	10 min	30	0	0	0
10 min	10 min	31	0	0	0
	10 min	32	0	0	0
	10 min	33	0	0	0
10 min	10 min	34	0	0	0
	10 min	35	0	0	0
	10 min	36	0	0	0
10 min	10 min	37	0	0	0
	10 min	38	0	0	0
	10 min	39	0	0	0
10 min	10 min	40	0	0	0
	10 min	41	0	0	0
	10 min	42	0	0	0
10 min	10 min	43	0	0	0
	10 min	44	0	0	0
	10 min	45	0	0	0
10 min	10 min	46	0	0	0
	10 min	47	0	0	0
	10 min	48	0	0	0
10 min	10 min	49	0	0	0
	10 min	50	0	0	0
	10 min	51	0	0	0
10 min	10 min	52	0	0	0
	10 min	53	0	0	0
	10 min	54	0	0	0
10 min	10 min	55	0	0	0
	10 min	56	0	0	0
	10 min	57	0	0	0
10 min	10 min	58	0	0	0
	10 min	59	0	0	0
	10 min	60	0	0	0
10 min	10 min	61	0	0	0
	10 min	62	0	0	0
	10 min	63	0	0	0
10 min	10 min	64	0	0	0
	10 min	65	0	0	0
	10 min	66	0	0	0
10 min	10 min	67	0	0	0
	10 min	68	0	0	0
	10 min	69	0	0	0
10 min	10 min	70	0	0	0
	10 min	71	0	0	0
	10 min	72	0	0	0
10 min	10 min	73	0	0	0
	10 min	74	0	0	0
	10 min	75	0	0	0
10 min	10 min	76	0	0	0
	10 min	77	0	0	0
	10 min	78	0	0	0
10 min	10 min	79	0	0	0
	10 min	80	0	0	0
	10 min	81	0	0	0
10 min	10 min	82	0	0	0
	10 min	83	0	0	0
	10 min	84	0	0	0
10 min	10 min	85	0	0	0
	10 min	86	0	0	0
	10 min	87	0	0	0
10 min	10 min	88	0	0	0
	10 min	89	0	0	0
	10 min	90	0	0	0
10 min	10 min	91	0	0	0
	10 min	92	0	0	0
	10 min	93	0	0	0
10 min	10 min	94	0	0	0
	10 min	95	0	0	0
	10 min	96	0	0	0
10 min	10 min	97	0	0	0
	10 min	98	0	0	0
	10 min	99	0	0	0
10 min	10 min	100	0	0	0
	10 min	101	0	0	0
	10 min	102	0	0	0
10 min	10 min	103	0	0	0
	10 min	104	0	0	0
	10 min	105	0	0	0
10 min	10 min	106	0	0	0
	10 min	107	0	0	0
	10 min	108	0	0	0
10 min	10 min	109	0	0	0
	10 min	110	0	0	0
	10 min	111	0	0	0
10 min	10 min	112	0	0	0
	10 min	113	0	0	0
	10 min	114	0	0	0
10 min	10 min	115	0	0	0
	10 min	116	0	0	0
	10 min	117	0	0	0
10 min	10 min	118	0	0	0
	10 min	119	0	0	0
	10 min	120	0	0	0

[illegible]

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM					
6:15 AM	6:30 AM					
6:30 AM	6:45 AM					
6:45 AM	7:00 AM					0
7:00 AM	7:15 AM					0
7:15 AM	7:30 AM					0
7:30 AM	7:45 AM					0
7:45 AM	8:00 AM					0
8:00 AM	8:15 AM					0
8:15 AM	8:30 AM					0
8:30 AM	8:45 AM					0
8:45 AM	9:00 AM					0
9:00 AM	9:15 AM					0
9:15 AM	9:30 AM					0
9:30 AM	9:45 AM					0
9:45 AM	10:00 AM					0
10:00 AM	10:15 AM					0
10:15 AM	10:30 AM					0
10:30 AM	10:45 AM					0
10:45 AM	11:00 AM					0
11:00 AM	11:15 AM					0
11:15 AM	11:30 AM					0
11:30 AM	11:45 AM					0
11:45 AM	12:00 PM					0
12:00 PM	12:15 PM					0
12:15 PM	12:30 PM					0
12:30 PM	12:45 PM					0
12:45 PM	1:00 PM					0
1:00 PM	1:15 PM					0
1:15 PM	1:30 PM					0
1:30 PM	1:45 PM					0
1:45 PM	2:00 PM					0
2:00 PM	2:15 PM					0
2:15 PM	2:30 PM					0

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
2:30 PM	2:45 PM					0
2:45 PM	3:00 PM					0
3:00 PM	3:15 PM					0
3:15 PM	3:30 PM					0
3:30 PM	3:45 PM					0
3:45 PM	4:00 PM					0
4:00 PM	4:15 PM					0
4:15 PM	4:30 PM					0
4:30 PM	4:45 PM					0
4:45 PM	5:00 PM					0
5:00 PM	5:15 PM					0
5:15 PM	5:30 PM					0
5:30 PM	5:45 PM					0
5:45 PM	6:00 PM					0
6:00 PM	6:15 PM					0
6:15 PM	6:30 PM					0
6:30 PM	6:45 PM					0
6:45 PM	7:00 PM					0
Peak Period - AM		0	0	0	0	0
Peak Period - PM		0	0	0	0	0
Total		0	0	0	0	0

Golf Course Site Information	
Site Location	Moore Park Golf Club
Year Opened	
Other Uses Operating On Site	
Driving Range? (y/n) Operating Times	
Café / Restaurant Floor Area (GFA) (m2)	
Café / Restaurant seating capacity	
Function Room Floor Area	
Total undercover parking bays (if any)	
Parking spaces reserved for members or staff only	
Weekday Opening Hours	
Saturday Opening Hours	
Sunday Opening Hours	
Busiest Day	
Regular Competition Days	
Standard Interval Between Tee-off Times	
Cart Hire? (y/n)	
Traffic Surveyor Comments (eg. Local issues?, Roadworks?, Closed Areas?, Disability Access?, etc)	

Site Map





Site Location	Moore Park Golf Club
Survey Date	15th, 16th & 19th May 2021
Survey Period	6:00am to 7:00pm



aturday 1st May 2021


Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants	Entering	Entering
6:00 AM	21	23	3	0
6:15 AM	17	17	0	0
6:30 AM	8	9	0	0
6:45 AM	14	16	0	0
7:00 AM	32	37	0	0
7:15 AM	30	43	0	0
7:30 AM	39	68	1	0
7:45 AM	29	52	1	1
8:00 AM	35	56	0	1
8:15 AM	42	70	2	1
8:30 AM	46	85	0	1
8:45 AM	21	30	0	1
9:00 AM	31	56	0	2
9:15 AM	37	71	0	0
9:30 AM	33	53	2	0
9:45 AM	35	56	0	1
10:00 AM	26	39	0	0
10:15 AM	32	62	0	3
10:30 AM	22	32	2	0
10:45 AM	12	21	0	4
11:00 AM	23	34	0	0
11:15 AM	39	58	1	0
11:30 AM	27	41	0	3
11:45 AM	27	37	0	0
12:00 PM	26	41	0	0
12:15 PM	39	54	0	0
12:30 PM	34	47	0	0
12:45 PM	35	45	0	5
1:00 PM	19	32	0	0
1:15 PM	21	29	0	0
1:30 PM	20	28	0	0
1:45 PM	30	41	0	0
2:00 PM	25	32	1	0
2:15 PM	28	36	0	0
2:30 PM	21	31	0	0
2:45 PM	22	27	0	6
3:00 PM	23	31	0	0
3:15 PM	20	32	1	2
3:30 PM	17	24	0	0
3:45 PM	9	15	0	0
4:00 PM	21	28	0	9
4:15 PM	11	15	0	0
4:30 PM	13	16	1	0
4:45 PM	11	18	0	0
5:00 PM	9	12	0	0
5:15 PM	12	13	2	2
5:30 PM	7	8	2	0
5:45 PM	3	5	0	0
6:00 PM	4	6	1	0
6:15 PM	7	7	0	0
6:30 PM	13	18	0	0
6:45 PM	14	22	1	0
13 Hr Total	1192	1779	21	42


Sunday 2nd May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants	Entering	Entering
6:00 AM	15	18	0	0
6:15 AM	17	21	0	1
6:30 AM	14	14	1	0
6:45 AM	16	21	0	0
7:00 AM	4	5	0	0
7:15 AM	21	30	0	1
7:30 AM	25	40	2	0
7:45 AM	21	25	0	0
8:00 AM	14	20	1	0
8:15 AM	35	53	1	0
8:30 AM	28	42	1	0
8:45 AM	31	38	2	0
9:00 AM	20	27	0	0
9:15 AM	35	52	0	0
9:30 AM	22	27	0	0
9:45 AM	17	21	0	0
10:00 AM	16	25	0	1
10:15 AM	20	32	1	0
10:30 AM	22	32	1	0
10:45 AM	21	28	0	0
11:00 AM	47	81	1	0
11:15 AM	25	36	0	0
11:30 AM	21	31	0	2
11:45 AM	28	66	0	0
12:00 PM	17	23	0	0
12:15 PM	26	54	1	0
12:30 PM	29	43	0	0
12:45 PM	36	54	0	0
1:00 PM	25	32	0	0
1:15 PM	19	26	0	0
1:30 PM	17	24	0	0
1:45 PM	33	47	0	0
2:00 PM	9	13	0	0
2:15 PM	19	25	0	1
2:30 PM	30	42	0	1
2:45 PM	17	25	0	2
3:00 PM	33	67	0	0
3:15 PM	17	24	0	0
3:30 PM	8	10	0	0
3:45 PM	15	22	0	1
4:00 PM	20	24	0	0
4:15 PM	21	29	0	3
4:30 PM	6	13	1	0
4:45 PM	16	22	0	0
5:00 PM	12	21	0	0
5:15 PM	6	7	0	0
5:30 PM	9	14	0	0
5:45 PM	10	14	0	0
6:00 PM	9	10	0	2
6:15 PM	7	8	0	0
6:30 PM	8	8	0	0
6:45 PM	8	10	0	0
13 Hr Total	1017	1496	13	15

Wednesday 5th May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants	Entering	Entering
6:00 AM	5	6	0	0
6:15 AM	10	12	0	0
6:30 AM	7	9	0	0
6:45 AM	10	10	0	0
7:00 AM	13	13	0	0
7:15 AM	8	9	0	0
7:30 AM	9	9	0	0
7:45 AM	14	16	0	0
8:00 AM	10	10	0	0
8:15 AM	9	10	0	0
8:30 AM	9	9	1	0
8:45 AM	16	19	1	0
9:00 AM	19	19	0	0
9:15 AM	9	10	0	0
9:30 AM	15	16	0	1
9:45 AM	13	15	0	0
10:00 AM	13	13	0	1
10:15 AM	13	14	0	0
10:30 AM	10	11	0	0
10:45 AM	8	8	0	0
11:00 AM	11	13	0	0
11:15 AM	10	11	0	0
11:30 AM	14	15	0	0
11:45 AM	7	7	1	0
12:00 PM	8	9	0	0
12:15 PM	5	5	0	0
12:30 PM	10	11	0	0
12:45 PM	20	23	0	1
1:00 PM	11	12	0	0
1:15 PM	7	7	0	0
1:30 PM	6	7	0	0
1:45 PM	8	9	0	0
2:00 PM	12	13	0	0
2:15 PM	14	16	0	0
2:30 PM	4	6	0	0
2:45 PM	14	15	0	0
3:00 PM	5	5	0	0
3:15 PM	33	34	0	0
3:30 PM	20	20	0	0
3:45 PM	21	25	0	0
4:00 PM	15	17	0	0
4:15 PM	33	44	0	0
4:30 PM	17	21	0	0
4:45 PM	15	15	0	0
5:00 PM	11	11	0	0
5:15 PM	8	8	0	0
5:30 PM	14	14	0	0
5:45 PM	15	15	0	0
6:00 PM	6	6	0	0
6:15 PM	14	14	0	0
6:30 PM	18	18	0	0
6:45 PM	14	14	0	0
13 Hr Total	640	698	3	3

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		Moore Park Golf Club		
Survey Day and Date:-		Saturday 15th May 2021		
Survey Period:-		8am-10am		
Surveyors Name:-		Paul		
Interview Number	Please refer to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, cafe, bar or function room (F), to work (W), or other (please specify).
1	2010	VD	ON	G/D/F
2	2031	VD	ON	G/D/F
3	2026	VD	ON	D
4	2011	VD	OFF	G/D/F
5	2046	VD	ON	G/D/F
6	2033	VD	ON	G/D/F
7	2023	VD	OFF	G/D/F
8	2026	VD	OFF	D
9	2017	VD	ON	L
10	2193	VD	OFF	G/D/F
11	2088	VD	ON	D
12	2230	VD	ON	G/D/F
13	2010	VD	ON	D
14	2021	VD	OFF	G/D/F
15	2064	VD	ON	G/L
16	2026	VD	OFF	G
17	2017	U		L
18	2010	VD	ON	G
19	2020	VD		G
20	2041	VD	OFF	D
21	2029	VD	OFF	D
22	2061	VD	OFF	D
23	2050	VD	ON	G
24	2018	VD	OFF	D
25	2095	VD	ON	G
26	2010	VD	OFF	G
27	2028	VD	ON	D
28	2060	VD	ON	D
29	2029	VD	ON	L
30	2026	VD	ON	G
31	2046	VD	ON	D
32	2034	VD	OFF	D
33	2229	VD	ON	G
34	2040	VD	ON	D
35	2041	VD	ON	D
36	2022	VD	OFF	G/D/F
37	2039	VD	ON	G
38	2000	VD	ON	G
39	2034	VD	ON	G
40	2141	VD	ON	G
41	2015	VD	ON	G
42	2061	VD	ON	D
43	2024	VD	ON	G
44	2138	VD	ON	D
45	2221	VD	ON	D
46	2027	VP		F
47	2031	VD		G/D/F
48	2010	W		D
49	2039	VD	ON	G
50	2205	VD	ON	G
51	2777	VD	ON	G
52	2023	VD	ON	G
53	2008	VD	ON	G
54	2068	VD	ON	G
55	2011	VD	ON	D
56	2158	VD	ON	D
57	2043	VP		G
58	2031	W	ON	G
59	2022	VD		F
60	2000	VD	ON	G
61	2034	VD	ON	G/D/F
62	2011	VP	ON	G
63	2032	VP	ON	G/L
64	2000	VP	ON	G
65	2017	VP	ON	D
66	2088	VP	ON	D

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:- Moore Park Golf Club				
Survey Day and Date:- Sunday 16th May 2021				
Survey Period:- 8am-10am				
Surveyors Name:- Tom				
Interview Number	Please use to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, cafe, bar or function room (F), to work (W), or other (please specify).
1	2560	VD	ON	D
2	2040	VD	ON	G
3	2217	VD	ON	G
4	2089	VD	ON	G
5	2745	VD	ON	G
6	2025	VD	ON	C/G
7	2031	BUS	OFF	G
8	2016	VP	OFF	G/C
9	2011	VD	ON	G
10	2065	VD	ON	D
11	2063	VP	ON	D
12	2036	VP	ON	G
13	2220	VP	ON	G
14	2022	VP	OFF	G
15	2026	VP	ON	G
16	2062	VP	ON	G
17	2029	VP	ON	D
18	2050	VP	ON	L
19	2088	VD	ON	D
20	2070	VD	ON	D
21	2017	VD	ON	D
22	2020	VP	ON	G
23	2024	VD	ON	G
24	2010	VD	ON	G
25	2010	VD	ON	G
26	2021	VD	ON	G
27	2111	VD	ON	G
28	2036	VD	ON	G
29	2010	U		D
30	2017	VD	ON	G
31	2000	VD	ON	G
32	2018	VD	ON	G
33	2090	VD	ON	G
34	2070	VD	ON	D
35	2024	VD	ON	D
36	2087	VD	ON	L
37	2031	U		G
38	2022	U		G
39	2029	VD	ON	L
40	2047	VD	ON	G
41	2062	VD	ON	G
42	MARRICKVILLE	VD	ON	G
43	2029	VD	ON	D
44	2067	VD	ON	D
45	2016	VD	ON	G
46	2024	T		G/D
47	2088	VD	ON	G
48	2031	VD	ON	D
49	2031	VP	ON	D
50	2027	VP	ON	D
51	2030	VP	ON	D
52	2031	VP	ON	DL
53	2017	VP	ON	D
54	2020	VD	ON	G
55	2022	VD	ON	G
56	2040	VD	ON	G
57	2090	VD	ON	G
58	2153	VD	ON	G
59	2115	VD	ON	G
60	2065	VD	ON	D
61	2031	U		G
62	2041	VD	ON	G
63	2023	VD	ON	G
64	2043	VD	ON	L
65	2051	VD	ON	D
66	2026	VD	ON	D
67		VD	ON	G
68	2045	VD	ON	D
69	2131			
70	2564	VD	ON	D
71	2121	BUS	ON	D
72	2022	VD	ON	D
73	2017	VD	ON	G

GOLF COURSE TRIP GENERATION SURVEY

Site Location:- Moore Park Golf Club				
Survey Day and Date:- Tuesday 19th May 2021				
Survey Period:- 8am-10am				
Surveyors Name:- Paul				
Interview Number	Please see to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, cafe, bar or function room (F), to work (W), or other (please specify).
1	2095	VD	ON	G
2	2010	VD	ON	G
3	2017	VD	ON	G/D
4	2031	VD	ON	G
5	2027	VD	ON	G
6	2050	VD	ON	D
7	2065	VD	ON	G
8	2029	VD	ON	G
9	2008	VD	ON	G
10	2037	VD	ON	G
11	2036	VD	ON	G
12	2031	VD	ON	G
13	2430	VD	ON	G
14	2280	VD	ON	G
15	2009	VD	ON	G
16	2193	VD	ON	G
17	2028	VD	ON	G
18	2009	VD	ON	G
19	2022	VD	ON	G
20	2010	VD	ON	G
21	2007	VD	ON	G
22	2019	VD	ON	G
23	2035	VD	ON	G/D
24	2016	W		G
25	2011	VD	ON	D
26	2032	VD	ON	G/D
27	2030	VD	ON	G
28	2026	VD	ON	G
29	2039	VD	ON	D
30	2022	VD	ON	G
31	2016	VD	ON	G
32	2025	VD	ON	G
33	2088	VD	ON	D
34	2131	VD	ON	D
35	2027	VD	ON	D
36	2023	VD	ON	D
37	2031	VD	ON	D
38	2016	VD	ON	D
39	2030	VD	ON	L
40	2065	VD	ON	D
41	2026	VD	ON	G
42	2026	VD	ON	L



- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

Site Location	Moore Park Golf Club		
Survey Date	15th - 21st May 2021		
Survey Period	6:00am to 7:00pm		



#####						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	18	1	1	0	
6:15 AM	6:30 AM	16	0	0	0	
6:30 AM	6:45 AM	9	0	1	0	
6:45 AM	7:00 AM	27	0	1	0	74
7:00 AM	7:15 AM	19	0	4	0	77
7:15 AM	7:30 AM	27	0	4	0	92
7:30 AM	7:45 AM	43	1	2	1	129
7:45 AM	8:00 AM	34	0	15	1	151
8:00 AM	8:15 AM	19	0	16	2	165
8:15 AM	8:30 AM	29	0	24	0	187
8:30 AM	8:45 AM	17	0	15	0	172
8:45 AM	9:00 AM	12	0	16	0	150
9:00 AM	9:15 AM	18	1	13	0	145
9:15 AM	9:30 AM	18	0	13	0	123
9:30 AM	9:45 AM	21	0	10	0	122
9:45 AM	10:00 AM	29	1	26	0	150
10:00 AM	10:15 AM	12	0	10	1	141
10:15 AM	10:30 AM	18	2	17	0	147
10:30 AM	10:45 AM	16	0	13	3	148
10:45 AM	11:00 AM	13	0	17	0	122
11:00 AM	11:15 AM	17	0	16	0	132
11:15 AM	11:30 AM	28	0	14	0	137
11:30 AM	11:45 AM	12	1	13	0	131
11:45 AM	12:00 PM	17	0	14	0	132
12:00 PM	12:15 PM	18	0	27	0	144
12:15 PM	12:30 PM	27	0	15	0	144
12:30 PM	12:45 PM	18	0	24	0	160
12:45 PM	1:00 PM	19	1	15	0	164
1:00 PM	1:15 PM	19	0	11	0	149
1:15 PM	1:30 PM	22	0	19	0	148
1:30 PM	1:45 PM	24	0	26	0	156
1:45 PM	2:00 PM	25	0	15	2	163
2:00 PM	2:15 PM	22	0	8	1	164
2:15 PM	2:30 PM	24	2	20	0	169
2:30 PM	2:45 PM	24	0	21	1	165
2:45 PM	3:00 PM	19	0	13	0	155
3:00 PM	3:15 PM	19	0	18	1	162
3:15 PM	3:30 PM	15	0	15	0	146
3:30 PM	3:45 PM	16	0	8	1	125
3:45 PM	4:00 PM	9	0	20	0	122
4:00 PM	4:15 PM	14	1	15	0	114
4:15 PM	4:30 PM	13	0	19	0	116
4:30 PM	4:45 PM	11	0	6	0	108
4:45 PM	5:00 PM	6	0	1	0	86
5:00 PM	5:15 PM	7	0	0	0	63
5:15 PM	5:30 PM	14	0	17	0	62
5:30 PM	5:45 PM	6	1	15	0	67
5:45 PM	6:00 PM	4	0	18	3	85
6:00 PM	6:15 PM	4	0	13	1	96
6:15 PM	6:30 PM	4	1	8	1	79
6:30 PM	6:45 PM	14	0	7	0	78
6:45 PM	7:00 PM	14	1	9	0	77
Peak Period - AM		125	1	57	4	187
Peak Period - PM		95	2	69	3	169
Total		920	14	678	19	1631

Friday, 16 April 2021						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	13	1	2	0	
6:15 AM	6:30 AM	19	0	0	0	
6:30 AM	6:45 AM	13	0	0	0	
6:45 AM	7:00 AM	14	0	0	0	62
7:00 AM	7:15 AM	6	0	0	0	52
7:15 AM	7:30 AM	21	0	2	0	56
7:30 AM	7:45 AM	22	0	1	0	66
7:45 AM	8:00 AM	25	0	2	1	80
8:00 AM	8:15 AM	17	0	5	0	96
8:15 AM	8:30 AM	34	0	12	0	119
8:30 AM	8:45 AM	19	0	24	0	139
8:45 AM	9:00 AM	29	0	20	0	160
9:00 AM	9:15 AM	16	0	17	2	173
9:15 AM	9:30 AM	24	1	17	0	169
9:30 AM	9:45 AM	16	2	17	0	161
9:45 AM	10:00 AM	18	0	17	1	148
10:00 AM	10:15 AM	10	0	19	0	142
10:15 AM	10:30 AM	18	0	16	0	134
10:30 AM	10:45 AM	20	1	20	1	141
10:45 AM	11:00 AM	23	0	11	1	140
11:00 AM	11:15 AM	17	1	23	2	154
11:15 AM	11:30 AM	22	0	18	0	160
11:30 AM	11:45 AM	15	1	18	0	152
11:45 AM	12:00 PM	24	2	17	2	162
12:00 PM	12:15 PM	17	2	20	1	159
12:15 PM	12:30 PM	25	0	14	0	158
12:30 PM	12:45 PM	27	0	29	1	181
12:45 PM	1:00 PM	24	1	23	0	184
1:00 PM	1:15 PM	21	0	18	0	183
1:15 PM	1:30 PM	20	1	18	1	184
1:30 PM	1:45 PM	22	0	22	0	171
1:45 PM	2:00 PM	20	0	21	0	164
2:00 PM	2:15 PM	15	1	20	1	162
2:15 PM	2:30 PM	19	0	17	0	158
2:30 PM	2:45 PM	30	1	23	1	169
2:45 PM	3:00 PM	23	0	23	1	175
3:00 PM	3:15 PM	31	0	24	3	196
3:15 PM	3:30 PM	13	0	17	3	193
3:30 PM	3:45 PM	12	0	16	1	167
3:45 PM	4:00 PM	15	0	19	0	154
4:00 PM	4:15 PM	17	1	27	1	142
4:15 PM	4:30 PM	18	1	14	1	143
4:30 PM	4:45 PM	10	0	16	2	142
4:45 PM	5:00 PM	15	0	31	0	154
5:00 PM	5:15 PM	11	0	23	1	143
5:15 PM	5:30 PM	6	0	4	1	120
5:30 PM	5:45 PM	17	0	6	1	116
5:45 PM	6:00 PM	13	1	21	0	105
6:00 PM	6:15 PM	10	1	12	1	94
6:15 PM	6:30 PM	7	0	15	2	107
6:30 PM	6:45 PM	8	0	7	0	98
6:45 PM	7:00 PM	8	0	5	0	76
Peak Period - AM		98	0	73	2	173
Peak Period - PM		103	1	87	5	196
Total		929	19	783	33	1764

Saturday, 17 April 2021						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	6	1	2	0	
6:15 AM	6:30 AM	13	0	1	0	
6:30 AM	6:45 AM	14	0	3	0	
6:45 AM	7:00 AM	5	0	0	0	45
7:00 AM	7:15 AM	5	2	2	1	46
7:15 AM	7:30 AM	8	0	0	0	40
7:30 AM	7:45 AM	2	0	0	0	25
7:45 AM	8:00 AM	9	0	4	0	33
8:00 AM	8:15 AM	6	0	2	1	32
8:15 AM	8:30 AM	2	0	1	0	27
8:30 AM	8:45 AM	4	0	1	0	30
8:45 AM	9:00 AM	6	0	12	0	35
9:00 AM	9:15 AM	11	0	5	1	43
9:15 AM	9:30 AM	11	0	7	0	58
9:30 AM	9:45 AM	9	0	4	0	66
9:45 AM	10:00 AM	13	0	8	0	69
10:00 AM	10:15 AM	18	0	3	0	73
10:15 AM	10:30 AM	20	0	7	0	82
10:30 AM	10:45 AM	11	1	2	1	84
10:45 AM	11:00 AM	18	0	5	0	86
11:00 AM	11:15 AM	9	0	8	0	82
11:15 AM	11:30 AM	14	1	7	0	77
11:30 AM	11:45 AM	12	3	16	2	95
11:45 AM	12:00 PM	16	1	16	0	105
12:00 PM	12:15 PM	13	2	11	0	114
12:15 PM	12:30 PM	13	0	15	0	120
12:30 PM	12:45 PM	9	2	22	0	120
12:45 PM	1:00 PM	17	1	15	1	121
1:00 PM	1:15 PM	8	1	14	2	120
1:15 PM	1:30 PM	16	0	11	0	119
1:30 PM	1:45 PM	8	0	13	2	109
1:45 PM	2:00 PM	5	0	7	0	87
2:00 PM	2:15 PM	6	0	17	1	86
2:15 PM	2:30 PM	6	0	7	1	73
2:30 PM	2:45 PM	8	0	16	0	74
2:45 PM	3:00 PM	13	0	13	0	88
3:00 PM	3:15 PM	17	1	11	0	93
3:15 PM	3:30 PM	10	0	13	0	102
3:30 PM	3:45 PM	12	1	20	0	111
3:45 PM	4:00 PM	13	0	12	2	112
4:00 PM	4:15 PM	7	0	9	0	99
4:15 PM	4:30 PM	13	0	10	0	99
4:30 PM	4:45 PM	12	0	20	1	99
4:45 PM	5:00 PM	14	0	25	1	112
5:00 PM	5:15 PM	10	0	18	1	125
5:15 PM	5:30 PM	10	0	16	0	128
5:30 PM	5:45 PM	12	0	16	0	123
5:45 PM	6:00 PM	11	0	12	0	106
6:00 PM	6:15 PM	11	0	9	0	97
6:15 PM	6:30 PM	14	0	14	0	99
6:30 PM	6:45 PM	6	0	18	0	95
6:45 PM	7:00 PM	9	0	12	0	93
Peak Period - AM		51	5	47	2	105
Peak Period - PM		46	0	79	3	128
Total		545	17	512	18	1092

Sunday, 18 April 2021						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	5	0	1	0	
6:15 AM	6:30 AM	20	0	3	0	
6:30 AM	6:45 AM	11	2	2	2	
6:45 AM	7:00 AM	12	0	1	0	59
7:00 AM	7:15 AM	9	0	9	0	71
7:15 AM	7:30 AM	15	0	4	0	67
7:30 AM	7:45 AM	12	1	3	0	66
7:45 AM	8:00 AM	14	0	5	0	72
8:00 AM	8:15 AM	17	0	3	1	75
8:15 AM	8:30 AM	8	0	3	0	67
8:30 AM	8:45 AM	13	0	5	0	69
8:45 AM	9:00 AM	6	0	8	0	64
9:00 AM	9:15 AM	12	1	12	0	68
9:15 AM	9:30 AM	16	0	6	0	79
9:30 AM	9:45 AM	12	1	7	0	81
9:45 AM	10:00 AM	19	0	4	0	90
10:00 AM	10:15 AM	12	0	6	0	83
10:15 AM	10:30 AM	12	3	7	1	84
10:30 AM	10:45 AM	12	2	8	1	87
10:45 AM	11:00 AM	14	0	9	0	87
11:00 AM	11:15 AM	16	0	4	1	90
11:15 AM	11:30 AM	12	1	8	0	88
11:30 AM	11:45 AM	9	2	15	1	92
11:45 AM	12:00 PM	19	1	8	1	98
12:00 PM	12:15 PM	10	2	15	4	108
12:15 PM	12:30 PM	14	0	15	1	117
12:30 PM	12:45 PM	15	0	24	0	129
12:45 PM	1:00 PM	12	0	11	0	123
1:00 PM	1:15 PM	9	1	18	1	121
1:15 PM	1:30 PM	11	0	11	2	115
1:30 PM	1:45 PM	13	0	11	1	101
1:45 PM	2:00 PM	14	0	14	1	107
2:00 PM	2:15 PM	11	1	12	0	102
2:15 PM	2:30 PM	10	1	20	0	109
2:30 PM	2:45 PM	13	0	22	0	119
2:45 PM	3:00 PM	17	0	7	1	115
3:00 PM	3:15 PM	12	0	13	0	116
3:15 PM	3:30 PM	11	1	20	1	118
3:30 PM	3:45 PM	14	2	23	0	122
3:45 PM	4:00 PM	18	0	19	0	134
4:00 PM	4:15 PM	15	0	16	0	140
4:15 PM	4:30 PM	7	0	13	1	128
4:30 PM	4:45 PM	14	0	12	1	116
4:45 PM	5:00 PM	13	2	16	1	111
5:00 PM	5:15 PM	14	3	29	4	130
5:15 PM	5:30 PM	31	0	19	2	161
5:30 PM	5:45 PM	9	0	30	1	174
5:45 PM	6:00 PM	9	0	21	2	174
6:00 PM	6:15 PM	11	0	9	0	144
6:15 PM	6:30 PM	31	0	16	1	140
6:30 PM	6:45 PM	9	0	10	0	119
6:45 PM	7:00 PM	24	0	9	0	120
Peak Period - AM		56	4	35	3	98
Peak Period - PM		63	3	99	9	174
Total		698	27	596	33	1354

#####						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	22	0	1	0	
6:15 AM	6:30 AM	15	0	2	0	
6:30 AM	6:45 AM	9	1	1	1	
6:45 AM	7:00 AM	24	0	2	0	78
7:00 AM	7:15 AM	19	0	4	1	79
7:15 AM	7:30 AM	12	0	5	0	79
7:30 AM	7:45 AM	12	1	3	0	83
7:45 AM	8:00 AM	14	0	6	0	77
8:00 AM	8:15 AM	22	1	6	0	82
8:15 AM	8:30 AM	12	1	10	2	90
8:30 AM	8:45 AM	8	0	7	0	89
8:45 AM	9:00 AM	13	0	14	0	96
9:00 AM	9:15 AM	8	1	5	1	82
9:15 AM	9:30 AM	10	1	4	1	73
9:30 AM	9:45 AM	16	0	11	1	86
9:45 AM	10:00 AM	14	0	5	0	78
10:00 AM	10:15 AM	11	1	11	1	87
10:15 AM	10:30 AM	19	0	11	2	103
10:30 AM	10:45 AM	10	0	7	1	93
10:45 AM	11:00 AM	11	1	5	1	92
11:00 AM	11:15 AM	13	0	14	0	95
11:15 AM	11:30 AM	10	1	5	0	79
11:30 AM	11:45 AM	16	0	21	1	99
11:45 AM	12:00 PM	9	0	12	0	102
12:00 PM	12:15 PM	16	1	6	1	99
12:15 PM	12:30 PM	12	0	20	1	116
12:30 PM	12:45 PM	9	1	8	0	96
12:45 PM	1:00 PM	22	2	12	0	111
1:00 PM	1:15 PM	17	0	19	0	123
1:15 PM	1:30 PM	9	1	13	2	115
1:30 PM	1:45 PM	14	0	12	0	123
1:45 PM	2:00 PM	3	0	14	0	104
2:00 PM	2:15 PM	16	0	22	0	106
2:15 PM	2:30 PM	15	0	11	3	110
2:30 PM	2:45 PM	8	0	11	1	104
2:45 PM	3:00 PM	15	1	13	0	116
3:00 PM	3:15 PM	7	0	9	0	94
3:15 PM	3:30 PM	19	1	12	0	97
3:30 PM	3:45 PM	14	1	16	1	109
3:45 PM	4:00 PM	18	0	21	0	119
4:00 PM	4:15 PM	8	2	12	3	128
4:15 PM	4:30 PM	13	0	11	0	120
4:30 PM	4:45 PM	21	0	15	3	127
4:45 PM	5:00 PM	15	0	16	0	119
5:00 PM	5:15 PM	12	0	24	0	130
5:15 PM	5:30 PM	9	1	24	0	140
5:30 PM	5:45 PM	15	0	25	0	141
5:45 PM	6:00 PM	19	0	12	0	141
6:00 PM	6:15 PM	16	1	16	0	138
6:15 PM	6:30 PM	12	0	22	0	138
6:30 PM	6:45 PM	18	1	8	0	125
6:45 PM	7:00 PM	31	1	13	1	140
Peak Period - AM		60	1	38	4	103
Peak Period - PM		55	1	85	0	141
Total		732	23	589	29	1373

#####						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	9	0	1	0	
6:15 AM	6:30 AM	8	0	2	0	
6:30 AM	6:45 AM	13	0	1	0	
6:45 AM	7:00 AM	17	1	9	0	61
7:00 AM	7:15 AM	16	0	8	0	75
7:15 AM	7:30 AM	12	1	2	1	81
7:30 AM	7:45 AM	4	0	3	0	74
7:45 AM	8:00 AM	6	0	2	0	55
8:00 AM	8:15 AM	10	1	4	0	46
8:15 AM	8:30 AM	16	0	9	0	55
8:30 AM	8:45 AM	14	0	10	0	72
8:45 AM	9:00 AM	17	0	7	0	88
9:00 AM	9:15 AM	13	0	3	1	90
9:15 AM	9:30 AM	9	0	4	1	79
9:30 AM	9:45 AM	15	1	3	0	74
9:45 AM	10:00 AM	17	0	6	0	73
10:00 AM	10:15 AM	24	0	13	1	94
10:15 AM	10:30 AM	13	0	6	0	99
10:30 AM	10:45 AM	13	0	13	0	106
10:45 AM	11:00 AM	18	1	6	1	109
11:00 AM	11:15 AM	10	1	13	1	96
11:15 AM	11:30 AM	20	0	16	0	113
11:30 AM	11:45 AM	17	1	13	1	119
11:45 AM	12:00 PM	16	1	13	0	123
12:00 PM	12:15 PM	13	0	20	4	135
12:15 PM	12:30 PM	22	1	14	1	137
12:30 PM	12:45 PM	15	1	14	1	136
12:45 PM	1:00 PM	13	0	13	0	132
1:00 PM	1:15 PM	15	1	29	1	141
1:15 PM	1:30 PM	11	0	10	0	124
1:30 PM	1:45 PM	8	0	10	1	112
1:45 PM	2:00 PM	16	0	16	1	119
2:00 PM	2:15 PM	21	1	18	0	113
2:15 PM	2:30 PM	10	0	13	0	115
2:30 PM	2:45 PM	16	1	27	0	140
2:45 PM	3:00 PM	15	1	8	2	133
3:00 PM	3:15 PM	13	3	19	1	129
3:15 PM	3:30 PM	14	0	19	0	139
3:30 PM	3:45 PM	16	3	19	1	134
3:45 PM	4:00 PM	32	1	19	1	161
4:00 PM	4:15 PM	28	0	21	4	178
4:15 PM	4:30 PM	19	0	10	2	176
4:30 PM	4:45 PM	16	1	17	0	171
4:45 PM	5:00 PM	20	0	20	0	158
5:00 PM	5:15 PM	14	2	21	0	142
5:15 PM	5:30 PM	11	0	7	0	129
5:30 PM	5:45 PM	13	0	16	0	124
5:45 PM	6:00 PM	11	0	16	0	111
6:00 PM	6:15 PM	19	1	19	1	114
6:15 PM	6:30 PM	17	0	15	1	129
6:30 PM	6:45 PM	14	0	15	0	129
6:45 PM	7:00 PM	27	0	24	1	154
Peak Period - AM		63	3	55	2	123
Peak Period - PM		90	4	78	6	178
Total		786	25	636	30	1477

#####						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	7	0	2	0	
6:15 AM	6:30 AM	7	0	2	0	
6:30 AM	6:45 AM	8	0	8	0	
6:45 AM	7:00 AM	14	0	6	0	54
7:00 AM	7:15 AM	20	0	8	1	74
7:15 AM	7:30 AM	26	2	8	0	101
7:30 AM	7:45 AM	25	1	9	0	120
7:45 AM	8:00 AM	25	0	13	1	139
8:00 AM	8:15 AM	22	2	7	0	141
8:15 AM	8:30 AM	8	0	3	1	117
8:30 AM	8:45 AM	6	0	2	0	90
8:45 AM	9:00 AM	5	0	4	0	60
9:00 AM	9:15 AM	7	2	6	2	46
9:15 AM	9:30 AM	5	0	3	0	42
9:30 AM	9:45 AM	12	0	2	0	48
9:45 AM	10:00 AM	8	1	6	1	55
10:00 AM	10:15 AM	10	0	6	2	56
10:15 AM	10:30 AM	9	0	6	0	63
10:30 AM	10:45 AM	7	0	10	0	66
10:45 AM	11:00 AM	7	0	8	0	65
11:00 AM	11:15 AM	8	1	3	1	60
11:15 AM	11:30 AM	5	0	5	0	55
11:30 AM	11:45 AM	7	0	10	0	55
11:45 AM	12:00 PM	13	1	6	1	61
12:00 PM	12:15 PM	7	2	6	0	63
12:15 PM	12:30 PM	18	0	12	1	84
12:30 PM	12:45 PM	12	0	11	0	90
12:45 PM	1:00 PM	12	0	12	0	93
1:00 PM	1:15 PM	15	1	16	0	110
1:15 PM	1:30 PM	14	2	17	2	114
1:30 PM	1:45 PM	9	1	17	0	118
1:45 PM	2:00 PM	10	0	21	1	126
2:00 PM	2:15 PM	14	1	33	2	144
2:15 PM	2:30 PM	13	0	16	1	139
2:30 PM	2:45 PM	17	0	17	1	147
2:45 PM	3:00 PM	7	0	13	0	135
3:00 PM	3:15 PM	15	0	22	2	124
3:15 PM	3:30 PM	21	2	15	1	133
3:30 PM	3:45 PM	17	0	7	1	123
3:45 PM	4:00 PM	12	1	7	0	123
4:00 PM	4:15 PM	13	0	10	0	107
4:15 PM	4:30 PM	6	0	7	0	81
4:30 PM	4:45 PM	20	0	20	1	97
4:45 PM	5:00 PM	13	0	14	0	104
5:00 PM	5:15 PM	18	0	26	1	126
5:15 PM	5:30 PM	14	0	21	1	149
5:30 PM	5:45 PM	9	0	25	0	142
5:45 PM	6:00 PM	13	0	28	0	156
6:00 PM	6:15 PM	15	1	11	3	141
6:15 PM	6:30 PM	10	1	12	1	129
6:30 PM	6:45 PM	8	0	18	0	121
6:45 PM	7:00 PM	8	0	9	0	97
Peak Period - AM		98	5	37	1	141
Peak Period - PM		54	0	100	2	156
Total		631	22	586	29	1268

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM					
6:15 AM	6:30 AM					
6:30 AM	6:45 AM					
6:45 AM	7:00 AM					0
7:00 AM	7:15 AM					0
7:15 AM	7:30 AM					0
7:30 AM	7:45 AM					0
7:45 AM	8:00 AM					0
8:00 AM	8:15 AM					0
8:15 AM	8:30 AM					0
8:30 AM	8:45 AM					0
8:45 AM	9:00 AM					0
9:00 AM	9:15 AM					0
9:15 AM	9:30 AM					0
9:30 AM	9:45 AM					0
9:45 AM	10:00 AM					0
10:00 AM	10:15 AM					0
10:15 AM	10:30 AM					0
10:30 AM	10:45 AM					0
10:45 AM	11:00 AM					0
11:00 AM	11:15 AM					0
11:15 AM	11:30 AM					0
11:30 AM	11:45 AM					0
11:45 AM	12:00 PM					0
12:00 PM	12:15 PM					0
12:15 PM	12:30 PM					0
12:30 PM	12:45 PM					0
12:45 PM	1:00 PM					0
1:00 PM	1:15 PM					0
1:15 PM	1:30 PM					0
1:30 PM	1:45 PM					0
1:45 PM	2:00 PM					0
2:00 PM	2:15 PM					0
2:15 PM	2:30 PM					0

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
2:30 PM	2:45 PM					0
2:45 PM	3:00 PM					0
3:00 PM	3:15 PM					0
3:15 PM	3:30 PM					0
3:30 PM	3:45 PM					0
3:45 PM	4:00 PM					0
4:00 PM	4:15 PM					0
4:15 PM	4:30 PM					0
4:30 PM	4:45 PM					0
4:45 PM	5:00 PM					0
5:00 PM	5:15 PM					0
5:15 PM	5:30 PM					0
5:30 PM	5:45 PM					0
5:45 PM	6:00 PM					0
6:00 PM	6:15 PM					0
6:15 PM	6:30 PM					0
6:30 PM	6:45 PM					0
6:45 PM	7:00 PM					0
Peak Period - AM		0	0	0	0	0
Peak Period - PM		0	0	0	0	0
Total		0	0	0	0	0

Golf Course Site Information	
Site Location	Murwillumbah Golf Course, 233 Byangum Rd, Murwillumbah NSW
Year Opened	1962
Other Uses Operating On Site	No
Driving Range? (y/n) Operating Times	Y - 7am - 6pm Tuesday to Sunday
Café / Restaurant Floor Area (GFA) (m2)	100
Café / Restaurant seating capacity	50
Function Room Floor Area	300
Total undercover parking bays (if any)	0
Parking spaces reserved for members or staff only	Director - 10/Kitchen Staff - 1
Weekday Opening Hours	10am - various times
Saturday Opening Hours	10am - 12am
Sunday Opening Hours	10am - 10pm
Busiest Day	Golf Saturday; Clubhouse Friday night
Regular Competition Days	Saturday
Standard Interval Between Tee-off Times	7 minutes
Cart Hire? (y/n)	Y
Traffic Surveyor Comments (eg. Local issues?, Roadworks?, Closed Areas?, Disability Access?, etc)	Additional parking to right of driveway in front of house

Site Map



Site Location	Murwillumbah Golf Course
Survey Date	17th, 18th & 21st April 2021
Survey Period	6:00am to 7:00pm



Occupancy - Saturday 17th April 2021					Traffic & Occupancy - Sunday 18th April 2021					Traffic & Occupancy - Wednesday 21st April 2021				
Parking Occupancy					Parking Occupancy					Parking Occupancy				
6:00am	14	occupied spaces			6:00am	11	occupied spaces			6:00am	9	occupied spaces		
10:00am	111	occupied spaces			10:00am	67	occupied spaces			10:00am	92	occupied spaces		
7:00pm	44	occupied spaces			7:00pm	13	occupied spaces			7:00pm	32	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped	Time (15-min band)	Car	Truck	Bicycle	Ped	Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	2,1,1,1,1,2,1,1,1,1,1,1,1,1,1,1				6:00 AM	1,1,1,2,1,1,2,1,1			1	6:00 AM	1,1,1,1,1,1			
6:15 AM	2,1,1,1,2,1,2,1,1				6:15 AM	1,1,1,2,1				6:15 AM	1,1,1,1,1			
6:30 AM	1,1,1,1,1,1,2,1,1,1,1,2,1,3,1,1,1				6:30 AM	1,1				6:30 AM	1,1,1,1,1,1,1			
6:45 AM	1,1,1,1,1,2,1,1,1,1,1,1,1,1,2				6:45 AM	2,1,1,1,2,1				6:45 AM	1,1,1,1,1,1			
7:00 AM	1,1,2,1,1,1,1,1				7:00 AM	2,1,1,1,4,2,1				7:00 AM	1,1,1,1,1,1,1,1,1			
7:15 AM	1,1,1,1,1,1,1,1,1,1,1				7:15 AM	4				7:15 AM	1,1,1,1,1,1,1,1,1,1,1,1,1			
7:30 AM	1,1,1,1,1,1,1,1,1,1,1,1,1			1	7:30 AM	3				7:30 AM	1,1,1,1,1,1,1,1	1		
7:45 AM	1,1,1,1,2,2,1,1,1				7:45 AM	1,1,1				7:45 AM	1,1,1,1			
8:00 AM	1				8:00 AM	5				8:00 AM	1,2,1,1			
8:15 AM					8:15 AM					8:15 AM	1,1,1,1,2,1			
8:30 AM	1				8:30 AM					8:30 AM	1,1,1,1,1,1			
8:45 AM					8:45 AM	1,4,1,1,1,1,1,1				8:45 AM	1,1,1,1,1			
9:00 AM					9:00 AM	2,1,1,1				9:00 AM	1,1			
9:15 AM	1,1				9:15 AM	2,3,1,2		1		9:15 AM	1,2,1,1			
9:30 AM	1				9:30 AM	1,2,1,1			5	9:30 AM	1,2,1,1,4			
9:45 AM	1				9:45 AM	2,2,1				9:45 AM	1			
10:00 AM	1,1,2,3,1,1,1				10:00 AM	1				10:00 AM	1,1,1,1,1,2,1,1,1,1,1			
10:15 AM	1,1,1,1,2,1,1,1				10:15 AM	2,2			3	10:15 AM	1,1,1			
10:30 AM	1,1,1,1,1,1,1,1,1				10:30 AM	1,2,1				10:30 AM	1,1,1,1			1
10:45 AM	1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,2,2,2,3			2	10:45 AM	1,1,1,2,1,4,1				10:45 AM	1,1,1,1,1			1
11:00 AM	2,2,2,2,3				11:00 AM	1,2,1,2,2,1				11:00 AM	1			1
11:15 AM	2,2,2,1,1,2,2,2,2,1,1,1,1,1,1,1				11:15 AM	1,2,2,2,1		1		11:15 AM	3,1,1,1,1			
11:30 AM	1,1,1,1,1,1,1,2,1,1,1	1		1	11:30 AM	1			1	11:30 AM	2,2,1,1,1,1,1,1,1,1	1		
11:45 AM	1,2,1,4,2,1,1				11:45 AM	2,1,2,2,1,1,1				11:45 AM	1,1,1			
12:00 PM	2,2,3,4,1,1,2,2,1,1				12:00 PM	2,1,1,2				12:00 PM	1,1,1			
12:15 PM	1,3,1				12:15 PM	1,2				12:15 PM	1,1,1			
12:30 PM	4,2,2,1,3,1,1,1,1				12:30 PM	2,2,1				12:30 PM	1,2	1		
12:45 PM	1,1				12:45 PM	1,2				12:45 PM	1,2,4,1,2			
1:00 PM	2,2,2				1:00 PM	1,2,2,1,2				1:00 PM	1,2			
1:15 PM	1,1,2,2,1				1:15 PM	2,1,1,2,1,2,1,2				1:15 PM	1,1,2	1		
1:30 PM	2,1				1:30 PM	1,5,1,1				1:30 PM	1,2,1			
1:45 PM	1				1:45 PM	1,2,1,1,1,2,2,1				1:45 PM	1,1,2,2,2			
2:00 PM	1,1,2,2,1,1				2:00 PM	1,1,1,2,2,1				2:00 PM	1,2			
2:15 PM	2,1				2:15 PM	1,1,1,1,1,1,2,1				2:15 PM	1,2,1			
2:30 PM	1,1,1	1			2:30 PM	2,1,1				2:30 PM	1,1,1			
2:45 PM	1				2:45 PM	1,1,2				2:45 PM	1,2,2			
3:00 PM	1,3				3:00 PM	2,1,3,2,1				3:00 PM	2,2,1,2,2,2,2			
3:15 PM	1,2,1,1				3:15 PM	1,2,2,1,1				3:15 PM	1,1,1,1,1			
3:30 PM	2,1,1,1,1,1,1,2,1				3:30 PM	1,1,1				3:30 PM	1,1,1,2,3,2			
3:45 PM	1,1,1,1,1,2,2,1,1,1				3:45 PM	2,1				3:45 PM	3,2,1,1,3,2	1		
4:00 PM	1				4:00 PM	1,2			1	4:00 PM	2,1,1,1,1,1			
4:15 PM	1,1,1				4:15 PM	1,1,1,1,1,1,1,2			4:15 PM	1,1				
4:30 PM	1,1,1,2				4:30 PM	2,1,1				4:30 PM	1,1,1,1			
4:45 PM	2,2,1,2,1,3,1,1				4:45 PM	1,1,1			1	4:45 PM	1,2,1,2			
5:00 PM	1,1,2,1,1				5:00 PM	1,2,1,2,2,1				5:00 PM	1,1,1,1,1,1,1,1			
5:15 PM	2,1,2,2,1				5:15 PM	2,1,2,1				5:15 PM	1,1,3,2			
5:30 PM	1,2,1,1,1,1,1				5:30 PM					5:30 PM	2,1,1,1,2			
5:45 PM	1,1,2,1,1,1,2,2,1,1				5:45 PM	2,2,1,2,2				5:45 PM	1			
6:00 PM	1,2,1,1,1,1,1,1,2,1,1,1				6:00 PM	2,1,1				6:00 PM	1,1,1,1,1			
6:15 PM	1,1,1,1,1,1,1,1,1,1		1		6:15 PM	1,2,1,2,2,2,1				6:15 PM	1,1,1,1			
6:30 PM	1,1,1,3				6:30 PM	1,2				6:30 PM	1,2,1,2			
6:45 PM	1,1,1,1,3,1		1		6:45 PM	1,2,1				6:45 PM	1			

Site Location	Murwillumbah Golf Course
Survey Date	17th, 18th & 21st April 2021
Survey Period	6:00am to 7:00pm


tuesday 17th April 2021


Start Time	Entering Vehicle		Pedestrians	Cyclists
	Vehicles	Occupants	Entering	Entering
6:00 AM	16	18		
6:15 AM	9	12		
6:30 AM	19	25		
6:45 AM	15	17		
7:00 AM	8	9		
7:15 AM	11	11		
7:30 AM	13	13	1	
7:45 AM	9	11		
8:00 AM	1	1		
8:15 AM	0	0		
8:30 AM	1	1		
8:45 AM	0	0		
9:00 AM	0	0		
9:15 AM	2	2		
9:30 AM	1	1		
9:45 AM	1	1		
10:00 AM	7	10		
10:15 AM	8	9		
10:30 AM	9	9		
10:45 AM	12	12	2	
11:00 AM	19	25		
11:15 AM	16	23		
11:30 AM	13	14	1	
11:45 AM	7	12		
12:00 PM	10	19		
12:15 PM	3	5		
12:30 PM	9	16		
12:45 PM	2	2		
1:00 PM	3	6		
1:15 PM	5	7		
1:30 PM	2	3		
1:45 PM	1	1		
2:00 PM	6	8		
2:15 PM	2	3		
2:30 PM	3	3		
2:45 PM	1	1		
3:00 PM	2	4		
3:15 PM	4	5		
3:30 PM	9	11		
3:45 PM	10	12		
4:00 PM	1	1		
4:15 PM	3	3		
4:30 PM	4	5		
4:45 PM	8	13		
5:00 PM	5	6		
5:15 PM	5	8		
5:30 PM	7	8		
5:45 PM	10	13		
6:00 PM	12	14		
6:15 PM	10	10		1
6:30 PM	4	6		
6:45 PM	5	7		1
13 Hr Total	343	436	4	2

Sunday 18th April 2021


Start Time	Entering Vehicle		Pedestrians	Cyclists
	Vehicles	Occupants	Entering	Entering
6:00 AM	9	11	1	
6:15 AM	5	6		
6:30 AM	2	2		
6:45 AM	6	8		
7:00 AM	7	12		
7:15 AM	4	4		
7:30 AM	3	3		
7:45 AM	3	3		
8:00 AM	1	5		
8:15 AM	0	0		
8:30 AM	0	0		
8:45 AM	8	11		
9:00 AM	4	5		
9:15 AM	4	8		1
9:30 AM	4	5	5	
9:45 AM	3	5		
10:00 AM	1	1		
10:15 AM	2	4	3	
10:30 AM	3	4		
10:45 AM	7	11		
11:00 AM	6	9		
11:15 AM	5	8		1
11:30 AM	1	1	1	
11:45 AM	7	10		
12:00 PM	4	6		
12:15 PM	2	3		
12:30 PM	3	5		
12:45 PM	2	3		
1:00 PM	5	8		
1:15 PM	8	12		
1:30 PM	4	8		
1:45 PM	8	11		
2:00 PM	6	8		
2:15 PM	9	10		
2:30 PM	3	4		
2:45 PM	3	4		
3:00 PM	5	9		
3:15 PM	5	7		
3:30 PM	3	3		
3:45 PM	2	3		
4:00 PM	2	3	1	
4:15 PM	8	9		
4:30 PM	3	4		
4:45 PM	2	2	1	
5:00 PM	6	9		
5:15 PM	4	6		
5:30 PM	0	0		
5:45 PM	5	9		
6:00 PM	2	3		
6:15 PM	7	11		
6:30 PM	2	3		
6:45 PM	3	4		
13 Hr Total	211	303	12	2

Wednesday 21st April 2021

Start Time	Entering Vehicle		Pedestrians	Cyclists
	Vehicles	Occupants	Entering	Entering
6:00 AM	6	6		
6:15 AM	5	5		
6:30 AM	7	7		
6:45 AM	6	6		
7:00 AM	9	9		
7:15 AM	13	13		
7:30 AM	10	10		
7:45 AM	4	4		
8:00 AM	4	5		
8:15 AM	7	8		
8:30 AM	6	6		
8:45 AM	5	5		
9:00 AM	2	2		
9:15 AM	4	5		
9:30 AM	5	9		
9:45 AM	1	1		
10:00 AM	12	13		
10:15 AM	3	3		
10:30 AM	4	4	1	
10:45 AM	5	5	1	
11:00 AM	1	1	1	
11:15 AM	5	7		
11:30 AM	12	14		
11:45 AM	3	3		
12:00 PM	3	3		
12:15 PM	3	3		
12:30 PM	3	4		
12:45 PM	5	10		
1:00 PM	2	3		
1:15 PM	4	5		
1:30 PM	3	4		
1:45 PM	5	8		
2:00 PM	2	3		
2:15 PM	3	4		
2:30 PM	3	3		
2:45 PM	3	5		
3:00 PM	7	13		
3:15 PM	5	5		
3:30 PM	6	10		
3:45 PM	7	13		
4:00 PM	6	7		
4:15 PM	2	3		
4:30 PM	4	4		
4:45 PM	4	6		
5:00 PM	8	8		
5:15 PM	4	7		
5:30 PM	5	7		
5:45 PM	1	1		
6:00 PM	5	5		
6:15 PM	4	4		
6:30 PM	4	6		
6:45 PM	1	1		
13 Hr Total	251	306	3	0


GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		urwillumbah Golf Club		
Survey Day and Date:-		aturday 17th April 2021		
Survey Period:-		8am-10am		
Surveyors Name:-		Olivia		
Interview Number	e to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	2486	VD	ON	G
2	2484	VD	ON	G
3	2484	VD	ON	W/G
4	2484	VD	ON	G
5	2484	VD	ON	G
6	2480	VD	ON	W
7	2484	Buggy		G
8	2484	Buggy		G
9	4277	Buggy		G
10	2484	Buggy		G
11	2484	Buggy		G
12	2486	VD	ON	G
13	2486	VP	ON	G
14	2482	VD	ON	W
15	2484	VD	ON	W
16	2486	VD	ON	G
17	2486	VD	ON	G
18	2486	VP	ON	G
19	4221	VP	ON	G
20	4221	VD	ON	G
21	4226	VP	ON	G
22	4226	VD	ON	G
23	2484	VD	ON	G
24	2484	VP	ON	G
25	2488	VD	ON	G
26	2488	VP	ON	G
27	2485	VD	ON	G
28	2485	VP	ON	G
29	2484	VD	ON	G
30	2489	VD	ON	G
31	2487	VD	ON	G
32	2484	VD	ON	G
33	2484	VP	ON	G
34	2484	VD	ON	G
35	2484	VD	ON	G
36	2484	VD	ON	G
37	2484	VD	ON	G
38	2486	VD	ON	G
39	4306	VD	ON	G
40	4306	VP	ON	G
41	2487	VD	ON	G
42	2486	VD	ON	G
43	2488	VD	ON	G
44	2484	VD	ON	G
45	2484	VP	ON	G
46	2484	VD	ON	G
47	2484	VD	ON	G
48	2484	VP	ON	G
49	2484	VD	ON	G

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		urwillumbah Golf Club		
Survey Day and Date:-		Friday 18th April 2021		
Survey Period:-		8am-10am		
Surveyors Name:-		Olivia		
Interview Number	Please answer the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	4221	VD	ON	G
2	4221	VP	ON	G
3	4221	VP	ON	G
4	2482	VP	ON	G
5	4225	VP	ON	G
6	4225	VD	ON	G
7	2484	VD	ON	G
8	2487	VP	ON	G
9	2487	VD	ON	G
10	2484	VD	ON	G
11	2484	VP	ON	G
12	2484	VD	ON	G
13	2484	VD	ON	G
14	4213	VD	ON	G
15	4209	VD	ON	G
16	4209	VP	ON	G
17	2484	VD	ON	G
18	2484	VP	ON	G
19	2484	VD	ON	G
20	2484	VD	ON	G
21	2486	VD	ON	G
22	4214	VD	ON	G
23	4214	VP	ON	G
24	2484	VD	ON	G
25	4221	VD	ON	G
26	4214	VD	ON	G
27	4212	VP	ON	G
28	2484	VP	ON	G
29	2484	VD	ON	G
30	4220	VD	ON	G
31	4218	VP	ON	G
32	2472	VD	ON	G
33	2484	VP	ON	G
34	2487	VD	ON	G
35	2487	VD	ON	G
36	2303	VD	ON	G
37	2335	VD	ON	G
38	2335	VD	ON	G
39	2335	VP	ON	G
40	2335	VP	ON	G

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

GOLF COURSE TRIP GENERATION SURVEY

Site Location:-		urwillumbah Golf Club		
Survey Day and Date:-		nesday 21st April 2021		
Survey Period:-		8am-10am		
Surveyors Name:-		Olivia		
Interview Number	Please answer the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	2484	VD	ON	G
2	2484	VP	ON	G
3	2486	VD	ON	G
4	4223	VD	ON	G
5	4228	VD	ON	G
6	4225	VD	ON	G
7	4221	VD	ON	G
8	2484	VD	ON	G
9	2484	VD	ON	G
10	2484	VD	ON	G
11	4287	U		G
12	4223	VD	ON	G
13	4223	VD	ON	G
14	2487	VD	ON	G
15	2486	VD	ON	G
16	4221	VD	ON	G
17	4221	VD	ON	G
18	2484	VD	ON	G
19	2484	VD	ON	G
20	2487	VD	ON	G
21	2486	VD	ON	G
22	2487	VD	ON	G
23	2484	VP	ON	G
24	2487	VD	ON	G
25	2480	VD	ON	G
26	2484	VD	ON	G
27	2484	VD	ON	G
28	2487	VD	ON	G
29	4223	VD	ON	G
30	2484	VD	ON	G
31	4223	VP	ON	G
32	2486	VD	ON	G
33	2480	VP	ON	G
34	4154	VP	ON	G
35	2487	VD	ON	G
36	4223	VD	ON	G
37	4844	VD	ON	G
38	2485	VD	ON	G

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

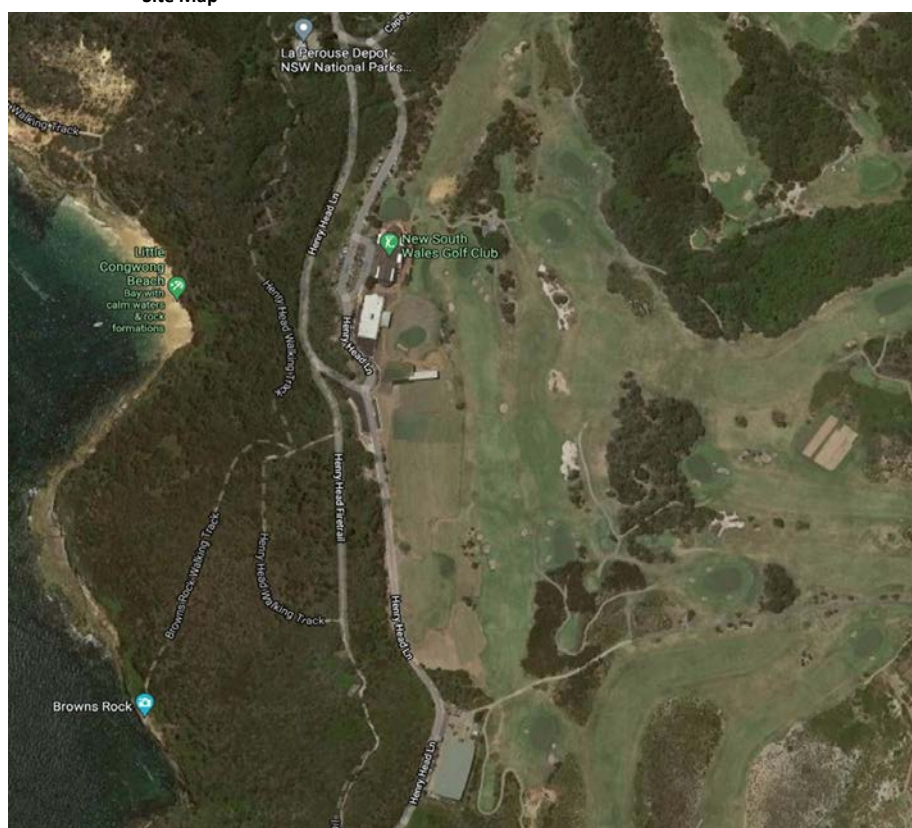
15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM					
6:15 AM	6:30 AM					
6:30 AM	6:45 AM					
6:45 AM	7:00 AM					0
7:00 AM	7:15 AM					0
7:15 AM	7:30 AM					0
7:30 AM	7:45 AM					0
7:45 AM	8:00 AM					0
8:00 AM	8:15 AM					0
8:15 AM	8:30 AM					0
8:30 AM	8:45 AM					0
8:45 AM	9:00 AM					0
9:00 AM	9:15 AM					0
9:15 AM	9:30 AM					0
9:30 AM	9:45 AM					0
9:45 AM	10:00 AM					0
10:00 AM	10:15 AM					0
10:15 AM	10:30 AM					0
10:30 AM	10:45 AM					0
10:45 AM	11:00 AM					0
11:00 AM	11:15 AM					0
11:15 AM	11:30 AM					0
11:30 AM	11:45 AM					0
11:45 AM	12:00 PM					0
12:00 PM	12:15 PM					0
12:15 PM	12:30 PM					0
12:30 PM	12:45 PM					0
12:45 PM	1:00 PM					0
1:00 PM	1:15 PM					0
1:15 PM	1:30 PM					0
1:30 PM	1:45 PM					0
1:45 PM	2:00 PM					0
2:00 PM	2:15 PM					0
2:15 PM	2:30 PM					0

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
2:30 PM	2:45 PM					0
2:45 PM	3:00 PM					0
3:00 PM	3:15 PM					0
3:15 PM	3:30 PM					0
3:30 PM	3:45 PM					0
3:45 PM	4:00 PM					0
4:00 PM	4:15 PM					0
4:15 PM	4:30 PM					0
4:30 PM	4:45 PM					0
4:45 PM	5:00 PM					0
5:00 PM	5:15 PM					0
5:15 PM	5:30 PM					0
5:30 PM	5:45 PM					0
5:45 PM	6:00 PM					0
6:00 PM	6:15 PM					0
6:15 PM	6:30 PM					0
6:30 PM	6:45 PM					0
6:45 PM	7:00 PM					0
Peak Period - AM		0	0	0	0	0
Peak Period - PM		0	0	0	0	0
Total		0	0	0	0	0

Golf Course Site Information	
Site Location	NSW Golf Club, La Perouse
Year Opened	
Other Uses Operating On Site	
Driving Range? (y/n) Operating Times	
Café / Restaurant Floor Area (GFA) (m2)	
Café / Restaurant seating capacity	
Function Room Floor Area	
Total undercover parking bays (if any)	
Parking spaces reserved for members or staff only	
Weekday Opening Hours	
Saturday Opening Hours	
Sunday Opening Hours	
Busiest Day	
Regular Competition Days	
Standard Interval Between Tee-off Times	
Cart Hire? (y/n)	
Traffic Surveyor Comments (eg. Local issues?, Roadworks?, Closed Areas?, Disability Access?, etc)	

Site Map



Site Location	NSW Golf Club, La Perouse
Survey Date	15th, 16th & 19th May 2021
Survey Period	6:00am to 7:00pm



Occupancy - Saturday 1st May 2021

Parking Occupancy				
6:00am	6	occupied spaces		
10:00am	106	occupied spaces		
7:00pm	3	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	1,1,1,1,1,1	0	0	0
6:15 AM	1,1,1,1,1,1,1,1	0	0	0
6:30 AM	1,1,1,2,2,1,1,1,2	1	0	0
6:45 AM	1,1,1,1,1,1,1,1,1,1,1,1,1,1,2	1	0	0
7:00 AM	1,1,1,1,1,1,2,1,2	0	0	0
7:15 AM	1,2,1,1,1,2,1,1,1,1,1	0	0	0
7:30 AM	1,2,1,1,1,1,1,1	1	0	0
7:45 AM	1,1,1,1,1	0	0	0
8:00 AM	0	0	0	0
8:15 AM	1	0	0	0
8:30 AM	1,1	0	0	0
8:45 AM	1,1	1	0	0
9:00 AM	1	0	0	0
9:15 AM	1,1	2	0	0
9:30 AM	1,1,1	1,1	0	0
9:45 AM	1,2	0	0	0
10:00 AM	1,1,1,1	0	0	0
10:15 AM	1,1,1	0	0	0
10:30 AM	1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	0	0	0
10:45 AM	2,1,1,1,1,1,1,1,1	0	0	0
11:00 AM	1,1,1,1,1,1,1,1,1,1,1,1,1	0	0	0
11:15 AM	1,1,2,1,1,2,2,1,1,1,1,1	0	0	0
11:30 AM	1,1,1,1,1,1,1,1,1	1	1	0
11:45 AM	1,1,1,1,1,1	0	0	0
12:00 PM	1,1,1,1,1,1,2,1,1,1,1,1,1,1,1	0	0	1
12:15 PM	1,1,1	0	0	0
12:30 PM	2,1,2	0	0	0
12:45 PM	2	0	0	0
1:00 PM	2,1	0	0	0
1:15 PM	2	0	0	0
1:30 PM	1,1,2,2	0	0	0
1:45 PM	1,1,2,2	0	0	0
2:00 PM	2	0	0	0
2:15 PM	2	0	0	0
2:30 PM	1	0	0	0
2:45 PM	2	0	0	0
3:00 PM	1	0	0	0
3:15 PM	2,1,1	0	0	0
3:30 PM	0	0	0	0
3:45 PM	1,1	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	2,2,1	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	1	0	0	0
6:30 PM	1	0	0	0
6:45 PM	0	0	0	0

Traffic & Occupancy - Sunday 2nd May 2021

Parking Occupancy				
6:00am	5	occupied spaces		
10:00am	93	occupied spaces		
7:00pm	5	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	1,1,1,1	0	0	0
6:15 AM	1,1,1	0	0	0
6:30 AM	2,1,1,1,1	0	0	0
6:45 AM	1,1,1,1	0	0	0
7:00 AM	1,1,1,1	0	0	0
7:15 AM	1,2,1,1,2	0	0	0
7:30 AM	1,1,1,1,1,1,1	0	1,1,1,1	5
7:45 AM	1,1,2,1,2,1,1,2,1,1,1,2	0	1,1,1	0
8:00 AM	1	0	1,1	0
8:15 AM	1,1,1,1,1,1,1,1	0	0	1
8:30 AM	1,2,1,1,1,2,2,1	0	0	0
8:45 AM	1,1,1,1,1,1,1,1,1,1,1	0	0	0
9:00 AM	1,1,1,1,1,1,1,1,1,1,1	0	0	0
9:15 AM	1,1,1,1	0	0	0
9:30 AM	2,1,1,1	1	0	0
9:45 AM	2,1,1,1,3,2,1	0	0	0
10:00 AM	1,2,2,2,1,2,1	0	0	0
10:15 AM	1,1,2,2,1,2	0	0	0
10:30 AM	1,1,1,1	0	0	0
10:45 AM	2,1,2,1,1	0	0	0
11:00 AM	2,2,1,2,1	0	0	0
11:15 AM	1,1,1,1,1	0	0	1
11:30 AM	2,1,2,2,1	0	0	0
11:45 AM	1,1,2,1,1,2,1,1,1	0	0	0
12:00 PM	1,2,1,1,2,3,2	0	0	0
12:15 PM	1,1,2,2	1	0	0
12:30 PM	2,2,2,1,2,1	1	0	0
12:45 PM	1,1,2,2,1,2,2,2,1,1,4,2,1,1,1,2,1	0	0	0
1:00 PM	1,1,1,1,2,1,1,1,2,1	0	0	0
1:15 PM	2,2,1,2,1,1,1	0	0	0
1:30 PM	2,1,2,1,1,2,1,1,1,2	0	0	0
1:45 PM	1,1,1,1,1,1,2,1	0	0	0
2:00 PM	1,1,1,1,1,1,2,1	0	0	0
2:15 PM	2,1,1	0	0	0
2:30 PM	2	0	0	0
2:45 PM	3,1	0	0	3
3:00 PM	2	0	0	0
3:15 PM	1,2,1,1,1,1	0	0	0
3:30 PM	0	0	0	0
3:45 PM	1,1	0	0	0
4:00 PM	2	0	0	0
4:15 PM	2	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	2	0	0	2
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	1,2	0	0	0
6:00 PM	0	0	0	0
6:15 PM	1	0	0	0
6:30 PM	1,1,2	0	0	0
6:45 PM	0	0	0	0

Traffic & Occupancy - Wednesday 19th May 2021

Parking Occupancy				
6:00am	2	occupied spaces		
10:00am	104	occupied spaces		
7:00pm	6	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	1,1,1	0	0	0
8:15 AM	1,1,1,1,1	0	0	0
8:30 AM	0	0	0	0
8:45 AM	1,1	0	0	0
9:00 AM	1,1,1	0	0	0
9:15 AM	1	0	0	0
9:30 AM	1,1,1	0	0	0
9:45 AM	1,1,1,1,1	0	0	0
10:00 AM	1,1,1,1,1,1	0	0	0
10:15 AM	1,1,1,1,1,1,1,1	1	0	0
10:30 AM	1,1,1,1,1,1,1,1,1,1,1,2,1	0	0	0
10:45 AM	1,1,1,1,1,1,1,1,1,1,1,1,1	1	0	0
11:00 AM	1,1,1,2,1,2,1,1,1,1,1,1	0	0	0
11:15 AM	1,1,1,1,1,1,1,1	0	0	0
11:30 AM	1,1,1,2,1,1,1,1,1,1,1,1	0	0	0
11:45 AM	1,1,1,1,1,1,1,1	0	0	0
12:00 PM	1,1,1,1,1,1,1	0	0	0
12:15 PM	1,1	0	0	0
12:30 PM	1,1	0	0	0
12:45 PM	1,1	0	0	0
1:00 PM	1,1,1	0	0	0
1:15 PM	0	0	0	0
1:30 PM	1,1,1	0	1	0
1:45 PM	0	0	0	0
2:00 PM	1	0	0	0
2:15 PM	1	0	0	0
2:30 PM	1	0	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	2	0	0	0
3:30 PM	0	0	0	0
3:45 PM	1,1	0	0	0
4:00 PM	0	0	0	0
4:15 PM	1	0	0	0
4:30 PM	1	1	0	0
4:45 PM	1,1	0	0	0
5:00 PM	0	0	0	0
5:15 PM	1	1	0	0
5:30 PM	1	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	1	0	0	0
6:45 PM	0	0	0	0

Site Location	NSW Golf Club, La Perouse
Survey Date	15th, 16th & 19th May 2021
Survey Period	6:00am to 7:00pm



Friday 15th May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	7	7	0	0
6:15 AM	10	10	0	0
6:30 AM	11	14	0	0
6:45 AM	19	20	0	0
7:00 AM	10	12	0	0
7:15 AM	12	14	0	0
7:30 AM	10	11	0	0
7:45 AM	5	5	0	0
8:00 AM	0	0	0	0
8:15 AM	1	1	0	0
8:30 AM	2	2	0	0
8:45 AM	3	3	0	0
9:00 AM	1	1	0	0
9:15 AM	3	4	0	0
9:30 AM	5	5	0	0
9:45 AM	2	3	0	0
10:00 AM	4	4	0	0
10:15 AM	3	3	0	0
10:30 AM	19	19	0	0
10:45 AM	10	11	0	0
11:00 AM	14	14	0	0
11:15 AM	13	17	0	0
11:30 AM	11	11	1	0
11:45 AM	6	6	0	0
12:00 PM	15	16	0	1
12:15 PM	3	3	0	0
12:30 PM	3	5	0	0
12:45 PM	1	2	0	0
1:00 PM	2	3	0	0
1:15 PM	1	2	0	0
1:30 PM	4	6	0	0
1:45 PM	4	6	0	0
2:00 PM	1	2	0	0
2:15 PM	1	2	0	0
2:30 PM	1	1	0	0
2:45 PM	1	2	0	0
3:00 PM	1	1	0	0
3:15 PM	3	4	0	0
3:30 PM	0	0	0	0
3:45 PM	2	2	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	3	5	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	1	1	0	0
6:30 PM	1	1	0	0
6:45 PM	0	0	0	0
13 Hr Total	229	261	1	1

Sunday 16th May 2021


Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	4	4	0	0
6:15 AM	3	3	0	0
6:30 AM	5	6	0	0
6:45 AM	4	4	0	0
7:00 AM	4	4	0	0
7:15 AM	5	7	0	0
7:30 AM	7	7	5	5
7:45 AM	14	19	3	0
8:00 AM	1	1	2	0
8:15 AM	8	8	0	1
8:30 AM	9	12	0	0
8:45 AM	11	11	0	0
9:00 AM	11	11	0	0
9:15 AM	4	4	0	0
9:30 AM	5	6	0	0
9:45 AM	7	11	0	0
10:00 AM	7	11	0	0
10:15 AM	6	9	0	0
10:30 AM	4	4	0	0
10:45 AM	5	7	0	0
11:00 AM	5	8	0	0
11:15 AM	5	5	0	1
11:30 AM	5	8	0	0
11:45 AM	9	11	0	0
12:00 PM	8	13	0	0
12:15 PM	5	7	0	0
12:30 PM	7	11	0	0
12:45 PM	17	27	0	0
1:00 PM	10	12	0	0
1:15 PM	7	10	0	0
1:30 PM	10	14	0	0
1:45 PM	8	9	0	0
2:00 PM	8	9	0	0
2:15 PM	3	4	0	0
2:30 PM	1	2	0	0
2:45 PM	2	4	0	3
3:00 PM	1	2	0	0
3:15 PM	6	7	0	0
3:30 PM	0	0	0	0
3:45 PM	2	2	0	0
4:00 PM	1	2	0	0
4:15 PM	1	2	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	1	2	0	2
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	2	3	0	0
6:00 PM	0	0	0	0
6:15 PM	1	1	0	0
6:30 PM	3	4	0	0
6:45 PM	0	0	0	0
13 Hr Total	252	328	10	12

Wednesday 19th May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	3	3	0	0
8:15 AM	5	5	0	0
8:30 AM	0	0	0	0
8:45 AM	2	2	0	0
9:00 AM	3	3	0	0
9:15 AM	1	1	0	0
9:30 AM	3	3	0	0
9:45 AM	5	5	0	0
10:00 AM	6	6	0	0
10:15 AM	9	9	0	0
10:30 AM	13	14	0	0
10:45 AM	15	15	0	0
11:00 AM	12	14	0	0
11:15 AM	9	9	0	0
11:30 AM	13	14	0	0
11:45 AM	8	8	0	0
12:00 PM	7	7	0	0
12:15 PM	2	2	0	0
12:30 PM	2	2	0	0
12:45 PM	2	2	0	0
1:00 PM	3	3	0	0
1:15 PM	0	0	0	0
1:30 PM	3	3	1	0
1:45 PM	0	0	0	0
2:00 PM	1	1	0	0
2:15 PM	1	1	0	0
2:30 PM	1	1	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	1	2	0	0
3:30 PM	0	0	0	0
3:45 PM	2	2	0	0
4:00 PM	0	0	0	0
4:15 PM	1	1	0	0
4:30 PM	2	2	0	0
4:45 PM	2	2	0	0
5:00 PM	0	0	0	0
5:15 PM	2	2	0	0
5:30 PM	1	1	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	1	1	0	0
6:45 PM	0	0	0	0
13 Hr Total	141	146	1	0

[illegible]

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		/ Golf Club, La Perouse		
Survey Day and Date:-		Sunday 16th May		
Survey Period:-		8:00am - 10:00am		
Surveyors Name:-		Carl		
Interview Number	se to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	2035	VD	ON	G
2	2022	C	OFF	SCENIC ROUTE
3	2022	C	OFF	SCENIC ROUTE
4	2036	JOGGER	OFF	SCENIC ROUTE
5	2167	VD	ON	G
6	2204	VD	ON	W
7	2011	VD	ON	G
8	2022	VD	ON	G
9	2072	VD	ON	W
10	2061	VD	ON	G
11	2065	VD	ON	G
12	2221	VD	ON	G
13	2068	VD	ON	G
14	2101	VD	ON	G
15	Neutral Bay	VD	ON	G
16	2034	VD	ON	G
17	Mascot	VD	ON	G
18	2024	VD	ON	G
19	2090	VD	ON	G
20	2066	VD	ON	G
21	2024	VD	ON	G
22	2033	VD	ON	W
23	2219	VD	ON	W
24	2234	VD	ON	G
25	2022	VD	ON	G
26	2030	VD	ON	G
27	2022	VD	ON	G
28	2036	VD	ON	W
29	2035	VD	ON	G
30	2040	VD	ON	G
31	2088	VD	ON	G
32	2089	VD	ON	G
33	2010	VD	ON	G
34	2031	VD	ON	G
35	2031	VD	ON	G
36	2229	VD	ON	G
37	2022	VD	ON	G
38	2066	VD	ON	G
39	2090	VD	ON	G
40	2230	VD	ON	G
41	2022	VD	ON	G
42	2088	VD	ON	G
43	2031	VD	ON	G
44	2035	VD	ON	DELIVERY
45	2071	VD	ON	G
46	2232	VD	ON	G
47	2218	VD	ON	G
48	2031	VD	ON	W
49	2018	VD	ON	W
50	2224	VD	ON	W
51	2229	VD	ON	G
52	2229	VD	ON	G

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

GOLF COURSE TRIP GENERATION SURVEY

[illegible]

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

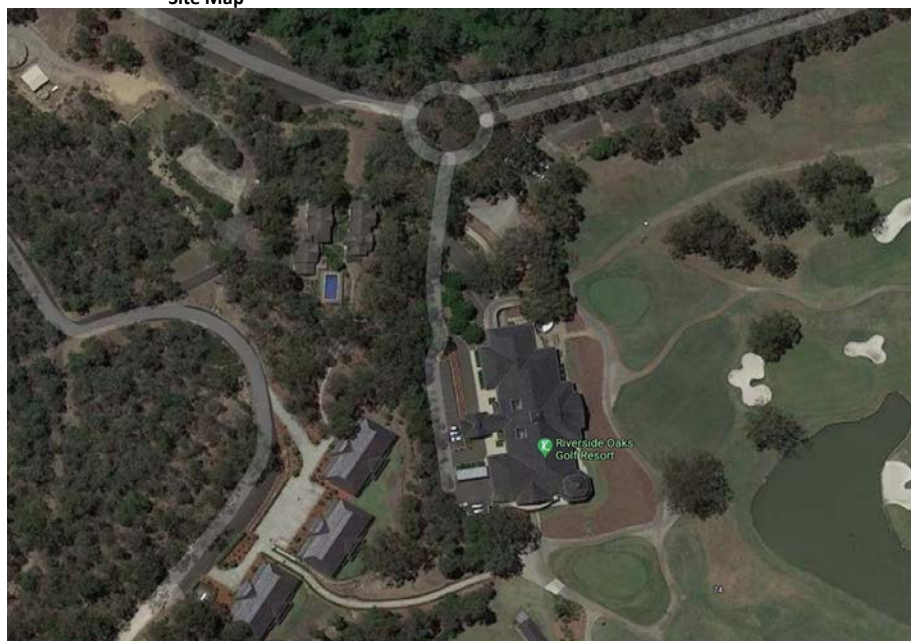
15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM					
6:15 AM	6:30 AM					
6:30 AM	6:45 AM					
6:45 AM	7:00 AM					0
7:00 AM	7:15 AM					0
7:15 AM	7:30 AM					0
7:30 AM	7:45 AM					0
7:45 AM	8:00 AM					0
8:00 AM	8:15 AM					0
8:15 AM	8:30 AM					0
8:30 AM	8:45 AM					0
8:45 AM	9:00 AM					0
9:00 AM	9:15 AM					0
9:15 AM	9:30 AM					0
9:30 AM	9:45 AM					0
9:45 AM	10:00 AM					0
10:00 AM	10:15 AM					0
10:15 AM	10:30 AM					0
10:30 AM	10:45 AM					0
10:45 AM	11:00 AM					0
11:00 AM	11:15 AM					0
11:15 AM	11:30 AM					0
11:30 AM	11:45 AM					0
11:45 AM	12:00 PM					0
12:00 PM	12:15 PM					0
12:15 PM	12:30 PM					0
12:30 PM	12:45 PM					0
12:45 PM	1:00 PM					0
1:00 PM	1:15 PM					0
1:15 PM	1:30 PM					0
1:30 PM	1:45 PM					0
1:45 PM	2:00 PM					0
2:00 PM	2:15 PM					0
2:15 PM	2:30 PM					0

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
2:30 PM	2:45 PM					0
2:45 PM	3:00 PM					0
3:00 PM	3:15 PM					0
3:15 PM	3:30 PM					0
3:30 PM	3:45 PM					0
3:45 PM	4:00 PM					0
4:00 PM	4:15 PM					0
4:15 PM	4:30 PM					0
4:30 PM	4:45 PM					0
4:45 PM	5:00 PM					0
5:00 PM	5:15 PM					0
5:15 PM	5:30 PM					0
5:30 PM	5:45 PM					0
5:45 PM	6:00 PM					0
6:00 PM	6:15 PM					0
6:15 PM	6:30 PM					0
6:30 PM	6:45 PM					0
6:45 PM	7:00 PM					0
Peak Period - AM		0	0	0	0	0
Peak Period - PM		0	0	0	0	0
Total		0	0	0	0	0

Golf Course Site Information	
Site Location	Riverside Oaks Golf Club, 74 O'Briens Rd, Cattai
Year Opened	
Other Uses Operating On Site	
Driving Range? (y/n) Operating Times	
Café / Restaurant Floor Area (GFA) (m2)	
Café / Restaurant seating capacity	
Function Room Floor Area	
Total undercover parking bays (if any)	
Parking spaces reserved for members or staff only	
Weekday Opening Hours	
Saturday Opening Hours	
Sunday Opening Hours	
Busiest Day	
Regular Competition Days	
Standard Interval Between Tee-off Times	
Cart Hire? (y/n)	
Traffic Surveyor Comments (eg. Local issues?, Roadworks?, Closed Areas?, Disability Access?, etc)	

Site Map



Site Location	Riverside Oaks Golf Club
Survey Date	23rd, 26th & 29th May 2021
Survey Period	6:00am to 7:00pm



Occupancy - Sunday 23rd May 2021

Parking Occupancy				
6:00am	23	occupied spaces		
10:00am	18	occupied spaces		
7:00pm	1	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	1,1,1	0	0	0
7:00 AM	1	0	0	0
7:15 AM	1,1,1,2	0	0	0
7:30 AM	1,1	0	0	0
7:45 AM	1	0	0	0
8:00 AM	3	0	0	0
8:15 AM	1,1,3,1,4	0	0	0
8:30 AM	1,4,1,3	0	0	0
8:45 AM	2,2,2,1,1	0	0	0
9:00 AM	1,2,1,1	0	0	0
9:15 AM	1	0	0	0
9:30 AM	0	0	0	0
9:45 AM	1,2,1,1	0	0	0
10:00 AM	2	0	0	0
10:15 AM	0	0	0	0
10:30 AM	1,1,2,1,1,1	0	0	0
10:45 AM	1,1	0	0	0
11:00 AM	1,1,2,1,1	0	0	0
11:15 AM	1,1,1	0	0	0
11:30 AM	2,2,1	0	0	0
11:45 AM	1,1,2,2,1,1	0	0	1
12:00 PM	1,1	0	0	0
12:15 PM	2,1	0	0	0
12:30 PM	1,1	0	0	0
12:45 PM	1,2,3,1	0	0	0
1:00 PM	1,1,1,1,2,1,1	0	0	0
1:15 PM	1,2,1,2,1,1	0	0	0
1:30 PM	1,1,1,1	0	0	0
1:45 PM	1,1,1,2	0	0	0
2:00 PM	4	0	0	0
2:15 PM	1	0	0	0
2:30 PM	0	0	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	2,1,1	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	1	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Wednesday 26th May 2021

Parking Occupancy				
6:00am	3	occupied spaces		
10:00am	5	occupied spaces		
7:00pm	3	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	1	0	0	0
6:45 AM	1,1	0	0	0
7:00 AM	1,1	0	0	0
7:15 AM	0	1	0	0
7:30 AM	1	0	0	0
7:45 AM	0	0	0	0
8:00 AM	1,1	0	0	0
8:15 AM	1,1	0	0	0
8:30 AM	1,1	0	0	0
8:45 AM	1,1	0	1	0
9:00 AM	0	0	0	0
9:15 AM	1,1,1	0	0	0
9:30 AM	1,1,2,1	0	0	0
9:45 AM	1,1,1,1	0	0	0
10:00 AM	1,1	0	0	0
10:15 AM	0	0	0	0
10:30 AM	0	0	0	0
10:45 AM	0	0	0	0
11:00 AM	1	0	0	0
11:15 AM	2	0	0	0
11:30 AM	1,1,1	0	0	0
11:45 AM	2,1	0	0	0
12:00 PM	2,1,1	15,12	0	0
12:15 PM	2	0	0	0
12:30 PM	1,1	0	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	2	0	0	0
1:45 PM	1,1	0	0	0
2:00 PM	1	0	0	0
2:15 PM	0	0	0	0
2:30 PM	2,2,2	0	0	0
2:45 PM	2	0	0	0
3:00 PM	0	0	0	0
3:15 PM	1	0	0	0
3:30 PM	0	1	0	0
3:45 PM	0	0	0	0
4:00 PM	1	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Traffic & Occupancy - Saturday 29th May 2021

Parking Occupancy				
6:00am	7	occupied spaces		
10:00am	4	occupied spaces		
7:00pm	17	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	2,1,1,1,1,1,1,1	0	0	0
6:15 AM	1,1,1,1,1,1,1,1	0	0	0
6:30 AM	1,1,1,1,1,1,1,1,1	0	0	0
6:45 AM	1,1,2,1,1,1,1,1,1,1,1	0	0	0
7:00 AM	1,1,1,3,1,1,1,1,1,2,1	0	0	0
7:15 AM	1,1,1,1,1,1,1,1,1,1	0	0	0
7:30 AM	1,1,2,1,1,1,2,1	0	0	0
7:45 AM	1,2,1,1,1,1,1	0	0	0
8:00 AM	1,1,1,2,2	0	0	0
8:15 AM	0	0	0	0
8:30 AM	1	0	0	0
8:45 AM	1	0	0	0
9:00 AM	2	0	0	0
9:15 AM	0	0	0	0
9:30 AM	2	0	0	0
9:45 AM	1,2	0	0	0
10:00 AM	0	0	0	0
10:15 AM	2,2,2,1,1,1	0	0	0
10:30 AM	1,3	0	0	0
10:45 AM	2,1	0	0	0
11:00 AM	1,1,1,1	0	0	0
11:15 AM	2,1,3,1,1,1,2,1,1,1	2	0	0
11:30 AM	1,1,2,2,2	1	0	0
11:45 AM	3,1,2,2,2,1,2	0	0	0
12:00 PM	1,2	0	0	0
12:15 PM	1,1,2,1	0	0	0
12:30 PM	2,1	0	0	0
12:45 PM	2,1	0	0	0
1:00 PM	0	0	0	0
1:15 PM	1	0	0	0
1:30 PM	0	0	0	0
1:45 PM	0	0	0	0
2:00 PM	1	0	0	0
2:15 PM	0	0	0	0
2:30 PM	0	0	0	0
2:45 PM	2,1,1	0	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	1,1,1	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	1	0	0	0
4:45 PM	1	0	0	0
5:00 PM	2	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Site Location	Riverside Oaks Golf Club
Survey Date	23rd, 26th, & 29th May 2021
Survey Period	6:00am to 7:00pm



Sunday 23rd May

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	3	3	0	0
7:00 AM	1	1	0	0
7:15 AM	4	5	0	0
7:30 AM	2	2	0	0
7:45 AM	1	1	0	0
8:00 AM	1	3	0	0
8:15 AM	5	10	0	0
8:30 AM	4	9	0	0
8:45 AM	5	8	0	0
9:00 AM	4	5	0	0
9:15 AM	1	1	0	0
9:30 AM	0	0	0	0
9:45 AM	4	5	0	0
10:00 AM	1	2	0	0
10:15 AM	0	0	0	0
10:30 AM	6	7	0	0
10:45 AM	2	2	0	0
11:00 AM	5	6	0	0
11:15 AM	3	3	0	0
11:30 AM	3	5	0	0
11:45 AM	6	8	0	1
12:00 PM	2	2	0	0
12:15 PM	2	3	0	0
12:30 PM	2	2	0	0
12:45 PM	4	7	0	0
1:00 PM	7	8	0	0
1:15 PM	6	8	0	0
1:30 PM	4	4	0	0
1:45 PM	4	5	0	0
2:00 PM	1	4	0	0
2:15 PM	1	1	0	0
2:30 PM	0	0	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	2	13	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	1	1	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	97	144	0	1

Wednesday 26th May

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	1	1	0	0
6:45 AM	2	2	0	0
7:00 AM	2	2	0	0
7:15 AM	1	1	0	0
7:30 AM	1	1	0	0
7:45 AM	0	0	0	0
8:00 AM	2	2	0	0
8:15 AM	2	2	0	0
8:30 AM	2	2	0	0
8:45 AM	2	2	1	0
9:00 AM	0	0	0	0
9:15 AM	3	3	0	0
9:30 AM	4	5	0	0
9:45 AM	4	4	0	0
10:00 AM	2	2	0	0
10:15 AM	0	0	0	0
10:30 AM	0	0	0	0
10:45 AM	0	0	0	0
11:00 AM	1	1	0	0
11:15 AM	1	2	0	0
11:30 AM	3	3	0	0
11:45 AM	2	3	0	0
12:00 PM	5	31	0	0
12:15 PM	1	2	0	0
12:30 PM	2	2	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	1	2	0	0
1:45 PM	2	2	0	0
2:00 PM	1	1	0	0
2:15 PM	0	0	0	0
2:30 PM	3	6	0	0
2:45 PM	1	2	0	0
3:00 PM	0	0	0	0
3:15 PM	1	1	0	0
3:30 PM	1	1	0	0
3:45 PM	0	0	0	0
4:00 PM	1	1	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	54	89	1	0

Saturday 29th May

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	8	9	0	0
6:15 AM	8	8	0	0
6:30 AM	9	9	0	0
6:45 AM	11	12	0	0
7:00 AM	10	41	0	0
7:15 AM	10	10	0	0
7:30 AM	8	10	0	0
7:45 AM	7	8	0	0
8:00 AM	5	7	0	0
8:15 AM	0	0	0	0
8:30 AM	1	1	0	0
8:45 AM	1	1	0	0
9:00 AM	1	2	0	0
9:15 AM	0	0	0	0
9:30 AM	1	2	0	0
9:45 AM	2	3	0	0
10:00 AM	0	0	0	0
10:15 AM	6	9	0	0
10:30 AM	2	4	0	0
10:45 AM	2	3	0	0
11:00 AM	4	4	0	0
11:15 AM	11	16	0	0
11:30 AM	6	9	0	0
11:45 AM	7	13	0	0
12:00 PM	2	3	0	0
12:15 PM	4	5	0	0
12:30 PM	2	3	0	0
12:45 PM	2	3	0	0
1:00 PM	0	0	0	0
1:15 PM	1	1	0	0
1:30 PM	0	0	0	0
1:45 PM	0	0	0	0
2:00 PM	1	1	0	0
2:15 PM	0	0	0	0
2:30 PM	0	0	0	0
2:45 PM	3	4	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	3	3	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	1	1	0	0
4:45 PM	1	1	0	0
5:00 PM	1	2	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	141	208	0	0

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		DE OAKS COUNTRY CLUB		
Survey Day and Date:-		NDAY 23RD MAY 2021		
Survey Period:-		8AM - 10AM		
Surveyors Name:-		JADE		
Interview Number	se to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	2214	VD	ON	GF
2	2216	VD	ON	GF
3	2517	VD	ON	GF
4	2528	VP	ON	GF
5	2505	VP	ON	GF
6	2111	VD	ON	GF
7	2223	VP	ON	GF
8	2171	VD	ON	G
9	2171	VP	ON	G
10	2194	VD	ON	G
11	2194	VP	ON	G
12	2305	VD	ON	G
13	2305	VP	ON	G
14	2213	VD	ON	G
15	2173	VP	ON	G
16	2173	U	ON	G
17	2173	VP	ON	F
18	2173	VD	ON	F
19	2173	VP	ON	F
20	2000	VD	ON	G
21	2000	VP	ON	G




- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		DAKS COUNTRY CLUB CATTAL		
Survey Day and Date:-		WEDSDAY 26TH MAY 2021		
Survey Period:-		8AM - 10AM		
Surveyors Name:-		RANCES CANNING		
Interview Number	se to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	2750	VD	ON	W
2	2756	VD	ON	W
3	2153	VD	ON	W
4	2770	VD	ON	W
5	2775	VD	ON	W
6	2756	VD	ON	W
7	2756	VD	ON	W
8	2157	VD	ON	G
9	2088	VD	ON	GF
10	2088	VP		GF
11	2088	VD	ON	GF
12	2088	VP		



- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		DAKS COUNTRY CLUB CATTAI		
Survey Day and Date:-		JRDAY 29TH MAY 2021		
Survey Period:-		8AM - 10AM		
Surveyors Name:-		RANCES CANNING		
Interview Number	se to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	STH MAROUTA	VD	ON	G
2	DURAL	VD	ON	GOLF SHOP PURCHASE
3	CATTAI	VD	ON	LIVES NEAR
4	CHEERYBROOK	VD	ON	D
5	MCGRATH HILL	VD	ON	G
6	DURAL	VD	ON	G
7	CATTAI	VD	ON	G
8	2034	VD	ON	F CAFE
9	2034	VP	ON	F CAFE
10	2077	VD	ON	G
11	BLACKTOWN	VD	ON	W
12	2756	VD	ON	W
13	2099	VD	ON	OVER NIGHT GUEST
14	2099	VP	ON	OVER NIGHT GUEST
15	2153	VD	ON	G OVER NIGHT GUEST
16	2153	VP	ON	G OVER NIGHT GUEST
17	2195	VD		G

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM					
6:15 AM	6:30 AM					
6:30 AM	6:45 AM					
6:45 AM	7:00 AM					0
7:00 AM	7:15 AM					0
7:15 AM	7:30 AM					0
7:30 AM	7:45 AM					0
7:45 AM	8:00 AM					0
8:00 AM	8:15 AM					0
8:15 AM	8:30 AM					0
8:30 AM	8:45 AM					0
8:45 AM	9:00 AM					0
9:00 AM	9:15 AM					0
9:15 AM	9:30 AM					0
9:30 AM	9:45 AM					0
9:45 AM	10:00 AM					0
10:00 AM	10:15 AM					0
10:15 AM	10:30 AM					0
10:30 AM	10:45 AM					0
10:45 AM	11:00 AM					0
11:00 AM	11:15 AM					0
11:15 AM	11:30 AM					0
11:30 AM	11:45 AM					0
11:45 AM	12:00 PM					0
12:00 PM	12:15 PM					0
12:15 PM	12:30 PM					0
12:30 PM	12:45 PM					0
12:45 PM	1:00 PM					0
1:00 PM	1:15 PM					0
1:15 PM	1:30 PM					0
1:30 PM	1:45 PM					0
1:45 PM	2:00 PM					0
2:00 PM	2:15 PM					0
2:15 PM	2:30 PM					0

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
2:30 PM	2:45 PM					0
2:45 PM	3:00 PM					0
3:00 PM	3:15 PM					0
3:15 PM	3:30 PM					0
3:30 PM	3:45 PM					0
3:45 PM	4:00 PM					0
4:00 PM	4:15 PM					0
4:15 PM	4:30 PM					0
4:30 PM	4:45 PM					0
4:45 PM	5:00 PM					0
5:00 PM	5:15 PM					0
5:15 PM	5:30 PM					0
5:30 PM	5:45 PM					0
5:45 PM	6:00 PM					0
6:00 PM	6:15 PM					0
6:15 PM	6:30 PM					0
6:30 PM	6:45 PM					0
6:45 PM	7:00 PM					0
Peak Period - AM		0	0	0	0	0
Peak Period - PM		0	0	0	0	0
Total		0	0	0	0	0

Golf Course Site Information	
Site Location	Scone Golf Club
Year Opened	
Other Uses Operating On Site	
Driving Range? (y/n) Operating Times	
Café / Restaurant Floor Area (GFA) (m2)	
Café / Restaurant seating capacity	
Function Room Floor Area	
Total undercover parking bays (if any)	
Parking spaces reserved for members or staff only	
Weekday Opening Hours	
Saturday Opening Hours	
Sunday Opening Hours	
Busiest Day	
Regular Competition Days	
Standard Interval Between Tee-off Times	
Cart Hire? (y/n)	
Traffic Surveyor Comments (eg. Local issues?, Roadworks?, Closed Areas?, Disability Access?, etc)	

Site Map



Site Location	Scone Golf Club
Survey Date	26th, 27th & 30th June 2021
Survey Period	6:00am to 7:00pm



Occupancy - Saturday 26th June 2021

Parking Occupancy				
6:00am		occupied spaces		
10:00am		occupied spaces		
7:00pm		occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
9:00 AM	0	0	0	0
9:15 AM	0	0	0	0
9:30 AM	0	0	0	0
9:45 AM	0	0	0	0
10:00 AM	0	0	0	0
10:15 AM	0	0	0	0
10:30 AM	0	0	0	0
10:45 AM	0	0	0	0
11:00 AM	0	0	0	0
11:15 AM	0	0	0	0
11:30 AM	0	0	0	0
11:45 AM	0	0	0	0
12:00 PM	0	0	0	0
12:15 PM	0	0	0	0
12:30 PM	0	0	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	0	0	0	0
1:45 PM	0	0	0	0
2:00 PM	0	0	0	0
2:15 PM	0	0	0	0
2:30 PM	0	0	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Traffic & Occupancy - Sunday 27th June 2021

Parking Occupancy				
6:00am		occupied spaces		
10:00am		occupied spaces		
7:00pm		occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
9:00 AM	0	0	0	0
9:15 AM	0	0	0	0
9:30 AM	0	0	0	0
9:45 AM	0	0	0	0
10:00 AM	0	0	0	0
10:15 AM	0	0	0	0
10:30 AM	0	0	0	0
10:45 AM	0	0	0	0
11:00 AM	0	0	0	0
11:15 AM	0	0	0	0
11:30 AM	0	0	0	0
11:45 AM	0	0	0	0
12:00 PM	0	0	0	0
12:15 PM	0	0	0	0
12:30 PM	0	0	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	0	0	0	0
1:45 PM	0	0	0	0
2:00 PM	0	0	0	0
2:15 PM	0	0	0	0
2:30 PM	0	0	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Traffic & Occupancy - Wednesday 30th June 2021

Parking Occupancy				
6:00am		occupied spaces		
10:00am		occupied spaces		
7:00pm		occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
9:00 AM	0	0	0	0
9:15 AM	0	0	0	0
9:30 AM	0	0	0	0
9:45 AM	0	0	0	0
10:00 AM	0	0	0	0
10:15 AM	0	0	0	0
10:30 AM	0	0	0	0
10:45 AM	0	0	0	0
11:00 AM	0	0	0	0
11:15 AM	0	0	0	0
11:30 AM	0	0	0	0
11:45 AM	0	0	0	0
12:00 PM	0	0	0	0
12:15 PM	0	0	0	0
12:30 PM	0	0	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	0	0	0	0
1:45 PM	0	0	0	0
2:00 PM	0	0	0	0
2:15 PM	0	0	0	0
2:30 PM	0	0	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Site Location	Scone Golf Club
Survey Date	26th, 27th & 30th June 2021
Survey Period	6:00am to 7:00pm



aturday 1st May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
9:00 AM	0	0	0	0
9:15 AM	0	0	0	0
9:30 AM	0	0	0	0
9:45 AM	0	0	0	0
10:00 AM	0	0	0	0
10:15 AM	0	0	0	0
10:30 AM	0	0	0	0
10:45 AM	0	0	0	0
11:00 AM	0	0	0	0
11:15 AM	0	0	0	0
11:30 AM	0	0	0	0
11:45 AM	0	0	0	0
12:00 PM	0	0	0	0
12:15 PM	0	0	0	0
12:30 PM	0	0	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	0	0	0	0
1:45 PM	0	0	0	0
2:00 PM	0	0	0	0
2:15 PM	0	0	0	0
2:30 PM	0	0	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	0	0	0	0

Sunday 2nd May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
9:00 AM	0	0	0	0
9:15 AM	0	0	0	0
9:30 AM	0	0	0	0
9:45 AM	0	0	0	0
10:00 AM	0	0	0	0
10:15 AM	0	0	0	0
10:30 AM	0	0	0	0
10:45 AM	0	0	0	0
11:00 AM	0	0	0	0
11:15 AM	0	0	0	0
11:30 AM	0	0	0	0
11:45 AM	0	0	0	0
12:00 PM	0	0	0	0
12:15 PM	0	0	0	0
12:30 PM	0	0	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	0	0	0	0
1:45 PM	0	0	0	0
2:00 PM	0	0	0	0
2:15 PM	0	0	0	0
2:30 PM	0	0	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	0	0	0	0

Wednesday 5th May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
9:00 AM	0	0	0	0
9:15 AM	0	0	0	0
9:30 AM	0	0	0	0
9:45 AM	0	0	0	0
10:00 AM	0	0	0	0
10:15 AM	0	0	0	0
10:30 AM	0	0	0	0
10:45 AM	0	0	0	0
11:00 AM	0	0	0	0
11:15 AM	0	0	0	0
11:30 AM	0	0	0	0
11:45 AM	0	0	0	0
12:00 PM	0	0	0	0
12:15 PM	0	0	0	0
12:30 PM	0	0	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	0	0	0	0
1:45 PM	0	0	0	0
2:00 PM	0	0	0	0
2:15 PM	0	0	0	0
2:30 PM	0	0	0	0
2:45 PM	0	0	0	0
3:00 PM	0	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	0	0	0	0

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

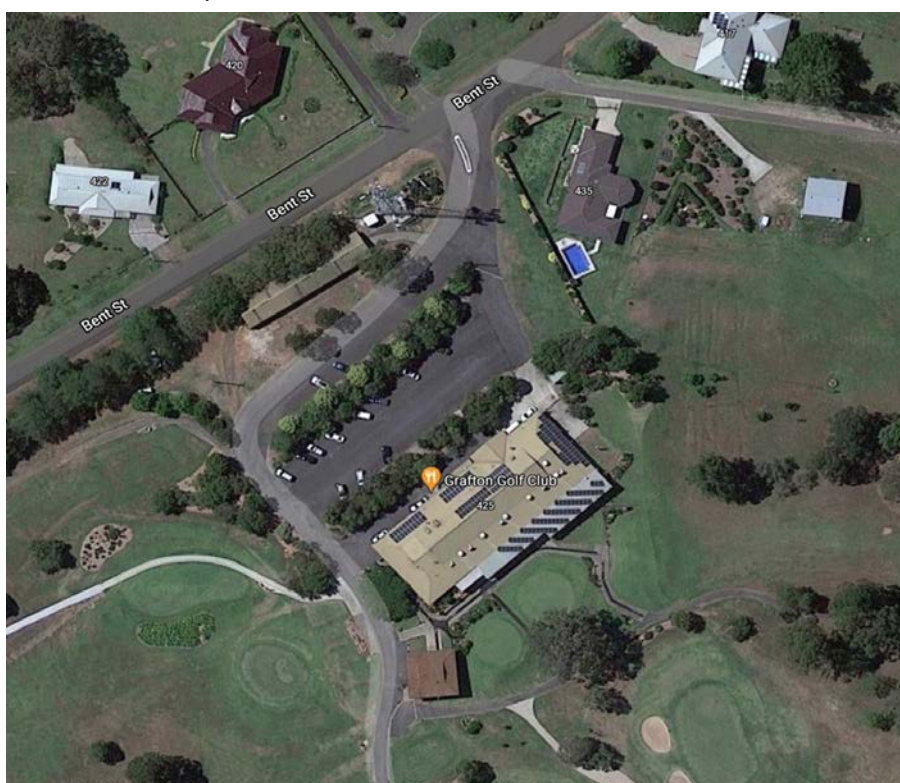
15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM					
6:15 AM	6:30 AM					
6:30 AM	6:45 AM					
6:45 AM	7:00 AM					0
7:00 AM	7:15 AM					0
7:15 AM	7:30 AM					0
7:30 AM	7:45 AM					0
7:45 AM	8:00 AM					0
8:00 AM	8:15 AM					0
8:15 AM	8:30 AM					0
8:30 AM	8:45 AM					0
8:45 AM	9:00 AM					0
9:00 AM	9:15 AM					0
9:15 AM	9:30 AM					0
9:30 AM	9:45 AM					0
9:45 AM	10:00 AM					0
10:00 AM	10:15 AM					0
10:15 AM	10:30 AM					0
10:30 AM	10:45 AM					0
10:45 AM	11:00 AM					0
11:00 AM	11:15 AM					0
11:15 AM	11:30 AM					0
11:30 AM	11:45 AM					0
11:45 AM	12:00 PM					0
12:00 PM	12:15 PM					0
12:15 PM	12:30 PM					0
12:30 PM	12:45 PM					0
12:45 PM	1:00 PM					0
1:00 PM	1:15 PM					0
1:15 PM	1:30 PM					0
1:30 PM	1:45 PM					0
1:45 PM	2:00 PM					0
2:00 PM	2:15 PM					0
2:15 PM	2:30 PM					0

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
2:30 PM	2:45 PM					0
2:45 PM	3:00 PM					0
3:00 PM	3:15 PM					0
3:15 PM	3:30 PM					0
3:30 PM	3:45 PM					0
3:45 PM	4:00 PM					0
4:00 PM	4:15 PM					0
4:15 PM	4:30 PM					0
4:30 PM	4:45 PM					0
4:45 PM	5:00 PM					0
5:00 PM	5:15 PM					0
5:15 PM	5:30 PM					0
5:30 PM	5:45 PM					0
5:45 PM	6:00 PM					0
6:00 PM	6:15 PM					0
6:15 PM	6:30 PM					0
6:30 PM	6:45 PM					0
6:45 PM	7:00 PM					0
Peak Period - AM		0	0	0	0	0
Peak Period - PM		0	0	0	0	0
Total		0	0	0	0	0

Golf Course Site Information	
Site Location	Grafton Golf Course
Year Opened	
Other Uses Operating On Site	
Driving Range? (y/n) Operating Times	
Café / Restaurant Floor Area (GFA) (m2)	
Café / Restaurant seating capacity	
Function Room Floor Area	
Total undercover parking bays (if any)	
Parking spaces reserved for members or staff only	
Weekday Opening Hours	
Saturday Opening Hours	
Sunday Opening Hours	
Busiest Day	
Regular Competition Days	
Standard Interval Between Tee-off Times	
Cart Hire? (y/n)	
Traffic Surveyor Comments (eg. Local issues?, Roadworks?, Closed Areas?, Disability Access?, etc)	

Site Map



Site Location	Grafton Golf Course
Survey Date	5th, 6th & 9th June 2021
Survey Period	6:00am to 7:00pm



Occupancy - Saturday 5th June 2021

Parking Occupancy				
6:00am	1	occupied spaces		
10:00am	38	occupied spaces		
7:00pm	12	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	1	1	0	1
6:15 AM	1	0	0	0
6:30 AM	1,1,1,1	1,1,1	0	0
6:45 AM	1,1,1,1,1	1,1,1	0	0
7:00 AM	1,1,2,3,1,2,1,1,1	1,1,1,1,1	0	0
7:15 AM	3,3,2,1	1	0	1
7:30 AM	2,1,1,1,2,1,2	0	0	3
7:45 AM	1,1,1,1,1,1,2,1,1,1,1,1,1,1,1	1,1	0	1,1
8:00 AM	1,1,1,1	0	0	0
8:15 AM	1,1,1,1,1,2	0	0	0
8:30 AM	1,1	0	0	0
8:45 AM	1,1	0	0	0
9:00 AM	1	0	0	0
9:15 AM	1	0	0	0
9:30 AM	1,1	0	0	0
9:45 AM	1,1,1,1,1	0	0	0
10:00 AM	1,1,2	0	0	0
10:15 AM	1,1,1,1	0	0	2
10:30 AM	1,1,1,1,1	0	0	0
10:45 AM	1,1,1,1,2,1,1	0	0	0
	1,1,1,1,1,2,1,1,1,2,1,1,1,1,1,1	0	0	0
11:00 AM	1	0	0	0
11:15 AM	1,1,1,1,1,1,1	0	0	0
	1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	0	0	0
11:30 AM	1	0	0	0
11:45 AM	1,1	0	0	0
12:00 PM	1,1	0	0	0
12:15 PM	1	0	0	0
12:30 PM	1,1	0	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	1	0	0	1
1:45 PM	1,1,1,1	0	0	0
2:00 PM	1,1,1	0	0	0
2:15 PM	0	0	0	0
2:30 PM	1,1,1,1	0	0	0
2:45 PM	0	0	0	0
3:00 PM	1	0	0	0
3:15 PM	1	0	0	0
3:30 PM	0	0	0	0
3:45 PM	1	0	0	0
4:00 PM	1	0	0	0
4:15 PM	0	0	0	0
4:30 PM	1,1	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	1	0	0	2
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	1,1	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Traffic & Occupancy - Sunday 6th June 2021

Parking Occupancy				
6:00am	1	occupied spaces		
10:00am	35	occupied spaces		
7:00pm	0	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	1	0	0	0
6:15 AM	0	0	0	0
6:30 AM	1	0	0	0
6:45 AM	1,1,1,1,1,1,1	0	0	1
7:00 AM	1,1,3,2,2,1,1,1,1	0	0	0
7:15 AM	1,1,1,1,1,1,2,2,1	0	0	0
7:30 AM	2,1,1	0	0	0
7:45 AM	1,1,1	0	0	0
8:00 AM	1,1,1,1,2	0	0	0
8:15 AM	1,1	0	0	0
8:30 AM	1,1	0	0	0
8:45 AM	1,1	0	0	0
9:00 AM	0	0	0	0
9:15 AM	1,1,1,1,1,1,1	0	0	2
9:30 AM	1	0	0	0
9:45 AM	1,1,1	0	0	0
10:00 AM	1,1,1,1	0	0	0
10:15 AM	1,1	0	0	0
10:30 AM	0	0	0	0
10:45 AM	1,1	0	2	0
11:00 AM	1,1,1	0	0	0
11:15 AM	1	0	0	0
11:30 AM	1	0	0	0
11:45 AM	0	0	0	0
12:00 PM	1,1	0	0	0
12:15 PM	1,1,1,1,1,1,1	0	0	0
12:30 PM	1,1	0	0	0
12:45 PM	0	0	0	0
1:00 PM	0	0	0	0
1:15 PM	0	0	0	0
1:30 PM	0	0	0	0
1:45 PM	1,1,1	0	0	0
2:00 PM	1	0	0	0
2:15 PM	0	0	0	0
2:30 PM	1,1	0	0	0
2:45 PM	1,1	0	0	0
3:00 PM	1,1,1	0	0	0
3:15 PM	0	0	0	0
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Traffic & Occupancy - Wednesday 9th June 2021

Parking Occupancy				
6:00am	3	occupied spaces		
10:00am	5	occupied spaces		
7:00pm	0	occupied spaces		
Time (15-min band)	Car	Truck	Bicycle	Ped
6:00 AM	3	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	2	0	0	0
8:15 AM	0	0	0	0
8:30 AM	1,1,1	0	0	0
8:45 AM	2	0	0	0
9:00 AM	4,2,1	0	0	0
9:15 AM	1,1	0	0	0
9:30 AM	0	0	0	0
9:45 AM	2,1	0	0	0
10:00 AM	0	0	0	0
10:15 AM	1,1,1,1	1	0	0
10:30 AM	0	0	0	0
10:45 AM	0	0	0	0
11:00 AM	0	0	0	0
11:15 AM	1,1,1,1	0	0	0
11:30 AM	0	0	0	0
11:45 AM	1,1,1,1,1	0	0	0
12:00 PM	2,1,1	0	0	0
12:15 PM	1	0	0	0
12:30 PM	0	0	0	0
12:45 PM	2,1,3,1,1,1,1	0	0	0
1:00 PM	1,1,1	0	0	0
1:15 PM	0	0	0	0
1:30 PM	1,1,1,1	0	1	1
1:45 PM	1	0	0	0
2:00 PM	1	0	0	0
2:15 PM	1,1,1	0	0	0
2:30 PM	1	0	0	0
2:45 PM	1	0	0	0
3:00 PM	1,1	0	0	0
3:15 PM	1	0	0	0
3:30 PM	1	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0

Site Location	GRAFTON GOLF CLUB
Survey Date	5th, 6th & 9th June 2021
Survey Period	6:00am to 7:00pm



aturday 5th June 2021


Start Time	Entering Vehicle		Cyclists		Pedestrians	
	Vehicles	Occupants	Entering	Entering	Entering	Entering
6:00 AM	2	2	0	0	1	
6:15 AM	1	1	0	0	0	
6:30 AM	7	7	0	0	0	
6:45 AM	8	8	0	0	0	
7:00 AM	12	18	0	0	0	
7:15 AM	5	10	0	0	1	
7:30 AM	8	11	0	0	3	
7:45 AM	19	21	0	0	2	
8:00 AM	4	4	0	0	0	
8:15 AM	6	7	0	0	0	
8:30 AM	2	2	0	0	0	
8:45 AM	2	2	0	0	0	
9:00 AM	1	1	0	0	0	
9:15 AM	1	1	0	0	0	
9:30 AM	2	2	0	0	0	
9:45 AM	5	5	0	0	0	
10:00 AM	3	4	0	0	0	
10:15 AM	4	4	0	0	2	
10:30 AM	5	5	0	0	0	
10:45 AM	7	8	0	0	0	
11:00 AM	15	17	0	0	0	
11:15 AM	7	7	0	0	0	
11:30 AM	15	15	0	0	0	
11:45 AM	2	2	0	0	0	
12:00 PM	2	2	0	0	0	
12:15 PM	1	1	0	0	0	
12:30 PM	2	2	0	0	0	
12:45 PM	0	0	0	0	0	
1:00 PM	0	0	0	0	0	
1:15 PM	0	0	0	0	0	
1:30 PM	1	1	0	0	1	
1:45 PM	4	4	0	0	0	
2:00 PM	3	3	0	0	0	
2:15 PM	0	0	0	0	0	
2:30 PM	4	4	0	0	0	
2:45 PM	0	0	0	0	0	
3:00 PM	1	1	0	0	0	
3:15 PM	1	1	0	0	0	
3:30 PM	0	0	0	0	0	
3:45 PM	1	1	0	0	0	
4:00 PM	1	1	0	0	0	
4:15 PM	0	0	0	0	0	
4:30 PM	2	2	0	0	0	
4:45 PM	0	0	0	0	0	
5:00 PM	0	0	0	0	0	
5:15 PM	0	0	0	0	0	
5:30 PM	1	1	0	0	2	
5:45 PM	0	0	0	0	0	
6:00 PM	0	0	0	0	0	
6:15 PM	2	2	0	0	0	
6:30 PM	0	0	0	0	0	
6:45 PM	0	0	0	0	0	
13 Hr Total	169	190	0	0	12	

Sunday 6th June 2021


Start Time	Entering Vehicle		Cyclists		Pedestrians	
	Vehicles	Occupants	Entering	Entering	Entering	Entering
6:00 AM	1	1	0	0	0	
6:15 AM	0	0	0	0	0	
6:30 AM	1	1	0	0	0	
6:45 AM	7	7	0	0	1	
7:00 AM	9	13	0	0	0	
7:15 AM	9	11	0	0	0	
7:30 AM	3	4	0	0	0	
7:45 AM	3	3	0	0	0	
8:00 AM	5	6	0	0	0	
8:15 AM	2	2	0	0	0	
8:30 AM	2	2	0	0	0	
8:45 AM	2	2	0	0	0	
9:00 AM	0	0	0	0	0	
9:15 AM	7	7	0	0	2	
9:30 AM	1	1	0	0	0	
9:45 AM	3	3	0	0	0	
10:00 AM	4	4	0	0	0	
10:15 AM	2	2	0	0	0	
10:30 AM	0	0	0	0	0	
10:45 AM	2	2	2	0	0	
11:00 AM	3	3	0	0	0	
11:15 AM	1	1	0	0	0	
11:30 AM	1	1	0	0	0	
11:45 AM	0	0	0	0	0	
12:00 PM	2	2	0	0	0	
12:15 PM	7	7	0	0	0	
12:30 PM	2	2	0	0	0	
12:45 PM	0	0	0	0	0	
1:00 PM	0	0	0	0	0	
1:15 PM	0	0	0	0	0	
1:30 PM	0	0	0	0	0	
1:45 PM	3	3	0	0	0	
2:00 PM	1	1	0	0	0	
2:15 PM	0	0	0	0	0	
2:30 PM	2	2	0	0	0	
2:45 PM	2	2	0	0	0	
3:00 PM	3	3	0	0	0	
3:15 PM	0	0	0	0	0	
3:30 PM	0	0	0	0	0	
3:45 PM	0	0	0	0	0	
4:00 PM	0	0	0	0	0	
4:15 PM	0	0	0	0	0	
4:30 PM	0	0	0	0	0	
4:45 PM	0	0	0	0	0	
5:00 PM	0	0	0	0	0	
5:15 PM	0	0	0	0	0	
5:30 PM	0	0	0	0	0	
5:45 PM	0	0	0	0	0	
6:00 PM	0	0	0	0	0	
6:15 PM	0	0	0	0	0	
6:30 PM	0	0	0	0	0	
6:45 PM	0	0	0	0	0	
13 Hr Total	90	98	2	0	3	

Wednesday 9th June 2021


Start Time	Entering Vehicle		Cyclists		Pedestrians	
	Vehicles	Occupants	Entering	Entering	Entering	Entering
6:00 AM	1	3	0	0	0	
6:15 AM	0	0	0	0	0	
6:30 AM	0	0	0	0	0	
6:45 AM	0	0	0	0	0	
7:00 AM	0	0	0	0	0	
7:15 AM	0	0	0	0	0	
7:30 AM	0	0	0	0	0	
7:45 AM	0	0	0	0	0	
8:00 AM	1	2	0	0	0	
8:15 AM	0	0	0	0	0	
8:30 AM	3	3	0	0	0	
8:45 AM	1	2	0	0	0	
9:00 AM	3	7	0	0	0	
9:15 AM	2	2	0	0	0	
9:30 AM	0	0	0	0	0	
9:45 AM	2	3	0	0	0	
10:00 AM	0	0	0	0	0	
10:15 AM	5	5	0	0	0	
10:30 AM	0	0	0	0	0	
10:45 AM	0	0	0	0	0	
11:00 AM	0	0	0	0	0	
11:15 AM	4	4	0	0	0	
11:30 AM	0	0	0	0	0	
11:45 AM	5	5	0	0	0	
12:00 PM	3	4	0	0	0	
12:15 PM	1	1	0	0	0	
12:30 PM	0	0	0	0	0	
12:45 PM	7	10	0	0	0	
1:00 PM	3	3	0	0	0	
1:15 PM	0	0	0	0	0	
1:30 PM	4	4	1	1	1	
1:45 PM	1	1	0	0	0	
2:00 PM	1	1	0	0	0	
2:15 PM	3	3	0	0	0	
2:30 PM	1	1	0	0	0	
2:45 PM	1	1	0	0	0	
3:00 PM	2	2	0	0	0	
3:15 PM	1	1	0	0	0	
3:30 PM	1	1	0	0	0	
3:45 PM	0	0	0	0	0	
4:00 PM	0	0	0	0	0	
4:15 PM	0	0	0	0	0	
4:30 PM	0	0	0	0	0	
4:45 PM	0	0	0	0	0	
5:00 PM	0	0	0	0	0	
5:15 PM	0	0	0	0	0	
5:30 PM	0	0	0	0	0	
5:45 PM	0	0	0	0	0	
6:00 PM	0	0	0	0	0	
6:15 PM	0	0	0	0	0	
6:30 PM	0	0	0	0	0	
6:45 PM	0	0	0	0	0	
13 Hr Total	56	69	1	1	1	

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		AFTON GOLF CLUB		
Survey Day and Date:-		JRDAY 5TH JUNE 2021		
Survey Period:-		8AM - 10AM		
Surveyors Name:-		TRACEY GILL		
Interview Number	Please answer the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	2460	VD	ON	G
2	2460	VD	ON	G,D,F
3	2460	VD	ON	G,D,F
4	2460	VD	ON	W
5	2460	VD	ON	D
6	2460	VD	ON	W
7	2460	VD	ON	G,D,L,F,W
8	2460	VD	ON	OTHER DROP SOMETHING OFF
9	2462	VD	ON	G
10	2460	VD	ON	F
11	2460	VD,VP	ON	F
12	2460	VD,VP,VP	ON	G
13	4124	PT (BUS)	OFF	OTHER BUS DRIVER
14	2460	VD	ON	W
15	2460	VD	ON	W
16	4124	PT	OFF	G,F
17	4124	PT	OFF	G,F
18	4124	PT	OFF	G,F
19	4124	PT	OFF	G,F
20	4124	PT	OFF	G,F
21	4124	PT	OFF	G,F
22	4124	PT	OFF	G,F
23	4124	PT	OFF	G,F
24	4124	PT	OFF	G,F
25	4124	PT	OFF	G,F
26	4124	PT	OFF	G,F
27	4124	PT	OFF	G,F
28	4124	PT	OFF	G,F
29	4124	PT	OFF	G,F
30	4124	PT	OFF	G,F
31	4124	PT	OFF	G,F
32	4124	PT	OFF	G,F
33	4124	PT	OFF	G,F
34	4124	PT	OFF	G,F
35	4124	PT	OFF	G,F
36	4124	PT	OFF	G,F
37	4124	PT	OFF	G,F

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:- RAFTON GOLF CLUB				
Survey Day and Date:- NDAY 6TH JUNE 2021				
Survey Period:- 8AM - 10AM				
Surveyors Name:- TRACEY GILL				
Interview Number	e to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	2460	VD	OFF	OTHER - DROPPED OFF
2	2460	VP	OFF	G,F
3	2460	VP	OFF	G,F
4	2460	VD	ON	G
5	2460	VD	ON	G
6	2460	VD	ON	G,D,L,F,W
7	2460	VD	ON	G,F
8	2460	VD,VP	ON	G,F
9	2460	VD	ON	G
10	2460	VD	ON	G
11	2455	VD,VP	ON	G,F
12	2455	VD	ON	G,F
13	2455	VD	ON	G,F
14	2455	VD	ON	G,F
15	2460	VD	ON	G,F
16	2488	VD,VP	ON	G,F
17	2460	VD	ON	G,F
18	2460	VD,VP	OFF	G,F
19	2460	VD	ON	G,W
20	2460	VD,VP	ON	G,F
21	2460	VD,VP	ON	G,F
22	2460	VD	ON	G,F
23	2460	VD,VP	ON	G,F
24	2460	VD,VP	ON	G,F
25	2460	VD	ON	G,F
26	2460	VD	ON	F
27	2460	VD	ON	G

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		GRAFTON GOLF CLUB		
Survey Day and Date:-		WEDNESDAY 9TH JUNE 2021		
Survey Period:-		8AM - 10AM		
Surveyors Name:-		TRACEY GILL		
Interview Number	Response to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	2460	VD	ON	W
2	2460	VD	ON	W
3	2460	VD	ON	W
4	2460	VD	ON	W
5	2460	VD, VP	ON	F
6	2460	VD	ON	OTHER (DELIVERY)
7	2460	VD	ON	G
8	2460	VD	ON	W
9	2460	VD	ON	W
10	2460	VD	ON	W
11	2460	VD, VP	ON	OTHER (MAINTENANCE)
12	2460	VD	ON	W
13	2460	VD	ON	W
14	2460	VD	ON	F
15	2460	VD	ON	W
16	2480	VD	ON	(OTHER) DELIVERY TRUCK

Site Location	Golfbox Golf Course	
Survey Date	5th - 12th June 2021	
Period	6:00am to 7:00pm	



15 min Period	IN	OUT	Hourly Total			
Start	End	Cars	Trucks	Cars	Trucks	Hourly Total
6:00 AM	6:15 AM	1	0	0	0	
6:15 AM	6:30 AM	1	0	0	0	
6:30 AM	6:45 AM	7	2	0	0	
6:45 AM	7:00 AM	4	0	0	1	16
7:00 AM	7:15 AM	4	2	2	0	23
7:15 AM	7:30 AM	21	0	0	0	43
7:30 AM	7:45 AM	10	0	3	0	47
7:45 AM	8:00 AM	13	1	3	0	59
8:00 AM	8:15 AM	2	3	2	1	59
8:15 AM	8:30 AM	2	0	0	0	40
8:30 AM	8:45 AM	3	0	1	0	31
8:45 AM	9:00 AM	0	0	2	0	16
9:00 AM	9:15 AM	0	0	0	0	8
9:15 AM	9:30 AM	0	0	0	0	6
9:30 AM	9:45 AM	4	1	2	0	17
9:45 AM	10:00 AM	5	0	2	0	14
10:00 AM	10:15 AM	7	0	1	0	22
10:15 AM	10:30 AM	6	0	3	0	24
10:30 AM	10:45 AM	2	1	0	0	30
10:45 AM	11:00 AM	12	0	4	0	39
11:00 AM	11:15 AM	9	0	7	0	47
11:15 AM	11:30 AM	8	2	6	2	53
11:30 AM	11:45 AM	12	1	4	2	69
11:45 AM	12:00 PM	4	0	3	1	61
12:00 PM	12:15 PM	1	0	2	1	49
12:15 PM	12:30 PM	3	0	7	1	41
12:30 PM	12:45 PM	1	0	1	0	24
12:45 PM	1:00 PM	0	0	6	1	23
1:00 PM	1:15 PM	1	0	13	0	31
1:15 PM	1:30 PM	0	0	6	1	28
1:30 PM	1:45 PM	6	1	4	3	40
1:45 PM	2:00 PM	2	0	3	0	38
2:00 PM	2:15 PM	1	0	0	0	27
2:15 PM	2:30 PM	1	0	8	1	30
2:30 PM	2:45 PM	3	0	0	0	19
2:45 PM	3:00 PM	0	0	1	1	16
3:00 PM	3:15 PM	1	0	1	0	17
3:15 PM	3:30 PM	1	0	3	1	12
3:30 PM	3:45 PM	2	0	3	0	14
3:45 PM	4:00 PM	1	0	2	2	17
4:00 PM	4:15 PM	0	0	2	0	17
4:15 PM	4:30 PM	1	0	2	2	17
4:30 PM	4:45 PM	0	0	1	0	13
4:45 PM	5:00 PM	1	0	2	0	11
5:00 PM	5:15 PM	3	0	13	3	26
5:15 PM	5:30 PM	1	0	3	0	26
5:30 PM	5:45 PM	3	0	15	0	30
5:45 PM	6:00 PM	2	0	12	0	43
6:00 PM	6:15 PM	1	0	9	0	34
6:15 PM	6:30 PM	0	0	1	0	31
6:30 PM	6:45 PM	0	0	0	0	25
6:45 PM	7:00 PM	0	0	1	0	12
7:00 PM	7:15 PM	4	3	21	4	69
Peak Period: AM		41	3	21	4	69
Peak Period: PM		7	0	33	1	41
Total		172	14	194	22	363

15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	0	0	0	0	
6:15 AM	6:30 AM	0	0	0	0	
6:30 AM	6:45 AM	2	0	1	0	
6:45 AM	7:00 AM	6	1	0	0	30
7:00 AM	7:15 AM	11	2	0	0	23
7:15 AM	7:30 AM	11	1	0	0	35
7:30 AM	7:45 AM	5	1	0	0	38
7:45 AM	8:00 AM	2	0	1	0	19
8:00 AM	8:15 AM	5	1	2	0	29
8:15 AM	8:30 AM	4	0	1	1	23
8:30 AM	8:45 AM	2	0	0	0	19
8:45 AM	9:00 AM	1	1	2	0	20
9:00 AM	9:15 AM	4	1	3	0	20
9:15 AM	9:30 AM	6	0	2	0	22
9:30 AM	9:45 AM	2	0	0	1	23
9:45 AM	10:00 AM	3	0	1	0	23
10:00 AM	10:15 AM	3	0	1	1	20
10:15 AM	10:30 AM	1	0	1	0	14
10:30 AM	10:45 AM	2	0	4	0	17
10:45 AM	11:00 AM	0	0	2	1	16
11:00 AM	11:15 AM	3	1	14	1	30
11:15 AM	11:30 AM	2	0	11	0	41
11:30 AM	11:45 AM	0	1	3	0	39
11:45 AM	12:00 PM	0	1	4	0	41
12:00 PM	12:15 PM	3	0	2	1	28
12:15 PM	12:30 PM	6	0	2	0	23
12:30 PM	12:45 PM	5	0	2	0	26
12:45 PM	1:00 PM	2	0	2	0	25
1:00 PM	1:15 PM	3	0	1	0	23
1:15 PM	1:30 PM	3	1	3	0	22
1:30 PM	1:45 PM	1	0	0	0	19
1:45 PM	2:00 PM	4	0	3	0	19
2:00 PM	2:15 PM	0	0	0	0	18
2:15 PM	2:30 PM	0	0	2	0	11
2:30 PM	2:45 PM	1	1	1	0	20
2:45 PM	3:00 PM	2	0	1	0	11
3:00 PM	3:15 PM	4	0	3	1	18
3:15 PM	3:30 PM	2	0	4	1	23
3:30 PM	3:45 PM	0	0	4	0	25
3:45 PM	4:00 PM	0	0	2	1	25
4:00 PM	4:15 PM	2	0	3	1	23
4:15 PM	4:30 PM	0	0	1	0	12
4:30 PM	4:45 PM	0	0	1	0	12
4:45 PM	5:00 PM	0	0	1	0	6
5:00 PM	5:15 PM	1	0	2	0	7
5:15 PM	5:30 PM	0	0	3	0	8
5:30 PM	5:45 PM	0	0	0	0	7
5:45 PM	6:00 PM	0	0	1	0	13
6:00 PM	6:15 PM	1	0	1	0	5
6:15 PM	6:30 PM	0	0	1	0	8
6:30 PM	6:45 PM	1	0	0	0	8
6:45 PM	7:00 PM	1	0	0	0	8
7:00 PM	7:15 PM	7	1	31	2	41
Peak Period: AM		14	1	10	1	26
Peak Period: PM		17	1	25	0	43
Total		121	14	105	13	249

Monday, 7 June 2021						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	1	0	0	0	
6:15 AM	6:30 AM	1	0	0	0	
6:30 AM	6:45 AM	1	0	0	0	
6:45 AM	7:00 AM	1	1	1	0	6
7:00 AM	7:15 AM	1	0	0	1	7
7:15 AM	7:30 AM	0	0	0	0	6
7:30 AM	7:45 AM	2	0	0	0	7
7:45 AM	8:00 AM	14	0	1	0	25
8:00 AM	8:15 AM	10	0	0	0	27
8:15 AM	8:30 AM	4	0	0	0	31
8:30 AM	8:45 AM	8	0	0	1	38
8:45 AM	9:00 AM	2	3	2	0	30
9:00 AM	9:15 AM	1	1	1	0	23
9:15 AM	9:30 AM	0	0	0	0	19
9:30 AM	9:45 AM	1	2	0	0	12
9:45 AM	10:00 AM	1	0	2	0	9
10:00 AM	10:15 AM	0	0	0	0	6
10:15 AM	10:30 AM	2	1	1	0	10
10:30 AM	10:45 AM	5	0	0	0	12
10:45 AM	11:00 AM	5	0	9	0	23
11:00 AM	11:15 AM	3	0	2	0	28
11:15 AM	11:30 AM	4	0	6	2	36
11:30 AM	11:45 AM	0	0	4	1	36
11:45 AM	12:00 PM	3	1	4	0	30
12:00 PM	12:15 PM	4	0	6	0	35
12:15 PM	12:30 PM	7	0	6	0	38
12:30 PM	12:45 PM	3	0	7	0	43
12:45 PM	1:00 PM	3	1	2	2	40
1:00 PM	1:15 PM	2	0	5	4	41
1:15 PM	1:30 PM	0	0	0	0	17
1:30 PM	1:45 PM	1	0	1	0	19
1:45 PM	2:00 PM	2	0	3	0	24
2:00 PM	2:15 PM	0	0	0	0	13
2:15 PM	2:30 PM	1	0	5	1	19
2:30 PM	2:45 PM	0	0	3	0	20
2:45 PM	3:00 PM	0	0	0	0	15
3:00 PM	3:15 PM	3	0	1	0	14
3:15 PM	3:30 PM	2	0	1	0	10
3:30 PM	3:45 PM	2	1	1	0	11
3:45 PM	4:00 PM	2	0	4	0	17
4:00 PM	4:15 PM	1	0	1	0	15
4:15 PM	4:30 PM	0	0	1	0	13
4:30 PM	4:45 PM	0	0	3	0	12
4:45 PM	5:00 PM	0	0	0	0	6
5:00 PM	5:15 PM	0	0	2	0	8
5:15 PM	5:30 PM	2	0	1	0	19
5:30 PM	5:45 PM	2	0	2	0	12
5:45 PM	6:00 PM	0	0	1	0	13
6:00 PM	6:15 PM	1	0	1	0	11
6:15 PM	6:30 PM	1	0	0	0	4
6:30 PM	6:45 PM	0	0	1	0	4
6:45 PM	7:00 PM	0	0	1	0	4
Peak Period: AM		36	0	5	1	38
Peak Period: PM		17	1	25	3	43
Total		112	10	95	16	231

Monday, 8 June 2023						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	0	0	0	0	
6:15 AM	6:30 AM	2	0	0	0	
6:30 AM	6:45 AM	5	0	0	0	
6:45 AM	7:00 AM	7	0	3	0	18
7:00 AM	7:15 AM	3	0	0	0	22
7:15 AM	7:30 AM	4	1	2	0	26
7:30 AM	7:45 AM	2	0	0	0	28
7:45 AM	8:00 AM	6	1	0	0	25
8:00 AM	8:15 AM	2	1	1	0	25
8:15 AM	8:30 AM	4	0	1	0	35
8:30 AM	8:45 AM	5	1	2	0	24
8:45 AM	9:00 AM	3	2	0	0	22
9:00 AM	9:15 AM	5	1	3	0	27
9:15 AM	9:30 AM	4	0	1	0	27
9:30 AM	9:45 AM	2	2	0	0	23
9:45 AM	10:00 AM	2	0	2	1	23
10:00 AM	10:15 AM	4	0	0	0	18
10:15 AM	10:30 AM	2	1	1	0	18
10:30 AM	10:45 AM	6	0	1	0	21
10:45 AM	11:00 AM	6	0	0	0	25
11:00 AM	11:15 AM	5	1	2	0	29
11:15 AM	11:30 AM	4	1	1	2	32
11:30 AM	11:45 AM	6	0	0	0	17
11:45 AM	12:00 PM	5	1	4	0	15
12:00 PM	12:15 PM	1	1	4	0	38
12:15 PM	12:30 PM	1	0	2	1	34
12:30 PM	12:45 PM	1	0	6	2	13
12:45 PM	1:00 PM	2	1	3	0	23
1:00 PM	1:15 PM	1	0	2	0	20
1:15 PM	1:30 PM	5	0	1	0	22
1:30 PM	1:45 PM	1	0	7	0	21
1:45 PM	2:00 PM	0	0	2	0	14
2:00 PM	2:15 PM	3	0	5	0	29
2:15 PM	2:30 PM	0	0	6	1	29
2:30 PM	2:45 PM	1	0	0	0	19
2:45 PM	3:00 PM	5	0	1	0	22
3:00 PM	3:15 PM	1	0	2	2	25
3:15 PM	3:30 PM	4	1	5	0	17
3:30 PM	3:45 PM	1	0	1	0	17
3:45 PM	4:00 PM	2	0	4	1	28
4:00 PM	4:15 PM	1	0	6	0	29
4:15 PM	4:30 PM	2	1	2	0	12
4:30 PM	4:45 PM	1	0	0	0	19
4:45 PM	5:00 PM	1	0	6	2	19
5:00 PM	5:15 PM	1	0	0	0	30
5:15 PM	5:30 PM	0	0	2	1	29
5:30 PM	5:45 PM	0	0	0	0	29
5:45 PM	6:00 PM	0	0	0	0	12
6:00 PM	6:15 PM	0	0	0	0	12
6:15 PM	6:30 PM	0	0	0	0	1
6:30 PM	6:45 PM	0	0	0	0	1
6:45 PM	7:00 PM	0	0	2	2	3
Peak Period		20		18		2
Total		225		116		26

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM					
6:15 AM	6:30 AM					
6:30 AM	6:45 AM					
6:45 AM	7:00 AM					0
7:00 AM	7:15 AM					0
7:15 AM	7:30 AM					0
7:30 AM	7:45 AM					0
7:45 AM	8:00 AM					0
8:00 AM	8:15 AM					0
8:15 AM	8:30 AM					0
8:30 AM	8:45 AM					0
8:45 AM	9:00 AM					0
9:00 AM	9:15 AM					0
9:15 AM	9:30 AM					0
9:30 AM	9:45 AM					0
9:45 AM	10:00 AM					0
10:00 AM	10:15 AM					0
10:15 AM	10:30 AM					0
10:30 AM	10:45 AM					0
10:45 AM	11:00 AM					0
11:00 AM	11:15 AM					0
11:15 AM	11:30 AM					0
11:30 AM	11:45 AM					0
11:45 AM	12:00 PM					0
12:00 PM	12:15 PM					0
12:15 PM	12:30 PM					0
12:30 PM	12:45 PM					0
12:45 PM	1:00 PM					0
1:00 PM	1:15 PM					0
1:15 PM	1:30 PM					0
1:30 PM	1:45 PM					0
1:45 PM	2:00 PM					0
2:00 PM	2:15 PM					0
2:15 PM	2:30 PM					0

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				

15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
2:30 PM	2:45 PM					0
2:45 PM	3:00 PM					0
3:00 PM	3:15 PM					0
3:15 PM	3:30 PM					0
3:30 PM	3:45 PM					0
3:45 PM	4:00 PM					0
4:00 PM	4:15 PM					0
4:15 PM	4:30 PM					0
4:30 PM	4:45 PM					0
4:45 PM	5:00 PM					0
5:00 PM	5:15 PM					0
5:15 PM	5:30 PM					0
5:30 PM	5:45 PM					0
5:45 PM	6:00 PM					0
6:00 PM	6:15 PM					0
6:15 PM	6:30 PM					0
6:30 PM	6:45 PM					0
6:45 PM	7:00 PM					0
Peak Period - AM		0	0	0	0	0
Peak Period - PM		0	0	0	0	0
Total		0	0	0	0	0

Golf Course Site Information	
Site Location	Monash Country Club, Ingleside
Year Opened	
Other Uses Operating On Site	
Driving Range? (y/n) Operating Times	
Café / Restaurant Floor Area (GFA) (m2)	
Café / Restaurant seating capacity	
Function Room Floor Area	
Total undercover parking bays (if any)	
Parking spaces reserved for members or staff only	
Weekday Opening Hours	
Saturday Opening Hours	
Sunday Opening Hours	
Busiest Day	
Regular Competition Days	
Standard Interval Between Tee-off Times	
Cart Hire? (y/n)	
Traffic Surveyor Comments (eg. Local issues?, Roadworks?, Closed Areas?, Disability Access?, etc)	



Site Map



17/03/2022

Site Location	Monash Country Club
Survey Date	22nd, 23rd & 26th May 2021
Survey Period	6:00am to 7:00pm



tuesday 22nd May 2021


Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	11	10	0	0
6:15 AM	19	19	0	0
6:30 AM	17	18	1	0
6:45 AM	25	26	0	0
7:00 AM	20	20	0	0
7:15 AM	12	12	0	0
7:30 AM	5	5	0	0
7:45 AM	7	7	0	0
8:00 AM	2	2	0	0
8:15 AM	1	1	0	0
8:30 AM	2	2	0	0
8:45 AM	3	3	0	0
9:00 AM	5	6	0	0
9:15 AM	7	8	0	0
9:30 AM	3	3	0	0
9:45 AM	5	5	0	0
10:00 AM	6	6	0	0
10:15 AM	4	4	0	0
10:30 AM	7	9	0	0
10:45 AM	5	5	0	0
11:00 AM	8	10	0	0
11:15 AM	9	10	0	0
11:30 AM	8	8	0	0
11:45 AM	3	3	0	0
12:00 PM	1	1	0	0
12:15 PM	1	2	0	0
12:30 PM	3	4	0	0
12:45 PM	2	3	0	0
1:00 PM	0	0	0	0
1:15 PM	1	1	0	0
1:30 PM	0	0	0	0
1:45 PM	4	6	0	0
2:00 PM	8	10	0	0
2:15 PM	4	5	0	0
2:30 PM	2	3	0	0
2:45 PM	7	12	0	0
3:00 PM	10	14	0	0
3:15 PM	9	14	0	0
3:30 PM	4	5	0	0
3:45 PM	7	8	0	0
4:00 PM	7	9	0	0
4:15 PM	4	5	0	0
4:30 PM	5	6	0	0
4:45 PM	2	2	0	0
5:00 PM	1	1	0	0
5:15 PM	3	3	0	0
5:30 PM	1	1	0	0
5:45 PM	2	2	0	0
6:00 PM	1	1	0	0
6:15 PM	2	2	0	0
6:30 PM	0	0	0	0
6:45 PM	1	1	0	0
13 Hr Total	286	323	1	0

Sunday 23rd May 2021


Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	5	6	0	0
6:15 AM	10	13	0	0
6:30 AM	10	10	0	0
6:45 AM	13	15	0	0
7:00 AM	13	13	0	0
7:15 AM	12	13	0	0
7:30 AM	11	13	0	0
7:45 AM	6	6	0	0
8:00 AM	8	9	0	0
8:15 AM	0	0	0	0
8:30 AM	1	1	0	0
8:45 AM	0	0	0	0
9:00 AM	0	0	0	0
9:15 AM	0	0	0	0
9:30 AM	2	3	0	0
9:45 AM	5	7	0	0
10:00 AM	4	6	0	0
10:15 AM	9	14	0	0
10:30 AM	11	14	0	0
10:45 AM	13	19	0	0
11:00 AM	3	4	0	0
11:15 AM	2	2	0	0
11:30 AM	4	5	0	0
11:45 AM	4	6	0	0
12:00 PM	3	3	0	0
12:15 PM	0	0	0	0
12:30 PM	2	2	0	0
12:45 PM	2	4	0	0
1:00 PM	6	9	0	0
1:15 PM	0	0	0	0
1:30 PM	2	5	0	0
1:45 PM	5	8	0	0
2:00 PM	0	0	0	0
2:15 PM	1	2	0	0
2:30 PM	7	8	0	0
2:45 PM	3	3	0	0
3:00 PM	6	11	0	0
3:15 PM	2	4	0	0
3:30 PM	0	0	0	0
3:45 PM	2	3	0	0
4:00 PM	1	1	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
13 Hr Total	188	242	0	0

Wednesday 26th May 2021

Start Time	Entering Vehicle		Cyclists	Pedestrians
	Vehicles	Occupants		
6:00 AM	3	3	0	0
6:15 AM	14	14	0	0
6:30 AM	14	14	0	0
6:45 AM	7	7	0	0
7:00 AM	11	11	0	0
7:15 AM	13	14	0	0
7:30 AM	18	19	0	0
7:45 AM	7	7	0	0
8:00 AM	4	4	0	0
8:15 AM	3	3	0	0
8:30 AM	2	2	0	0
8:45 AM	3	3	0	0
9:00 AM	1	1	0	0
9:15 AM	3	3	0	0
9:30 AM	4	4	0	0
9:45 AM	3	3	0	0
10:00 AM	7	7	0	0
10:15 AM	15	15	0	0
10:30 AM	14	17	0	0
10:45 AM	11	11	0	0
11:00 AM	7	9	0	0
11:15 AM	17	17	0	0
11:30 AM	5	6	0	0
11:45 AM	5	5	0	0
12:00 PM	3	3	0	0
12:15 PM	6	10	0	0
12:30 PM	2	2	0	0
12:45 PM	0	0	0	0
1:00 PM	2	2	0	0
1:15 PM	0	0	0	0
1:30 PM	2	2	0	0
1:45 PM	3	4	0	0
2:00 PM	1	1	0	0
2:15 PM	1	1	0	0
2:30 PM	0	0	0	0
2:45 PM	1	1	0	0
3:00 PM	5	5	0	0
3:15 PM	1	1	0	0
3:30 PM	2	2	0	0
3:45 PM	2	2	0	0
4:00 PM	0	0	0	0
4:15 PM	2	2	0	0
4:30 PM	1	1	0	0
4:45 PM	1	1	0	0
5:00 PM	2	2	0	0
5:15 PM	2	2	0	0
5:30 PM	2	2	0	0
5:45 PM	1	1	0	0
6:00 PM	2	2	0	0
6:15 PM	1	1	0	0
6:30 PM	0	0	0	0
6:45 PM	1	1	0	0
13 Hr Total	237	250	0	0

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		WASH COUNTRY CLUB		
Survey Day and Date:-		JRDAY 22ND MAY 2021		
Survey Period:-		8AM - 10AM		
Surveyors Name:-		Raj		
Interview Number	se to the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	EPPING	VD	ON	W
2	AVALON	VD	ON	G
3	ST IVES	VD	ON	G

- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		COUNTRY CLUB INGLESIDE		
Survey Day and Date:-		NDAY 23RD MAY 2021		
Survey Period:-		8AM - 10AM		
Surveyors Name:-		RAJ		
Interview Number	Please answer the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT- specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, café, bar or function room (F), to work (W), or other (please specify).
1	KYEEMAGH	VD	ON	G
2	GREMORNE	VD	ON	G

- the conduct of a simple anonymous and optional interview survey c statistically robust sample of visitors to the site. The interview will b explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drov and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that c or if other venue(s) were visited before and/or after the car was café (this question is to collect information on 'linked trips')

GOLF COURSE TRIP GENERATION SURVEY				
Site Location:-		COUNTRY CLUB INGLESIDE		
Survey Day and Date:-		TUESDAY 26TH MAY 2021		
Survey Period:-		8AM - 10AM		
Surveyors Name:-		RAJ		
Interview Number	Please answer the following questions			
	1	2	3	4
	Which suburb did you travel from today? (postcode or suburb)	How did you travel here today? Drive your own car (VD), as a passenger in a car (VP), Uber (U), taxi (T), public transport (PT - specify mode), walk (W) or cycle (C). Note: Avoid asking if the person is observed getting out of a car.	If by private vehicle, did you park on site or off site? On site (ON) or offsite (OFF). Note: Avoid asking if parking location is already observed.	What is the purpose of your visit? Select all that apply: to play golf (G), use driving range (D), have a golf lesson (L), visit restaurant, cafe, bar or function room (F), to work (W), or other (please specify).
1	EPPING	VD	ON	W
2	AVALON	VD	ON	W



- the conduct of a simple anonymous and optional interview survey of a statistically robust sample of visitors to the site. The interview will briefly explain the purpose of the survey and seek information on:
 - if arriving on foot – whether the person walked to the site / drove and parked on the street / used public transport
 - whether the person works in the centre or is a customer
 - whether visiting the site was the sole purpose of their trip that day, or if other venue(s) were visited before and/or after the car wash / café (this question is to collect information on 'linked trips')

Site Location	Monash Country Club	
Survey Date	22nd - 28th May 2021	
Survey Period	6:00am to 7:00pm	



15 min Period	Start	End	Cars	Trucks	Cars	Trucks	Hourly Total
6:00 AM	6:15 AM	6:30 AM	4	1	0	0	
6:15 AM	6:30 AM	6:45 AM	15	3	0	0	
6:30 AM	6:45 AM	7:00 AM	12	1	1	0	
6:45 AM	7:00 AM	7:15 AM	15	1	0	0	53
7:00 AM	7:15 AM	7:30 AM	16	0	1	0	65
7:15 AM	7:30 AM	7:45 AM	12	2	1	0	62
7:30 AM	7:45 AM	8:00 AM	9	0	0	0	57
7:45 AM	8:00 AM	8:15 AM	6	1	0	0	48
8:00 AM	8:15 AM	8:30 AM	1	0	2	0	34
8:15 AM	8:30 AM	8:45 AM	4	0	1	0	24
8:30 AM	8:45 AM	9:00 AM	1	0	2	0	18
8:45 AM	9:00 AM	9:15 AM	2	0	0	0	13
9:00 AM	9:15 AM	9:30 AM	1	0	0	0	11
9:15 AM	9:30 AM	9:45 AM	0	0	1	0	7
9:30 AM	9:45 AM	10:00 AM	1	0	0	0	5
9:45 AM	10:00 AM	10:15 AM	10	0	1	0	14
10:00 AM	10:15 AM	10:30 AM	4	0	0	0	17
10:15 AM	10:30 AM	10:45 AM	4	1	1	0	22
10:30 AM	10:45 AM	11:00 AM	12	2	0	0	35
10:45 AM	11:00 AM	11:15 AM	20	2	2	0	48
11:00 AM	11:15 AM	11:30 AM	22	1	2	0	69
11:15 AM	11:30 AM	11:45 AM	11	1	8	1	84
11:30 AM	11:45 AM	12:00 PM	10	3	3	0	86
11:45 AM	12:00 PM	12:15 PM	4	0	10	0	76
12:00 PM	12:15 PM	12:30 PM	3	0	13	0	67
12:15 PM	12:30 PM	12:45 PM	3	0	10	0	59
12:30 PM	12:45 PM	1:00 PM	3	1	19	0	66
12:45 PM	1:00 PM	1:15 PM	5	0	8	0	65
1:00 PM	1:15 PM	1:30 PM	2	0	6	1	58
1:15 PM	1:30 PM	1:45 PM	1	0	10	0	56
1:30 PM	1:45 PM	2:00 PM	3	1	2	0	39
1:45 PM	2:00 PM	2:15 PM	2	1	3	1	33
2:00 PM	2:15 PM	2:30 PM	5	0	3	0	32
2:15 PM	2:30 PM	2:45 PM	2	0	8	0	31
2:30 PM	2:45 PM	3:00 PM	2	0	11	0	38
2:45 PM	3:00 PM	3:15 PM	0	1	4	0	36
3:00 PM	3:15 PM	3:30 PM	7	0	6	0	41
3:15 PM	3:30 PM	3:45 PM	2	0	4	0	37
3:30 PM	3:45 PM	4:00 PM	2	0	2	0	28
3:45 PM	4:00 PM	4:15 PM	1	0	7	0	31
4:00 PM	4:15 PM	4:30 PM	0	0	0	1	19
4:15 PM	4:30 PM	4:45 PM	0	0	4	0	17
4:30 PM	4:45 PM	5:00 PM	1	0	9	0	23
4:45 PM	5:00 PM	5:15 PM	0	0	15	0	30
5:00 PM	5:15 PM	5:30 PM	0	0	23	1	53
5:15 PM	5:30 PM	5:45 PM	0	0	20	0	69
5:30 PM	5:45 PM	6:00 PM	0	0	20	0	79
5:45 PM	6:00 PM	6:15 PM	0	0	4	2	75
6:00 PM	6:15 PM	6:30 PM	0	0	4	0	57
6:15 PM	6:30 PM	6:45 PM	0	0	4	0	41
6:30 PM	6:45 PM	7:00 PM	0	0	2	1	24
6:45 PM	7:00 PM		0	0	0	0	13
Peak Period - AM	63	7	15	1	86		
Peak Period - PM	0	0	78	1	79		
Total	240	23	263	9	535		

15 min Period	Start	End	Cars	Trucks	Cars	Trucks	Hourly Total
6:00 AM	6:15 AM	6:30 AM	8	0	0	0	
6:15 AM	6:30 AM	6:45 AM	5	1	0	0	
6:30 AM	6:45 AM	7:00 AM	6	0	0	0	
6:45 AM	7:00 AM	7:15 AM	21	2	1	0	44
7:00 AM	7:15 AM	7:30 AM	16	3	1	0	56
7:15 AM	7:30 AM	7:45 AM	12	0	0	0	62
7:30 AM	7:45 AM	8:00 AM	13	0	0	0	69
7:45 AM	8:00 AM	8:15 AM	6	0	0	0	51
8:00 AM	8:15 AM	8:30 AM	2	0	0	0	33
8:15 AM	8:30 AM	8:45 AM	2	0	0	0	23
8:30 AM	8:45 AM	9:00 AM	0	0	1	0	11
8:45 AM	9:00 AM	9:15 AM	1	0	1	0	7
9:00 AM	9:15 AM	9:30 AM	3	0	1	0	9
9:15 AM	9:30 AM	9:45 AM	1	0	0	0	8
9:30 AM	9:45 AM	10:00 AM	1	0	0	0	8
9:45 AM	10:00 AM	10:15 AM	6	0	2	0	14
10:00 AM	10:15 AM	10:30 AM	2	0	0	0	12
10:15 AM	10:30 AM	10:45 AM	4	0	1	0	16
10:30 AM	10:45 AM	11:00 AM	10	1	0	0	26
10:45 AM	11:00 AM	11:15 AM	10	1	1	0	30
11:00 AM	11:15 AM	11:30 AM	8	3	2	0	41
11:15 AM	11:30 AM	11:45 AM	12	0	8	0	56
11:30 AM	11:45 AM	12:00 PM	7	2	10	0	64
11:45 AM	12:00 PM	12:15 PM	6	0	11	0	69
12:00 PM	12:15 PM	12:30 PM	1	0	5	1	63
12:15 PM	12:30 PM	12:45 PM	2	0	14	1	60
12:30 PM	12:45 PM	1:00 PM	0	0	4	0	45
12:45 PM	1:00 PM	1:15 PM	1	0	8	0	37
1:00 PM	1:15 PM	1:30 PM	0	0	8	0	38
1:15 PM	1:30 PM	1:45 PM	0	0	5	0	26
1:30 PM	1:45 PM	2:00 PM	1	0	4	0	27
1:45 PM	2:00 PM	2:15 PM	2	0	3	0	23
2:00 PM	2:15 PM	2:30 PM	1	0	3	0	19
2:15 PM	2:30 PM	2:45 PM	3	0	7	2	26
2:30 PM	2:45 PM	3:00 PM	8	2	3	0	34
2:45 PM	3:00 PM	3:15 PM	9	1	6	0	45
3:00 PM	3:15 PM	3:30 PM	6	1	2	0	50
3:15 PM	3:30 PM	3:45 PM	4	1	3	0	46
3:30 PM	3:45 PM	4:00 PM	3	1	7	0	44
3:45 PM	4:00 PM	4:15 PM	2	0	6	0	36
4:00 PM	4:15 PM	4:30 PM	1	0	3	0	31
4:15 PM	4:30 PM	4:45 PM	0	1	3	0	27
4:30 PM	4:45 PM	5:00 PM	0	0	7	2	25
4:45 PM	5:00 PM	5:15 PM	0	0	18	0	35
5:00 PM	5:15 PM	5:30 PM	0	0	16	0	47
5:15 PM	5:30 PM	5:45 PM	1	0	18	1	63
5:30 PM	5:45 PM	6:00 PM	0	0	15	1	70
5:45 PM	6:00 PM	6:15 PM	0	0	9	0	61
6:00 PM	6:15 PM	6:30 PM	0	0	1	0	46
6:15 PM	6:30 PM	6:45 PM	0	0	3	0	29
6:30 PM	6:45 PM	7:00 PM	0	0	0	0	13
6:45 PM	7:00 PM		0	0	0	0	4
Peak Period - AM	62	5	2	0	69		
Peak Period - PM	1	0	67	2	70		
Total	207	20	221	8	456		

15 min Period	Start	End	Cars	Trucks	Cars	Trucks	Hourly Total
6:00 AM	6:15 AM	6:30 AM	0	0	0	0	
6:15 AM	6:30 AM	6:45 AM	0	0	0	0	
6:30 AM	6:45 AM	7:00 AM	0	0	0	0	
6:45 AM	7:00 AM	7:15 AM	3	0	0	0	3
7:00 AM	7:15 AM	7:30 AM	2	0	0	0	5
7:15 AM	7:30 AM	7:45 AM	8	0	0	0	13
7:30 AM	7:45 AM	8:00 AM	4	0	0	0	17
7:45 AM	8:00 AM	8:15 AM	4	0	0	0	18
8:00 AM	8:15 AM	8:30 AM	2	0	1	0	19
8:15 AM	8:30 AM	8:45 AM	3	0	0	0	14
8:30 AM	8:45 AM	9:00 AM	6	0	1	0	17
8:45 AM	9:00 AM	9:15 AM	7	2	1	2	25
9:00 AM	9:15 AM	9:30 AM	11	0	0	0	33
9:15 AM	9:30 AM	9:45 AM	22	0	0	0	52
9:30 AM	9:45 AM	10:00 AM	12	0	0	0	57
9:45 AM	10:00 AM	10:15 AM	19	0	0	0	64
10:00 AM	10:15 AM	10:30 AM	11	0	3	0	67
10:15 AM	10:30 AM	10:45 AM	6	1	2	0	54
10:30 AM	10:45 AM	11:00 AM	11	1	0	0	54
10:45 AM	11:00 AM	11:15 AM	3	1	1	0	40
11:00 AM	11:15 AM	11:30 AM	10	0	3	0	39
11:15 AM	11:30 AM	11:45 AM	4	0	1	0	35
11:30 AM	11:45 AM	12:00 PM	2	0	2	0	27
11:45 AM	12:00 PM	12:15 PM	2	1	1	0	26
12:00 PM	12:15 PM	12:30 PM	1	0	10	0	24
12:15 PM	12:30 PM	12:45 PM	6	1	8	1	35
12:30 PM	12:45 PM	1:00 PM	1	0	10	0	42
12:45 PM	1:00 PM	1:15 PM	7	0	5	0	50
1:00 PM	1:15 PM	1:30 PM	1	0	5	0	45
1:15 PM	1:30 PM	1:45 PM	1	1	4	1	36
1:30 PM	1:45 PM	2:00 PM	6	0	3	0	34
1:45 PM	2:00 PM	2:15 PM	8	0	7	1	38
2:00 PM	2:15 PM	2:30 PM	2	0	5	0	39
2:15 PM	2:30 PM	2:45 PM	1	0	6	0	39
2:30 PM	2:45 PM	3:00 PM	3	0	0	0	33
2:45 PM	3:00 PM	3:15 PM	7	1	2	0	27
3:00 PM	3:15 PM	3:30 PM	0	0	8	1	29
3:15 PM	3:30 PM	3:45 PM	4	0	13	0	39
3:30 PM	3:45 PM	4:00 PM	6	0	11	0	53
3:45 PM	4:00 PM	4:15 PM	4	0	26	0	73
4:00 PM	4:15 PM	4:30 PM	2	0	12	0	78
4:15 PM	4:30 PM	4:45 PM	2	0	11	0	74
4:30 PM	4:45 PM	5:00 PM	0	0	7	1	65
4:45 PM	5:00 PM	5:15 PM	0	0	14	0	49
5:00 PM	5:15 PM	5:30 PM	0	0	12	0	47
5:15 PM	5:30 PM	5:45 PM	0	0	12	1	47
5:30 PM	5:45 PM	6:00 PM	0	0	5	1	45
5:45 PM	6:00 PM	6:15 PM	0	0	3	0	34
6:00 PM	6:15 PM	6:30 PM	0	0	1	0	23
6:15 PM	6:30 PM	6:45 PM	0	0	0	0	10
6:30 PM	6:45 PM	7:00 PM	0	0	0	0	4
6:45 PM	7:00 PM		0	0	0	0	1
Peak Period - AM	64	0	3	0	67		
Peak Period - PM	16	0	62	0	78		
Total	214	9	216	9	448		

#####							
15 min Period		IN		OUT			Hourly Total
Start	End	Cars	Trucks	Cars	Trucks		
6:00 AM	6:15 AM	0	0	0	0		
6:15 AM	6:30 AM	0	0	0	0		
6:30 AM	6:45 AM	1	0	0	0		
6:45 AM	7:00 AM	7	0	0	0		8
7:00 AM	7:15 AM	5	0	0	0		13
7:15 AM	7:30 AM	10	1	0	0		24
7:30 AM	7:45 AM	6	0	1	0		30
7:45 AM	8:00 AM	11	0	0	0		34
8:00 AM	8:15 AM	6	0	1	0		36
8:15 AM	8:30 AM	5	1	0	0		31
8:30 AM	8:45 AM	8	0	0	0		32
8:45 AM	9:00 AM	12	0	0	0		33
9:00 AM	9:15 AM	4	0	1	0		31
9:15 AM	9:30 AM	8	2	2	0		37
9:30 AM	9:45 AM	3	0	0	1		33
9:45 AM	10:00 AM	4	0	1	0		26
10:00 AM	10:15 AM	3	0	0	1		25
10:15 AM	10:30 AM	7	2	1	0		23
10:30 AM	10:45 AM	3	0	1	1		24
10:45 AM	11:00 AM	9	1	0	1		30
11:00 AM	11:15 AM	4	0	2	0		32
11:15 AM	11:30 AM	4	0	4	0		30
11:30 AM	11:45 AM	5	0	4	0		34
11:45 AM	12:00 PM	5	0	0	0		28
12:00 PM	12:15 PM	6	0	5	0		33
12:15 PM	12:30 PM	3	0	8	0		36
12:30 PM	12:45 PM	7	0	1	0		35
12:45 PM	1:00 PM	5	0	6	1		42
1:00 PM	1:15 PM	4	0	6	0		41
1:15 PM	1:30 PM	2	1	6	0		39
1:30 PM	1:45 PM	4	2	13	0		50
1:45 PM	2:00 PM	5	0	5	1		49
2:00 PM	2:15 PM	6	0	7	0		52
2:15 PM	2:30 PM	4	0	11	0		58
2:30 PM	2:45 PM	1	1	9	0		50
2:45 PM	3:00 PM	4	0	8	0		51
3:00 PM	3:15 PM	2	1	12	1		54
3:15 PM	3:30 PM	3	0	11	0		53
3:30 PM	3:45 PM	5	2	1	0		50
3:45 PM	4:00 PM	5	0	8	0		51
4:00 PM	4:15 PM	5	0	5	0		45
4:15 PM	4:30 PM	4	0	5	0		40
4:30 PM	4:45 PM	0	0	13	0		45
4:45 PM	5:00 PM	1	0	6	0		39
5:00 PM	5:15 PM	0	0	21	0		50
5:15 PM	5:30 PM	0	0	17	0		58
5:30 PM	5:45 PM	0	0	10	0		55
5:45 PM	6:00 PM	0	0	3	1		52
6:00 PM	6:15 PM	0	0	0	0		31
6:15 PM	6:30 PM	0	0	0	0		14
6:30 PM	6:45 PM	0	0	0	0		4
6:45 PM	7:00 PM	0	0	0	0		0
Peak Period - AM		32	2	3	0		37
Peak Period - PM		1	0	57	0		58
Total		206	14	215	8		443

#####						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	4	1	0	0	
6:15 AM	6:30 AM	10	0	1	0	
6:30 AM	6:45 AM	12	1	0	0	
6:45 AM	7:00 AM	19	0	0	0	48
7:00 AM	7:15 AM	20	0	0	0	63
7:15 AM	7:30 AM	10	0	1	0	63
7:30 AM	7:45 AM	14	1	0	0	65
7:45 AM	8:00 AM	10	0	0	0	56
8:00 AM	8:15 AM	3	0	1	0	40
8:15 AM	8:30 AM	1	0	0	0	30
8:30 AM	8:45 AM	0	0	1	0	16
8:45 AM	9:00 AM	1	0	0	0	7
9:00 AM	9:15 AM	1	0	0	0	4
9:15 AM	9:30 AM	1	1	1	0	6
9:30 AM	9:45 AM	2	0	0	1	8
9:45 AM	10:00 AM	4	0	0	0	11
10:00 AM	10:15 AM	9	1	1	0	21
10:15 AM	10:30 AM	16	0	2	0	36
10:30 AM	10:45 AM	16	1	1	0	51
10:45 AM	11:00 AM	13	1	1	0	62
11:00 AM	11:15 AM	12	1	3	0	67
11:15 AM	11:30 AM	9	2	8	0	68
11:30 AM	11:45 AM	11	1	10	0	72
11:45 AM	12:00 PM	5	1	3	0	66
12:00 PM	12:15 PM	3	0	10	0	63
12:15 PM	12:30 PM	1	0	10	0	55
12:30 PM	12:45 PM	0	0	12	0	45
12:45 PM	1:00 PM	0	0	9	0	45
1:00 PM	1:15 PM	3	1	8	1	45
1:15 PM	1:30 PM	3	0	10	0	47
1:30 PM	1:45 PM	5	0	5	0	45
1:45 PM	2:00 PM	15	0	5	0	56
2:00 PM	2:15 PM	1	0	1	0	45
2:15 PM	2:30 PM	3	0	11	0	46
2:30 PM	2:45 PM	1	0	4	0	41
2:45 PM	3:00 PM	3	0	3	1	28
3:00 PM	3:15 PM	1	0	2	0	29
3:15 PM	3:30 PM	7	0	4	0	26
3:30 PM	3:45 PM	3	0	4	0	28
3:45 PM	4:00 PM	1	0	2	0	24
4:00 PM	4:15 PM	1	2	10	0	34
4:15 PM	4:30 PM	2	0	5	1	31
4:30 PM	4:45 PM	2	0	3	0	29
4:45 PM	5:00 PM	1	0	16	0	43
5:00 PM	5:15 PM	1	0	12	0	43
5:15 PM	5:30 PM	1	0	22	0	58
5:30 PM	5:45 PM	0	0	27	0	80
5:45 PM	6:00 PM	0	0	21	0	84
6:00 PM	6:15 PM	0	0	9	1	81
6:15 PM	6:30 PM	0	0	3	0	61
6:30 PM	6:45 PM	0	0	2	0	36
6:45 PM	7:00 PM	0	0	7	0	22
Peak Period - AM		45	5	22	0	72
Peak Period - PM		2	0	82	0	84
Total		261	15	271	5	552

#####						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	0	0	0	0	
6:15 AM	6:30 AM	2	0	0	0	
6:30 AM	6:45 AM	4	2	0	0	
6:45 AM	7:00 AM	9	0	0	0	17
7:00 AM	7:15 AM	3	0	0	0	20
7:15 AM	7:30 AM	6	0	2	0	26
7:30 AM	7:45 AM	6	0	1	0	27
7:45 AM	8:00 AM	4	1	0	0	23
8:00 AM	8:15 AM	6	1	2	0	29
8:15 AM	8:30 AM	12	0	0	0	33
8:30 AM	8:45 AM	5	1	0	0	32
8:45 AM	9:00 AM	4	0	0	0	31
9:00 AM	9:15 AM	3	0	0	0	25
9:15 AM	9:30 AM	8	1	1	0	23
9:30 AM	9:45 AM	3	1	1	1	23
9:45 AM	10:00 AM	2	0	2	0	23
10:00 AM	10:15 AM	1	1	0	0	22
10:15 AM	10:30 AM	1	0	1	1	15
10:30 AM	10:45 AM	3	0	0	1	13
10:45 AM	11:00 AM	4	2	0	0	15
11:00 AM	11:15 AM	7	0	4	1	25
11:15 AM	11:30 AM	11	1	9	1	44
11:30 AM	11:45 AM	15	4	4	0	63
11:45 AM	12:00 PM	13	3	5	0	78
12:00 PM	12:15 PM	12	2	15	0	95
12:15 PM	12:30 PM	7	0	4	1	85
12:30 PM	12:45 PM	7	0	8	1	78
12:45 PM	1:00 PM	2	1	3	0	63
1:00 PM	1:15 PM	2	1	4	1	42
1:15 PM	1:30 PM	2	0	8	0	40
1:30 PM	1:45 PM	3	0	6	0	33
1:45 PM	2:00 PM	1	1	2	0	31
2:00 PM	2:15 PM	2	0	6	0	31
2:15 PM	2:30 PM	2	0	2	0	25
2:30 PM	2:45 PM	1	0	6	0	23
2:45 PM	3:00 PM	2	0	1	0	22
3:00 PM	3:15 PM	3	1	3	0	21
3:15 PM	3:30 PM	3	0	3	0	23
3:30 PM	3:45 PM	5	0	6	0	27
3:45 PM	4:00 PM	2	0	1	1	28
4:00 PM	4:15 PM	0	0	1	0	22
4:15 PM	4:30 PM	0	0	1	0	17
4:30 PM	4:45 PM	4	0	8	0	18
4:45 PM	5:00 PM	1	0	6	0	21
5:00 PM	5:15 PM	0	0	14	0	34
5:15 PM	5:30 PM	0	0	13	0	46
5:30 PM	5:45 PM	0	0	31	1	66
5:45 PM	6:00 PM	0	0	6	0	65
6:00 PM	6:15 PM	0	0	14	0	65
6:15 PM	6:30 PM	0	0	3	0	55
6:30 PM	6:45 PM	0	0	0	1	24
6:45 PM	7:00 PM	0	0	0	0	18
Peak Period - AM		37	7	17	2	63
Peak Period - PM		39	5	32	2	78
Total		193	24	207	11	435

#####						
15 min Period		IN		OUT		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM	0	0	0	0	
6:15 AM	6:30 AM	2	0	0	0	
6:30 AM	6:45 AM	9	0	1	0	
6:45 AM	7:00 AM	6	1	0	1	20
7:00 AM	7:15 AM	7	0	1	0	28
7:15 AM	7:30 AM	8	1	1	0	36
7:30 AM	7:45 AM	10	0	1	0	37
7:45 AM	8:00 AM	6	0	1	0	36
8:00 AM	8:15 AM	3	1	1	0	33
8:15 AM	8:30 AM	4	0	0	0	27
8:30 AM	8:45 AM	5	0	1	0	22
8:45 AM	9:00 AM	6	1	0	0	22
9:00 AM	9:15 AM	7	0	1	0	25
9:15 AM	9:30 AM	6	0	1	0	28
9:30 AM	9:45 AM	5	0	11	0	38
9:45 AM	10:00 AM	10	0	9	0	50
10:00 AM	10:15 AM	3	1	3	0	49
10:15 AM	10:30 AM	7	1	3	0	53
10:30 AM	10:45 AM	10	2	3	0	52
10:45 AM	11:00 AM	5	0	7	0	45
11:00 AM	11:15 AM	8	2	4	0	52
11:15 AM	11:30 AM	5	0	4	0	50
11:30 AM	11:45 AM	2	0	4	0	41
11:45 AM	12:00 PM	2	0	4	1	36
12:00 PM	12:15 PM	11	0	3	0	36
12:15 PM	12:30 PM	4	1	3	0	35
12:30 PM	12:45 PM	2	1	5	0	37
12:45 PM	1:00 PM	0	0	6	2	38
1:00 PM	1:15 PM	4	0	6	0	34
1:15 PM	1:30 PM	12	1	14	0	53
1:30 PM	1:45 PM	4	0	8	1	58
1:45 PM	2:00 PM	4	0	2	0	56
2:00 PM	2:15 PM	6	1	4	1	58
2:15 PM	2:30 PM	4	0	5	0	40
2:30 PM	2:45 PM	3	0	2	0	32
2:45 PM	3:00 PM	3	0	1	0	30
3:00 PM	3:15 PM	1	0	7	0	26
3:15 PM	3:30 PM	1	3	2	0	23
3:30 PM	3:45 PM	2	2	8	0	30
3:45 PM	4:00 PM	6	0	4	0	36
4:00 PM	4:15 PM	3	0	7	0	38
4:15 PM	4:30 PM	2	0	11	0	45
4:30 PM	4:45 PM	2	0	10	1	46
4:45 PM	5:00 PM	3	0	9	0	48
5:00 PM	5:15 PM	2	0	8	1	49
5:15 PM	5:30 PM	1	0	15	1	53
5:30 PM	5:45 PM	3	0	15	0	58
5:45 PM	6:00 PM	0	0	2	0	48
6:00 PM	6:15 PM	1	0	1	0	39
6:15 PM	6:30 PM	0	0	1	0	23
6:30 PM	6:45 PM	1	0	2	0	8
6:45 PM	7:00 PM	0	0	2	0	8
Peak Period - AM		25	2	26	0	53
Peak Period - PM		9	0	47	2	58
Total		221	19	224	9	473

Site Location				
Survey Date				
Survey Period				
Main Traffic Flow				
AM Peak Period				
PM Peak Period				



15 min Period		Eastbound		Westbound		Hourly Total
Start	End	Cars	Trucks	Cars	Trucks	
6:00 AM	6:15 AM					
6:15 AM	6:30 AM					
6:30 AM	6:45 AM					
6:45 AM	7:00 AM					0
7:00 AM	7:15 AM					0
7:15 AM	7:30 AM					0
7:30 AM	7:45 AM					0
7:45 AM	8:00 AM					0
8:00 AM	8:15 AM					0
8:15 AM	8:30 AM					0
8:30 AM	8:45 AM					0
8:45 AM	9:00 AM					0
9:00 AM	9:15 AM					0
9:15 AM	9:30 AM					0
9:30 AM	9:45 AM					0
9:45 AM	10:00 AM					0
10:00 AM	10:15 AM					0
10:15 AM	10:30 AM					0
10:30 AM	10:45 AM					0
10:45 AM	11:00 AM					0
11:00 AM	11:15 AM					0
11:15 AM	11:30 AM					0
11:30 AM	11:45 AM					0
11:45 AM	12:00 PM					0
12:00 PM	12:15 PM					0
12:15 PM	12:30 PM					0
12:30 PM	12:45 PM					0
12:45 PM	1:00 PM					0
1:00 PM	1:15 PM					0
1:15 PM	1:30 PM					0
1:30 PM	1:45 PM					0
1:45 PM	2:00 PM					0
2:00 PM	2:15 PM					0
2:15 PM	2:30 PM					0
2:30 PM	2:45 PM					0
2:45 PM	3:00 PM					0
3:00 PM	3:15 PM					0
3:15 PM	3:30 PM					0
3:30 PM	3:45 PM					0
3:45 PM	4:00 PM					0
4:00 PM	4:15 PM					0
4:15 PM	4:30 PM					0
4:30 PM	4:45 PM					0
4:45 PM	5:00 PM					0
5:00 PM	5:15 PM					0
5:15 PM	5:30 PM					0
5:30 PM	5:45 PM					0
5:45 PM	6:00 PM					0
6:00 PM	6:15 PM					0
6:15 PM	6:30 PM					0
6:30 PM	6:45 PM					0
6:45 PM	7:00 PM					0
Peak Period - AM		0	0	0	0	0
Peak Period - PM		0	0	0	0	0
Total		0	0	0	0	0

Appendix C: Network Traffic Data

Survey Site	Golf Club			
Survey Location	Cleveland Street (west of Anzac Pde)			
Survey Dates	18 May 2018 - 24 May 2018			
Survey Period	6AM - 7PM			

Wednesday 22 May 2018				
Time Period		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	751	565	1316
7:00 AM	8:00 AM	859	709	1568
8:00 AM	9:00 AM	832	734	1566
9:00 AM	10:00 AM	705	631	1336
10:00 AM	11:00 AM	677	483	1160
11:00 AM	12:00 PM	639	548	1187
12:00 PM	1:00 PM	663	540	1203
1:00 PM	2:00 PM	669	624	1293
2:00 PM	3:00 PM	652	606	1258
3:00 PM	4:00 PM	778	677	1455
4:00 PM	5:00 PM	874	640	1514
5:00 PM	6:00 PM	835	714	1549
6:00 PM	7:00 PM	832	611	1443
7:00 PM	8:00 PM	636	525	1161
8:00 PM	9:00 PM	615	475	1090
9:00 PM	10:00 PM	567	452	1019
10:00 PM	11:00 PM	485	276	761
11:00 PM	12:00 AM	394	173	567
Peak Period - AM		859	734	1568
Peak Period - PM		874	714	1549
Total				

Saturday 19 May 2018				
Time Period		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	421	248	669
7:00 AM	8:00 AM	619	392	1011
8:00 AM	9:00 AM	767	523	1290
9:00 AM	10:00 AM	834	654	1488
10:00 AM	11:00 AM	792	644	1436
11:00 AM	12:00 PM	801	650	1451
12:00 PM	1:00 PM	877	724	1601
1:00 PM	2:00 PM	834	641	1475
2:00 PM	3:00 PM	901	651	1552
3:00 PM	4:00 PM	803	701	1504
4:00 PM	5:00 PM	842	626	1468
5:00 PM	6:00 PM	806	639	1445
6:00 PM	7:00 PM	910	675	1585
7:00 PM	8:00 PM	806	588	1394
8:00 PM	9:00 PM	488	421	909
9:00 PM	10:00 PM	518	598	1116
10:00 PM	11:00 PM	380	1030	1410
11:00 PM	12:00 AM	480	526	1006
Peak Period - AM		834	654	1488
Peak Period - PM		910	1030	1601
Total				

Sunday 19 May 2018				
Time Period		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	263	128	391
7:00 AM	8:00 AM	341	191	532
8:00 AM	9:00 AM	514	351	865
9:00 AM	10:00 AM	714	500	1214
10:00 AM	11:00 AM	819	526	1345
11:00 AM	12:00 PM	810	590	1400
12:00 PM	1:00 PM	848	647	1495
1:00 PM	2:00 PM	875	668	1543
2:00 PM	3:00 PM	845	688	1533
3:00 PM	4:00 PM	786	727	1513
4:00 PM	5:00 PM	792	693	1485
5:00 PM	6:00 PM	663	727	1390
6:00 PM	7:00 PM	589	499	1088
7:00 PM	8:00 PM	504	361	865
8:00 PM	9:00 PM	402	358	760
9:00 PM	10:00 PM	399	323	722
10:00 PM	11:00 PM	323	350	673
11:00 PM	12:00 AM	159	177	336
Peak Period - AM		819	590	1400
Peak Period - PM		875	727	1543
Total				

Survey Site	Club			
Survey Location	Marsh Street (near Innesdale			
Survey Dates	19 May 2017 - 25 May 2017			
Survey Period	6AM - 7PM			

Wednesday 24 May 2017				
Time Period		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	2876	908	3784
7:00 AM	8:00 AM	3197	1232	4429
8:00 AM	9:00 AM	2590	1389	3979
9:00 AM	10:00 AM	1866	1556	3422
10:00 AM	11:00 AM	1413	1475	2888
11:00 AM	12:00 PM	1277	1575	2852
12:00 PM	1:00 PM	1356	1601	2957
1:00 PM	2:00 PM	1376	1618	2994
2:00 PM	3:00 PM	1195	1844	3039
3:00 PM	4:00 PM	1083	2096	3179
4:00 PM	5:00 PM	1149	2217	3366
5:00 PM	6:00 PM	1171	2465	3636
6:00 PM	7:00 PM	1255	2091	3346
7:00 PM	8:00 PM	988	1685	2673
8:00 PM	9:00 PM	869	1502	2371
9:00 PM	10:00 PM	827	1421	2248
10:00 PM	11:00 PM	530	1135	1665
11:00 PM	12:00 AM	144	673	817
Peak Period - AM		3197	1575	4429
Peak Period - PM		1376	2465	3636
Total				

Saturday 20 May 2017				
Time Period		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	2225	1092	3317
7:00 AM	8:00 AM	1877	1458	3335
8:00 AM	9:00 AM	1980	1401	3381
9:00 AM	10:00 AM	1526	1765	3291
10:00 AM	11:00 AM	1497	1624	3121
11:00 AM	12:00 PM	1368	1591	2959
12:00 PM	1:00 PM	1386	1560	2946
1:00 PM	2:00 PM	1404	1570	2974
2:00 PM	3:00 PM	1331	1538	2869
3:00 PM	4:00 PM	1115	1307	2422
4:00 PM	5:00 PM	1024	1107	2131
5:00 PM	6:00 PM	1321	1113	2434
6:00 PM	7:00 PM	1372	1190	2562
7:00 PM	8:00 PM	1077	1258	2335
8:00 PM	9:00 PM	913	1225	2138
9:00 PM	10:00 PM	638	1123	1761
10:00 PM	11:00 PM	388	997	1385
11:00 PM	12:00 AM	167	458	625
Peak Period - AM		2225	1765	3381
Peak Period - PM		1404	1570	2974
Total				

Sunday 21 May 2017				
Time Period		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	1992	873	2865
7:00 AM	8:00 AM	1983	1348	3331
8:00 AM	9:00 AM	1869	1466	3335
9:00 AM	10:00 AM	1610	1675	3285
10:00 AM	11:00 AM	1469	1710	3179
11:00 AM	12:00 PM	1348	1725	3073
12:00 PM	1:00 PM	1458	1608	3066
1:00 PM	2:00 PM	1606	1575	3181
2:00 PM	3:00 PM	1377	1551	2928
3:00 PM	4:00 PM	1330	1416	2746
4:00 PM	5:00 PM	1396	1362	2758
5:00 PM	6:00 PM	1674	1565	3239
6:00 PM	7:00 PM	1624	1634	3258
7:00 PM	8:00 PM	1170	1554	2724
8:00 PM	9:00 PM	993	1424	2417
9:00 PM	10:00 PM	781	1275	2056
10:00 PM	11:00 PM	449	1182	1631
11:00 PM	12:00 AM	127	480	607
Peak Period - AM		1992	1725	3335
Peak Period - PM		1674	1634	3258
Total				

Survey Site	Golf Club			
Survey Location	River Road (near 139 River Road)			
Survey Dates	16 May 2018 - 22 May 2018			
Survey Period	6AM - 7PM			

Wednesday 16 May 2018				
Time		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	791	338	1129
7:00 AM	8:00 AM	1430	648	2078
8:00 AM	9:00 AM	1438	723	2161
9:00 AM	10:00 AM	968	571	1539
10:00 AM	11:00 AM	616	565	1181
11:00 AM	12:00 PM	521	628	1149
12:00 PM	1:00 PM	554	616	1170
1:00 PM	2:00 PM	525	621	1146
2:00 PM	3:00 PM	519	739	1258
3:00 PM	4:00 PM	633	1139	1772
4:00 PM	5:00 PM	650	1304	1954
5:00 PM	6:00 PM	816	1469	2285
6:00 PM	7:00 PM	653	1062	1715
7:00 PM	8:00 PM	417	626	1043
8:00 PM	9:00 PM	280	391	671
9:00 PM	10:00 PM	192	361	553
10:00 PM	11:00 PM	105	293	398
11:00 PM	12:00 AM	46	134	180
Peak Period - AM		1438	723	2161
Peak Period - PM		816	1469	2285
Total				

Saturday 19 May 2018				
Time		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	263	172	435
7:00 AM	8:00 AM	439	380	819
8:00 AM	9:00 AM	614	546	1160
9:00 AM	10:00 AM	693	620	1313
10:00 AM	11:00 AM	719	704	1423
11:00 AM	12:00 PM	769	819	1588
12:00 PM	1:00 PM	626	852	1478
1:00 PM	2:00 PM	620	790	1410
2:00 PM	3:00 PM	584	800	1384
3:00 PM	4:00 PM	527	735	1262
4:00 PM	5:00 PM	584	761	1345
5:00 PM	6:00 PM	621	801	1422
6:00 PM	7:00 PM	574	577	1151
7:00 PM	8:00 PM	391	367	758
8:00 PM	9:00 PM	178	228	406
9:00 PM	10:00 PM	188	293	481
10:00 PM	11:00 PM	212	378	590
11:00 PM	12:00 AM	180	314	494
Peak Period - AM		769	819	1588
Peak Period - PM		626	852	1478
Total				

Sunday 20 May 2018				
Time		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	151	114	265
7:00 AM	8:00 AM	187	223	410
8:00 AM	9:00 AM	308	316	624
9:00 AM	10:00 AM	558	477	1035
10:00 AM	11:00 AM	618	602	1220
11:00 AM	12:00 PM	651	715	1366
12:00 PM	1:00 PM	670	676	1346
1:00 PM	2:00 PM	620	670	1290
2:00 PM	3:00 PM	563	631	1194
3:00 PM	4:00 PM	573	619	1192
4:00 PM	5:00 PM	533	758	1291
5:00 PM	6:00 PM	528	726	1254
6:00 PM	7:00 PM	339	429	768
7:00 PM	8:00 PM	248	330	578
8:00 PM	9:00 PM	190	285	475
9:00 PM	10:00 PM	117	240	357
10:00 PM	11:00 PM	56	169	225
11:00 PM	12:00 AM	47	74	121
Peak Period - AM		651	715	1366
Peak Period - PM		670	758	1346
Total				

Survey Site	Club			
Survey Location	Anzac Parade (west Elaroo Ave)			
Survey Dates	9 August 2017 - 15 August 2017			
Survey Period	6AM - 7PM			

Wednesday 9 August 2017				
Time Period		Northbound	Southbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	63	82	145
7:00 AM	8:00 AM	50	69	119
8:00 AM	9:00 AM	54	56	110
9:00 AM	10:00 AM	73	106	179
10:00 AM	11:00 AM	96	139	235
11:00 AM	12:00 PM	134	195	329
12:00 PM	1:00 PM	173	190	363
1:00 PM	2:00 PM	175	203	378
2:00 PM	3:00 PM	180	158	338
3:00 PM	4:00 PM	138	163	301
4:00 PM	5:00 PM	147	134	281
5:00 PM	6:00 PM	146	118	264
6:00 PM	7:00 PM	84	93	177
7:00 PM	8:00 PM	77	82	159
8:00 PM	9:00 PM	88	88	176
9:00 PM	10:00 PM	96	98	194
10:00 PM	11:00 PM	61	44	105
11:00 PM	12:00 AM	21	29	50
Peak Period - AM		134	195	329
Peak Period - PM		180	203	378
Total				

Saturday 12 August 2017				
Time Period		Northbound	Southbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	46	81	127
7:00 AM	8:00 AM	101	175	276
8:00 AM	9:00 AM	115	140	255
9:00 AM	10:00 AM	111	151	262
10:00 AM	11:00 AM	160	210	370
11:00 AM	12:00 PM	176	217	393
12:00 PM	1:00 PM	217	253	470
1:00 PM	2:00 PM	230	273	503
2:00 PM	3:00 PM	209	258	467
3:00 PM	4:00 PM	268	286	554
4:00 PM	5:00 PM	275	308	583
5:00 PM	6:00 PM	327	217	544
6:00 PM	7:00 PM	160	128	288
7:00 PM	8:00 PM	142	136	278
8:00 PM	9:00 PM	167	158	325
9:00 PM	10:00 PM	207	194	401
10:00 PM	11:00 PM	169	171	340
11:00 PM	12:00 AM	94	91	185
Peak Period - AM		176	217	393
Peak Period - PM		327	308	583
Total				

Sunday 13 August 2017				
Time Period		Northbound	Southbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	49	63	112
7:00 AM	8:00 AM	122	168	290
8:00 AM	9:00 AM	115	210	325
9:00 AM	10:00 AM	165	227	392
10:00 AM	11:00 AM	177	268	445
11:00 AM	12:00 PM	230	406	636
12:00 PM	1:00 PM	354	480	834
1:00 PM	2:00 PM	413	578	991
2:00 PM	3:00 PM	463	535	998
3:00 PM	4:00 PM	427	473	900
4:00 PM	5:00 PM	471	477	948
5:00 PM	6:00 PM	438	282	720
6:00 PM	7:00 PM	202	117	319
7:00 PM	8:00 PM	136	113	249
8:00 PM	9:00 PM	157	157	314
9:00 PM	10:00 PM	165	149	314
10:00 PM	11:00 PM	85	80	165
11:00 PM	12:00 AM	30	36	66
Peak Period - AM		230	406	636
Peak Period - PM		471	578	998
Total				

Survey Site	Country Club			
Survey Location	Mona Vale Road (near Addison			
Survey Dates	17 May 2019 - 23 May 2019			
Survey Period	6AM - 7PM			

Wednesday 22 May 2019				
Time		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	957	1485	2442
7:00 AM	8:00 AM	1085	1619	2704
8:00 AM	9:00 AM	1318	1654	2972
9:00 AM	10:00 AM	1067	1215	2282
10:00 AM	11:00 AM	1033	989	2022
11:00 AM	12:00 PM	931	1078	2009
12:00 PM	1:00 PM	981	1042	2023
1:00 PM	2:00 PM	943	1033	1976
2:00 PM	3:00 PM	1037	1249	2286
3:00 PM	4:00 PM	1449	1296	2745
4:00 PM	5:00 PM	1641	1307	2948
5:00 PM	6:00 PM	1686	1155	2841
6:00 PM	7:00 PM	1199	664	1863
7:00 PM	8:00 PM	664	353	1017
8:00 PM	9:00 PM	420	238	658
9:00 PM	10:00 PM	282	238	520
10:00 PM	11:00 PM	165	119	284
11:00 PM	12:00 AM	65	62	127
Peak Period - AM		1318	1654	2972
Peak Period - PM		1686	1307	2948
Total				

Saturday 18 May 2019				
Time		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	436	437	873
7:00 AM	8:00 AM	556	718	1274
8:00 AM	9:00 AM	648	975	1623
9:00 AM	10:00 AM	878	1039	1917
10:00 AM	11:00 AM	1106	1113	2219
11:00 AM	12:00 PM	1235	1197	2432
12:00 PM	1:00 PM	1183	1239	2422
1:00 PM	2:00 PM	1240	1160	2400
2:00 PM	3:00 PM	1161	1139	2300
3:00 PM	4:00 PM	1116	1063	2179
4:00 PM	5:00 PM	1075	1110	2185
5:00 PM	6:00 PM	1009	948	1957
6:00 PM	7:00 PM	702	580	1282
7:00 PM	8:00 PM	387	300	687
8:00 PM	9:00 PM	257	208	465
9:00 PM	10:00 PM	263	275	538
10:00 PM	11:00 PM	212	278	490
11:00 PM	12:00 AM	179	209	388
Peak Period - AM		1235	1197	2432
Peak Period - PM		1240	1239	2422
Total				

Sunday 19 May 2019				
Time		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	226	273	499
7:00 AM	8:00 AM	354	438	792
8:00 AM	9:00 AM	537	728	1265
9:00 AM	10:00 AM	825	1039	1864
10:00 AM	11:00 AM	969	1293	2262
11:00 AM	12:00 PM	1198	1261	2459
12:00 PM	1:00 PM	1257	1179	2436
1:00 PM	2:00 PM	1442	1030	2472
2:00 PM	3:00 PM	1207	1091	2298
3:00 PM	4:00 PM	1235	1145	2380
4:00 PM	5:00 PM	1089	1068	2157
5:00 PM	6:00 PM	959	798	1757
6:00 PM	7:00 PM	624	446	1070
7:00 PM	8:00 PM	344	276	620
8:00 PM	9:00 PM	287	212	499
9:00 PM	10:00 PM	197	195	392
10:00 PM	11:00 PM	106	101	207
11:00 PM	12:00 AM	58	62	120
Peak Period - AM		1198	1293	2459
Peak Period - PM		1442	1179	2472
Total				

Survey Site	h Golf Club		
Survey Location	North Arm Road between		
Survey Dates	19/07/2016 - 25/07/2016		
Survey Period	6AM - 7PM		

Wednesday 20 July 2016				
Time Period		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	63	22	85
7:00 AM	8:00 AM	81	48	129
8:00 AM	9:00 AM	238	169	407
9:00 AM	10:00 AM	115	69	184
10:00 AM	11:00 AM	76	78	154
11:00 AM	12:00 PM	75	66	141
12:00 PM	1:00 PM	90	83	173
1:00 PM	2:00 PM	84	81	165
2:00 PM	3:00 PM	72	99	171
3:00 PM	4:00 PM	175	147	322
4:00 PM	5:00 PM	95	124	219
5:00 PM	6:00 PM	76	143	219
6:00 PM	7:00 PM	40	81	121
7:00 PM	8:00 PM	21	83	104
8:00 PM	9:00 PM	14	37	51
9:00 PM	10:00 PM	45	20	65
10:00 PM	11:00 PM	6	12	18
11:00 PM	12:00 AM	1	9	10
Peak Period - AM		238	169	407
Peak Period - PM		175	147	322
Total				

Saturday 23 July 2016				
Time Period		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	33	10	43
7:00 AM	8:00 AM	72	30	102
8:00 AM	9:00 AM	72	54	126
9:00 AM	10:00 AM	104	79	183
10:00 AM	11:00 AM	102	95	197
11:00 AM	12:00 PM	87	80	167
12:00 PM	1:00 PM	79	101	180
1:00 PM	2:00 PM	71	110	181
2:00 PM	3:00 PM	75	103	178
3:00 PM	4:00 PM	72	111	183
4:00 PM	5:00 PM	69	90	159
5:00 PM	6:00 PM	109	88	197
6:00 PM	7:00 PM	64	76	140
7:00 PM	8:00 PM	42	50	92
8:00 PM	9:00 PM	22	35	57
9:00 PM	10:00 PM	14	42	56
10:00 PM	11:00 PM	11	27	38
11:00 PM	12:00 AM	11	19	30
Peak Period - AM		104	95	197
Peak Period - PM		109	111	197
Total				

Sunday 24 July 2016				
Time Period		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	15	5	20
7:00 AM	8:00 AM	33	22	55
8:00 AM	9:00 AM	77	51	128
9:00 AM	10:00 AM	77	99	176
10:00 AM	11:00 AM	100	81	181
11:00 AM	12:00 PM	89	80	169
12:00 PM	1:00 PM	108	78	186
1:00 PM	2:00 PM	55	97	152
2:00 PM	3:00 PM	60	63	123
3:00 PM	4:00 PM	53	88	141
4:00 PM	5:00 PM	74	90	164
5:00 PM	6:00 PM	62	88	150
6:00 PM	7:00 PM	28	63	91
7:00 PM	8:00 PM	21	34	55
8:00 PM	9:00 PM	13	19	32
9:00 PM	10:00 PM	6	16	22
10:00 PM	11:00 PM	3	6	9
11:00 PM	12:00 AM	1	3	4
Peak Period - AM		100	99	181
Peak Period - PM		108	97	186
Total				

Survey Site	and Tweed			
Survey Location	Minjungbal Drive (near Blundell)			
Survey Dates	18 May 2017 - 24 May 2017			
Survey Period	6AM - 7PM			

Wednesday 24 May 2017				
Time Period		Northbound	Southbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	341	342	683
7:00 AM	8:00 AM	694	632	1326
8:00 AM	9:00 AM	1202	1112	2314
9:00 AM	10:00 AM	1114	1140	2254
10:00 AM	11:00 AM	1097	1154	2251
11:00 AM	12:00 PM	1227	1273	2500
12:00 PM	1:00 PM	1126	1268	2394
1:00 PM	2:00 PM	1055	1265	2320
2:00 PM	3:00 PM	1147	1372	2519
3:00 PM	4:00 PM	1222	1404	2626
4:00 PM	5:00 PM	1138	1255	2393
5:00 PM	6:00 PM	869	1005	1874
6:00 PM	7:00 PM	530	561	1091
7:00 PM	8:00 PM	284	328	612
8:00 PM	9:00 PM	170	258	428
9:00 PM	10:00 PM	149	265	414
10:00 PM	11:00 PM	70	116	186
11:00 PM	12:00 AM	20	54	74
Peak Period - AM		1227	1273	2500
Peak Period - PM		1222	1404	2626
Total				

Saturday 20 May 2017				
Time Period		Northbound	Southbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	200	165	365
7:00 AM	8:00 AM	334	369	703
8:00 AM	9:00 AM	561	675	1236
9:00 AM	10:00 AM	904	970	1874
10:00 AM	11:00 AM	1111	1205	2316
11:00 AM	12:00 PM	1373	1311	2684
12:00 PM	1:00 PM	1106	1179	2285
1:00 PM	2:00 PM	1033	1179	2212
2:00 PM	3:00 PM	906	1125	2031
3:00 PM	4:00 PM	834	992	1826
4:00 PM	5:00 PM	713	907	1620
5:00 PM	6:00 PM	639	630	1269
6:00 PM	7:00 PM	415	462	877
7:00 PM	8:00 PM	247	340	587
8:00 PM	9:00 PM	216	292	508
9:00 PM	10:00 PM	153	277	430
10:00 PM	11:00 PM	106	219	325
11:00 PM	12:00 AM	79	133	212
Peak Period - AM		1373	1311	2684
Peak Period - PM		1106	1179	2285
Total				

Sunday 21 May 2017				
Time Period		Northbound	Southbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	205	104	309
7:00 AM	8:00 AM	277	249	526
8:00 AM	9:00 AM	483	501	984
9:00 AM	10:00 AM	627	742	1369
10:00 AM	11:00 AM	885	965	1850
11:00 AM	12:00 PM	910	1073	1983
12:00 PM	1:00 PM	937	1090	2027
1:00 PM	2:00 PM	833	1013	1846
2:00 PM	3:00 PM	700	921	1621
3:00 PM	4:00 PM	692	780	1472
4:00 PM	5:00 PM	554	595	1149
5:00 PM	6:00 PM	435	536	971
6:00 PM	7:00 PM	277	405	682
7:00 PM	8:00 PM	168	248	416
8:00 PM	9:00 PM	140	208	348
9:00 PM	10:00 PM	91	135	226
10:00 PM	11:00 PM	42	94	136
11:00 PM	12:00 AM	22	41	63
Peak Period - AM		910	1073	1983
Peak Period - PM		937	1090	2027
Total				

Survey Site	Golf Club
Survey Location	Glebe Road (between June St and
Survey Dates	20 June 2018 - 26 June 2018
Survey Period	6AM - 7PM

Wednesday 20 June 2018

Time Period		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	270	210	480
7:00 AM	8:00 AM	607	365	972
8:00 AM	9:00 AM	829	529	1358
9:00 AM	10:00 AM	576	484	1060
10:00 AM	11:00 AM	499	465	964
11:00 AM	12:00 PM	486	520	1006
12:00 PM	1:00 PM	521	496	1017
1:00 PM	2:00 PM	480	511	991
2:00 PM	3:00 PM	459	519	978
3:00 PM	4:00 PM	602	647	1249
4:00 PM	5:00 PM	607	586	1193
5:00 PM	6:00 PM	637	756	1393
6:00 PM	7:00 PM	474	500	974
7:00 PM	8:00 PM	298	349	647
8:00 PM	9:00 PM	212	243	455
9:00 PM	10:00 PM	149	208	357
10:00 PM	11:00 PM	66	94	160
11:00 PM	12:00 AM	46	41	87
Peak Period - AM		829	529	1358
Peak Period - PM		637	756	1393
Total				

Saturday 23 June 2018

Time Period		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	151	100	251
7:00 AM	8:00 AM	248	207	455
8:00 AM	9:00 AM	470	362	832
9:00 AM	10:00 AM	578	516	1094
10:00 AM	11:00 AM	572	663	1235
11:00 AM	12:00 PM	674	760	1434
12:00 PM	1:00 PM	711	696	1407
1:00 PM	2:00 PM	614	634	1248
2:00 PM	3:00 PM	632	634	1266
3:00 PM	4:00 PM	571	600	1171
4:00 PM	5:00 PM	547	587	1134
5:00 PM	6:00 PM	541	534	1075
6:00 PM	7:00 PM	447	402	849
7:00 PM	8:00 PM	298	287	585
8:00 PM	9:00 PM	205	236	441
9:00 PM	10:00 PM	177	224	401
10:00 PM	11:00 PM	162	222	384
11:00 PM	12:00 AM	122	147	269
Peak Period - AM		674	760	1434
Peak Period - PM		711	696	1407
Total				

Sunday 24 June 2018

Time Period		Eastbound	Westbound	Combined
Start	End	All Veh	All Veh	
6:00 AM	7:00 AM	73	69	142
7:00 AM	8:00 AM	119	91	210
8:00 AM	9:00 AM	271	239	510
9:00 AM	10:00 AM	424	371	795
10:00 AM	11:00 AM	487	513	1000
11:00 AM	12:00 PM	550	592	1142
12:00 PM	1:00 PM	605	632	1237
1:00 PM	2:00 PM	603	601	1204
2:00 PM	3:00 PM	498	604	1102
3:00 PM	4:00 PM	521	503	1024
4:00 PM	5:00 PM	485	505	990
5:00 PM	6:00 PM	409	406	815
6:00 PM	7:00 PM	242	261	503
7:00 PM	8:00 PM	208	180	388
8:00 PM	9:00 PM	102	113	215
9:00 PM	10:00 PM	80	96	176
10:00 PM	11:00 PM	123	150	273
11:00 PM	12:00 AM	35	57	92
Peak Period - AM		550	592	1142
Peak Period - PM		605	632	1237
Total				

^a Park Golf Club.

Time Period	End	Eastbound	Westbound	Combine
6:00 AM - 7:00 AM	751	585	1316	
7:00 AM - 8:00 AM	819	708	1526	
8:00 AM - 9:00 AM	832	734	1566	
9:00 AM - 10:00 AM	855	811	1666	
10:00 AM - 11:00 AM	877	881	1758	
11:00 AM - 12:00 PM	930	548	1478	
12:00 PM - 1:00 PM	643	540	1183	
1:00 PM - 2:00 PM	667	634	1303	
2:00 PM - 3:00 PM	652	658	1310	
3:00 PM - 4:00 PM	718	677	1395	
4:00 PM - 5:00 PM	974	640	1614	
5:00 PM - 6:00 PM	836	714	1550	
6:00 PM - 7:00 PM	822	611	1433	
7:00 PM - 8:00 PM	636	525	1161	
8:00 PM - 9:00 PM	635	475	1110	
9:00 PM - 10:00 PM	567	452	1019	
10:00 PM - 11:00 PM	481	276	757	
11:00 PM - 12:00 AM	294	179	473	
Peak Period - AM	859	734	1593	
Peak Period - PM	874	714	1588	
150%				

Kazuoji Golf Course

Time Period	Eastbound	Westbound	Combined
6:00 AM - 7:00 AM	2876	3008	5884
7:00 AM - 8:00 AM	2197	1292	4489
8:00 AM - 9:00 AM	2090	1889	3979
9:00 AM - 10:00 AM	1866	1556	3422
10:00 AM - 11:00 AM	2213	1415	3628
11:00 AM - 12:00 PM	1277	1575	2852
12:00 PM - 1:00 PM	1366	1603	2969
1:00 PM - 2:00 PM	1376	1618	2994
2:00 PM - 3:00 PM	1535	1884	3419
3:00 PM - 4:00 PM	2288	2006	4294
4:00 PM - 5:00 PM	1189	2217	3406
5:00 PM - 6:00 PM	1171	2465	3636
6:00 PM - 7:00 PM	1251	2091	3342
7:00 PM - 8:00 PM	868	1465	2333
8:00 PM - 9:00 PM	861	1523	2384
9:00 PM - 10:00 PM	827	1821	2248
10:00 PM - 11:00 PM	320	1135	1655
11:00 PM - 12:00 AM	144	674	817
Peak Period - AM	2197	1575	3639
Peak Period - PM	2276	2465	4641
USA			

Lane Cove Golf Club

Time Period	Eastbound	Westbound	Combined
Start	5:00	4:45	4:45
End	5:15	5:00	5:00
7:00 AM - 7:15 AM	5400	5800	11200
7:15 AM - 7:30 AM	14000	7200	21200
7:30 AM - 7:45 AM	14000	7200	21200
7:45 AM - 8:00 AM	14000	7200	21200
8:00 AM - 8:15 AM	14000	7200	21200
8:15 AM - 8:30 AM	14000	7200	21200
8:30 AM - 8:45 AM	14000	7200	21200
8:45 AM - 9:00 AM	14000	7200	21200
9:00 AM - 9:15 AM	14000	7200	21200
9:15 AM - 9:30 AM	14000	7200	21200
9:30 AM - 9:45 AM	14000	7200	21200
9:45 AM - 10:00 AM	14000	7200	21200
10:00 AM - 10:15 AM	14000	7200	21200
10:15 AM - 10:30 AM	14000	7200	21200
10:30 AM - 10:45 AM	14000	7200	21200
10:45 AM - 11:00 AM	14000	7200	21200
11:00 AM - 11:15 AM	14000	7200	21200
11:15 AM - 11:30 AM	14000	7200	21200
11:30 AM - 11:45 AM	14000	7200	21200
11:45 AM - 12:00 PM	14000	7200	21200
12:00 PM - 12:15 PM	14000	7200	21200
12:15 PM - 12:30 PM	14000	7200	21200
12:30 PM - 12:45 PM	14000	7200	21200
12:45 PM - 1:00 PM	14000	7200	21200
1:00 PM - 1:15 PM	14000	7200	21200
1:15 PM - 1:30 PM	14000	7200	21200
1:30 PM - 1:45 PM	14000	7200	21200
1:45 PM - 2:00 PM	14000	7200	21200
2:00 PM - 2:15 PM	14000	7200	21200
2:15 PM - 2:30 PM	14000	7200	21200
2:30 PM - 2:45 PM	14000	7200	21200
2:45 PM - 3:00 PM	14000	7200	21200
3:00 PM - 3:15 PM	14000	7200	21200
3:15 PM - 3:30 PM	14000	7200	21200
3:30 PM - 3:45 PM	14000	7200	21200
3:45 PM - 4:00 PM	14000	7200	21200
4:00 PM - 4:15 PM	14000	7200	21200
4:15 PM - 4:30 PM	14000	7200	21200
4:30 PM - 4:45 PM	14000	7200	21200
4:45 PM - 5:00 PM	14000	7200	21200
5:00 PM - 5:15 PM	14000	7200	21200
5:15 PM - 5:30 PM	14000	7200	21200
5:30 PM - 5:45 PM	14000	7200	21200
5:45 PM - 6:00 PM	14000	7200	21200
6:00 PM - 6:15 PM	14000	7200	21200
6:15 PM - 6:30 PM	14000	7200	21200
6:30 PM - 6:45 PM	14000	7200	21200
6:45 PM - 7:00 PM	14000	7200	21200
7:00 PM - 7:15 PM	14000	7200	21200
7:15 PM - 7:30 PM	14000	7200	21200
7:30 PM - 7:45 PM	14000	7200	21200
7:45 PM - 8:00 PM	14000	7200	21200
8:00 PM - 8:15 PM	14000	7200	21200
8:15 PM - 8:30 PM	14000	7200	21200
8:30 PM - 8:45 PM	14000	7200	21200
8:45 PM - 9:00 PM	14000	7200	21200
9:00 PM - 9:15 PM	14000	7200	21200
9:15 PM - 9:30 PM	14000	7200	21200
9:30 PM - 9:45 PM	14000	7200	21200
9:45 PM - 10:00 PM	14000	7200	21200
10:00 PM - 10:15 PM	14000	7200	21200
10:15 PM - 10:30 PM	14000	7200	21200
10:30 PM - 10:45 PM	14000	7200	21200
10:45 PM - 11:00 PM	14000	7200	21200
11:00 PM - 11:15 PM	14000	7200	21200
11:15 PM - 11:30 PM	14000	7200	21200
11:30 PM - 11:45 PM	14000	7200	21200
11:45 PM - 12:00 AM	14000	7200	21200
12:00 AM - 12:15 AM	14000	7200	21200
12:15 AM - 12:30 AM	14000	7200	21200
12:30 AM - 12:45 AM	14000	7200	21200
12:45 AM - 1:00 AM	14000	7200	21200
1:00 AM - 1:15 AM	14000	7200	21200
1:15 AM - 1:30 AM	14000	7200	21200
1:30 AM - 1:45 AM	14000	7200	21200
1:45 AM - 2:00 AM	14000	7200	21200
2:00 AM - 2:15 AM	14000	7200	21200
2:15 AM - 2:30 AM	14000	7200	21200
2:30 AM - 2:45 AM	14000	7200	21200
2:45 AM - 3:00 AM	14000	7200	21200
3:00 AM - 3:15 AM	14000	7200	21200
3:15 AM - 3:30 AM	14000	7200	21200
3:30 AM - 3:45 AM	14000	7200	21200
3:45 AM - 4:00 AM	14000	7200	21200
4:00 AM - 4:15 AM	14000	7200	21200
4:15 AM - 4:30 AM	14000	7200	21200
4:30 AM - 4:45 AM	14000	7200	21200
4:45 AM - 5:00 AM	14000	7200	21200
5:00 AM - 5:15 AM	14000	7200	21200
5:15 AM - 5:30 AM	14000	7200	21200
5:30 AM - 5:45 AM	14000	7200	21200
5:45 AM - 6:00 AM	14000	7200	21200
6:00 AM - 6:15 AM	14000	7200	21200
6:15 AM - 6:30 AM	14000	7200	21200
6:30 AM - 6:45 AM	14000	7200	21200
6:45 AM - 7:00 AM	14000	7200	21200
7:00 AM - 7:15 AM	14000	7200	21200
7:15 AM - 7:30 AM	14000	7200	21200
7:30 AM - 7:45 AM	14000	7200	21200
7:45 AM - 8:00 AM	14000	7200	21200
8:00 AM - 8:15 AM	14000	7200	21200
8:15 AM - 8:30 AM	14000	7200	21200
8:30 AM - 8:45 AM	14000	7200	21200
8:45 AM - 9:00 AM	14000	7200	21200
9:00 AM - 9:15 AM	14000	7200	21200
9:15 AM - 9:30 AM	14000	7200	21200
9:30 AM - 9:45 AM	14000	7200	21200
9:45 AM - 10:00 AM	14000	7200	21200
10:00 AM - 10:15 AM	14000	7200	21200
10:15 AM - 10:30 AM	14000	7200	21200
10:30 AM - 10:45 AM	14000	7200	21200
10:45 AM - 11:00 AM	14000	7200	21200
11:00 AM - 11:15 AM	14000	7200	21200
11:15 AM - 11:30 AM	14000	7200	21200
11:30 AM - 11:45 AM	14000	7200	21200
11:45 AM - 12:00 PM	14000	7200	21200
12:00 PM - 12:15 PM	14000	7200	21200
12:15 PM - 12:30 PM	14000	7200	21200
12:30 PM - 12:45 PM	14000	7200	21200
12:45 PM - 1:00 PM	14000	7200	21200
1:00 PM - 1:15 PM	14000	7200	21200
1:15 PM - 1:30 PM	14000	7200	21200
1:30 PM - 1:45 PM	14000	7200	21200
1:45 PM - 2:00 PM	14000	7200	21200
2:00 PM - 2:15 PM	14000	7200	21200
2:15 PM - 2:30 PM	14000	7200	21200
2:30 PM - 2:45 PM	14000	7200	21200
2:45 PM - 3:00 PM	14000	7200	21200
3:00 PM - 3:15 PM	14000	7200	21200
3:15 PM - 3:30 PM	14000	7200	21200
3:30 PM - 3:45 PM	14000	7200	21200
3:45 PM - 4:00 PM	14000	7200	21200
4:00 PM - 4:15 PM	14000	7200	21200
4:15 PM - 4:30 PM	14000	7200	21200
4:30 PM - 4:45 PM	14000	7200	21200
4:45 PM - 5:00 PM	14000	7200	21200
5:00 PM - 5:15 PM	14000	7200	21200
5:15 PM - 5:30 PM	14000	7200	21200
5:30 PM - 5:45 PM	14000	7200	21200
5:45 PM - 6:00 PM	14000	7200	21200
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6:15 PM - 6:30 PM	14000	7200	21200
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8:15 PM - 8:30 PM	14000	7200	21200
8:30 PM - 8:45 PM	14000	7200	21200
8:45 PM - 9:00 PM	14000	7200	21200
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7:30 AM - 7:45 AM	14000	7200	21200
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9:30 AM - 9:45 AM	14000	7200	21200
9:45 AM - 10:00 AM	14000	7200	21200
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10:15 AM - 10:30 AM	14000	7200	21200
10:30 AM - 10:45 AM	14000	7200	21200
10:45 AM - 11:00 AM	14000	7200	21200
11:00 AM - 11:15 AM	14000	7200	21200
11:15 AM - 11:30 AM	14000	7200	21200
11:30 AM - 11:45 AM	14000	7200	21200
11:45 AM - 12:00 PM	14000	7200	21200
12:00 PM - 12:15 PM	14000	7200	21200
12:15 PM - 12:30 PM	14000	7200	21200
12:30 PM - 12:45 PM	14000	7200	21200
12:45 PM - 1:00 PM	14000	7200	21200
1:00 PM - 1:15 PM	14000	7200	21200
1:15 PM - 1:30 PM	14000	7200	21200
1:30 PM - 1:45 PM	14000	7200	21200
1:45 PM - 2:00 PM	14000	7200	21200
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2:15 PM - 2:30 PM	14000	7200	21200
2:30 PM - 2:45 PM	14000	7200	21200
2:45 PM - 3:00 PM	14000	7200	21200
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3:15 PM - 3:30 PM	14000	7200	21200
3:30 PM - 3:45 PM	14000	7200	21200
3:45 PM - 4:00 PM	14000	7200	21200
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4:15 PM - 4:30 PM	14000	7200	21200
4:30 PM - 4:45 PM	14000	7200	21200
4:45 PM - 5:00 PM	14000	7200	21200
5:00 PM - 5:15 PM	14000	7200	21200
5:15 PM - 5:30 PM	14000	7200	21200
5:30 PM - 5:45 PM	14000	7200	21200
5:45 PM - 6:00 PM	14000	7200	21200
6:00 PM - 6:15 PM	14000	7200	21200
6:15 PM - 6:30 PM	14000	7200	21200
6:30 PM - 6:45 PM	14000	7200	21200
6:45 PM - 7:00 PM	14000	7200	21200
7:00 PM - 7:15 PM	14000	7200	21200
7:15 PM - 7:30 PM	14000	7200	21200
7:30 PM - 7:45 PM	14000	7200	21200
7:45			

NEW Golf Club

Time Period	Northbound	Southbound	Combine
6:00 AM - 6:59 AM	114	82	141
7:00 AM - 7:59 AM	90	60	119
8:00 AM - 8:59 AM	64	54	113
9:00 AM - 9:59 AM	74	106	179
10:00 AM - 10:59 AM	96	145	241
11:00 AM - 11:59 AM	114	191	375
12:00 PM - 12:59 PM	132	201	461
1:00 PM - 1:59 PM	175	201	375
2:00 PM - 2:59 PM	180	214	388
3:00 PM - 3:59 PM	180	214	388
4:00 PM - 4:59 PM	147	153	281
5:00 PM - 5:59 PM	144	113	264
6:00 PM - 6:59 PM	84	60	177
7:00 PM - 7:59 PM	77	82	159
8:00 PM - 8:59 PM	66	86	175
9:00 PM - 9:59 PM	96	90	194
10:00 PM - 10:59 PM	61	64	105
11:00 PM - 11:59 PM	21	29	50
Peak Period - AM	134	229	279
Peak Period - PM	180	203	378

Manash Country Club

[illegible]

Murrumbidgee Golf Club

Time Period	End	Leads to	Weakness	Combined
6:00 AM - 7:00 AM	83	22	81	
7:00 AM - 8:00 AM	81	98	129	
8:00 AM - 9:00 AM	218	169	607	
9:00 AM - 10:00 AM	115	97	188	
10:00 AM - 11:00 AM	78	76	154	
11:00 AM - 12:00 PM	75	66	141	
12:00 PM - 1:00 PM	90	83	173	
1:00 PM - 2:00 PM	88	81	169	
2:00 PM - 3:00 PM	72	59	131	
3:00 PM - 4:00 PM	175	143	318	
4:00 PM - 5:00 PM	95	124	219	
5:00 PM - 6:00 PM	76	143	219	
6:00 PM - 7:00 PM	60	81	121	
7:00 PM - 8:00 PM	21	43	108	
8:00 PM - 9:00 PM	14	17	31	
9:00 PM - 10:00 PM	45	20	65	
10:00 PM - 11:00 PM	6	12	18	
11:00 PM - 12:00 AM	1	9	10	
Per Period - AM	218	169	487	
Per Period - PM	175	143	322	
TOTAL				

Twent and Coolangubra Golf Club

Time	Time Period	NorthEast	NorthWest	SouthEast
0:00 AM	0:00 AM	48	48	48
0:00 AM	0:00 AM	381	381	381
0:00 AM	0:00 AM	694	694	694
0:00 AM	0:00 AM	1202	1112	1214
0:00 AM	0:00 AM	1114	1180	1220
0:00 AM	0:00 AM	3007	318	2951
0:00 AM	0:00 AM	3227	173	2550
0:00 PM	0:00 PM	1126	1260	2386
0:00 PM	0:00 PM	1265	1265	2530
0:00 PM	0:00 PM	1447	1472	2919
0:00 PM	0:00 PM	2601	2601	5202
0:00 PM	0:00 PM	3138	3138	6276
0:00 PM	0:00 PM	8650	3005	10374
0:00 PM	0:00 PM	520	561	1081
0:00 PM	0:00 PM	264	226	612
0:00 PM	0:00 PM	160	260	420
0:00 PM	0:00 PM	160	260	420
0:00 PM	0:00 PM	70	116	186
0:00 PM	0:00 PM	1227	1273	2500
0:00 PM	0:00 PM	1222	2408	2626

Marneater Golf Club

[illegible]

v Park Golf Club				
Time	Event	Easthill	Westhill	Combino
Start	Finish	4th	4th	
6:30 AM	7:00 AM	341	118	2462
7:30 AM	8:00 AM	341	191	2768
8:30 AM	9:00 AM	514	351	2872
9:30 AM	9:00 AM	444	500	2382
9:30 AM	9:00 AM	818	618	2017
9:30 AM	9:00 AM	810	500	2020
9:30 AM	1:00 PM	848	647	2033
1:30 PM	2:00 PM	845	648	1936
2:30 PM	3:00 PM	845	727	2048
3:30 PM	8:00 PM	786	727	2048
4:30 PM	5:00 PM	792	693	2048
5:30 PM	6:00 PM	643	727	2048
6:30 PM	7:00 PM	589	699	2048
7:30 PM	8:00 PM	504	261	1017
8:30 PM	9:00 PM	602	358	508
9:30 PM	9:00 PM	299	344	520
9:30 PM	9:00 PM	323	321	500
9:30 PM	9:00 PM	150	177	122
Peak Period	PM	1158	1554	2042
Peak Period	PM	1056	1207	2048

Keweenaw Golf Course				
Time	Weather	Latitude	Westwind	Combined
7:00 AM	7:30 AM	18:03	17:17	2805
7:00 AM	7:30 AM	18:03	17:48	3131
8:00 AM	1:30 PM	18:00	14:66	3125
8:00 AM	1:30 PM	18:00	16:75	3485
8:00 AM	1:30 PM	18:00	16:34	3179
8:00 AM	1:30 PM	18:00	17:25	3072
8:00 AM	1:30 PM	18:00	16:08	3066
8:00 PM	2:30 PM	18:06	15:75	3181
8:00 PM	2:30 PM	18:06	16:16	3241
8:00 PM	2:30 PM	18:00	18:16	2768
8:00 PM	2:30 PM	18:06	19:62	2728
8:00 PM	2:30 PM	18:04	16:54	3170
8:00 PM	2:30 PM	18:04	16:34	3062
7:00 PM	8:00 PM	17:10	15:54	2724
8:00 PM	2:30 PM	19:03	16:24	2818
8:00 PM	2:30 PM	18:01	14:75	2656
8:00 PM	2:30 PM	18:00	15:62	2822
8:00 PM	2:30 PM	18:00	17:25	3125
Peak Period - PM	18:02	17:25	22:25	
Peak Period - PM	18:14	16:34	22:25	

Lake Care Golf Club				
Time Interval	Eastwood	Westwood	Combined	
	6th Ave	6th Ave	11th Ave	20th Ave
6:00 AM - 7:00 AM	187	223	410	265
7:00 AM - 8:00 AM	187	223	410	264
8:00 AM - 9:00 AM	208	316	477	624
9:00 AM - 10:00 AM	208	316	477	624
10:00 AM - 11:00 AM	548	563	1,020	1,210
11:00 AM - 12:00 PM	652	715	1,367	1,366
12:00 PM - 1:00 PM	670	676	1,346	1,346
1:00 PM - 2:00 PM	623	620	1,240	1,240
2:00 PM - 3:00 PM	643	643	1,286	1,286
3:00 PM - 4:00 PM	573	609	1,182	1,182
4:00 PM - 5:00 PM	533	578	1,111	1,111
5:00 PM - 6:00 PM	528	528	1,056	1,056
6:00 PM - 7:00 PM	248	229	476	469
7:00 PM - 8:00 PM	248	229	476	470
8:00 PM - 9:00 PM	51	240	291	291
9:00 PM - 10:00 PM	56	156	212	212
10:00 PM - 11:00 PM	62	74	136	136
11:00 PM - 12:00 AM	62	75	137	136
Peak Period - AM	652	715	1,366	1,366
Peak Period - PM	623	620	1,241	1,241

Time	Return	Northwest	Southwest	Combiner
6:00 AM	7:00 AM	121	123	117
7:00 AM	8:00 AM	122	168	200
8:00 AM	9:00 AM	111	230	321
9:00 AM	10:00 AM	166	227	393
10:00 AM	11:00 AM	171	268	439
11:00 AM	12:00 PM	220	406	626
12:00 PM	1:00 PM	254	482	736
1:00 PM	2:00 PM	411	538	949
2:00 PM	3:00 PM	421	568	989
3:00 PM	4:00 PM	427	672	900
4:00 PM	5:00 PM	471	677	968
5:00 PM	6:00 PM	438	762	1200
6:00 PM	7:00 PM	321	718	971
7:00 PM	8:00 PM	126	113	269
8:00 PM	9:00 PM	157	157	314
9:00 PM	10:00 PM	98	268	364
10:00 PM	11:00 PM	65	301	366
11:00 PM	12:00 AM	22	36	58
Peak Period - AM		220	606	826
Peak Period - PM		471	570	908

Time (minutes)	Eastham	Weston	Combined
5:00 AM	0.0	0.0	0.0
6:00 AM	7.00	0.0	7.00
7:00 AM	9.00	0.0	9.00
8:00 AM	9.00	0.0	9.00
9:00 AM	8.25	7.75	12.00
10:00 AM	8.25	7.75	12.00
11:00 AM	8.25	7.75	12.00
12:00 PM	11.00	12.00	11.00
1:00 PM	11.00	12.00	11.00
2:00 PM	11.00	12.00	11.00
3:00 PM	11.00	12.00	11.00
4:00 PM	11.00	12.00	11.00
5:00 PM	11.00	12.00	11.00
6:00 PM	11.00	12.00	11.00
7:00 PM	11.00	12.00	11.00
8:00 PM	11.00	12.00	11.00
9:00 PM	11.00	12.00	11.00
10:00 PM	11.00	12.00	11.00
11:00 PM	11.00	12.00	11.00
12:00 AM	11.00	12.00	11.00
1:00 AM	11.00	12.00	11.00
2:00 AM	11.00	12.00	11.00
3:00 AM	11.00	12.00	11.00
4:00 AM	11.00	12.00	11.00
5:00 AM	11.00	12.00	11.00
6:00 AM	11.00	12.00	11.00
7:00 AM	11.00	12.00	11.00
8:00 AM	11.00	12.00	11.00
9:00 AM	11.00	12.00	11.00
10:00 AM	11.00	12.00	11.00
11:00 AM	11.00	12.00	11.00
12:00 PM	11.00	12.00	11.00
1:00 PM	11.00	12.00	11.00
2:00 PM	11.00	12.00	11.00
3:00 PM	11.00	12.00	11.00
4:00 PM	11.00	12.00	11.00
5:00 PM	11.00	12.00	11.00
6:00 PM	11.00	12.00	11.00
7:00 PM	11.00	12.00	11.00
8:00 PM	11.00	12.00	11.00
9:00 PM	11.00	12.00	11.00
10:00 PM	11.00	12.00	11.00
11:00 PM	11.00	12.00	11.00
12:00 AM	11.00	12.00	11.00
1:00 AM	11.00	12.00	11.00
2:00 AM	11.00	12.00	11.00
3:00 AM	11.00	12.00	11.00
4:00 AM	11.00	12.00	11.00
5:00 AM	11.00	12.00	11.00
6:00 AM	11.00	12.00	11.00
7:00 AM	11.00	12.00	11.00
8:00 AM	11.00	12.00	11.00
9:00 AM	11.00	12.00	11.00
10:00 AM	11.00	12.00	11.00
11:00 AM	11.00	12.00	11.00
12:00 PM	11.00	12.00	11.00
1:00 PM	11.00	12.00	11.00
2:00 PM	11.00	12.00	11.00
3:00 PM	11.00	12.00	11.00
4:00 PM	11.00	12.00	11.00
5:00 PM	11.00	12.00	11.00
6:00 PM	11.00	12.00	11.00
7:00 PM	11.00	12.00	11.00
8:00 PM	11.00	12.00	11.00
9:00 PM	11.00	12.00	11.00
10:00 PM	11.00	12.00	11.00
11:00 PM	11.00	12.00	11.00
12:00 AM	11.00	12.00	11.00
1:00 AM	11.00	12.00	11.00
2:00 AM	11.00	12.00	11.00
3:00 PM	11.00	12.00	11.00
4:00 PM	11.00	12.00	11.00
5:00 PM	11.00	12.00	11.00
6:00 PM	11.00	12.00	11.00
7:00 PM	11.00	12.00	11.00
8:00 PM	11.00	12.00	11.00
9:00 PM	11.00	12.00	11.00
10:00 PM	11.00	12.00	11.00
11:00 PM	11.00	12.00	11.00
12:00 AM			

Time Round	Eastward in AM	Westward in AM	Combined
6:00 AM - 7:00 AM	33	22	55
7:00 AM - 8:00 AM	33	22	55
8:00 AM - 9:00 AM	77	11	128
9:00 AM - 9:59 AM	77	99	176
10:00 AM - 10:59 AM	100	81	181
11:00 AM - 11:59 AM	80	80	160
12:00 PM - 1:00 PM	108	78	186
1:00 PM - 2:00 PM	55	97	152
2:00 PM - 3:00 PM	100	63	163
3:00 PM - 4:00 PM	53	88	141
4:00 PM - 5:00 PM	76	90	166
5:00 PM - 6:00 PM	62	88	150
6:00 PM - 7:00 PM	29	63	92
7:00 PM - 8:00 PM	21	24	45
8:00 PM - 9:00 PM	6	16	22
9:00 PM - 10:00 PM	3	6	9
10:00 PM - 11:00 PM	1	2	3
Peak Period - AM	108	99	207
Peak Period - PM	76	97	174

Time	Time	Northbay	Southbay	Camden
6:00 AM	7:00 AM	205	245	309
7:00 AM	8:00 AM	277	248	326
8:00 AM	9:00 AM	482	501	584
9:00 AM	10:00 AM	627	742	1069
10:00 AM	11:00 AM	627	742	1069
11:00 AM	12:00 PM	955	1077	1342
12:00 PM	1:00 PM	937	1060	1207
1:00 PM	2:00 PM	813	1013	1046
2:00 PM	3:00 PM	328	414	519
3:00 PM	4:00 PM	683	780	1072
4:00 PM	5:00 PM	554	595	1149
5:00 PM	6:00 PM	435	526	701
6:00 PM	7:00 PM	277	405	682
7:00 PM	8:00 PM	368	248	416
8:00 PM	9:00 PM	180	208	348
9:00 PM	10:00 PM	56	145	225
10:00 PM	11:00 PM	62	56	82
11:00 PM	12:00 AM	22	41	63
Peak Period - AM		900	1072	1293
Peak Period - PM		813	1013	1046

[illegible]

Site	Site Name	Frontage Road	Location	Two-way AADT	Traffic Data Collection Year
1	Cammeray Golf Club	Ernest Street	Between Chn1206 and Park Avenue	27461	2017
2	Moore Park Golf Club	Cleveland Street		13688	2019
3	Kogarah Golf Course	Marsh Street		25471	2018
4	Lane Cove Golf Course	River Road		11130	2018
5	NSW Golf Club	Anzac Avenue	Near Elaroo Avenue	2277	2017
6	Riverside Oaks Golf Resort				
7	Monash Country Club			35488	2019
8	Concord Golf Club				
9	Scone Golf Club				
10	Gosford Golf Club				
11	Murwillumbah Golf Club	North Arm Road	Between Golden Links Drive and Old I	1338	2016
12	Coolangatta & Tweed Heads Golf Club				
13	Grafton Golf Club			5128	
14	Merewether Golf Club				
15	Charlestown Golf Club				