



ROADS AND MARITIME SERVICES

TRIP GENERATION SURVEYS

MEDICAL CENTRES

DATA REPORT



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1 INTRODUCTION

1.1 Study purpose

The former Roads and Traffic Authority (RTA) published its Guide to Traffic Generating Developments (“Guide”) in the mid-1990s. This document drew on the results of a number of trip generation and parking demand surveys covering a wide range of business and land uses. These surveys had been progressively conducted since 1978. The trip generation and parking requirement data in the Guide is becoming increasingly out-of-date. Several new business types are not adequately represented and there is evidence of ongoing industry rationalisation (e.g. larger medical centres, evolving medical practices, etc.). There is an increasing awareness that public transport has not been adequately accounted for in previous trip and parking generation surveys.

TEF Consulting was appointed to undertake a detailed trip generation analysis of medical centres. The study includes surveys of traffic characteristics relating to vehicle and person trips at 14 medical centres in the Greater Metropolitan Sydney area, and 6 medical centres in the Regional N.S.W areas.

1.2 Data collection

The present report provides the base data collected in the course of the study. It includes detailed information about each survey site and the results of the trip generation, traffic counts, travel methods and parking demand surveys. The specific survey site information and associated survey data can be used by practitioners who wish to make direct comparisons with similar sites.

Trip generation for the survey sites was collected using manual classification counts. There are variations in survey count times due to the nature of individual business trading hours. Likewise, Saturday and Sunday counts experienced modified survey count times. Observers were located on the survey sites (refer to the maps of the survey sites).

2 SURVEY SITE DETAILS

The selection of appropriate survey sites was the key process in the project.

The following attributes were used for selection of the survey sites:

- each centre should have been operating for at least 5 years;
- a reasonable geographic spread across Sydney plus some regional sites;
- a range of sizes (floor area);
- some with an attached chemist;
- accessibility to a range of public transport and travelling means (e.g. cycling, walking);
- ease of isolating the site from other developments for survey purposes and the collection of required information;
- availability of relevant information on the development (site plan, GFA, location, number of consulting rooms, number of practitioners, number of employees, range of services offered, vehicle entrances & exits, number and type of parking spaces on site, nearby off site short-term parking, local street parking availability and restrictions, etc.).

Table 2.1 Survey sites.

Site ID	Name
S1	The Mosman Practice
S2	Crows Nest Medical Practice
S3	Five Dock Medical Centre
S4	Riverstone Family Medical Practice
S5	Dural Medical Centre
S6	Hunters Hill Medical Practice
S7	Broadway General Practice
S8	Sans Souci Medical Practice
S9	Balmoral Street Medical Centre
S10	Barwell Medical Centre
S11	Complete Medical Centre
S12	Dee Why Family Medical Centre
S13	Medclinic Medical Centre Bankstown
S14	Kable Street General Practice
R1	Umina Family Practice
R2	Broadmeadow Medical Centre
R3	Cardiff Medical Centre & Skin Cancer Clinic
R4	Worrigee Medical Centre
R5	Kelso Medical IPN
R6	Wyong Family Practice

2.1 Survey site locations

Locations of the survey sites are shown in **Figure 2.1** and **Figure 2.2**.



Figure 2.1 Greater Sydney survey site locations.

Trip Generation Surveys – Medical Centres

TEF Consulting

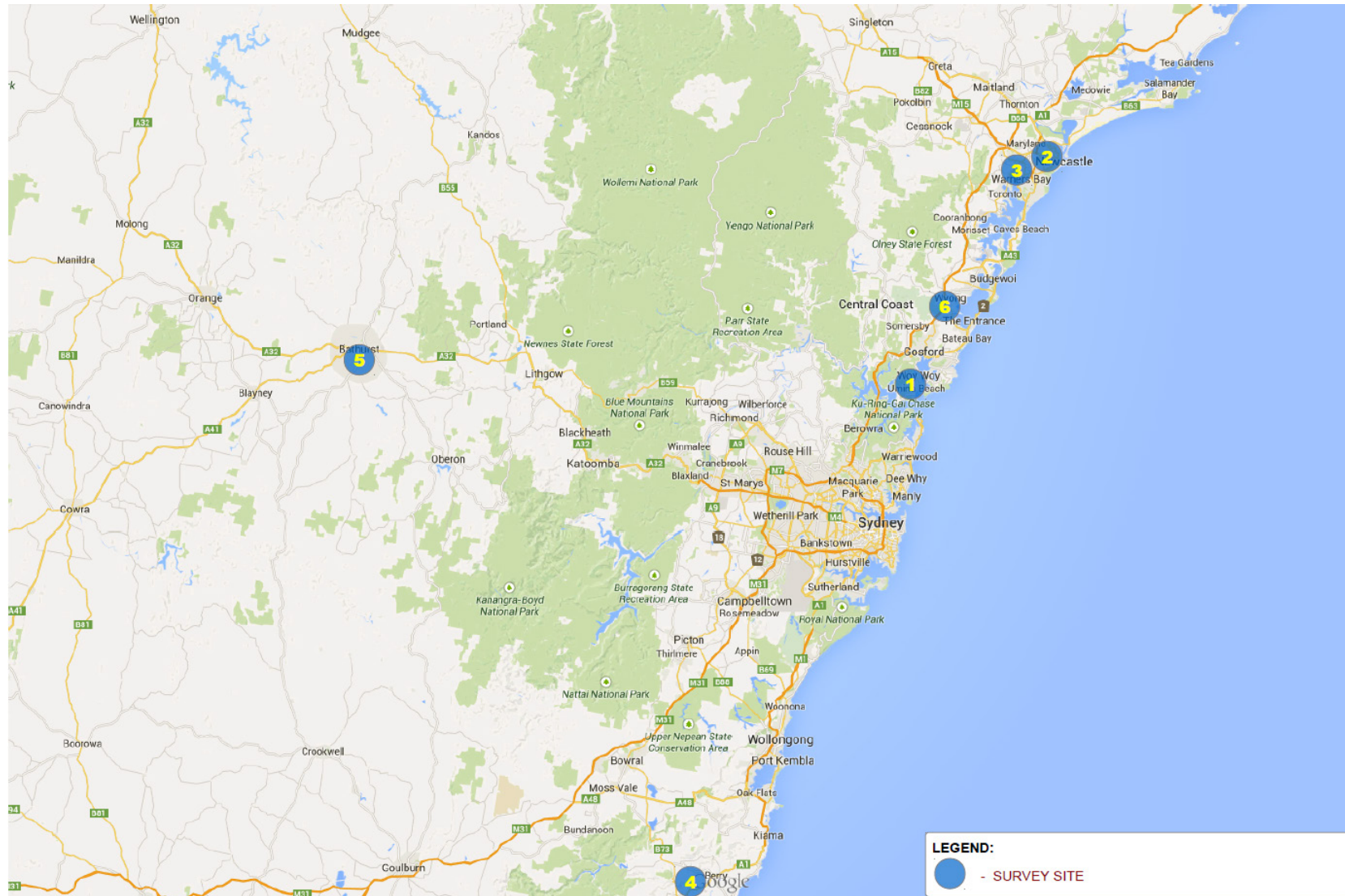


Figure 2.2 Regional N.S.W Survey site locations.

Trip Generation Surveys – Medical Centres

TEF Consulting

2.2 Details of the selected survey sites

2.2.1 Site S1 The Mosman Practice

Table 2.2 Survey site details – Site S1.

Name of the development	The Mosman Practice				
Address	393 Military Rd, Mosman NSW 2088				
Date(s) of survey	01.06.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	7:30am - 8:00pm				23
Tuesday	7:30am - 8:00pm	15	14	15	
Wednesday	7:30am - 8:00pm				
Thursday	7:30am - 8:00pm				
Friday	7:00am - 6:00pm				
Saturday	8:00am - 1:00pm				
Sunday	9:00am - 1:00pm				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	1194	3	398	27	
Total site area, m ²	876				
Services provided					
General Practice	Family Medicine	Pharmacy			
Dentistry	Women's Health				
Sexual Health	Men's Health				
Vaccination/Immunisation	Mental Health				
Occupational Medicine	Travel Medicine				
Chronic Health Management	Sports Medicine				
Elderly Health Assessments	Children's Health Checks				
Surrounding land uses	Low-medium density residential developments. Scattered commercial developments. A few churches and schools.				
On street parking regime	T3 Transit lane (6:00am-10:00am) on Military Rd outside the medical facility, other hours parking permitted. 2P parking on Melrose St (westbound) and Snell St (both directions).				
Frontage road characteristics	Military Rd is a state road with 3 travel lanes in each direction. T3 Transit lane (6:00am-10:00am) in the west/south-bound direction, parking permitted otherwise. Separated by a median strip.				
Accessibility score ¹	227	Accessibility discount factor			0.75

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.



Figure 2.3 Site S1 – Survey site location, layout and details.

2.2.2 Site S2 Crows Nest Medical Practice

Table 2.3 Survey site details – Site S2.

Name of the development	Crows Nest Medical Practice				
Address	Suite 1a/375 Pacific Highway, Crows Nest NSW 2065				
Date(s) of survey	09.03.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	8:00am - 6:00pm	6	4	6	9
Tuesday	8:00am - 6:00pm				
Wednesday	8:00am - 6:00pm				
Thursday	8:00am - 6:00pm				
Friday	8:00am - 6:00pm				
Saturday	8:30am - 12:30pm				
Sunday	Closed				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	300	1	300	Dedicated on site parking not provided	
Total site area, m ²	1726				
Services provided					
General Practice	Men’s Health				
Musculoskeletal Medicine	Women’s Health				
Pre employment Medicals	Asthma/Diabetic Care				
Health Risk Assessment	Skin Care				
Vaccination/Immunisation	Mental Health Care				
Elderly Health Assessments					
Recreational Diving Medicals					
Surrounding land uses	Low-medium density residential developments. North Sydney Girls High School to the south.				
On street parking regime	No parking opportunity along Pacific Highway. 2P free parking on Hayberry St and metered parking on David St.				
Frontage road characteristics	Pacific Highway is a state road, with two travel lanes in each direction separated by a median strip. Approaching the site from the north is three lanes including a bus lane.				
Accessibility score ¹	167	Accessibility discount factor			0.4

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.



Figure 2.4 Site S2 – Survey site location, layout and details.

2.2.3 Site S3 Five Dock Medical Centre

Table 2.4 Survey site details – Site S3.

Name of the development	Five Dock Medical Centre				
Address	150 Great North Rd, Five Dock NSW 2046				
Date(s) of survey	19.03.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	7:00am - 7:00pm				12
Tuesday	7:00am - 7:00pm				
Wednesday	7:00am - 7:00pm				
Thursday	7:00am - 7:00pm	6	7	8	
Friday	7:00am - 6:00pm				
Saturday	8:00am - 1:00pm				
Sunday	8:00am - 1:00pm				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	848	2	424	Dedicated on site parking not provided	
Total site area, m ²	424				
Services provided					
General Practice	Travel Health				
Healthcare Assessment	Mental Health				
Family Health	Skin Checks				
Women's Health	Tetanus				
Men's Health	Pathology				
Vaccination/Immunisation					
Minor Surgical Procedures					
Surrounding land uses	Low density residential developments.				
On street parking regime	Two 1/2P parking spots just outside the site on Great North Rd. 1P parking on Rodd Rd between Great North Rd and Jersey lane, which turns into 2P parking towards the residential areas (eastbound).				
Frontage road characteristics	Great North Road is a regional road, with two travel lanes in each direction. Two 1/2P parking spots just outside the site, with two bus zones on either side of the road just outside the site.				
Accessibility score ¹	75	Accessibility discount factor			0.2

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.



Figure 2.5 Site S3 – Survey site location, layout and details.

2.2.4 Site S4 Riverstone Family Medical Practice

Table 2.5 Survey site details – Site S4.

Name of the development	Riverstone Family Medical Centre				
Address	10 Pitt St, Riverstone 2765				
Date(s) of survey	28.02.2015, 02.03.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	7:00am - 7:00pm	5	6	4	4
Tuesday	9:00am - 6:00pm				
Wednesday	7:00am - 7:00pm				
Thursday	9:00am - 5:30pm				
Friday	9:00am - 5:30pm				
Saturday	8:30am - 12:00pm	3	1	3	
Sunday	Closed				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	210	1	210	5	
Total site area, m ²	720				
Services provided					
General Practice	Spirometry				
Acute Illnesses Management	ECGs				
Chronic Health Management	Implanon Insertions				
Mental Health	Psychology				
Workplace Health	Dietetics				
Vaccination/Immunisation	Physiotherapy				
Preventative Healthcare	Skin Care				
Surrounding land uses	Commercial / retail and low density residential developments.				
On street parking regime	Unrestricted parking on Market St and Pitt St in both directions.				
Frontage road characteristics	Pitt St is a local road with one travel lane and one parking lane in both directions.				
Accessibility score ¹	70	Accessibility discount factor			0.2

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.

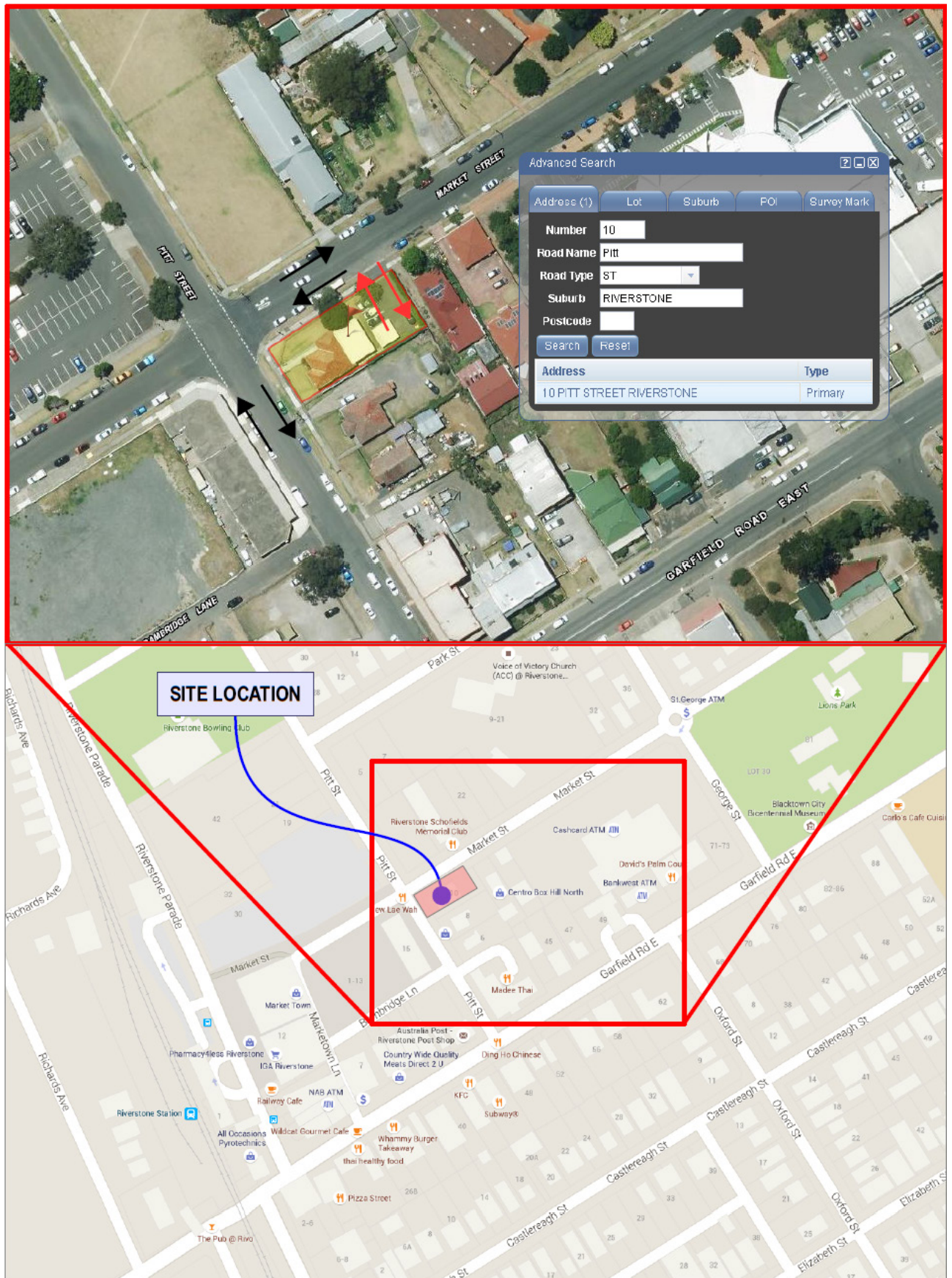


Figure 2.6 Site S4 – Survey site location, layout and details.

2.2.5 Site S5 Dural Medical Centre

Table 2.6 Survey site details – Site S5.

Name of the development	Dural Medical Centre				
Address	535 Galston Road, Dural NSW 2158				
Date(s) of survey	05.03.2015, 07.03.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	7:00am - 7:00pm				5
Tuesday	7:00am - 7:00pm				
Wednesday	7:00am - 7:00pm				
Thursday	7:00am - 7:00pm	5	3	5	
Friday	7:00am - 7:00pm				
Saturday	8:30am - 12:00pm	1	4	1	
Sunday	Closed				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	235	1	235	7	
Total site area, m ²	909				
Services provided					
General Practice	Family Health	Antenatal Care			
Healthcare Assessment	Women's Health				
Chronic Health Management	Men's Health				
Minor Surgical Procedures	Skin Care				
Shared Maternity Care	Pathology				
Vaccination/Immunisation	Mental health				
Tetanus	Travel health				
Surrounding land uses	Commercial / retail and low density residential developments.				
On street parking regime	No parking opportunity on Old Northern Rd and Galston Rd. Public outdoor carpark available just opposite the site.				
Frontage road characteristics	Old Northern Rd is a state road with two travel lanes in each direction, which then becomes one travel lane heading south.				
Accessibility score ¹	31	Accessibility discount factor			0.2

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.

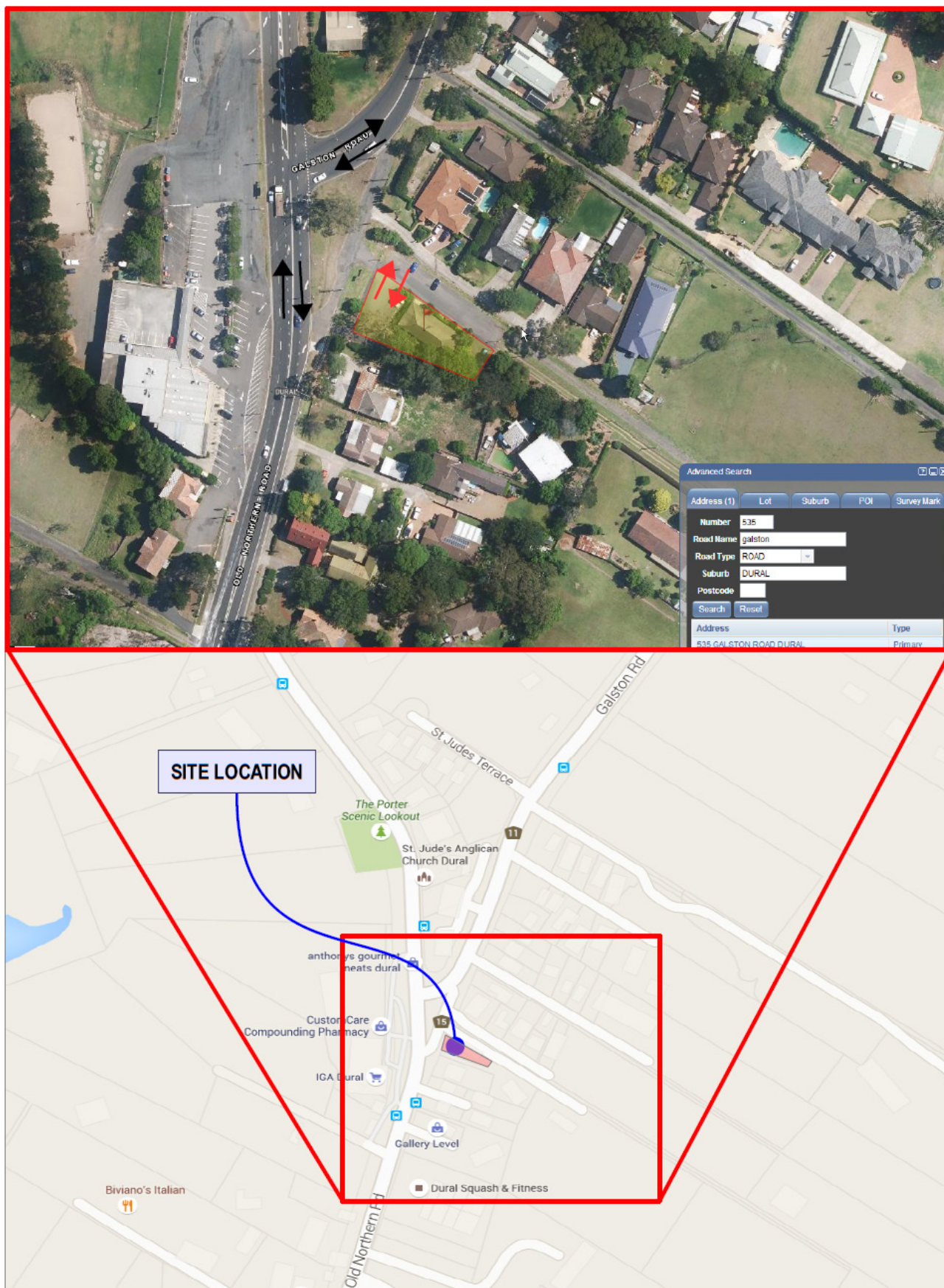


Figure 2.7 Site S5 – Survey site location, layout and details.

2.2.6 Site S6 Hunters Hill Medical Practice

Table 2.7 Survey site details – Site S6.

Name of the development	Hunters Hill Medical Practice				
Address	6 Ryde Road, Hunters Hill NSW 2110				
Date(s) of survey	13.03.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	8:00am - 6:30pm				14
Tuesday	8:00am - 6:30pm				
Wednesday	8:00am - 6:30pm				
Thursday	8:00am - 6:30pm				
Friday	8:00am - 6:00pm	12	4	9	
Saturday	8:00am - 11:30pm				
Sunday	Closed				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	804	2	402	19	
Total site area, m ²	1069				
Services provided					
General Practice					
Physiotherapy					
Psychology					
Dietetics					
Vaccinations					
Pathology					
Surrounding land uses	Low density residential developments and sports/leisure centres to the west.				
On street parking regime	Unrestricted parking Short St (both directions) and Luke St (southbound). Limited parking opportunity on Ryde Rd (northbound) and No Parking 6:30am-9:30am Mon-Fri (southbound).				
Frontage road characteristics	Ryde Rd is a regional road with two travel lanes in each direction. No Parking 6:30am-9:30am Mon-Fri (southbound) Bus stop 50m from site.				
Accessibility score ¹	62	Accessibility discount factor			0.2

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.

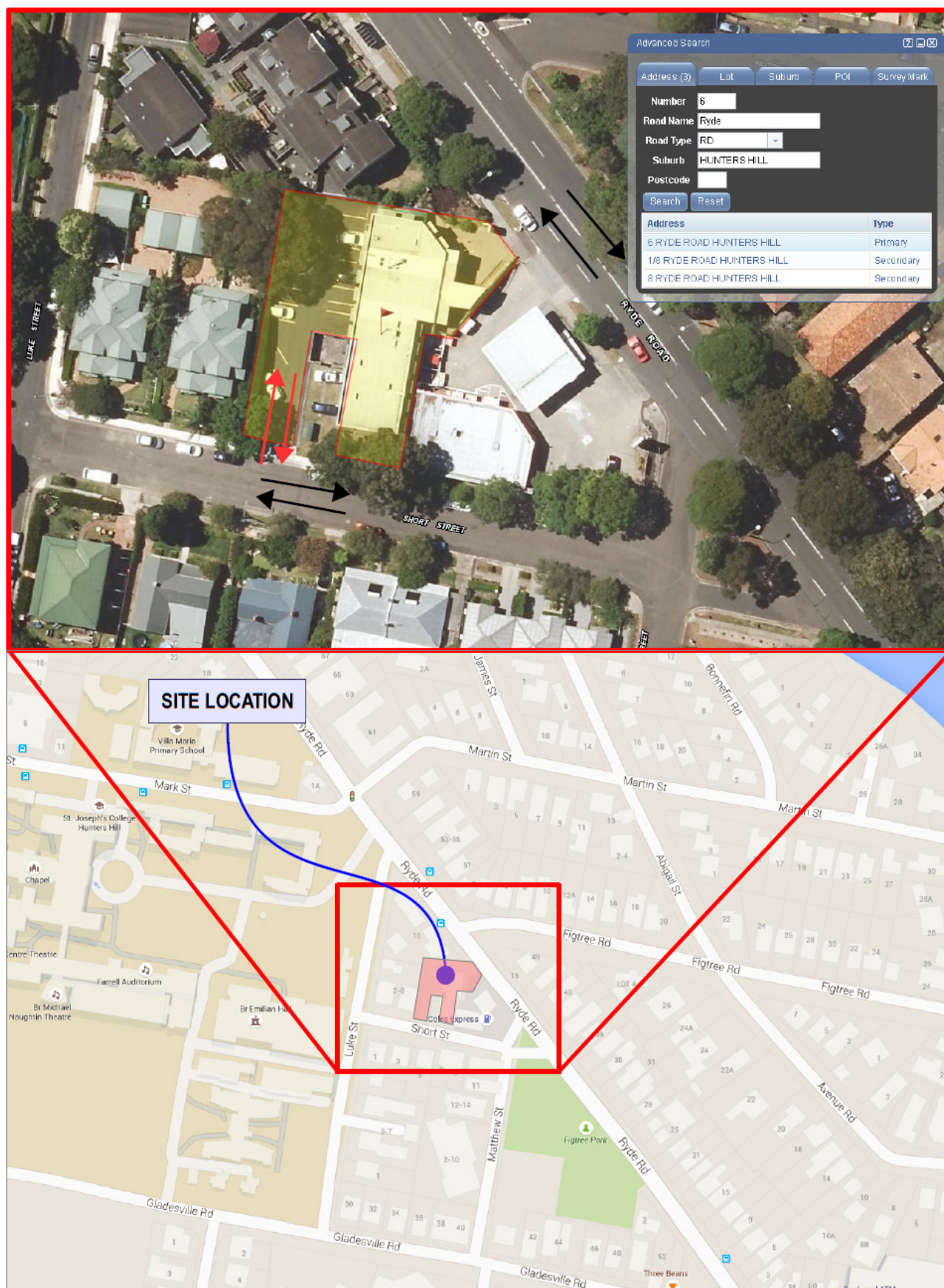


Figure 2.8 Site S6 – Survey site location, layout and details.

2.2.7 Site S7 Broadway General Practice

Table 2.8 Survey site details – Site S7.

Name of the development	Broadway General Practice				
Address	M105 Level 1 Broadway Shopping Centre, 1 Bay St Broadway, Sydney NSW 2007				
Date(s) of survey	04.03.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	8:00am - 7:00pm				14
Tuesday	8:00am - 7:00pm				
Wednesday	8:00am - 7:00pm	12	6	14	
Thursday	8:00am - 9:00pm				
Friday	8:00am - 7:00pm				
Saturday	9:00am - 6:00pm				
Sunday	10:00am - 6:00pm				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	1361	1	1361	Dedicated on site parking not provided	
Total site area, m ²	1361				
Services provided					
General Practice	Counselling	Cryotherapy			
Travel Vaccination Clinic	Pap Smears	Weight Control			
Drivers Licence Medicals	Family Planning	Insurance Medicals			
Vaccination/Immunisation	Blood Collection	Shared Antenatal Care			
Chronic Disease Management	ECGs	Skin Cancer Checks			
Diabetic Health Assessments	Pregnancy Checks				
Elderly Health Assessments	Spirometry				
Surrounding land uses	Commercial / retail. Located within a shopping centre.				
On street parking regime	There are 1P parking spaces on Bay St travelling southbound and unrestricted parking northbound further north on Bay St. The practice is located within a shopping centre.				
Frontage road characteristics	Bay St is a local road with one travel lane in each direction. There are 1P parking spaces travelling southbound. There is unrestricted parking northbound further north on Bay St. Broadway is a state road with three travel lanes eastbound and two travel lanes and a bus lane westbound.				
Accessibility score ¹	337	Accessibility discount factor			0.9

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.

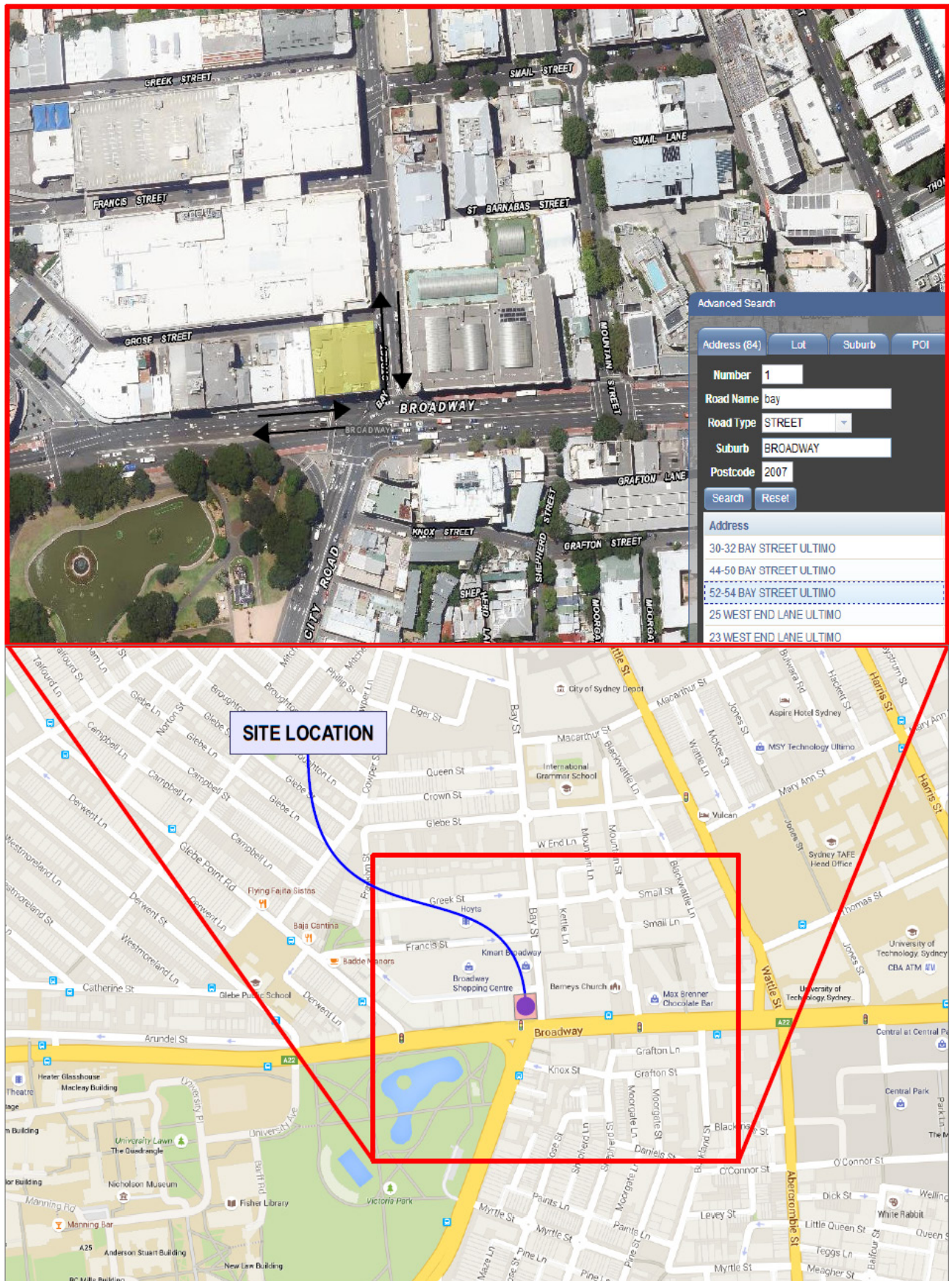


Figure 2.9 Site S7 – Survey site location, layout and details.

2.2.8 Site S8 Sans Souci Medical Practice

Table 2.9 Survey site details – Site S8.

Name of the development	Sans Souci Medical Practice				
Address	420/410-422 Rocky Point Road, Sans Souci NSW 2219				
Date(s) of survey	21.03.2015, 23.03.2015 - 27.03.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	8:00am - 6:00pm	10	5	7	11
Tuesday	8:00am - 6:00pm	11	5	10	
Wednesday	8:00am - 6:00pm	10	4	10	
Thursday	8:00am - 6:00pm	14	4	11	
Friday	8:00am - 6:00pm	6	5	6	
Saturday	8:00am - 13:00pm	5	3	5	
Sunday	Closed				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	475	1	475	Dedicated on site parking not provided	
Total site area, m ²	2215				
Services provided					
General Practice	Family Health	Antenatal Care			
Healthcare Assessment	Women’s Health	Dentistry			
Chronic Health Management	Men’s Health	Aural Care			
Minor Surgical Procedures	Skin Care	Dietetics			
Shared Maternity Care	Pathology	Psychology			
Vaccination/Immunisation	Mental health				
Tetanus	Travel health				
Surrounding land uses	Commercial/ retail and low-medium density residential developments.				
On street parking regime	Clearway 3:00pm-7:00pm (Mon-Fri) on Rocky Point Rd in the southbound direction. Unrestricted parking on Ritchie St both directions and a single 1P parking spot before the intersection at Rocky Point Rd.				
Frontage road characteristics	Rocky Point Rd is a state road with three travel lanes southbound and a Clearway lane from 3:00pm-7:00pm (Mon-Fri) and two travel lanes northbound. Separated by a wide median strip.				
Accessibility score ¹	34	Accessibility discount factor			0.2

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.

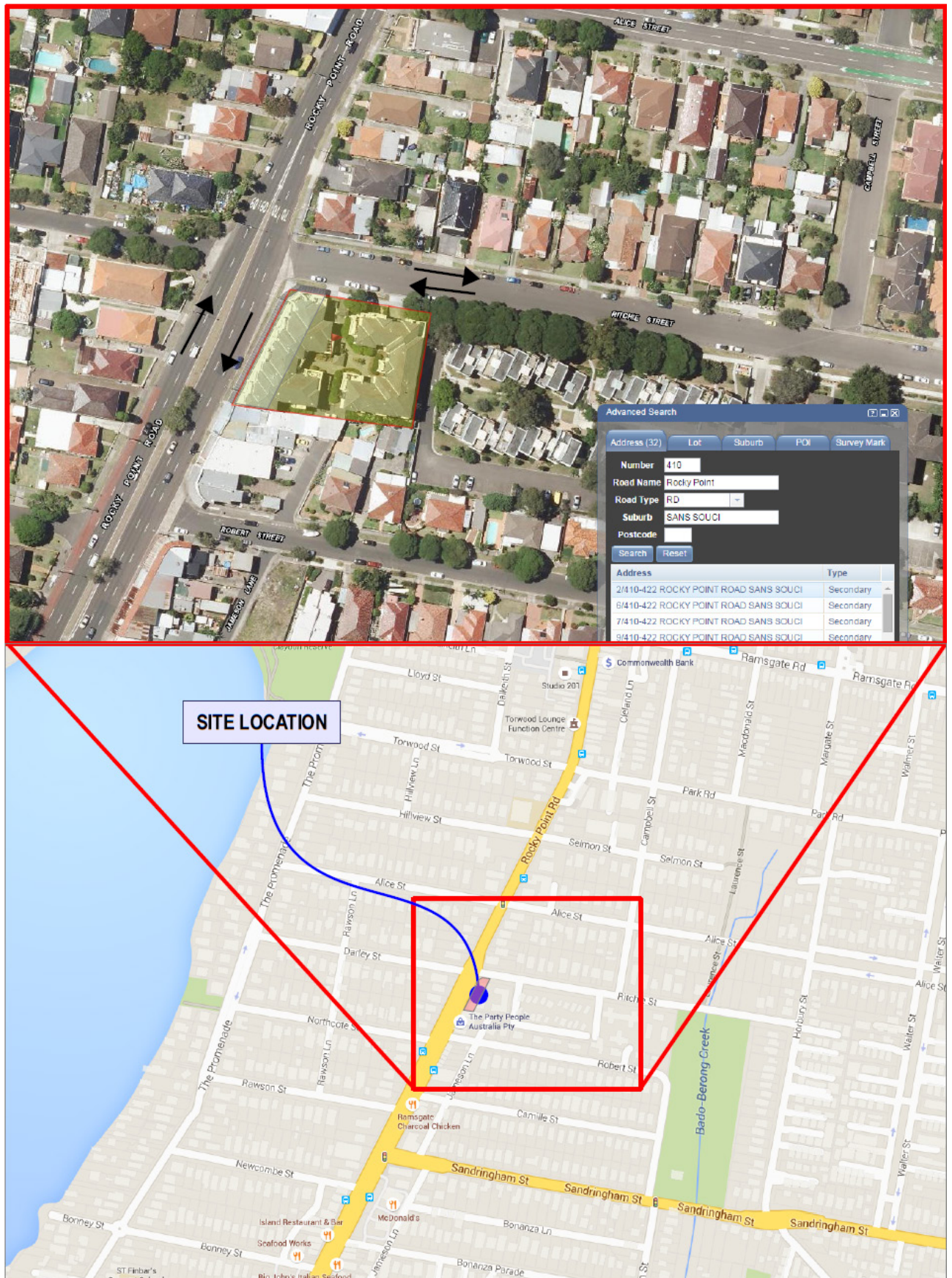


Figure 2.10 Site S8 – Survey site location, layout and details.

2.2.9 Site S9 Balmoral Street Medical Centre

Table 2.10 Survey site details – Site S9.

Name of the development	Balmoral Street Medical Centre				
Address	98 Balmoral Street, Hornsby NSW 2077				
Date(s) of survey	15.03.2015 - 16.03.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	7:00am - 8:00pm	5	1	5	12
Tuesday	7:00am - 8:00pm				
Wednesday	7:00am - 8:00pm				
Thursday	7:00am - 8:00pm				
Friday	7:00am - 8:00pm				
Saturday	8:00am - 8:00pm				
Sunday	8:00am - 8:00pm	2	1	2	
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	800	2	400	14	
Total site area, m ²	400				
Services provided					
General Practice	Pharmacy				
Pathology					
Physiotherapy					
Dentistry					
Psychology					
Podiatry					
Pediatrics					
Surrounding land uses	Low density residential developments. Hospital/Medical complex to the east.				
On street parking regime	Unrestricted parking on both sides of the street.				
Frontage road characteristics	Balmoral St is a local road with one travel lane and one parking lane in both directions.				
Accessibility score ¹	29	Accessibility discount factor			0.2

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.



Figure 2.11 Site S9 – Survey site location, layout and details.

2.2.10 Site S10 Barwell Medical Centre

Table 2.11 Survey site details – Site S10.

Name of the development	Barwell Medical Centre				
Address	Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154				
Date(s) of survey	06.03.2015, 08.03.2015 - 12.03.2015, 14.03.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	8:00am - 6:00pm	9	6	9	12
Tuesday	8:00am - 6:00pm	9	5	9	
Wednesday	8:00am - 6:00pm	7	6	7	
Thursday	8:00am - 10:00pm	9	6	9	
Friday	8:00am - 6:00pm	9	6	9	
Saturday	8:00am - 4:00pm	4	6	4	
Sunday	9:00am - 4:00pm	1	1	1	
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	980	1	980	Dedicated on site parking not provided	
Total site area, m ²	4979				
Services provided					
General Practice	Family Health	Antenatal Care			
Healthcare Assessment	Women's Health	Pharmacy			
Chronic Health Management	Men's Health				
Minor Surgical Procedures	Skin Care				
Shared Maternity Care	Pathology				
Vaccination/Immunisation	Mental health				
Tetanus	Travel health				
Surrounding land uses	Commercial / retail and shopping centre with low-medium density residential developments.				
On street parking regime	No parking opportunity on Cecil Ave and Barwell Ave. Public on site parking is shared with other businesses.				
Frontage road characteristics	Cecil Ave is a local collector road with one travel lane in each direction.				
Accessibility score ¹	176	Accessibility discount factor			0.4

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.

Trip Generation Surveys – Medical Centres
TEF Consulting

2.2.11 Site S11 Complete Medical Centre

Table 2.12 Survey site details – Site S11.

Name of the development	Complete Medical Centre				
Address	251 Queen Street, Campbelltown NSW 2560				
Date(s) of survey	10.06.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	8:00am - 6:30pm				8
Tuesday	8:00am - 6:30pm				
Wednesday	8:00am - 6:30pm	6	4	6	
Thursday	8:00am - 6:30pm				
Friday	8:00am - 6:30pm				
Saturday	8:00am - 1:00pm				
Sunday	8:00am - 1:00pm				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	407	1	407	Dedicated on site parking not provided	
Total site area, m ²	896				
Services provided					
General Practice	Family Medicine	Locum Service			
Nutritional Advice	Travel Medicine	Skin Care			
Pap Smears	Counselling	Sexual Health			
Minor Surgical Procedures	Diabetic Care	Womens Health			
Workplace/Personal Medicals	Pathology				
Vaccination/Immunisation	Diagnostic Service				
Assisted Reproductive Service	Injury Management				
Surrounding land uses	Commercial/ retail and large shopping centre to the west.				
On street parking regime	No on street parking opportunity. Public outdoor car parks located in close proximity.				
Frontage road characteristics	Queen St is a local collector road with one travel lane and one parking lane in each direction.				
Accessibility score ¹	215	Accessibility discount factor			0.6

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.

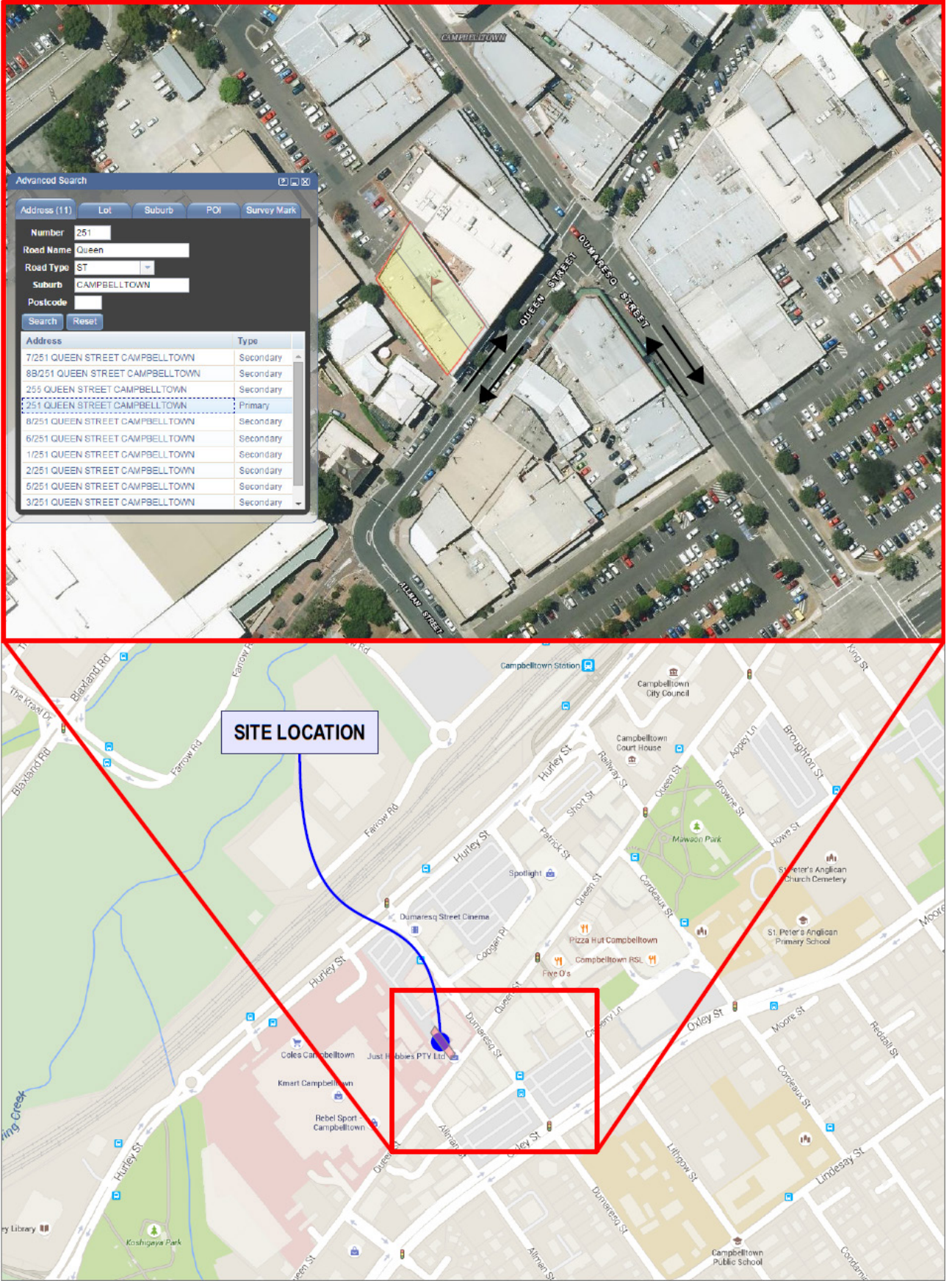


Figure 2.13 Site S11 – Survey site location, layout and details.

2.2.12 Site S12 Dee Why Family Medical Centre

Table 2.13 Survey site details – Site S12.

Name of the development	Dee Why Family Medical Centre				
Address	7/9 Howard Avenue, Dee Why NSW 2099				
Date(s) of survey	19.06.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	7:00am - 7:00pm				15
Tuesday	7:00am - 7:00pm				
Wednesday	7:00am - 7:00pm				
Thursday	7:00am - 7:00pm				
Friday	7:00am - 7:00pm	12	8	11	
Saturday	9:00am - 5:00pm				
Sunday	9:00am - 5:00pm				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	690	1	690	Dedicated on site parking not provided	
Total site area, m ²	780				
Services provided					
General Practice	Travel medicine	Skin Cancer Checks			
Work cover / Pre Employment	Minor procedures	Diabetes Management			
Women’s Health	Asthma Action Plans	Quit Smoking Advice			
Men’s Health	Medications Reviews	Orthodontist			
Children’s Health	Mental Health Care				
Health/Medical assessments	RTA / Insurance Medicals				
Vaccination/Immunisation	Preventative Health				
Surrounding land uses	Commercial / retail and recreational centres. Medium density residential developments to the east.				
On street parking regime	No on street parking opportunity. On site parking is shared with other businesses. Other public outdoor car parks located in close proximity.				
Frontage road characteristics	Howard Ave is a local collector road with two travel lanes in each direction. Pittwater Rd is a state road with a total of three travel lanes in each direction (two normal lanes and a bus lane).				
Accessibility score ¹	187	Accessibility discount factor			0.6

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.

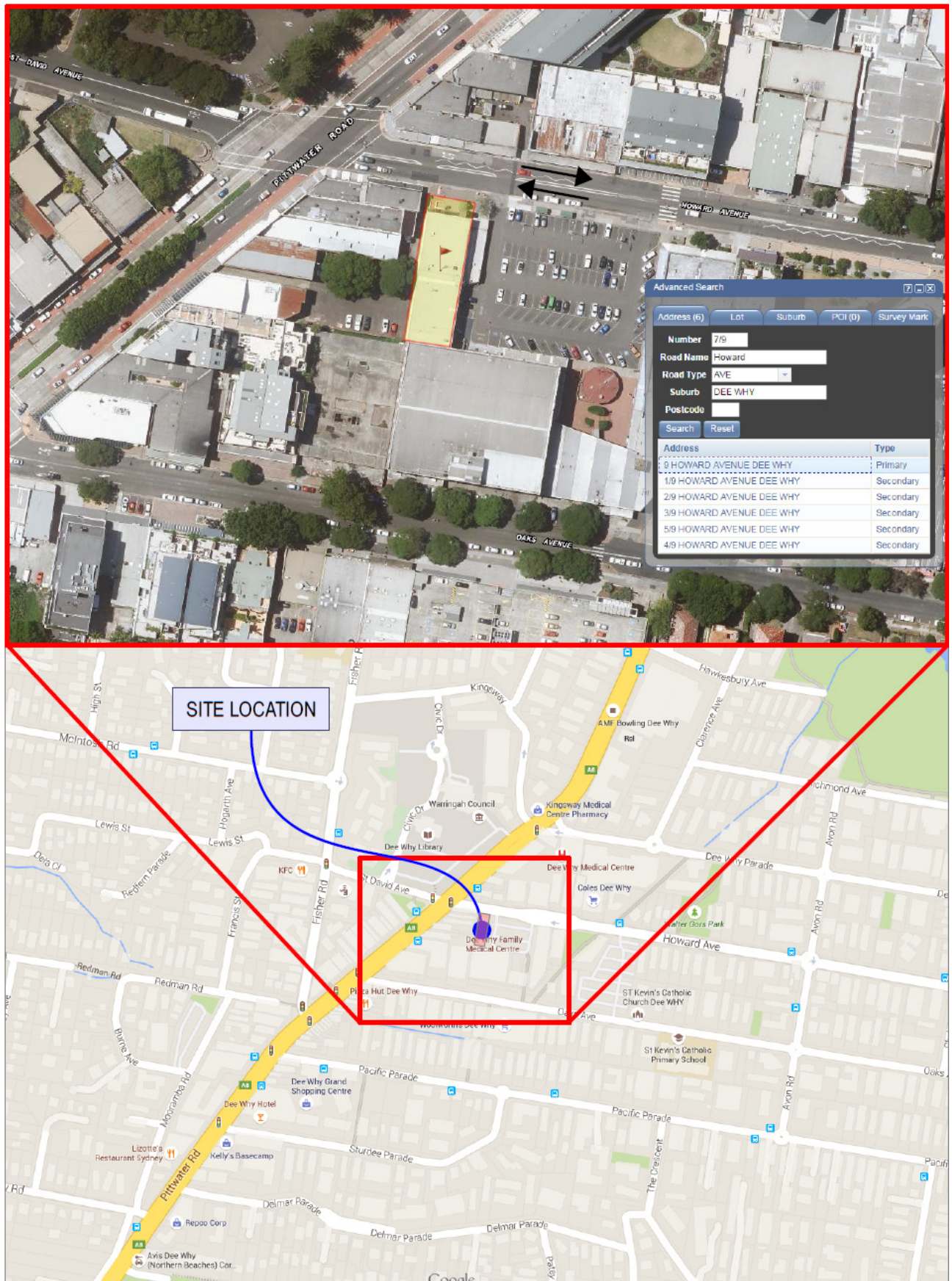


Figure 2.14 Site S12 – Survey site location, layout and details.

2.2.13 Site S13 Medclinic Medical Centre Bankstown

Table 2.14 Survey site details – Site S13.

Name of the development	Medclinic Medical Centre Bankstown				
Address	Shop MM.014, The Appian Way, Bankstown NSW 2200				
Date(s) of survey	25.06.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	8:30am - 5:30pm				9
Tuesday	8:30am - 5:30pm				
Wednesday	8:30am - 5:30pm				
Thursday	8:30am - 5:30pm	6	4	6	
Friday	8:30am - 5:30pm				
Saturday	10:00am - 4:00pm				
Sunday	10:00am - 4:00pm				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	300	1	300	Dedicated on site parking not provided	
Total site area, m ²	300				
Services provided					
General Practice	Travel medicine	Skin Cancer Checks			
Work cover / Pre Employment	Minor procedures	Diabetes Management			
Women’s Health	Asthma Action Plans	Quit Smoking Advice			
Men’s Health	Medications Reviews	Orthodontist			
Children’s Health	Mental Health Care				
Health/Medical assessments	RTA / Insurance Medicals				
Vaccination/Immunisation	Preventative Health				
Surrounding land uses	Commercial / retail and recreational centres. Located within a shopping centre.				
On street parking regime	1P parking opportunity on The Appian Way (western side). No other on street parking opportunity. Multiple car parks within 100 m. The practice is located within a shopping centre.				
Frontage road characteristics	The Appian Way is a local road with two travel lanes and one parking lane southbound. North Terrance is a local collector road with one travel lane in each direction and a parking lane on the southern side.				
Accessibility score ¹	198	Accessibility discount factor			0.6

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.

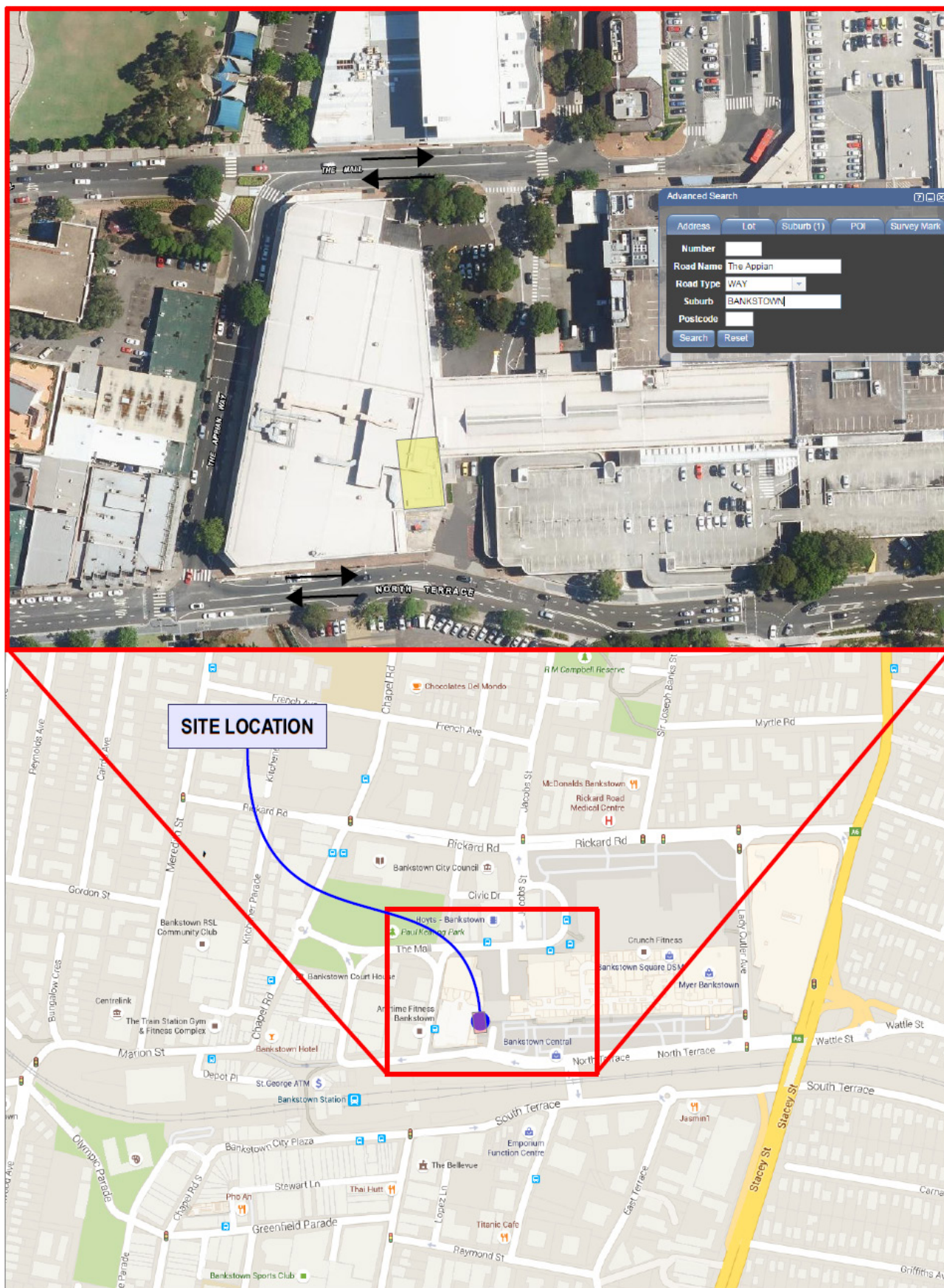


Figure 2.15 Site S13 – Survey site location, layout and details.

2.2.14 Site S14 Kable Street General Practice

Table 2.15 Survey site details – Site S14.

Name of the development	Kable Street General Practice				
Address	2 Kable Street, Windsor NSW 2756				
Date(s) of survey	26.06.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	8:00am - 8:00pm				15
Tuesday	8:00am - 8:00pm				
Wednesday	8:00am - 8:00pm				
Thursday	8:00am - 8:00pm				
Friday	8:00am - 8:00pm	13	11	13	
Saturday	8:00am - 11:30am				
Sunday	Closed				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	1000	2	500	Dedicated on site parking not provided	
Total site area, m ²	615				
Services provided					
General Practice	Acupuncture	Cardiology			
Family Planning	Palliative Care	Podiatrist			
Travel Medicine	Aviation Medicals	Sleep Therapy			
Vaccination/Immunisation	Dive Medicals	Sexual Health			
Minor Surgical Procedures	Sports Medicine	Exercise Physiology			
Pre-employment checks	Pathology	Dietitian			
WorkCover Assessments	Pharmacy				
Surrounding land uses	Commercial / retail and shopping centre to the west. Low density residential developments.				
On street parking regime	1P parking opportunity on Kable street (both directions). Unrestricted parking on The Terrace on both sides. Public outdoor car park opposite the medical practice.				
Frontage road characteristics	Kable Street is a local road with one travel lane and one parking lane in each direction. Maquarie St is a state road with three travel lanes eastbound and two travel lanes westbound.				
Accessibility score ¹	64	Accessibility discount factor			0.2

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.



Figure 2.16 Site S14 – Survey site location, layout and details.

2.2.15 Site R1 Umina Family Practice

Table 2.16 Survey site details – Site R1.

Name of the development	Umina Family Practice				
Address	297 West St, Umina Beach NSW 2257				
Date(s) of survey	13.03.2015 - 14.03.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	8:00am - 6:00pm				12
Tuesday	8:00am - 6:00pm				
Wednesday	8:00am - 6:00pm				
Thursday	8:00am - 6:00pm				
Friday	8:00am - 6:00pm	9	2	8	
Saturday	8:00am - 11:00am	4	1	4	
Sunday	Closed				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	420	1	420	Dedicated on site parking not provided	
Total site area, m ²	420				
Services provided					
General Practice	Family Health	Antenatal Care			
Healthcare Assessment	Women’s Health	Pharmacy			
Chronic Health Management	Men’s Health				
Minor Surgical Procedures	Skin Care				
Shared Maternity Care	Pathology				
Vaccination/Immunisation	Mental health				
Tetanus	Travel health				
Surrounding land uses	Commercial / retail.				
On street parking regime	1P parking on West St and Alfred St both sides. Public outdoor car park behind the medical practice.				
Frontage road characteristics	West St is a regional road with one travel lane and one parking lane in each direction.				
Accessibility score ¹	52	Accessibility discount factor			0.2

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.

Trip Generation Surveys – Medical Centres
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2.2.16 Site R2 Broadmeadow Medical Centre

Table 2.17 Survey site details – Site R2.

Name of the development	Broadmeadow Medical Centre				
Address	154 Lambton Rd, Broadmeadow NSW 2292				
Date(s) of survey	25.03.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	8:30am - 5:30pm				13
Tuesday	8:30am - 5:30pm				
Wednesday	8:30am - 5:30pm	11	7	9	
Thursday	8:30am - 5:30pm				
Friday	8:30am - 5:30pm				
Saturday	8:30am - 12:00pm				
Sunday	Closed				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	966	2	483	Dedicated on site parking not provided	
Total site area, m ²	3183				
Services provided					
General Practice	Clinical Psychology				
Family Health	Skin Care				
Mental Health	Women's Health				
Travel Medicine					
Vaccination/Immunisation					
Insurance Medicals					
Injury Management					
Surrounding land uses	Commercial / retail and low density residential developments to the west.				
On street parking regime	There is 1P parking on both sides of the road east of the site down Lambton Rd. Unrestricted parking on Lang Rd on both sides. On site parking is shared with other businesses.				
Frontage road characteristics	Lambton Rd is a regional road with two travel lanes and a parking lane in each direction.				
Accessibility score ¹	37	Accessibility discount factor			0.3

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.

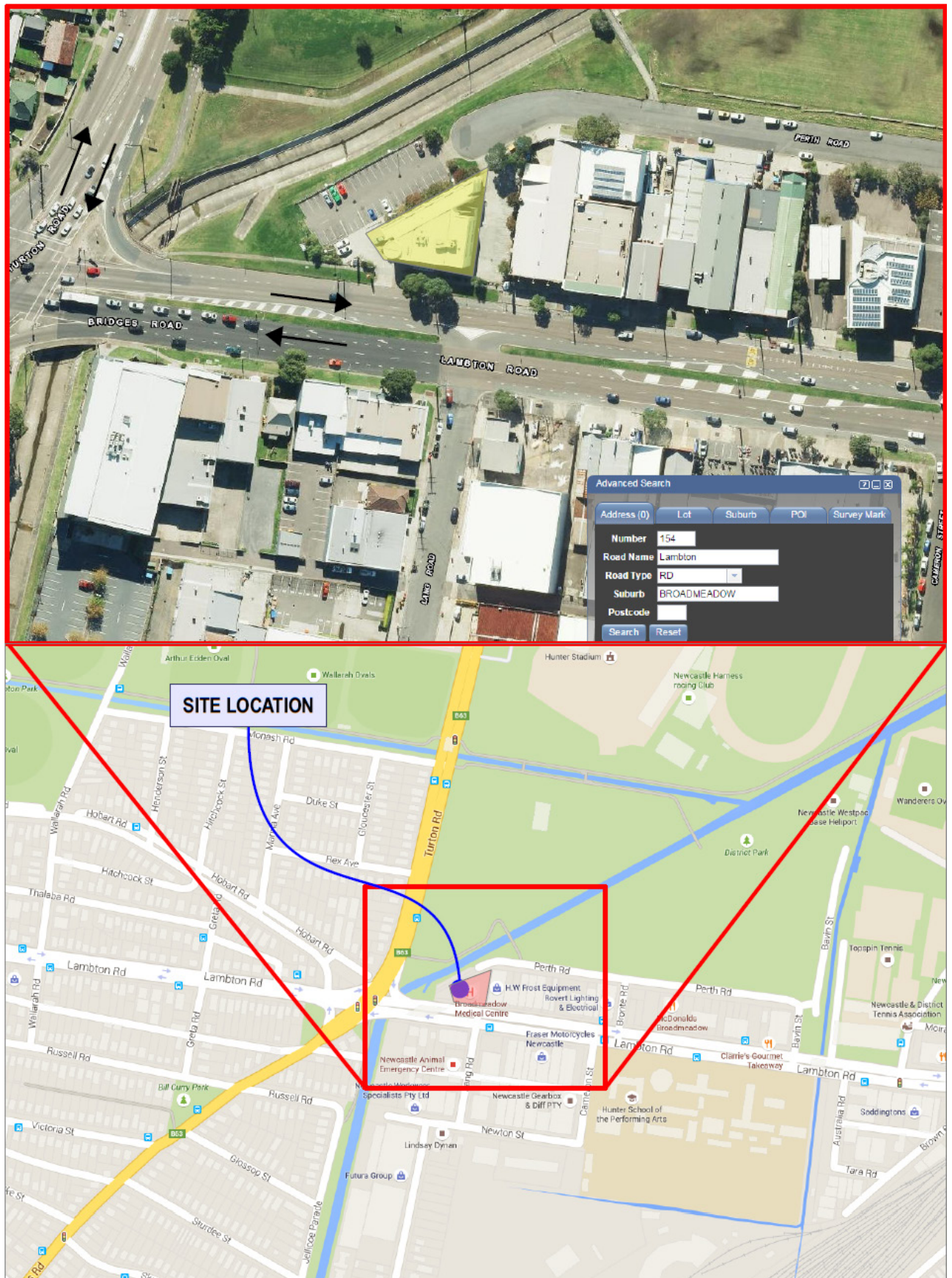


Figure 2.18 Site R2 – Survey site location, layout and details.

2.2.17 Site R3 Cardiff Medical Centre & Skin Cancer Clinic

Table 2.18 Survey site details – Site R3.

Name of the development	Cardiff Medical Centre & Skin Cancer Clinic				
Address	321 Main Road, Cardiff NSW 2285				
Date(s) of survey	20.03.2015 - 21.03.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	7:30am - 5:30pm				5
Tuesday	7:30am - 5:30pm				
Wednesday	7:30am - 5:30pm				
Thursday	7:30am - 5:30pm				
Friday	7:30am - 5:30pm	6	2	5	
Saturday	8:00am - 12:00pm	2	1	2	
Sunday	Closed				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	310	1	310	Dedicated on site parking not provided	
Total site area, m ²	710				
Services provided					
General Practice	Family Health	Antenatal Care			
Healthcare Assessment	Women's Health				
Chronic Health Management	Men's Health				
Minor Surgical Procedures	Skin Care				
Shared Maternity Care	Pathology				
Vaccination/Immunisation	Mental health				
Tetanus	Travel health				
Surrounding land uses	Commercial/ retail and low density residential developments.				
On street parking regime	1P parking on Harrison St and Main Rd on both sides.				
Frontage road characteristics	Main Rd is a regional road with one travel lane in each direction and parking in the commercial district on both sides.				
Accessibility score ¹	76	Accessibility discount factor			0.2

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.



Figure 2.19 Site R3 – Survey site location, layout and details.

2.2.18 Site R4 Worrigee Medical Centre

Table 2.19 Survey site details – Site R4.

Name of the development	Worrigee Medical Centre				
Address	53 Isa Rd, Worrigee NSW 2540				
Date(s) of survey	07.03.2015 - 13.03.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	8:30am - 10:00pm	8	14	8	19
Tuesday	8:30am - 10:00pm	8	7	8	
Wednesday	8:30am - 10:00pm	8	7	8	
Thursday	8:30am - 10:00pm	7	5	7	
Friday	8:30am - 10:00pm	7	8	7	
Saturday	12:00pm - 10:00pm	1	4	1	
Sunday	10:00am - 8:00pm	1	4	1	
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	722	1	722	19	
Total site area, m ²	1760				
Services provided					
General Practice	Pathology	Indigenous Health			
Sexual Health	Referrals				
Minor Surgical Procedures	Mental Health				
Vaccination/Immunisation	Pain Management				
Podiatry Services	Disease Prevention				
Clinical Health Management	Childhood Health				
Chronic Health Management	Maternity Services				
Surrounding land uses	Low density residential developments.				
On street parking regime	Unrestricted parking on both sides of the street.				
Frontage road characteristics	Isa Rd is a local collector one lane in each direction, no median. One parking lane (unmarked) and parking on the other shoulder				
Accessibility score ¹	21	Accessibility discount factor			0.2

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.

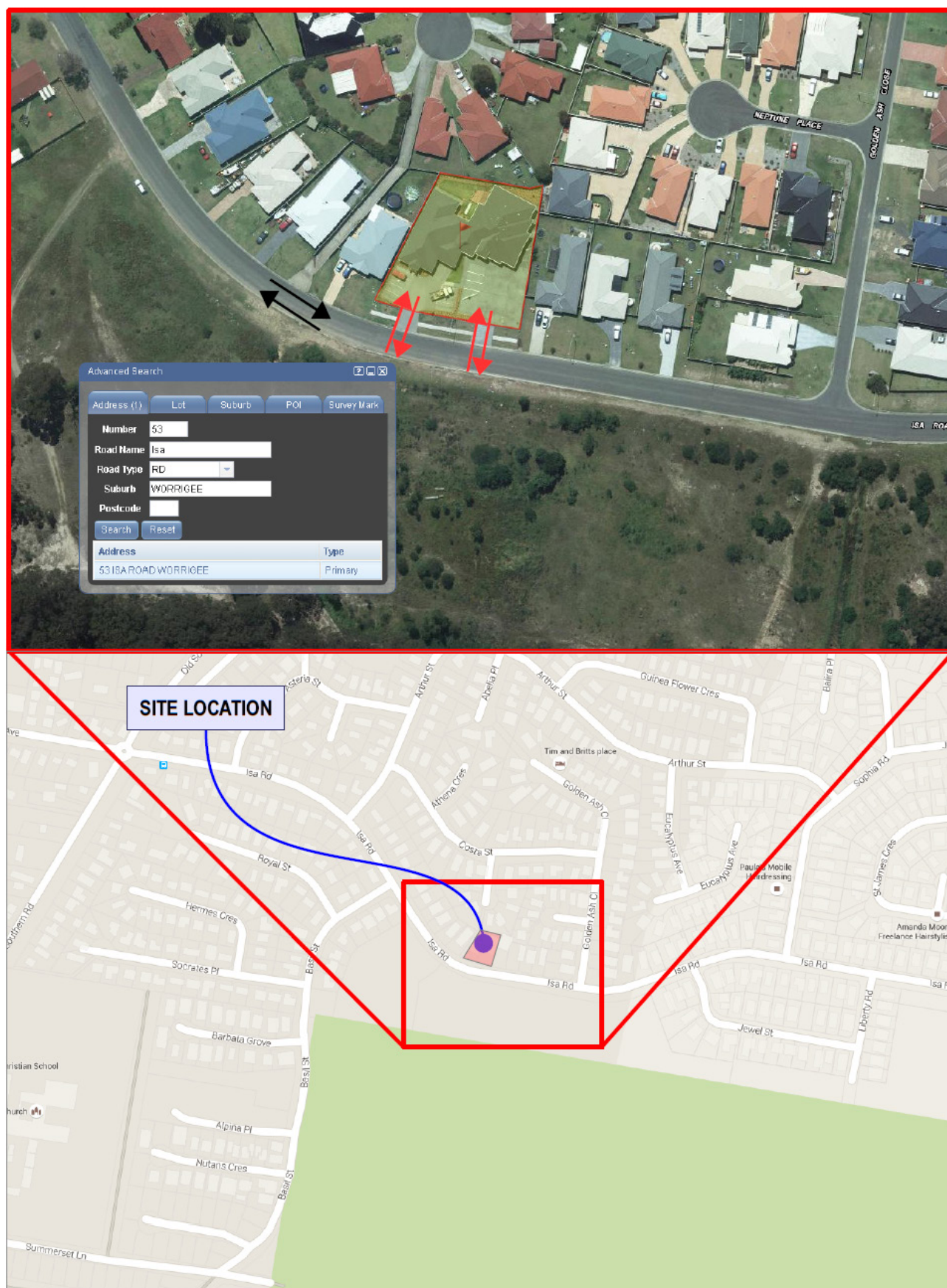


Figure 2.20 Site R4 – Survey site location, layout and details.

2.2.19 Site R5 Kelso Medical IPN

Table 2.20 Survey site details – Site R5.

Name of the development	Kelso Medical IPN				
Address	13 Marsden Lane, Kelso NSW 2795				
Date(s) of survey	12.03.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	8:30am - 7:30pm				Not available ¹
Tuesday	8:30am - 7:30pm				
Wednesday	8:30am - 7:30pm				
Thursday	8:30am - 7:30pm	9	2	8	
Friday	8:30am - 7:30pm				
Saturday	8:30am - 3:30pm				
Sunday	Closed				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	742	1	742	Dedicated on site parking not provided	
Total site area, m ²	7366				
Services provided					
General Practice	Skin care				
Children's Health Checks	Sexual health				
Women's Health	Sports Medicine				
Men's Health	Family Medicine				
Travel Medicine	Occupational Medicine				
Vaccination/Immunisation	Mental Health				
Chronic Health Management					
Surrounding land uses	Commercial / retail and low density residential developments.				
On street parking regime	There are no parking restrictions on either side of Marsden Lane. On site parking is shared with other businesses.				
Frontage road characteristics	Marsden Lane has one unmarked traffic lane and one unmarked parking lanes in each direction.				
Accessibility score ²	4	Accessibility discount factor			0

¹ Permission to enter and count the number of consulting rooms was not approved by the medical centre. The head office likewise refused to provide this information. As such no values have been recorded for total number of consulting rooms.

² A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.

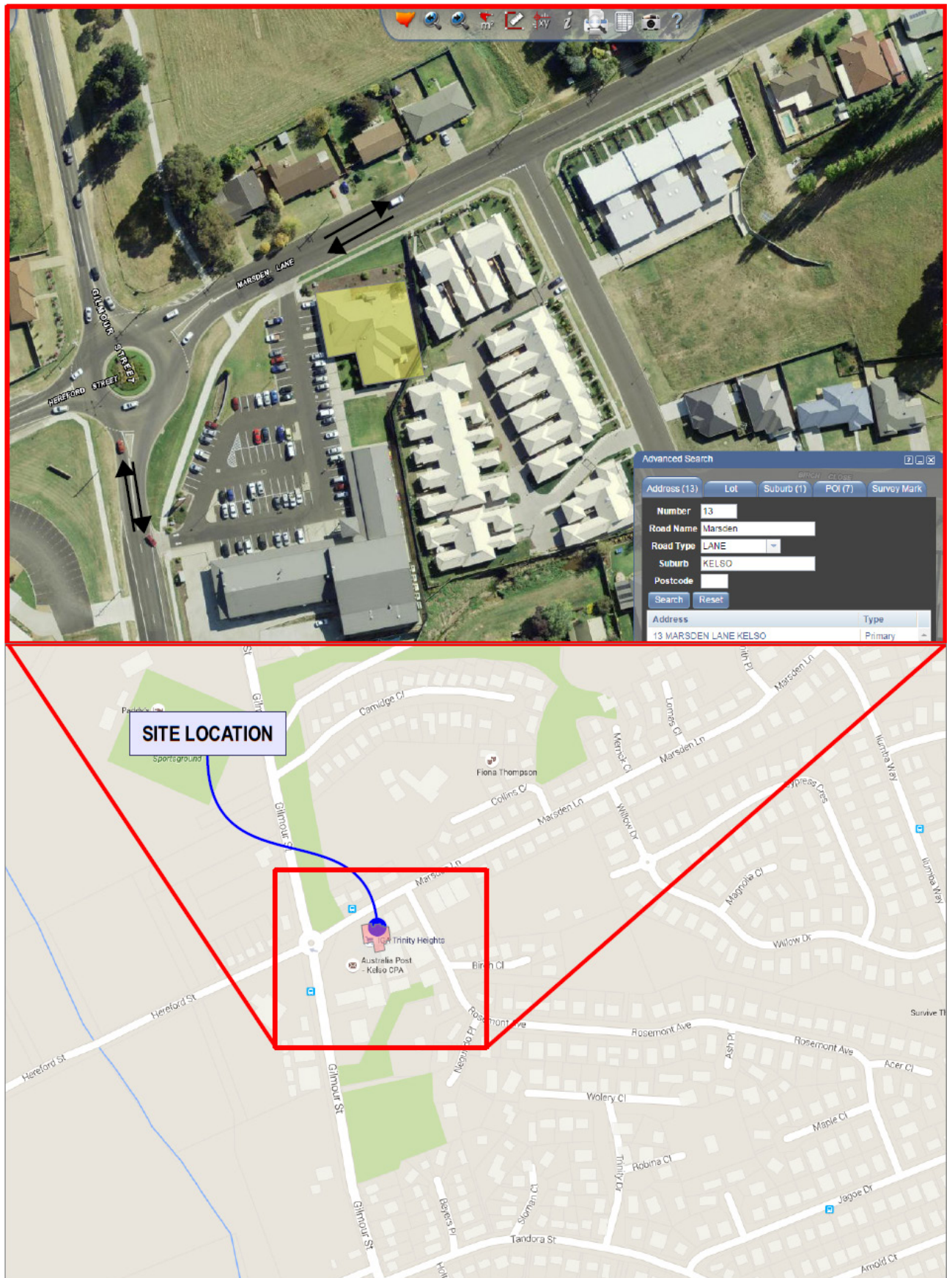


Figure 2.21 Site R5 – Survey site location, layout and details.

2.2.20 Site R6 Wyong Family Practice

Table 2.21 Survey site details – Site R6.

Name of the development	Wyong Family Practice				
Address	152- 156 Pacific Highway, Tuggerah 2259				
Date(s) of survey	24.03.2015				
Day	Opening hours	No. of employees		Rooms	
		Medical practitioner	Other	Used	Total
Monday	7:30am - 6:30pm				11
Tuesday	7:30am - 6:30pm	6	3	5	
Wednesday	7:30am - 6:30pm				
Thursday	7:30am - 6:30pm				
Friday	7:30am - 6:30pm				
Saturday	8:30am - 12:45pm				
Sunday	8:30am - 12:45pm				
Building area	GFA, m ²	Levels	GFA per level, m ²	No. of on site parking spaces	
Total GFA, m ²	300	1	300	Dedicated on site parking not provided	
Total site area, m ²	300				
Services provided					
General Practice	Pathology				
Vaccination/Immunisation	Mental Health				
Shared Maternity Care	Travel Health				
Healthcare Assessment	Skin Care				
Chronic Health Management	Tetanus				
Minor Surgical Procedures	Family Health				
Men's Health	Women's Health				
Surrounding land uses	Commercial / retail.				
On street parking regime	No on street parking opportunity. On site parking is shared with other businesses.				
Frontage road characteristics	Pacific Highway is a State road, with two travel lanes in each direction separated by a wide median strip.				
Accessibility score ¹	70	Accessibility discount factor			0.2

¹ A detailed explanation as to how the accessibility score and the accessibility discount factor are calculated can be found on pp. 45-46.



Figure 2.22 Site R6 – Survey site location, layout and details.

2.2.21 Accessibility Score

Table 2.22 Scoring Methodology.

STEP	SCORING METHODOLOGY
1. Determine walking distance from site to nearest dominant stop/station for each mode corridor or bus route. (Each route is counted once only)	Rail scores: Rail station 0-400m Score = 24 Rail station 400-800m Score = 12 Rail station > 800m Score = 0 Light rail / ferry scores: Light rail or ferry route 0-400m Score = 8 Light rail or ferry route 400-800m Score = 4 Light rail or ferry route > 800m Score = 0 Bus scores: Each bus route 0-400m Score = 4 Each bus route 400-800m Score = 1 Each bus route > 800m Score = 0
2. Determine infrastructure priority treatment. (This is a proxy for public transport reliability, connectivity and speed)	For each mode corridor, multiply the score in Step 1 above with the factor Heavy rail, light rail or ferry route Multiply by 1 Bus Transitway Multiply bus route score by 3 Other Strategic Bus Corridor* Multiply bus route score by 2 Corridor with express services Multiply bus route score by 1.5 Standard bus route Multiply bus route score by 1 *If bus route is on a Strategic Bus Corridor for less than 50% of its length, treat
3. Determine frequency of services for each mode. (NB: only those actually setting down at route stop/station)	For each mode corridor, multiply the score in Step 2 above with the factor > 20 services in the 2hr AM peak both ways Multiply mode score by 3 13-20 services in the 2hr AM peak both ways Multiply mode score by 2 8-12 services in the 2hr AM peak both ways Multiply mode score by 1 ≤ 7 services in the 2hr AM peak both ways Multiply mode score by 0.5
4. Add up all the scores for each mode corridor, to produce a total Public Transport Score.	
5. Determine walking proximity of site to a centre (as defined in the Metropolitan Strategy).	Determine the Centre Score , using the following scores: Within 800m of boundary of existing Global/Regional City Score = 60 Within 800m of boundary of existing/developing Major Centre Score = 40 Within 800m of boundary of existing/developing Smaller Centre and Specialised Centre Score = 20
6. Add the Public Transport Score from Step 4 to Centre Score from Step 5 to produce a total Accessibility	
7. Use Table 2 below to convert the Accessibility Score to the Accessibility Discount factor (AD).	

Table 2.23 Accessibility Score and Accessibility Discount Factor.

Accessibility Score	Accessibility Discount factor (AD)	Indicative examples
250+	0.9	Sydney CBD; North Sydney CBD
220-249	0.75	Sydney CBD fringe; Parramatta CBD
180-219	0.6	Fringes of larger centres; Major centres
140-179	0.4	Fringes of Major centres; medium centres
80-139	0.3	Smaller centres on Strategic Bus Corridors
21-79	0.2	Odd pockets and corridors
0-20	0	"Standard" background public transport levels; remote areas. No parking necessary.

Table 2.24 Accessibility Score/ Accessibility Discount Factor (AD) calculations – Part 1.

Location		Walking distance			PT Multiplier	Priority Treatment			Freq Multiplier		
		Light Rail	Rail	Bus	Bus Only	Light Rail	Rail	Bus	Light Rail	Rail	Bus
Site 1	The Mosman Practice	0	0	96	1	0	0	96	0	0	3
Site 2	Crows Nest Medical Practice	0	0	86	2	0	0	172	0	0	3
Site 3	Five Dock Medical Centre	0	0	28	1	0	0	28	0	0	2
Site 4	Riverstone Family Medical Practice	0	24	24	3	0	24	72	0	1	3
Site 5	Dural Medical Centre	0	0	8	1	0	0	8	0	0	0.5
Site 6	Hunters Hill Medical Practice	0	0	16	1.5	0	0	24	0	0	2
Site 7	Broadway Medical Centre	0	0	114	2	0	0	228	0	0	3
Site 8	Sans Souci Medical Practice	0	0	8	1	0	0	8	0	0	0.5
Site 9	Balmoral Street Medical Centre PTY LTD	0	0	4	1	0	0	4	0	0	0.5
Site 10	Barwell Medical Centre	0	0	74	3	0	0	222	0	0	3
Site 11	Complete Medical Centre	0	12	109	2	0	12	218	0	3	3
Site 12	Dee Why Family Medical Centre	0	0	125	2	0	0	250	0	0	3
Site 13	Medclinic Medical Centre Bankstown	0	24	76	2	0	24	152	0	3	3
Site 14	Kable Street General Practice	0	0	36	2	0	0	72	0	0	2
Site 15	Umina Family Practice	0	0	24	1	0	0	24	0	0	1
Site 16	Broadmeadow Medical Centre	0	0	37	1	0	0	37	0	0	2
Site 17	Cardiff Medical Centre & Skin Cancer Clinic	0	24	32	1	0	24	32	0	2	2
Site 18	Worrigee Medical Centre	0	0	1	1	0	0	1	0	0	0.5
Site 19	Kelso Medical IPN	0	0	8	1	0	0	8	0	0	0.5
Site 20	Wyong Family Practice	0	0	61	1	0	0	61	0	2	2

Table 2.25 Accessibility Score/ Accessibility Discount Factor (AD) calculations – Part 2.

Location		Frequency			Public Transport Score	Walking Proximity	Total Accessibility Score	No of Bus Routes	Accessibility Discount Factor (AD)
		Light Rail	Rail	Bus					
Site 1	The Mosman Practice	0	0	288	288	40	328	24	0.9
Site 2	Crows Nest Medical Practice	0	0	516	516	0	516	32	0.9
Site 3	Five Dock Medical Centre	0	0	56	56	20	76	7	0.2
Site 4	Riverstone Family Medical Practice	0	24	216	240	20	260	6	0.9
Site 5	Dural Medical Centre	0	0	4	4	20	24	2	0.2
Site 6	Hunters Hill Medical Practice	0	0	48	48	40	88	4	0.3
Site 7	Broadway Medical Centre	0	0	684	684	60	744	30	0.9
Site 8	Sans Souci Medical Practice	0	0	4	4	20	24	2	0.2
Site 9	Balmoral Street Medical Centre PTY LTD	0	0	2	2	20	22	1	0.2
Site 10	Barwell Medical Centre	0	0	666	666	20	686	23	0.9
Site 11	Complete Medical Centre	0	36	654	690	60	750	28	0.9
Site 12	Dee Why Family Medical Centre	0	0	750	750	40	790	35	0.9
Site 13	Medclinic Medical Centre Bankstown	0	72	456	528	60	588	22	0.9
Site 14	Kable Street General Practice	0	0	144	144	40	184	9	0.6
Site 15	Umina Family Practice	0	0	24	24	40	64	6	0.2
Site 16	Broadmeadow Medical Centre	0	0	74	74	20	94	10	0.3
Site 17	Cardiff Medical Centre & Skin Cancer Clinic	0	48	64	112	40	152	8	0.4
Site 18	Worrige Medical Centre	0	0	0.5	0.5	20	20.5	1	0.2
Site 19	Kelso Medical IPN	0	0	4	4	0	4	2	0
Site 20	Wyong Family Practice	0	0	122	122	40	162	16	0.4

3 SURVEY RESULTS

Legend for colours used in table cells.

 Site activity peak hours and concurrent traffic generation or parking accumulation values

 Frontage road peak hours and concurrent traffic generation values

3.1 Survey Site Data

3.1.1 Site S1 The Mosman Practice, Mosman NSW 2088 – Monday 01/06/2015

Table 3.1 Site S1 The Mosman Practice, Mosman – Survey Results – 15-minute interval data – Monday 01/06/2015.

DATE	1 June 2015	Mosman Family Practice - 393 Military Road, Mosman NSW 2088													Grand Total		Main Road Data		Grand Total - Main Road		Parking Demand			
15 minute Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data		15 minute Data		
WEATHER Fine		IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	EB	WB	Vehicles		Car Park	On Street	Total ⁴	
TIME																								
AM																								
7:00	to 7:15	2	0	2	1.00	2	1	0	3	1.50	0	0	0	0	2	3	376	476	852	7	0	7		
7:15	to 7:30	1	0	1	1.00	0	0	0	0	0.00	1	0	0	1	1	1	417	485	902	8	0	8		
7:30	to 7:45	3	0	3	1.00	2	1	0	3	1.50	1	0	0	1	3	4	387	469	856	11	0	11		
7:45	to 8:00	3	0	3	1.00	4	2	1	7	1.50	0	0	0	0	4	7	403	503	906	14	0	14		
8:00	to 8:15	5	1	6	1.00	2	1	1	4	1.50	2	0	1	3	4	7	386	433	819	18	0	18		
8:15	to 8:30	0	2	2	0.00	7	3	2	12	1.43	2	0	1	3	9	15	428	438	866	16	8	24		
8:30	to 8:45	11	3	14	1.00	5	2	2	9	1.40	3	1	0	4	8	13	361	429	790	24	6	30		
8:45	to 9:00	4	2	6	1.25	5	2	1	8	1.40	4	1	2	7	9	15	355	436	791	26	8	34		
9:00	to 9:15	2	2	4	1.00	3	2	1	6	1.67	2	1	0	3	5	9	380	429	809	27	10	37		
9:15	to 9:30	1	4	5	1.00	4	2	1	7	1.50	2	1	0	3	6	10	378	403	781	24	11	35		
9:30	to 9:45	8	6	14	1.00	5	3	1	9	1.60	2	1	1	4	7	13	392	390	782	26	6	32		
9:45	to 10:00	4	3	7	1.50	4	2	1	7	1.50	3	1	1	5	7	12	369	422	791	27	6	33		
10:00	to 10:15	3	3	6	1.00	6	3	3	12	1.50	4	2	1	7	11	19	359	416	775	27	7	34		
10:15	to 10:30	2	3	5	1.00	6	3	3	12	1.50	6	3	2	11	13	23	374	300	674	26	8	34		
10:30	to 10:45	2	2	4	1.00	8	4	3	15	1.50	6	3	2	11	14	26	335	400	735	26	6	32		
10:45	to 11:00	4	2	6	1.00	9	5	3	17	1.56	4	2	2	8	13	25	371	362	733	28	8	36		
11:00	to 11:15	7	6	13	1.00	8	4	3	15	1.50	5	3	2	10	15	25	351	375	726	25	16	41		
11:15	to 11:30	1	2	3	1.00	8	4	3	15	1.50	8	5	2	15	17	30	377	334	711	24	14	38		
11:30	to 11:45	0	4	4	0.00	2	1	1	4	1.50	10	6	3	19	13	23	382	393	775	24	12	36		
11:45	to 12:00	6	3	9	1.00	7	4	2	13	1.57	8	5	2	15	16	28	366	362	728	27	6	33		
PM																								
12:00	to 12:15	2	1	3	1.00	11	6	3	20	1.55	10	6	3	19	23	39	365	369	734	26	4	30		
12:15	to 12:30	2	2	4	1.00	4	2	2	8	1.50	9	5	3	17	15	25	375	388	763	26	3	29		
12:30	to 12:45	2	3	5	1.00	5	3	1	9	1.60	4	2	1	7	9	16	414	348	762	25	4	29		
12:45	to 13:00	3	2	5	1.00	5	3	2	10	1.60	3	2	1	6	9	16	357	382	739	26	5	31		
13:00	to 13:15	2	1	3	1.00	6	2	2	10	1.33	7	3	3	13	13	23	396	326	722	27	6	33		
13:15	to 13:30	1	4	5	1.00	2	1	1	4	1.50	3	1	2	6	5	10	382	348	730	24	5	29		
13:30	to 13:45	3	3	6	1.00	5	2	1	8	1.40	4	2	1	7	9	15	383	302	685	24	0	24		
13:45	to 14:00	2	1	3	1.00	5	2	1	8	1.40	1	0	1	2	6	10	386	362	748	25	3	28		
14:00	to 14:15	3	2	5	1.00	6	2	1	9	1.33	7	3	3	13	13	22	317	317	634	26	5	31		
14:15	to 14:30	6	4	10	1.17	9	3	3	15	1.33	5	2	2	9	14	24	412	324	736	27	8	35		
14:30	to 14:45	2	3	5	1.50	5	2	1	8	1.40	2	1	1	4	7	12	418	380	798	26	12	38		
14:45	to 15:00	2	2	4	1.50	6	2	1	9	1.33	6	3	3	12	13	21	435	335	770	26	6	32		
15:00	to 15:15	2	3	5	1.00	3	1	1	5	1.33	4	1	0	5	7	10	435	412	847	25	2	27		
15:15	to 15:30	5	4	9	1.00	5	3	2	10	1.60	4	1	0	5	10	15	512	345	857	26	2	28		
15:30	to 15:45	3	3	6	1.00	7	4	3	14	1.57	4	1	1	6	12	20	529	379	908	26	4	30		
15:45	to 16:00	2	5	7	1.00	7	3	3	13	1.43	11	2	2	15	18	28	523	334	857	23	6	29		
16:00	to 16:15	1	3	4	1.00	7	4	3	14	1.57	8	2	1	11	16	25	584	328	912	21	7	28		
16:15	to 16:30	5	0	5	1.20	6	3	3	12	1.50	4	1	1	6	11	18	528	339	867	26	5	31		
16:30	to 16:45	1	3	4	1.00	6	3	3	12	1.50	5	1	1	7	12	19	547	355	902	24	11	35		
16:45	to 17:00	1	4	5	1.00	4	2	2	8	1.50	10	2	2	14	15	22	528	361	889	21	11	32		
17:00	to 17:15	3	6	9	1.00	4	3	0	7	1.75	8	8	2	18	12	25	579	353	932	17	12	29		
17:15	to 17:30	1	1	2	1.00	4	3	0	7	1.75	3	3	1	7	7	14	540	320	860	17	11	28		
17:30	to 17:45	4	6	10	1.00	3	2	0	5	1.67	5	5	1	11	8	16	529	358	887	15	11	26		
17:45	to 18:00	2	3	5	1.00	4	3	0	7	1.75	6	6	0	12	10	19	508	292	800	14	10	24		
18:00	to 18:15	2	4	6	1.00	3	2	1	6	1.67	1	1	1	3	4	9	526	286	812	13	9	22		
18:15	to 18:30	1	1	2	1.00	1	1	0	2	2.00	1	1	1	3	2	5	516	295	811	13	12	25		
18:30	to 18:45	1	3	4	1.00	1	0	0	1	1.00	3	3	0	6	4	7	512	233	745	11	17	28		
18:45	to 19:00	1	3	4	1.00	1	1	0	2	2.00	2	2	0	4	3	6	407	223	630	9	9	18		
TOTAL		134	128	262	1.05	232	117	72	421	1.52	213	105	60	378	464	799	20490	17649	38139	Total Car Park Spaces - 27				

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.2 Site S1 The Mosman Practice, Mosman – Survey Results – Hourly data – rolling at 15 minute intervals – Monday 01/06/2015.

DATE	1 June 2015	Mosman Family Practice - 393 Military Road, Mosman NSW 2088														Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine		IN	OUT	Total	Occupancy ¹	IN					OUT					Vehicles ³	Persons	EB	WB	Vehicles	
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total							
AM																					
7:00	to 8:00	9	0	9	1.00	8	4	1	13	1.50	2	0	0	2	10	15	1583	1933	3516		
7:15	to 8:15	12	1	13	1.00	8	4	2	14	1.50	4	0	1	5	12	19	1593	1890	3483		
7:30	to 8:30	11	3	14	1.00	15	7	4	26	1.47	5	0	2	7	20	33	1604	1843	3447		
7:45	to 8:45	19	6	25	1.00	18	8	6	32	1.44	7	1	2	10	25	42	1578	1803	3381		
8:00	to 9:00	20	8	28	1.05	19	8	6	33	1.42	11	2	4	17	30	50	1530	1736	3266		
8:15	to 9:15	17	9	26	1.06	20	9	6	35	1.45	11	3	3	17	31	52	1524	1732	3256		
8:30	to 9:30	18	11	29	1.06	17	8	5	30	1.47	11	4	2	17	28	47	1474	1697	3171		
8:45	to 9:45	15	14	29	1.07	17	9	4	30	1.53	10	4	3	17	27	47	1505	1658	3163		
9:00	to 10:00	15	15	30	1.13	16	9	4	29	1.56	9	4	2	15	25	44	1519	1644	3163		
9:15	to 10:15	16	16	32	1.13	19	10	6	35	1.53	11	5	3	19	31	54	1498	1631	3129		
9:30	to 10:30	17	15	32	1.12	21	11	8	40	1.52	15	7	5	27	38	67	1494	1528	3022		
9:45	to 10:45	11	11	22	1.18	24	12	10	46	1.50	19	9	6	34	45	80	1437	1538	2975		
10:00	to 11:00	11	10	21	1.00	29	15	12	56	1.52	20	10	7	37	51	93	1439	1478	2917		
10:15	to 11:15	15	13	28	1.00	31	16	12	59	1.52	21	11	8	40	55	99	1431	1437	2868		
10:30	to 11:30	14	12	26	1.00	33	17	12	62	1.52	23	13	8	44	59	106	1434	1471	2905		
10:45	to 11:45	12	14	26	1.00	27	14	10	51	1.52	27	16	9	52	58	103	1481	1464	2945		
11:00	to 12:00	14	15	29	1.00	25	13	9	47	1.52	31	19	9	59	61	106	1476	1464	2940		
11:15	to 12:15	9	10	19	1.00	28	15	9	52	1.54	36	22	10	68	69	120	1490	1458	2948		
11:30	to 12:30	10	10	20	1.00	24	13	8	45	1.54	37	22	11	70	67	115	1488	1512	3000		
11:45	to 12:45	12	9	21	1.00	27	15	8	50	1.56	31	18	9	58	63	108	1520	1467	2987		
PM																					
12:00	to 13:00	9	8	17	1.00	25	14	8	47	1.56	26	15	8	49	56	96	1511	1487	2998		
12:15	to 13:15	9	8	17	1.00	20	10	7	37	1.50	23	12	8	43	46	80	1542	1444	2986		
12:30	to 13:30	8	10	18	1.00	18	9	6	33	1.50	17	8	7	32	36	65	1549	1404	2953		
12:45	to 13:45	9	10	19	1.00	18	8	6	32	1.44	17	8	7	32	36	64	1518	1358	2876		
13:00	to 14:00	8	9	17	1.00	18	7	5	30	1.39	15	6	7	28	33	58	1547	1338	2885		
13:15	to 14:15	9	10	19	1.00	18	7	4	29	1.39	15	6	7	28	33	57	1468	1329	2797		
13:30	to 14:30	14	10	24	1.07	25	9	6	40	1.36	17	7	7	31	42	71	1498	1305	2803		
13:45	to 14:45	13	10	23	1.15	25	9	6	40	1.36	15	6	7	28	40	68	1533	1383	2916		
14:00	to 15:00	13	11	24	1.23	26	9	6	41	1.35	20	9	9	38	47	79	1582	1356	2938		
14:15	to 15:15	12	12	24	1.25	23	8	6	37	1.35	17	7	6	30	41	67	1700	1451	3151		
14:30	to 15:30	11	12	23	1.18	19	8	5	32	1.42	16	6	4	26	37	58	1800	1472	3272		
14:45	to 15:45	12	12	24	1.08	21	10	7	38	1.48	18	6	4	28	42	66	1911	1471	3382		
15:00	to 16:00	12	15	27	1.00	22	11	9	42	1.50	23	5	3	31	47	73	1999	1470	3469		
15:15	to 16:15	11	15	26	1.00	26	14	11	51	1.54	27	6	4	37	56	88	2148	1386	3534		
15:30	to 16:30	11	11	22	1.09	27	14	12	53	1.52	27	6	5	38	57	91	2164	1380	3544		
15:45	to 16:45	9	11	20	1.11	26	13	12	51	1.50	28	6	5	39	57	90	2182	1356	3538		
16:00	to 17:00	8	10	18	1.13	23	12	11	46	1.52	27	6	5	38	54	84	2187	1383	3570		
16:15	to 17:15	10	13	23	1.10	20	11	8	39	1.55	27	12	6	45	50	84	2182	1408	3590		
16:30	to 17:30	6	14	20	1.00	18	11	5	34	1.61	26	14	6	46	46	80	2194	1389	3583		
16:45	to 17:45	9	17	26	1.00	15	10	2	27	1.67	26	18	6	50	42	77	2176	1392	3568		
17:00	to 18:00	10	16	26	1.00	15	11	0	26	1.73	22	22	4	48	37	74	2156	1323	3479		
17:15	to 18:15	9	14	23	1.00	14	10	1	25	1.71	15	15	3	33	29	58	2103	1256	3359		
17:30	to 18:30	9	14	23	1.00	11	8	1	20	1.73	13	13	3	29	24	49	2079	1231	3310		
17:45	to 18:45	6	11	17	1.00	9	6	1	16	1.67	11	11	2	24	20	40	2062	1106	3168		
18:00	to 19:00	5	11	16	1.00	6	4	1	11	1.67	7	7	2	16	13	27	1961	1037	2998		

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.3 Site S1 The Mosman Practice, Mosman – Hourly data – Consecutive – Monday 01/06/2015.

DATE	1 June 2015	Mosman Family Practice - 393 Military Road, Mosman NSW 2088													Grand Total		Main Road Data ⁵		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data
WEATHER		Fine				IN					OUT									
TIME		IN	OUT	Total	Occupancy ¹	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	EB	WB	Vehicles	
AM																				
7:00	to 8:00	9	0	9	1.00	8	4	1	13	1.50	2	0	0	2			1583	1933	3516	
8:00	to 9:00	20	8	28	1.05	19	8	6	33	1.42	11	2	4	17	30	50	1530	1736	3266	
9:00	to 10:00	15	15	30	1.13	16	9	4	29	1.56	9	4	2	15	25	44	1519	1644	3163	
10:00	to 11:00	11	10	21	1.00	29	15	12	56	1.52	20	10	7	37	51	93	1439	1478	2917	
11:00	to 12:00	14	15	29	1.00	25	13	9	47	1.52	31	19	9	59	61	106	1476	1464	2940	
PM																				
12:00	to 13:00	9	8	17	1.00	25	14	8	47	1.56	26	15	8	49	56	96	1511	1487	2998	
13:00	to 14:00	8	9	17	1.00	18	7	5	30	1.39	15	6	7	28	33	58	1547	1338	2885	
14:00	to 15:00	13	11	24	1.23	26	9	6	41	1.35	20	9	9	38	47	79	1582	1356	2938	
15:00	to 16:00	12	15	27	1.00	22	11	9	42	1.50	23	5	3	31	47	73	1999	1470	3469	
16:00	to 17:00	8	10	18	1.13	23	12	11	46	1.52	27	6	5	38	54	84	2187	1383	3570	
17:00	to 18:00	10	16	26	1.00	15	11	0	26	1.73	22	22	4	48	37	74	2156	1323	3479	
18:00	to 19:00	5	11	16	1.00	6	4	1	11	1.67	7	7	2	16	13	27	1961	1037	2998	
Total		134	128	262	1.04	232	117	72	421	1.50	213	105	60	378	464	799	20490	17649	38139	

Table 3.4 Site S1 The Mosman Practice, Mosman – Travel mode – Monday 01/06/2015.

DATE 1 June 2015		Mosman Family Practice - 393 Military Road, Mosman NSW 2088												
Average group size (people)	Average duration of stay (hrs)			Travel Mode										
				Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.39	0:42	IN	Total	144	64	3	3	14	2	0	0	0	28	2
			%	55.4	24.6	1.2	1.2	5.4	0.8	0.0	0.0	0.0	10.8	0.8
		OUT	Total	144	66	2	2	13	2	0	0	0	28	2
			%	55.6	25.5	0.8	0.8	5.0	0.8	0.0	0.0	0.0	10.8	0.8

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² The number of incoming trips in Figure 3.23 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

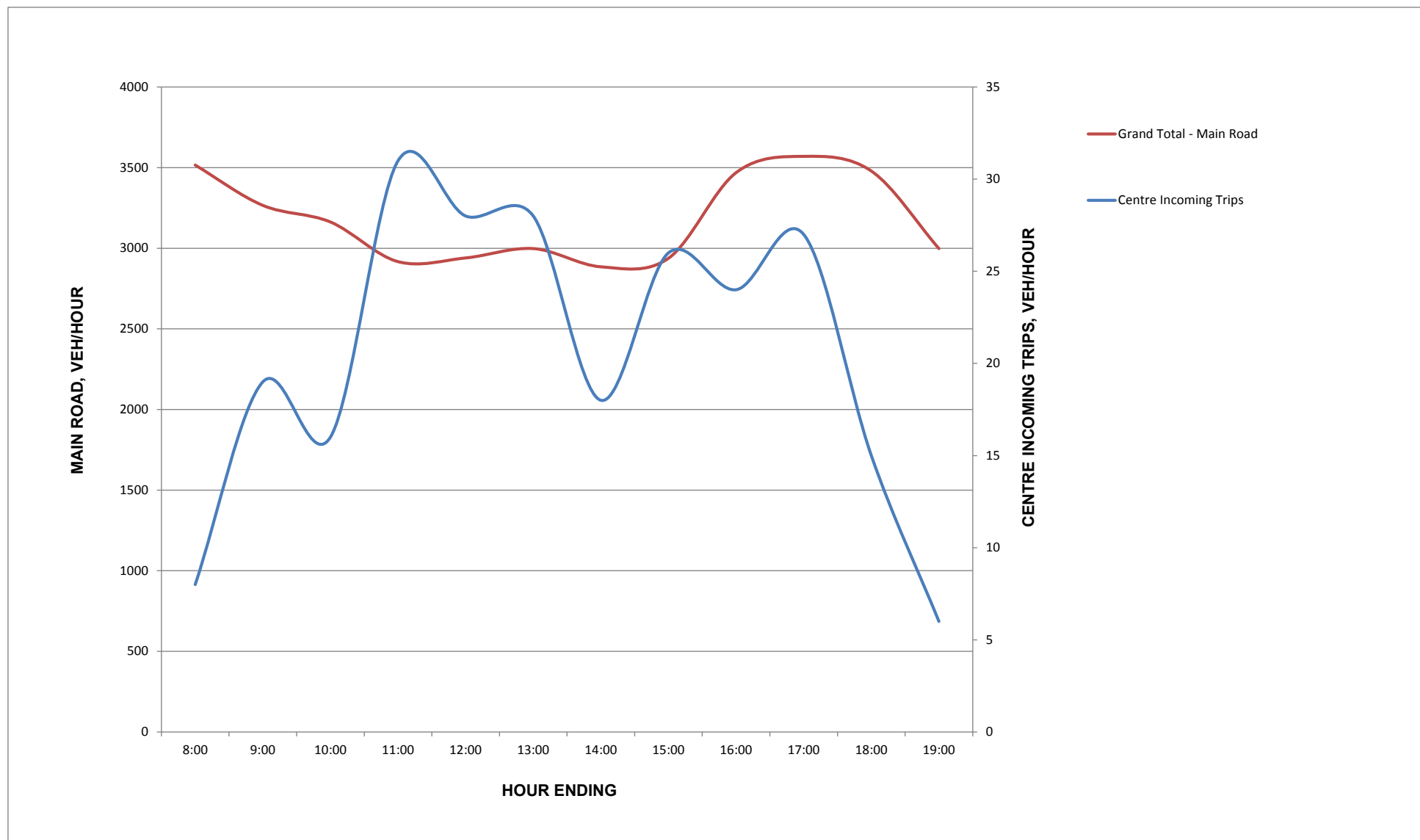


Figure 3.1 Site S1 The Mosman Practice, Mosman – Hourly trip distribution – Vehicles – Monday 01/06/2015. Traffic on the frontage road and centre incoming trips.

3.1.2 Site S2 Crows Nest Medical Practice, Crows Nest NSW 2065 – Monday 09/03/2015

Table 3.5 Site S2 Crows Nest Medical Practice, Crows Nest – Survey Results – 15-minute interval data – Monday 09/03/2015.

DATE	Crows Nest Medical Practice - 1a / 375 Pacific Highway, Crows Nest NSW 2065													Grand Total		Main Road Data		Grand Total - Main Road		Parking Demand ⁴	
15 minute Data	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data		
WEATHER					IN					OUT											
Fine																					
TIME	IN	OUT	Total	Occupancy	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	NB	SB	Vehicles	On street		
AM																					
7:00 to 7:15	n/a	n/a	n/a	n/a	0	0	1	1	0.00	0	0	0	0	0	1	266	0	266	1		
7:15 to 7:30	n/a	n/a	n/a	n/a	0	0	1	1	0.00	0	0	0	0	0	1	279	0	279	1		
7:30 to 7:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	360	0	360	2		
7:45 to 8:00	n/a	n/a	n/a	n/a	1	0	1	2	1.00	0	0	1	1	3	332	0	332	3			
8:00 to 8:15	n/a	n/a	n/a	n/a	2	2	4	8	2.00	0	0	1	1	9	452	0	452	5			
8:15 to 8:30	n/a	n/a	n/a	n/a	1	1	2	4	2.00	1	1	0	2	6	393	0	393	6			
8:30 to 8:45	n/a	n/a	n/a	n/a	2	1	3	6	1.50	2	2	2	6	12	437	0	437	8			
8:45 to 9:00	n/a	n/a	n/a	n/a	0	0	1	1	0.00	1	1	1	3	4	351	0	351	9			
9:00 to 9:15	n/a	n/a	n/a	n/a	3	0	4	7	1.00	2	0	3	5	5	308	0	308	10			
9:15 to 9:30	n/a	n/a	n/a	n/a	3	0	5	8	1.00	2	0	4	6	5	262	0	262	11			
9:30 to 9:45	n/a	n/a	n/a	n/a	4	0	7	11	1.00	1	0	3	4	5	275	0	275	12			
9:45 to 10:00	n/a	n/a	n/a	n/a	3	0	4	7	1.00	2	0	4	6	5	238	0	238	13			
10:00 to 10:15	n/a	n/a	n/a	n/a	3	0	4	7	1.00	2	1	5	8	5	190	0	190	13			
10:15 to 10:30	n/a	n/a	n/a	n/a	3	0	4	7	1.00	2	0	5	7	5	210	0	210	13			
10:30 to 10:45	n/a	n/a	n/a	n/a	3	0	4	7	1.00	2	0	4	6	5	205	0	205	13			
10:45 to 11:00	n/a	n/a	n/a	n/a	2	0	2	4	1.00	0	0	1	1	2	165	0	165	13			
11:00 to 11:15	n/a	n/a	n/a	n/a	4	2	3	9	1.50	4	1	3	8	8	191	0	191	13			
11:15 to 11:30	n/a	n/a	n/a	n/a	1	0	1	2	1.00	2	1	2	5	3	185	0	185	13			
11:30 to 11:45	n/a	n/a	n/a	n/a	4	2	3	9	1.50	4	1	3	8	8	217	0	217	13			
11:45 to 12:00	n/a	n/a	n/a	n/a	2	1	1	4	1.50	1	0	2	3	3	192	0	192	14			
PM																					
12:00 to 12:15	n/a	n/a	n/a	n/a	2	1	2	5	1.50	1	0	2	3	3	8	233	0	233	15		
12:15 to 12:30	n/a	n/a	n/a	n/a	0	0	1	1	0.00	3	1	3	7	3	8	217	0	217	13		
12:30 to 12:45	n/a	n/a	n/a	n/a	1	0	1	2	1.00	3	1	2	6	4	8	160	0	160	12		
12:45 to 13:00	n/a	n/a	n/a	n/a	1	0	1	2	1.00	1	0	2	3	2	5	245	0	245	10		
13:00 to 13:15	n/a	n/a	n/a	n/a	1	1	1	3	2.00	0	1	0	1	2	4	235	0	235	9		
13:15 to 13:30	n/a	n/a	n/a	n/a	1	1	0	2	2.00	0	0	0	0	1	2	151	0	151	9		
13:30 to 13:45	n/a	n/a	n/a	n/a	2	2	1	5	2.00	1	1	0	2	3	7	180	0	180	9		
13:45 to 14:00	n/a	n/a	n/a	n/a	1	2	1	4	3.00	1	2	0	3	4	7	193	0	193	10		
14:00 to 14:15	n/a	n/a	n/a	n/a	2	2	1	5	2.00	2	3	0	5	5	10	194	0	194	11		
14:15 to 14:30	n/a	n/a	n/a	n/a	1	1	1	3	2.00	1	2	0	3	3	6	219	0	219	11		
14:30 to 14:45	n/a	n/a	n/a	n/a	2	2	2	6	2.00	1	2	0	3	5	9	224	0	224	11		
14:45 to 15:00	n/a	n/a	n/a	n/a	2	2	2	6	2.00	2	2	0	4	5	10	193	0	193	12		
15:00 to 15:15	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	1	1	4	3	6	245	0	245	13		
15:15 to 15:30	n/a	n/a	n/a	n/a	2	1	1	4	1.50	3	2	2	7	5	11	218	0	218	13		
15:30 to 15:45	n/a	n/a	n/a	n/a	0	0	1	1	0.00	1	1	0	2	2	3	217	0	217	12		
15:45 to 16:00	n/a	n/a	n/a	n/a	0	0	1	1	0.00	1	1	1	3	2	4	187	0	187	11		
16:00 to 16:15	n/a	n/a	n/a	n/a	3	2	2	7	1.67	2	1	1	4	6	11	213	0	213	10		
16:15 to 16:30	n/a	n/a	n/a	n/a	3	2	1	6	1.67	1	1	0	2	4	8	220	0	220	11		
16:30 to 16:45	n/a	n/a	n/a	n/a	2	1	1	4	1.50	3	2	2	7	5	11	263	0	263	12		
16:45 to 17:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	1	2	5	3	7	250	0	250	11		
17:00 to 17:15	n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	1	0	2	2	3	230	0	230	10		
17:15 to 17:30	n/a	n/a	n/a	n/a	1	0	1	2	1.00	2	1	1	4	3	6	319	0	319	9		
17:30 to 17:45	n/a	n/a	n/a	n/a	2	0	2	4	1.00	2	1	1	4	4	8	282	0	282	9		
17:45 to 18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	310	0	310	8		
18:00 to 18:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	1	2	252	0	252	8		
18:15 to 18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	220	0	220	7		
18:30 to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	1	2	244	0	244	5		
18:45 to 19:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	1	1	3	2	4	172	0	172	3		
TOTAL	n/a	n/a	n/a	n/a	74	31	79	184	1.48	67	39	65	171	152	355	11794	0	11794			

¹ Crows Nest Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.6 Site S2 Crows Nest Medical Practice, Crows Nest – Survey Results – Hourly data – rolling at 15 minute intervals – Monday 09/03/2015.

DATE 9 March 2015	Crows Nest Medical Practice - 1a / 375 Pacific Highway, Crows Nest NSW 2065													
1-hour Data														
WEATHER Fine	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)									
TIME	IN	OUT	Total	Occupancy	IN					OUT				
					Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	
AM														
7:00 to 8:00	n/a	n/a	n/a	n/a	1	0	3	4	1.00	0	0	1	1	
7:15 to 8:15	n/a	n/a	n/a	n/a	3	2	6	11	1.67	0	0	2	2	
7:30 to 8:30	n/a	n/a	n/a	n/a	4	3	7	14	1.75	1	1	2	4	
7:45 to 8:45	n/a	n/a	n/a	n/a	6	4	10	20	1.67	3	3	4	10	
8:00 to 9:00	n/a	n/a	n/a	n/a	5	4	10	19	1.80	4	4	4	12	
8:15 to 9:15	n/a	n/a	n/a	n/a	6	2	10	18	1.33	6	4	6	16	
8:30 to 9:30	n/a	n/a	n/a	n/a	8	1	13	22	1.13	7	3	10	20	
8:45 to 9:45	n/a	n/a	n/a	n/a	10	0	17	27	1.00	6	1	11	18	
9:00 to 10:00	n/a	n/a	n/a	n/a	13	0	20	33	1.00	7	0	14	21	
9:15 to 10:15	n/a	n/a	n/a	n/a	13	0	20	33	1.00	7	1	16	24	
9:30 to 10:30	n/a	n/a	n/a	n/a	13	0	19	32	1.00	7	1	17	25	
9:45 to 10:45	n/a	n/a	n/a	n/a	12	0	16	28	1.00	8	1	18	27	
10:00 to 11:00	n/a	n/a	n/a	n/a	11	0	14	25	1.00	6	1	15	22	
10:15 to 11:15	n/a	n/a	n/a	n/a	12	2	13	27	1.17	8	1	13	22	
10:30 to 11:30	n/a	n/a	n/a	n/a	10	2	10	22	1.20	8	2	10	20	
10:45 to 11:45	n/a	n/a	n/a	n/a	11	4	9	24	1.36	10	3	9	22	
11:00 to 12:00	n/a	n/a	n/a	n/a	11	5	8	24	1.45	11	3	10	24	
11:15 to 12:15	n/a	n/a	n/a	n/a	9	4	7	20	1.44	8	2	9	19	
11:30 to 12:30	n/a	n/a	n/a	n/a	8	4	7	19	1.50	9	2	10	21	
11:45 to 12:45	n/a	n/a	n/a	n/a	5	2	5	12	1.40	8	2	9	19	
PM														
12:00 to 13:00	n/a	n/a	n/a	n/a	4	1	5	10	1.25	8	2	9	19	
12:15 to 13:15	n/a	n/a	n/a	n/a	3	1	4	8	1.33	7	3	7	17	
12:30 to 13:30	n/a	n/a	n/a	n/a	4	2	3	9	1.50	4	2	4	10	
12:45 to 13:45	n/a	n/a	n/a	n/a	5	4	3	12	1.80	2	2	2	6	
13:00 to 14:00	n/a	n/a	n/a	n/a	5	6	3	14	2.20	2	4	0	6	
13:15 to 14:15	n/a	n/a	n/a	n/a	6	7	3	16	2.17	4	6	0	10	
13:30 to 14:30	n/a	n/a	n/a	n/a	6	7	4	17	2.17	5	8	0	13	
13:45 to 14:45	n/a	n/a	n/a	n/a	6	7	5	18	2.17	5	9	0	14	
14:00 to 15:00	n/a	n/a	n/a	n/a	7	7	6	20	2.00	6	9	0	15	
14:15 to 15:15	n/a	n/a	n/a	n/a	6	6	5	17	2.00	6	7	1	14	
14:30 to 15:30	n/a	n/a	n/a	n/a	7	6	5	18	1.86	8	7	3	18	
14:45 to 15:45	n/a	n/a	n/a	n/a	5	4	4	13	1.80	8	6	3	17	
15:00 to 16:00	n/a	n/a	n/a	n/a	3	2	3	8	1.67	7	5	4	16	
15:15 to 16:15	n/a	n/a	n/a	n/a	5	3	5	13	1.60	7	5	4	16	
15:30 to 16:30	n/a	n/a	n/a	n/a	6	4	5	15	1.67	5	4	2	11	
15:45 to 16:45	n/a	n/a	n/a	n/a	8	5	5	18	1.63	7	5	4	16	
16:00 to 17:00	n/a	n/a	n/a	n/a	9	6	4	19	1.67	8	5	5	18	
16:15 to 17:15	n/a	n/a	n/a	n/a	7	4	2	13	1.57	7	5	4	16	
16:30 to 17:30	n/a	n/a	n/a	n/a	5	2	2	9	1.40	8	5	5	18	
16:45 to 17:45	n/a	n/a	n/a	n/a	5	1	3	9	1.20	7	4	4	15	
17:00 to 18:00	n/a	n/a	n/a	n/a	4	0	3	7	1.00	5	3	2	10	
17:15 to 18:15	n/a	n/a	n/a	n/a	3	0	3	6	1.00	5	3	2	10	
17:30 to 18:30	n/a	n/a	n/a	n/a	2	0	2	4	1.00	3	2	1	6	
17:45 to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	2	0	4	
18:00 to 19:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	3	3	1	7	

Grand Total		Main Road Data		Grand Total - Main Road
1-hour Data		1-hour Data		1-hour Data
Vehicles ³	Persons	NB	SB	Vehicles
1	5	1237	0	1237
3	13	1423	0	1423
5	18	1537	0	1537
9	30	1614	0	1614
9	31	1633	0	1633
12	34	1489	0	1489
15	42	1358	0	1358
16	45	1196	0	1196
20	54	1083	0	1083
20	57	965	0	965
20	57	913	0	913
20	55	843	0	843
17	47	770	0	770
20	49	771	0	771
18	42	746	0	746
21	46	758	0	758
22	48	785	0	785
14	39	827	0	827
14	40	859	0	859
9	31	802	0	802
12	29	855	0	855
11	25	857	0	857
9	19	791	0	791
8	18	811	0	811
10	20	759	0	759
13	26	718	0	718
15	30	786	0	786
17	32	830	0	830
18	35	830	0	830
16	31	881	0	881
18	36	880	0	880
15	30	873	0	873
12	24	867	0	867
15	29	835	0	835
14	26	837	0	837
17	34	883	0	883
18	37	946	0	946
14	29	963	0	963
13	27	1062	0	1062
12	24	1081	0	1081
9	17	1141	0	1141
8	16	1163	0	1163
5	10	1064	0	1064
2	4	1026	0	1026
4	8	888	0	888

¹ Crows Nest Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.7 Site S2 Crows Nest Medical Practice, Crows Nest – Hourly data – Consecutive – Monday 09/03/2015.

DATE	9 March 2015	Crows Nest Medical Practice - 1a / 375 Pacific Highway, Crows Nest NSW 2065												Grand Total		Main Road Data ⁵		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data	
WEATHER	Fine					IN				OUT									
TIME		IN	OUT	Total	Occupancy	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	NB	SB	Vehicles
AM																			
7:00 to 8:00		n/a	n/a	n/a	n/a	1	0	3	4	1.00	0	0	1	1	1	5	1237	0	1237
8:00 to 9:00		n/a	n/a	n/a	n/a	5	4	10	19	1.80	4	4	4	12	9	31	1633	0	1633
9:00 to 10:00		n/a	n/a	n/a	n/a	13	0	20	33	1.00	7	0	14	21	20	54	1083	0	1083
10:00 to 11:00		n/a	n/a	n/a	n/a	11	0	14	25	1.00	6	1	15	22	17	47	770	0	770
11:00 to 12:00		n/a	n/a	n/a	n/a	11	5	8	24	1.45	11	3	10	24	22	48	785	0	785
PM																			
12:00 to 13:00		n/a	n/a	n/a	n/a	4	1	5	10	1.25	8	2	9	19	12	29	855	0	855
13:00 to 14:00		n/a	n/a	n/a	n/a	5	6	3	14	2.20	2	4	0	6	10	20	759	0	759
14:00 to 15:00		n/a	n/a	n/a	n/a	7	7	6	20	2.00	6	9	0	15	18	35	830	0	830
15:00 to 16:00		n/a	n/a	n/a	n/a	3	2	3	8	1.67	7	5	4	16	12	24	867	0	867
16:00 to 17:00		n/a	n/a	n/a	n/a	9	6	4	19	1.67	8	5	5	18	18	37	946	0	946
17:00 to 18:00		n/a	n/a	n/a	n/a	4	0	3	7	1.00	5	3	2	10	9	17	1141	0	1141
18:00 to 19:00		n/a	n/a	n/a	n/a	1	0	0	1	1.00	3	3	1	7	4	8	888	0	888
Total		n/a	n/a	n/a	n/a	74	31	79	184	1.42	67	39	65	171	152	355	11794	0	11794

Table 3.8 Site S2 Crows Nest Medical Practice, Crows Nest – Travel mode – Monday 09/03/2015.

DATE 9 March 2015		Crows Nest Medical Practice - 1a / 375 Pacific Highway, Crows Nest NSW 2065												
Average group size (people)	Average duration of stay (hrs)			Travel Mode										
				Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.35	0:36	IN	Total	42	20	2	1	5	1	0	0	0	35	0
			%	39.6	18.9	1.9	0.9	4.7	0.9	0.0	0.0	0.0	33.0	0.0
		OUT	Total	42	20	2	1	5	1	0	0	0	35	0
			%	39.6	18.9	1.9	0.9	4.7	0.9	0.0	0.0	0.0	33.0	0.0

¹ Crows Nest Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.24 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

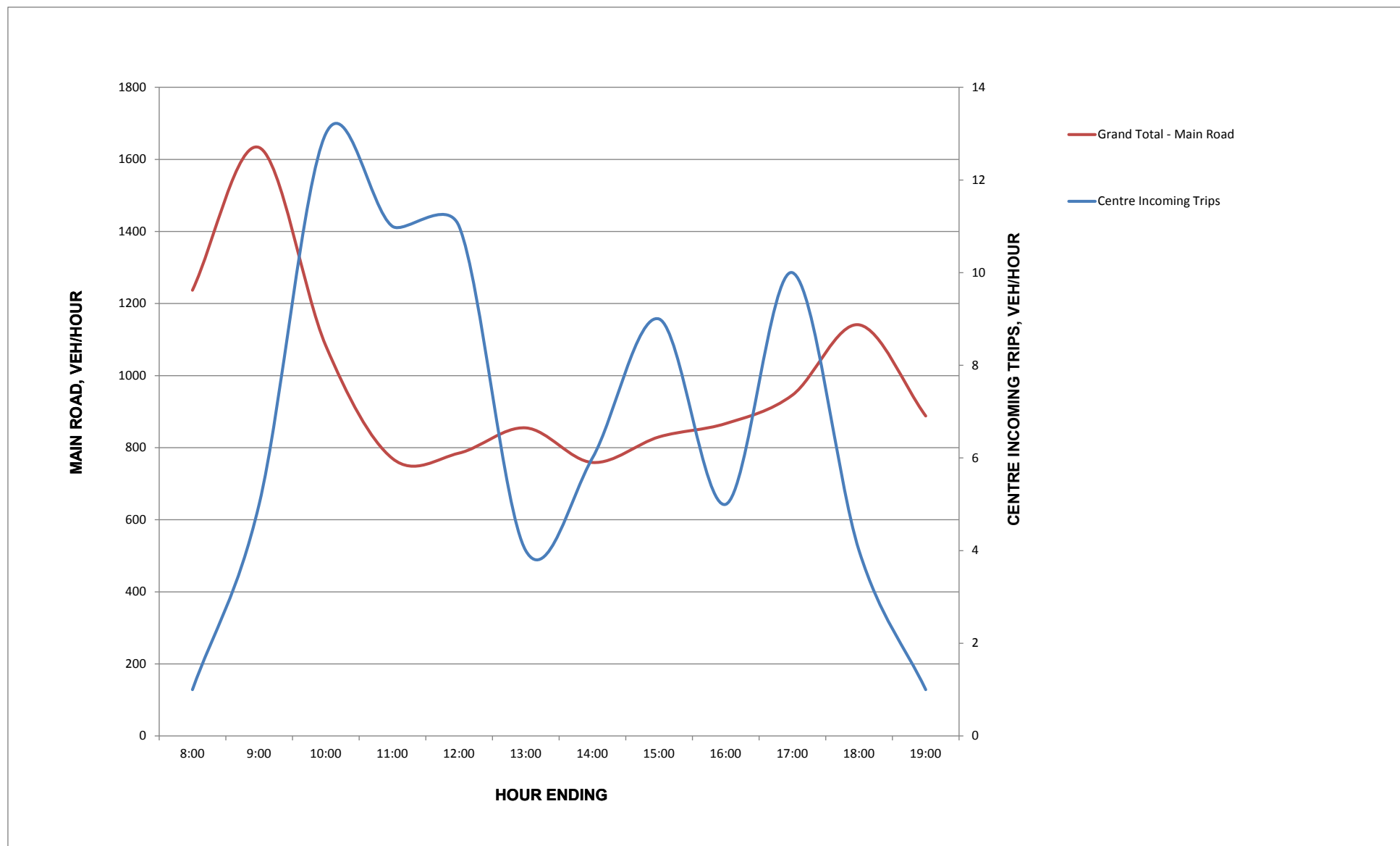


Figure 3.2 Site S2 Crows Nest Medical Practice, Crows Nest – Hourly trip distribution – Vehicles – Monday 09/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.3 Site S3 Five Dock Medical Centre, Five Dock NSW 2046 – Thursday 19/03/2015

Table 3.9 Site S3 Five Dock Medical Centre, Five Dock – Survey Results – 15-minute interval data – Thursday 19/03/2015.

DATE	19 March 2015	Five Dock Medical Centre - 150 Great North Road, Five Dock NSW 2046													Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand ⁴	
15 minute Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data	15 minute Data
WEATHER Fine						IN					OUT										
TIME		IN	OUT	Total	Occupancy	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	NB	SB	Vehicles	On street	
AM																					
7:00	to 7:15	n/a	n/a	n/a	n/a	1	1	0	2	2.00	0	0	0	0	1	2				2	
7:15	to 7:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	0	0	0	0	0	1				3	
7:30	to 7:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	0	0	1	1	2	2				3	
7:45	to 8:00	n/a	n/a	n/a	n/a	3	2	0	5	1.67	0	0	1	1	4	6				5	
8:00	to 8:15	n/a	n/a	n/a	n/a	1	1	0	2	2.00	0	0	1	1	2	3				6	
8:15	to 8:30	n/a	n/a	n/a	n/a	7	5	2	14	1.71	2	1	1	4	11	18				9	
8:30	to 8:45	n/a	n/a	n/a	n/a	4	2	1	7	1.50	1	1	1	3	7	10				12	
8:45	to 9:00	n/a	n/a	n/a	n/a	2	1	1	4	1.50	4	2	2	8	7	12				12	
9:00	to 9:15	n/a	n/a	n/a	n/a	2	2	1	5	2.00	2	2	1	5	6	10				12	
9:15	to 9:30	n/a	n/a	n/a	n/a	3	2	2	7	1.67	3	2	1	6	8	13				15	
9:30	to 9:45	n/a	n/a	n/a	n/a	4	3	1	8	1.75	1	1	1	3	6	11				18	
9:45	to 10:00	n/a	n/a	n/a	n/a	6	4	2	12	1.67	3	2	1	6	11	18				20	
10:00	to 10:15	n/a	n/a	n/a	n/a	2	2	1	5	2.00	2	1	1	4	6	9				22	
10:15	to 10:30	n/a	n/a	n/a	n/a	1	1	1	3	2.00	3	2	2	7	7	10				21	
10:30	to 10:45	n/a	n/a	n/a	n/a	3	2	2	7	1.67	4	3	2	9	10	16				19	
10:45	to 11:00	n/a	n/a	n/a	n/a	3	2	2	7	1.67	5	3	2	10	11	17				19	
11:00	to 11:15	n/a	n/a	n/a	n/a	5	2	1	8	1.40	2	1	1	4	7	12				19	
11:15	to 11:30	n/a	n/a	n/a	n/a	4	2	1	7	1.50	1	1	0	2	5	9				20	
11:30	to 11:45	n/a	n/a	n/a	n/a	3	1	1	5	1.33	3	1	1	5	6	10				20	
11:45	to 12:00	n/a	n/a	n/a	n/a	2	1	0	3	1.50	6	3	1	10	8	13				20	
PM																					
12:00	to 12:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	2	1	1	4	4	7				20	
12:15	to 12:30	n/a	n/a	n/a	n/a	2	1	1	4	1.50	4	2	1	7	6	11				20	
12:30	to 12:45	n/a	n/a	n/a	n/a	1	0	1	2	1.00	2	1	1	4	3	6				20	
12:45	to 13:00	n/a	n/a	n/a	n/a	3	1	2	6	1.33	3	1	1	5	6	11				19	
13:00	to 13:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	1	0	3	2	3				18	
13:15	to 13:30	n/a	n/a	n/a	n/a	1	1	1	3	2.00	1	1	0	2	3	5				9	
13:30	to 13:45	n/a	n/a	n/a	n/a	1	1	1	3	2.00	1	0	0	1	3	4				0	
13:45	to 14:00	n/a	n/a	n/a	n/a	2	1	2	5	1.50	3	1	1	5	6	10				8	
14:00	to 14:15	n/a	n/a	n/a	n/a	0	0	1	1	0.00	1	1	0	2	2	3				17	
14:15	to 14:30	n/a	n/a	n/a	n/a	2	1	2	5	1.50	1	1	0	2	4	7				16	
14:30	to 14:45	n/a	n/a	n/a	n/a	2	1	1	4	1.50	3	1	1	5	5	9				15	
14:45	to 15:00	n/a	n/a	n/a	n/a	2	1	1	4	1.50	2	1	0	3	4	7				16	
15:00	to 15:15	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	1	1	4	3	6				16	
15:15	to 15:30	n/a	n/a	n/a	n/a	4	2	1	7	1.50	2	1	1	4	7	11				15	
15:30	to 15:45	n/a	n/a	n/a	n/a	4	2	1	7	1.50	2	1	1	4	7	11				15	
15:45	to 16:00	n/a	n/a	n/a	n/a	9	5	1	15	1.56	2	1	1	4	12	19				17	
16:00	to 16:15	n/a	n/a	n/a	n/a	5	3	1	9	1.60	5	3	2	10	11	19				20	
16:15	to 16:30	n/a	n/a	n/a	n/a	5	2	1	8	1.40	4	3	1	8	9	16				19	
16:30	to 16:45	n/a	n/a	n/a	n/a	4	2	0	6	1.50	1	1	0	2	5	8				18	
16:45	to 17:00	n/a	n/a	n/a	n/a	8	4	1	13	1.50	4	2	1	7	13	20				19	
17:00	to 17:15	n/a	n/a	n/a	n/a	4	2	0	6	1.50	6	3	0	9	11	15				20	
17:15	to 17:30	n/a	n/a	n/a	n/a	5	2	1	8	1.40	3	1	0	4	9	12				19	
17:30	to 17:45	n/a	n/a	n/a	n/a	6	3	1	10	1.50	4	2	0	6	11	16				17	
17:45	to 18:00	n/a	n/a	n/a	n/a	2	1	1	4	1.50	4	2	1	7	8	11				15	
18:00	to 18:15	n/a	n/a	n/a	n/a	1	1	0	2	2.00	5	2	1	8	7	10				12	
18:15	to 18:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	6	3	1	10	9	13				9	
18:30	to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	1	2				6	
18:45	to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	1	0	3	2	3				3	
TOTAL		n/a	n/a	n/a	n/a	136	76	41	253	1.59	120	66	38	224	299	477	6106	6903	13009		

¹ Five Dock Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.10 Site S3 Five Dock Medical Centre, Five Dock – Survey Results – Hourly data – rolling at 15 minute intervals – Thursday 19/03/2015.

DATE	19 March 2015		Five Dock Medical Centre - 150 Great North Road, Five Dock NSW 2046												Grand Total		Main Road Data		Grand Total - Main Road			
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine			IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	NB	SB	Vehicles			
TIME							Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total		
AM																						
7:00	to	8:00	n/a	n/a	n/a	n/a	6	3	0	9	1.50	0	0	2	2	8	11	449	601	1050		
7:15	to	8:15	n/a	n/a	n/a	n/a	6	3	0	9	1.50	0	0	3	3	9	12	474	633	1107		
7:30	to	8:30	n/a	n/a	n/a	n/a	12	8	2	22	1.67	2	1	4	7	19	29	461	653	1114		
7:45	to	8:45	n/a	n/a	n/a	n/a	15	10	3	28	1.67	3	2	4	9	24	37	483	627	1110		
8:00	to	9:00	n/a	n/a	n/a	n/a	14	9	4	27	1.64	7	4	5	16	27	43	492	632	1124		
8:15	to	9:15	n/a	n/a	n/a	n/a	15	10	5	30	1.67	9	6	5	20	31	50	493	645	1138		
8:30	to	9:30	n/a	n/a	n/a	n/a	11	7	5	23	1.64	10	7	5	22	28	45	500	629	1129		
8:45	to	9:45	n/a	n/a	n/a	n/a	11	8	5	24	1.73	10	7	5	22	27	46	481	634	1115		
9:00	to	10:00	n/a	n/a	n/a	n/a	15	11	6	32	1.73	9	7	4	20	31	52	460	604	1064		
9:15	to	10:15	n/a	n/a	n/a	n/a	15	11	6	32	1.73	9	6	4	19	31	51	452	596	1048		
9:30	to	10:30	n/a	n/a	n/a	n/a	13	10	5	28	1.77	9	6	5	20	30	48	455	596	1051		
9:45	to	10:45	n/a	n/a	n/a	n/a	12	9	6	27	1.75	12	8	6	26	34	53	469	600	1069		
10:00	to	11:00	n/a	n/a	n/a	n/a	9	7	6	22	1.78	14	9	7	30	34	52	479	576	1055		
10:15	to	11:15	n/a	n/a	n/a	n/a	12	7	6	25	1.58	14	9	7	30	35	55	488	556	1044		
10:30	to	11:30	n/a	n/a	n/a	n/a	15	8	6	29	1.53	12	8	5	25	33	54	515	538	1053		
10:45	to	11:45	n/a	n/a	n/a	n/a	15	7	5	27	1.47	11	6	4	21	29	48	516	542	1058		
11:00	to	12:00	n/a	n/a	n/a	n/a	14	6	3	23	1.43	12	6	3	21	26	44	523	578	1101		
11:15	to	12:15	n/a	n/a	n/a	n/a	11	5	2	18	1.45	12	6	3	21	19	39	517	574	1091		
11:30	to	12:30	n/a	n/a	n/a	n/a	9	4	2	15	1.44	15	7	4	26	18	41	522	569	1091		
11:45	to	12:45	n/a	n/a	n/a	n/a	7	3	2	12	1.43	14	7	4	25	18	37	504	555	1059		
PM																						
12:00	to	13:00	n/a	n/a	n/a	n/a	8	3	4	15	1.38	11	5	4	20	19	35	502	527	1029		
12:15	to	13:15	n/a	n/a	n/a	n/a	6	2	4	12	1.33	11	5	3	19	17	31	522	537	1059		
12:30	to	13:30	n/a	n/a	n/a	n/a	5	2	4	11	1.40	8	4	2	14	14	25	492	537	1029		
12:45	to	13:45	n/a	n/a	n/a	n/a	5	3	4	12	1.60	7	3	1	11	14	23	494	539	1033		
13:00	to	14:00	n/a	n/a	n/a	n/a	4	3	4	11	1.75	7	3	1	11	14	22	484	543	1027		
13:15	to	14:15	n/a	n/a	n/a	n/a	4	3	5	12	1.75	6	3	1	10	14	22	469	515	984		
13:30	to	14:30	n/a	n/a	n/a	n/a	5	3	6	14	1.60	6	3	1	10	15	24	471	533	1004		
13:45	to	14:45	n/a	n/a	n/a	n/a	6	3	6	15	1.50	8	4	2	14	17	29	466	544	1010		
14:00	to	15:00	n/a	n/a	n/a	n/a	6	3	5	14	1.50	7	4	1	12	15	26	476	534	1010		
14:15	to	15:15	n/a	n/a	n/a	n/a	7	4	4	15	1.57	8	4	2	14	16	29	485	576	1061		
14:30	to	15:30	n/a	n/a	n/a	n/a	9	5	3	17	1.56	9	4	3	16	19	33	476	585	1061		
14:45	to	15:45	n/a	n/a	n/a	n/a	11	6	3	20	1.55	8	4	3	15	21	35	506	572	1078		
15:00	to	16:00	n/a	n/a	n/a	n/a	18	10	3	31	1.56	8	4	4	16	29	47	517	573	1090		
15:15	to	16:15	n/a	n/a	n/a	n/a	22	12	4	38	1.55	11	6	5	22	37	60	517	556	1073		
15:30	to	16:30	n/a	n/a	n/a	n/a	23	12	4	39	1.52	13	8	5	26	39	65	532	523	1055		
15:45	to	16:45	n/a	n/a	n/a	n/a	23	12	3	38	1.52	12	8	4	24	37	62	520	535	1055		
16:00	to	17:00	n/a	n/a	n/a	n/a	22	11	3	36	1.50	14	9	4	27	38	63	510	556	1066		
16:15	to	17:15	n/a	n/a	n/a	n/a	21	10	2	33	1.48	15	9	2	26	38	59	529	582	1111		
16:30	to	17:30	n/a	n/a	n/a	n/a	21	10	2	33	1.48	14	7	1	22	38	55	546	603	1149		
16:45	to	17:45	n/a	n/a	n/a	n/a	23	11	3	37	1.48	17	8	1	26	44	63	586	601	1187		
17:00	to	18:00	n/a	n/a	n/a	n/a	17	8	3	28	1.47	17	8	1	26	39	54	630	587	1217		
17:15	to	18:15	n/a	n/a	n/a	n/a	14	7	3	24	1.50	16	7	2	25	35	49	618	584	1202		
17:30	to	18:30	n/a	n/a	n/a	n/a	11	6	2	19	1.55	19	9	3	31	35	50	638	596	1234		
17:45	to	18:45	n/a	n/a	n/a	n/a	5	3	1	9	1.60	16	8	3	27	25	36	619	578	1197		
18:00	to	19:00	n/a	n/a	n/a	n/a	3	2	0	5	1.67	14	7	2	23	19	28	584	592	1176		

¹ Five Dock Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.11 Site S3 Five Dock Medical Centre, Five Dock – Hourly data – Consecutive – Thursday 19/03/2015.

DATE	19 March 2015	Five Dock Medical Centre - 150 Great North Road, Five Dock NSW 2046												Grand Total		Main Road Data ⁵		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data	
WEATHER	Fine	IN	OUT	Total	Occupancy	IN				OUT				Vehicles ⁴	Persons	NB	SB	Vehicles	
TIME						Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total					
AM																			
7:00 to 8:00		n/a	n/a	n/a	n/a	6	3	0	9	1.50	0	0	2	2	8	11	449	601	1050
8:00 to 9:00		n/a	n/a	n/a	n/a	14	9	4	27	1.64	7	4	5	16	27	43	492	632	1124
9:00 to 10:00		n/a	n/a	n/a	n/a	15	11	6	32	1.73	9	7	4	20	31	52	460	604	1064
10:00 to 11:00		n/a	n/a	n/a	n/a	9	7	6	22	1.78	14	9	7	30	34	52	479	576	1055
11:00 to 12:00		n/a	n/a	n/a	n/a	14	6	3	23	1.43	12	6	3	21	26	44	523	578	1101
PM																			
12:00 to 13:00		n/a	n/a	n/a	n/a	8	3	4	15	1.38	11	5	4	20	19	35	502	527	1029
13:00 to 14:00		n/a	n/a	n/a	n/a	4	3	4	11	1.75	7	3	1	11	14	22	484	543	1027
14:00 to 15:00		n/a	n/a	n/a	n/a	6	3	5	14	1.50	7	4	1	12	15	26	476	534	1010
15:00 to 16:00		n/a	n/a	n/a	n/a	18	10	3	31	1.56	8	4	4	16	29	47	517	573	1090
16:00 to 17:00		n/a	n/a	n/a	n/a	22	11	3	36	1.50	14	9	4	27	38	63	510	556	1066
17:00 to 18:00		n/a	n/a	n/a	n/a	17	8	3	28	1.47	17	8	1	26	39	54	630	587	1217
18:00 to 19:00		n/a	n/a	n/a	n/a	3	2	0	5	1.67	14	7	2	23	19	28	584	592	1176
Total		n/a	n/a	n/a	n/a	136	76	41	253	1.56	120	66	38	224	299	477	6106	6903	13009

Table 3.12 Site S3 Five Dock Medical Centre, Five Dock – Travel mode – Thursday 19/03/2015.

DATE	19 March 2015	Five Dock Medical Centre - 150 Great North Road, Five Dock NSW 2046											
Average group size (people)	Average duration of stay (hrs)	Travel Mode											
			Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.36	0:42	IN	Total	74	32	9	0	6	0	0	0	16	0
			%	54.0	23.4	6.6	0.0	4.4	0.0	0.0	0.0	11.7	0.0
		OUT	Total	74	32	9	0	6	0	0	0	16	0
			%	54.0	23.4	6.6	0.0	4.4	0.0	0.0	0.0	11.7	0.0

¹ Five Dock Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.25 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

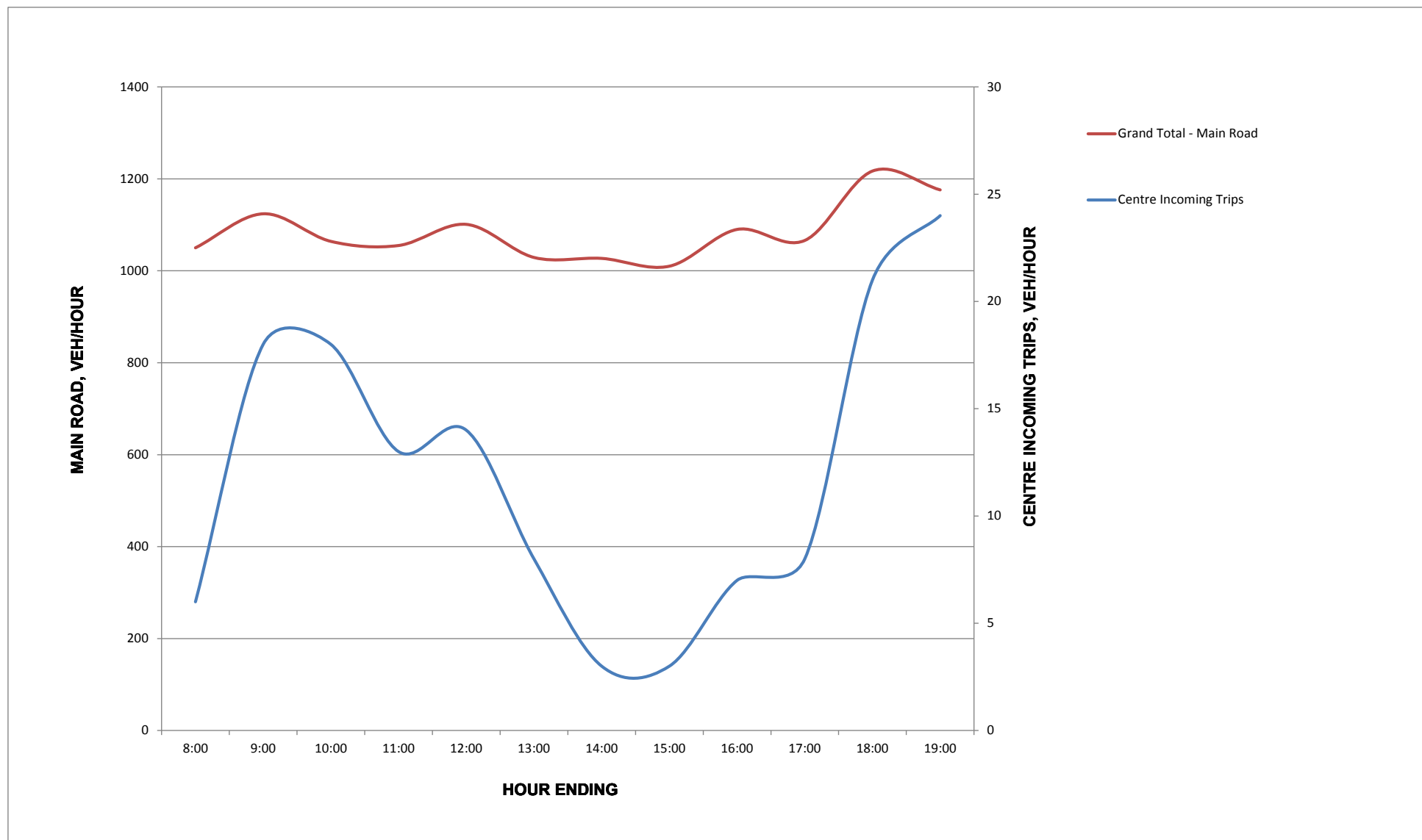


Figure 3.3 Site S3 Five Dock Medical Centre, Five Dock – Hourly trip distribution – Vehicles – Thursday 19/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.4 Site S4 Riverstone Family Medical Centre, Riverstone NSW 2765 – Saturday 28/02/2015

Table 3.13 Site S4 Riverstone Family Medical Centre, Riverstone – Survey Results – 15-minute interval data – Saturday 28/02/2015.

DATE	Riverstone Family Medical Practice - 10 Pitt St, Riverstone NSW 2765													Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand			
28 Feb 2015																						
15 minute Data	Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data	15 minute Data		
WEATHER Fine					IN					OUT												
TIME	IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	EB	WB	Vehicles	Car Park	On Street	Total ⁴	
AM																						
7:30 to 7:45	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	3	2	5	0	0	0	
7:45 to 8:00	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	2	0	2	0	1	1	
8:00 to 8:15	1	0	1	1.00	1	0	0	1	1.00	0	0	0	0	1	1	3	0	3	1	0	1	
8:15 to 8:30	2	0	2	1.00	2	0	0	2	1.00	0	0	0	0	2	2	2	4	6	3	0	3	
8:30 to 8:45	3	0	3	1.33	4	1	0	5	1.25	1	0	0	1	3	6	5	4	9	3	0	3	
8:45 to 9:00	2	1	3	1.50	2	0	0	2	1.00	1	0	0	1	3	3	4	3	7	3	0	3	
9:00 to 9:15	0	1	1	0.00	0	0	0	0	0.00	2	1	0	3	1	3	5	10	15	3	2	5	
9:15 to 9:30	2	1	3	1.50	2	1	0	3	1.50	1	0	0	1	3	4	4	2	6	3	2	5	
9:30 to 9:45	2	1	3	1.00	1	1	0	2	2.00	1	0	0	1	3	3	8	11	19	3	3	6	
9:45 to 10:00	0	0	0	0.00	0	0	0	0	0.00	1	0	0	1	0	1	7	4	11	3	4	7	
10:00 to 10:15	1	1	2	2.00	1	1	0	2	2.00	1	0	0	1	2	3	13	7	20	3	4	7	
10:15 to 10:30	0	0	0	0.00	2	2	0	4	2.00	1	0	0	1	0	5	4	9	13	3	5	8	
10:30 to 10:45	2	2	4	1.50	1	1	0	2	2.00	1	0	0	1	4	3	12	9	21	3	6	9	
10:45 to 11:00	1	2	3	2.00	1	1	0	2	2.00	3	1	0	4	3	6	8	14	22	2	6	8	
11:00 to 11:15	2	0	2	2.00	3	1	0	4	1.33	2	1	0	3	2	7	13	8	21	4	4	8	
11:15 to 11:30	3	4	7	1.33	3	1	0	4	1.33	3	2	0	5	7	9	11	10	21	3	6	9	
11:30 to 11:45	0	3	3	0.00	1	0	0	1	1.00	3	2	0	5	3	6	11	12	23	3	6	9	
11:45 to 12:00	1	1	2	2.00	3	1	0	4	1.33	1	1	0	2	2	6	1	19	20	3	6	9	
PM																						
12:00 to 12:15	1	0	1	2.00	3	1	0	4	1.33	1	0	0	1	1	5	7	14	21	4	4	8	
12:15 to 12:30	1	1	2	1.00	1	0	0	1	1.00	1	0	0	1	2	2	3	14	17	4	3	7	
12:30 to 12:45	0	1	1	0.00	1	1	0	2	2.00	2	2	0	4	1	6	9	8	17	3	4	7	
12:45 to 13:00	0	0	0	0.00	0	0	0	0	0.00	1	0	0	1	0	1	10	7	17	3	4	7	
TOTAL	24	19	43	1.51	32	13	0	45	1.48	27	10	0	37	43	82	145	171	316	Total Car Park Spaces - 5			

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.14 Site S4 Riverstone Family Medical Centre, Riverstone – Survey Results – Hourly data – rolling at 15 minute intervals – Saturday 28/02/2015.

DATE	28 Feb 2015		Riverstone Family Medical Practice - 10 Pitt St, Riverstone NSW 2765												Grand Total		Main Road Data		Grand Total - Main Road					
1-hour Data			Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data					
WEATHER			Fine				IN				OUT				Vehicles ³		Persons		EB		WB		Vehicles	
TIME			IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total									
AM																								
7:00	to	8:00	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	5	2			7		
7:15	to	8:15	1	0	1	1.00	1	0	0	1	1.00	0	0	0	0	0	1	8	2			10		
7:30	to	8:30	3	0	3	1.00	3	0	0	3	1.00	0	0	0	0	0	3	10	6			16		
7:45	to	8:45	6	0	6	1.17	7	1	0	8	1.14	1	0	0	1	6	9	12	8			20		
8:00	to	9:00	8	1	9	1.25	9	1	0	10	1.11	2	0	0	2	9	12	14	11			25		
8:15	to	9:15	7	2	9	1.29	8	1	0	9	1.13	4	1	0	5	10	14	16	21			37		
8:30	to	9:30	7	3	10	1.43	8	2	0	10	1.25	5	1	0	6	10	16	18	19			37		
8:45	to	9:45	6	4	10	1.33	5	2	0	7	1.40	5	1	0	6	10	13	21	26			47		
9:00	to	10:00	4	3	7	1.25	3	2	0	5	1.67	5	1	0	6	7	11	24	27			51		
9:15	to	10:15	5	3	8	1.40	4	3	0	7	1.75	4	0	0	4	8	11	32	24			56		
9:30	to	10:30	3	2	5	1.33	4	4	0	8	2.00	4	0	0	4	5	12	32	31			63		
9:45	to	10:45	3	3	6	1.67	4	4	0	8	2.00	4	0	0	4	6	12	36	29			65		
10:00	to	11:00	4	5	9	1.75	5	5	0	10	2.00	6	1	0	7	9	17	37	39			76		
10:15	to	11:15	5	4	9	1.80	7	5	0	12	1.71	7	2	0	9	9	21	37	40			77		
10:30	to	11:30	8	8	16	1.63	8	4	0	12	1.50	9	4	0	13	16	25	44	41			85		
10:45	to	11:45	6	9	15	1.67	8	3	0	11	1.38	11	6	0	17	15	28	43	44			87		
11:00	to	12:00	6	8	14	1.67	10	3	0	13	1.30	9	6	0	15	14	28	36	49			85		
11:15	to	12:15	5	8	13	1.60	10	3	0	13	1.30	8	5	0	13	13	26	30	55			85		
11:30	to	12:30	3	5	8	1.67	8	2	0	10	1.25	6	3	0	9	8	19	22	59			81		
11:45	to	12:45	3	3	6	1.67	8	3	0	11	1.38	5	3	0	8	6	19	20	55			75		
PM																								
12:00	to	13:00	2	2	4	1.50	5	2	0	7	1.40	5	2	0	7	4	14	29	43			72		

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.15 Site S4 Riverstone Family Medical Centre, Riverstone – Hourly data – Consecutive – Saturday 28/02/2015.

DATE	28 Feb 2015		Riverstone Family Medical Practice - 10 Pitt St, Riverstone NSW 2765													Grand Total		Main Road Data ⁵		Grand Total - Main Road				
1-hour Data			Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)									1-hour Data		1-hour Data		1-hour Data				
WEATHER			Fine				IN					OUT				Vehicles ⁴		Persons		EB		WB		Vehicles
TIME			IN	OUT	Total	Occupancy ¹	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total									
AM																								
7:00 to 8:00			0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0		5		2		7		
8:00 to 9:00			8	1	9	1.25	9	1	0	10	1.11	2	0	0	2	9		14		11		25		
9:00 to 10:00			4	3	7	1.25	3	2	0	5	1.67	5	1	0	6	7		24		27		51		
10:00 to 11:00			4	5	9	1.75	5	5	0	10	2.00	6	1	0	7	9		37		39		76		
11:00 to 12:00			6	8	14	1.67	10	3	0	13	1.30	9	6	0	15	14		36		49		85		
PM																								
12:00 to 13:00			2	2	4	1.50	5	2	0	7	1.40	5	2	0	7	4		29		43		72		
Total			24	19	43	1.46	32	13	0	45	1.41	27	10	0	37	43		145		171		316		

Table 3.16 Site S4 Riverstone Family Medical Centre, Riverstone – Travel mode – Saturday 28/02/2015.

DATE 28 Feb 2015	Riverstone Family Medical Practice - 10 Pitt St, Riverstone NSW 2765												
Average group size (people)	Average duration of stay (hrs)	Travel Mode											
		Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other	
1.58	0:44	IN	Total	24	13	0	0	0	0	0	0	0	0
			%	64.9	35.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OUT	Total	23	12	0	0	0	0	0	0	0	0
			%	65.7	34.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² The number of incoming trips in Figure 3.26 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

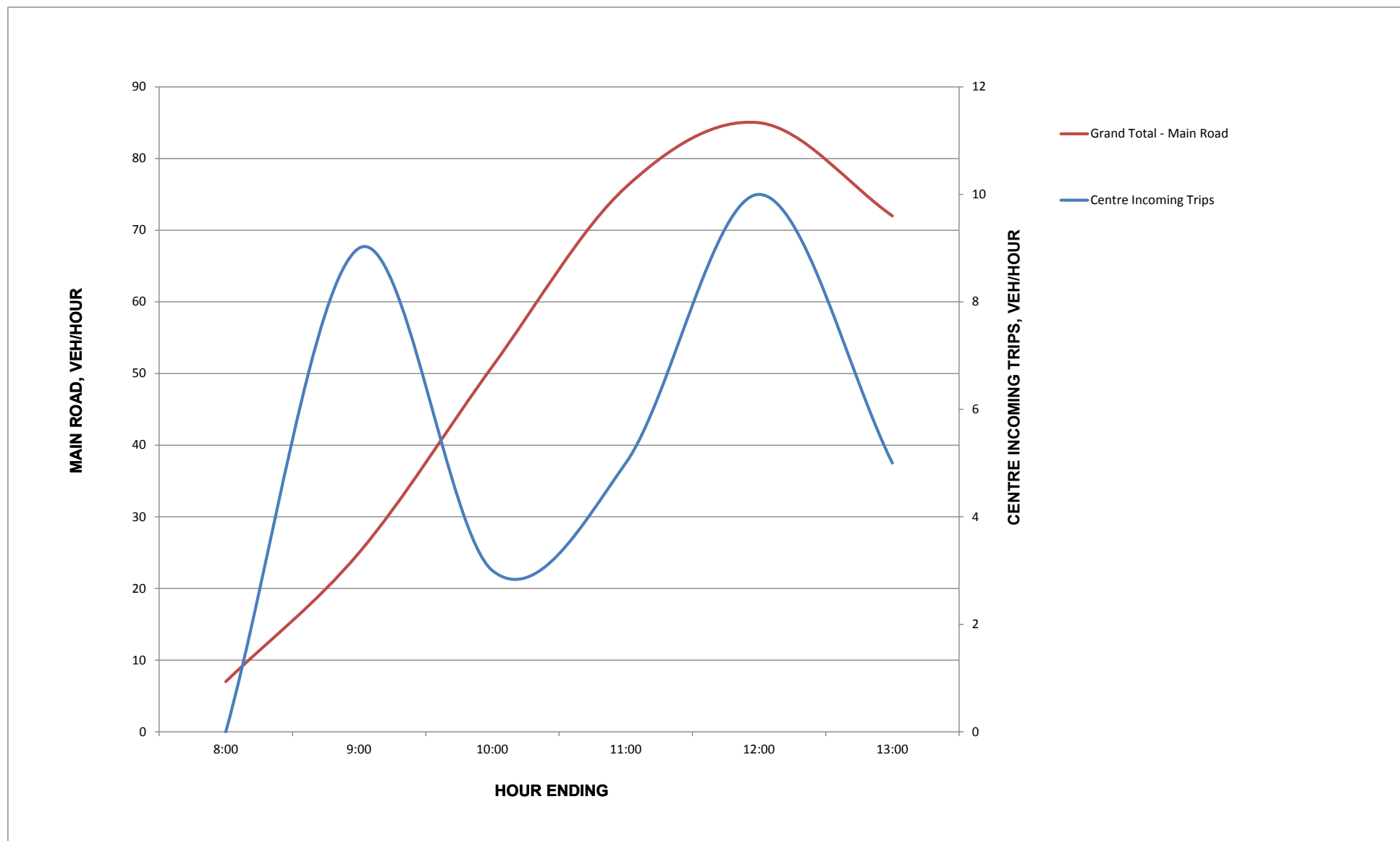


Figure 3.4 Site S4 Riverstone Family Medical Centre, Riverstone – Hourly trip distribution – Vehicles – Saturday 28/02/2015. Traffic on the frontage road and centre incoming trips.

3.1.5 Site S4 Riverstone Family Medical Centre, Riverstone 2765 NSW – Monday 02/03/2015

Table 3.17 Site S4 Riverstone Family Medical Centre, Riverstone – Survey Results – 15-minute interval data – Monday 02/03/2015.

DATE	2 March 2015	Riverstone Family Medical Practice - 10 Pitt St, Riverstone 2765													Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand		
15 minute Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)									15 minute Data		15 minute Data		15 minute Data	15 minute Data		
WEATHER		Fine				IN				OUT				Vehicles ³		Persons	EB	WB	Vehicles	Car Park	On Street	Total ⁴
TIME		IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total								
AM																						
7:00	to 7:15	4	0	4	1.00	3	1	0	4	1.33	0	0	0	0					5	3	1	4
7:15	to 7:30	1	0	1	1.00	1	0	0	1	1.00	0	0	0	0					6	4	1	5
7:30	to 7:45	0	1	1	0.00	0	0	0	0	0.00	1	0	0	1					10	4	2	6
7:45	to 8:00	1	1	2	1.00	1	0	0	1	1.00	1	0	0	1					6	4	2	6
8:00	to 8:15	1	0	1	3.00	4	1	1	6	1.25	0	0	0	0					13	5	0	5
8:15	to 8:30	0	1	1	0.00	0	0	0	0	0.00	1	1	0	2					18	4	2	6
8:30	to 8:45	1	1	2	1.00	2	0	1	3	1.00	2	1	0	3					6	5	1	6
8:45	to 9:00	1	0	1	1.00	1	0	0	1	1.00	1	0	0	1					13	5	3	8
9:00	to 9:15	2	2	4	1.00	3	2	0	5	1.67	2	1	0	3					18	5	4	9
9:15	to 9:30	1	2	3	1.00	0	0	0	0	0.00	2	1	0	3					13	4	4	8
9:30	to 9:45	0	1	1	0.00	2	1	0	3	1.50	1	0	0	1					16	5	2	7
9:45	to 10:00	0	2	2	0.00	1	0	0	1	1.00	3	2	0	5					16	3	4	7
10:00	to 10:15	3	0	3	2.00	3	2	0	5	1.67	2	1	0	3					22	5	2	7
10:15	to 10:30	3	0	3	2.00	1	1	0	2	2.00	2	1	1	4					17	5	4	9
10:30	to 10:45	2	0	2	2.50	3	2	0	5	1.67	2	1	1	4					18	5	5	10
10:45	to 11:00	0	1	1	0.00	1	1	0	2	2.00	3	2	1	6					24	4	5	9
11:00	to 11:15	2	5	7	2.50	1	2	0	3	3.00	2	2	0	4					11	1	8	9
11:15	to 11:30	4	2	6	1.75	2	4	0	6	3.00	2	2	0	4					10	3	6	9
11:30	to 11:45	0	0	0	0.00	1	1	0	2	2.00	1	1	0	2					4	3	7	10
11:45	to 12:00	2	0	2	2.50	1	2	0	3	3.00	3	2	0	5					11	5	6	11
PM																						
12:00	to 12:15	1	1	2	1.00	1	1	0	2	2.00	2	1	0	3					11	5	6	11
12:15	to 12:30	1	1	2	1.00	0	1	0	1	0.00	2	1	0	3					6	5	6	11
12:30	to 12:45	no data ⁵	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data					no data	no data	no data	no data
12:45	to 13:00	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data					no data	no data	no data	no data
13:00	to 13:15	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data					no data	no data	no data	no data
13:15	to 13:30	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data					no data	no data	no data	no data
13:30	to 13:45	2	0	2	1.00	2	1	0	3	1.50	1	1	0	2					12	5	6	11
13:45	to 14:00	3	1	4	1.33	4	3	0	7	1.75	1	1	0	2					23	5	8	13
14:00	to 14:15	0	1	1	0.00	0	0	0	0	0.00	2	1	0	3					22	4	11	15
14:15	to 14:30	0	1	1	0.00	1	0	0	1	1.00	1	0	0	1					22	3	10	13
14:30	to 14:45	1	1	2	1.00	4	2	0	6	1.50	1	1	0	2					18	3	9	12
14:45	to 15:00	0	2	2	0.00	0	0	0	0	0.00	2	1	0	3					22	1	11	12
15:00	to 15:15	2	1	3	2.00	1	1	0	2	2.00	2	1	0	3					24	5	7	12
15:15	to 15:30	1	2	3	3.00	3	2	0	5	1.67	2	1	0	3					33	4	8	12
15:30	to 15:45	0	1	1	0.00	1	0	0	1	1.00	1	0	0	1					20	4	8	12
15:45	to 16:00	0	1	1	0.00	0	0	0	0	0.00	1	1	0	2					24	3	8	11
16:00	to 16:15	2	1	3	1.50	2	1	0	3	1.50	2	1	0	3					29	4	6	10
16:15	to 16:30	3	0	3	2.33	3	2	0	5	1.67	0	0	0	0					21	5	7	12
16:30	to 16:45	0	0	0	0.00	1	1	0	2	2.00	2	1	0	3					0	5	10	15
16:45	to 17:00	2	3	5	1.00	3	2	0	5	1.67	2	1	0	3					28	4	9	13
17:00	to 17:15	1	3	4	1.00	2	1	0	3	1.50	4	2	0	6					19	5	6	11
17:15	to 17:30	1	0	1	1.00	1	0	0	1	1.00	1	0	0	1					20	5	6	11
17:30	to 17:45	0	0	0	0.00	2	1	0	3	1.50	2	1	0	3					11	5	6	11
17:45	to 18:00	1	1	2	3.00	2	2	0	4	2.00	1	0	0	1					7	5	6	11
18:00	to 18:15	1	1	2	2.00	1	1	0	2	2.00	2	1	0	3					17	5	5	10
18:15	to 18:30	1	1	2	1.00	1	0	0	1	1.00	1	1	0	2					13	5	4	9
18:30	to 18:45	0	2	2	0.00	0	0	0	0	0.00	1	1	0	2					6	3	6	9
18:45	to 19:00	0	0	0	0.00	0	0	0	0	0.00	1	1	0	2					10	3	2	5
TOTAL		51	44	95	1.60	66	42	2	110	1.64	68	38	3	109	145	219	298	377	675			Total Car Park Spaces - 5

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

⁵ Due to the fact that the surveyor felt unwell for a period of time, no data was recorded between 12:30 pm and 1:30 pm.

Table 3.18 Site S4 Riverstone Family Medical Centre, Riverstone – Survey Results – Hourly data – rolling at 15 minute intervals – Monday 02/03/2015.

DATE	2 March 2015	Riverstone Family Medical Practice - 10 Pitt St, Riverstone 2765												Grand Total		Main Road Data		Grand Total - Main Road		
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data
WEATHER Fine		IN	OUT	Total	Occupancy ¹	IN					OUT					Vehicles ³	Persons	EB	WB	Vehicles
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total						
AM																				
7:00	to 8:00	6	2	8	1.00	5	1	0	6	1.20	2	0	0	2	7	8	8	19	27	
7:15	to 8:15	3	2	5	1.67	6	1	1	8	1.17	2	0	0	2	8	10	11	24	35	
7:30	to 8:30	2	3	5	2.00	5	1	1	7	1.20	3	1	0	4	8	11	11	36	47	
7:45	to 8:45	3	3	6	1.67	7	1	2	10	1.14	4	2	0	6	11	16	13	30	43	
8:00	to 9:00	3	2	5	1.67	7	1	2	10	1.14	4	2	0	6	11	16	16	34	50	
8:15	to 9:15	4	4	8	1.00	6	2	1	9	1.33	6	3	0	9	12	18	19	36	55	
8:30	to 9:30	5	5	10	1.00	6	2	1	9	1.33	7	3	0	10	13	19	23	27	50	
8:45	to 9:45	4	5	9	1.00	6	3	0	9	1.50	6	2	0	8	12	17	28	32	60	
9:00	to 10:00	3	7	10	1.00	6	3	0	9	1.50	8	4	0	12	15	21	31	32	63	
9:15	to 10:15	4	5	9	1.75	6	3	0	9	1.50	8	4	0	12	15	21	33	34	67	
9:30	to 10:30	6	3	9	2.00	7	4	0	11	1.57	8	4	1	13	17	24	34	37	71	
9:45	to 10:45	8	2	10	2.13	8	5	0	13	1.63	9	5	2	16	20	29	36	37	73	
10:00	to 11:00	8	1	9	2.13	8	6	0	14	1.75	9	5	3	17	20	31	39	42	81	
10:15	to 11:15	7	6	13	2.29	6	6	0	12	2.00	9	6	3	18	20	30	34	36	70	
10:30	to 11:30	8	8	16	2.13	7	9	0	16	2.29	9	7	2	18	22	34	29	34	63	
10:45	to 11:45	6	8	14	2.00	5	8	0	13	2.60	8	7	1	16	18	29	21	28	49	
11:00	to 12:00	8	7	15	2.13	5	9	0	14	2.80	8	7	0	15	18	29	15	21	36	
11:15	to 12:15	7	3	10	1.86	5	8	0	13	2.60	8	6	0	14	16	27	17	19	36	
11:30	to 12:30	4	2	6	1.75	3	5	0	8	2.67	8	5	0	13	13	21	17	15	32	
11:45	to 12:45	4	2	6	1.75	2	4	0	6	3.00	7	4	0	11	11	17	14	14	28	
PM																				
12:00	to 13:00	2	2	4	1.00	1	2	0	3	3.00	4	2	0	6	6	9	9	8	17	
12:15	to 13:15	1	1	2	1.00	0	1	0	1	0.00	2	1	0	3	3	4	3	3	6	
12:30	to 13:30	no data ⁴	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	
12:45	to 13:45	2	0	2	1.00	2	1	0	3	1.50	1	1	0	2	3	5	5	7	12	
13:00	to 14:00	5	1	6	1.20	6	4	0	10	1.67	2	2	0	4	9	14	11	24	35	
13:15	to 14:15	5	2	7	1.20	6	4	0	10	1.67	4	3	0	7	11	17	18	39	57	
13:30	to 14:30	5	3	8	1.20	7	4	0	11	1.57	5	3	0	8	13	19	26	53	79	
13:45	to 14:45	4	4	8	1.25	9	5	0	14	1.56	5	3	0	8	15	22	30	55	85	
14:00	to 15:00	1	5	6	1.00	5	2	0	7	1.40	6	3	0	9	11	16	31	53	84	
14:15	to 15:15	3	5	8	1.67	6	3	0	9	1.50	6	3	0	9	12	18	39	47	86	
14:30	to 15:30	4	6	10	2.00	8	5	0	13	1.63	7	4	0	11	15	24	41	56	97	
14:45	to 15:45	3	6	9	2.33	5	3	0	8	1.60	7	3	0	10	12	18	39	60	99	
15:00	to 16:00	3	5	8	2.33	5	3	0	8	1.60	6	3	0	9	11	17	45	56	101	
15:15	to 16:15	3	5	8	2.00	6	3	0	9	1.50	6	3	0	9	12	18	45	61	106	
15:30	to 16:30	5	3	8	2.00	6	3	0	9	1.50	4	2	0	6	10	15	47	47	94	
15:45	to 16:45	5	2	7	2.00	6	4	0	10	1.67	5	3	0	8	11	18	40	34	74	
16:00	to 17:00	7	4	11	1.71	9	6	0	15	1.67	6	3	0	9	15	24	44	34	78	
16:15	to 17:15	6	6	12	1.67	9	6	0	15	1.67	8	4	0	12	17	27	38	30	68	
16:30	to 17:30	4	6	10	1.00	7	4	0	11	1.57	9	4	0	13	16	24	32	35	67	
16:45	to 17:45	4	6	10	1.00	8	4	0	12	1.50	9	4	0	13	17	25	37	41	78	
17:00	to 18:00	3	4	7	1.67	7	4	0	11	1.57	8	3	0	11	15	22	21	36	57	
17:15	to 18:15	3	2	5	2.00	6	4	0	10	1.67	6	2	0	8	12	18	21	34	55	
17:30	to 18:30	3	3	6	2.00	6	4	0	10	1.67	6	3	0	9	12	19	23	25	48	
17:45	to 18:45	3	5	8	2.00	4	3	0	7	1.75	5	3	0	8	9	15	23	20	43	
18:00	to 19:00	2	4	6	1.50	2	1	0	3	1.50	5	4	0	9	7	12	28	18	46	

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Due to the fact that the surveyor felt unwell for a period of time, no data was recorded between 12:30 pm and 1:30 pm.

Table 3.19 Site S4 Riverstone Family Medical Centre, Riverstone – Hourly data – Consecutive – Monday 02/03/2015.

DATE	2 March 2015	Riverstone Family Medical Practice - 10 Pitt St, Riverstone 2765														Grand Total		Main Road Data ⁵		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine						IN					OUT										
TIME		IN	OUT	Total	Occupancy ¹	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	EB	WB	Vehicles		
AM																					
7:00	to 8:00	6	2	8	1.00	5	1	0	6	1.20	2	0	0	2	7	8	8	19	27		
8:00	to 9:00	3	2	5	1.67	7	1	2	10	1.14	4	2	0	6	11	16	16	34	50		
9:00	to 10:00	3	7	10	1.00	6	3	0	9	1.50	8	4	0	12	15	21	31	32	63		
10:00	to 11:00	8	1	9	2.13	8	6	0	14	1.75	9	5	3	17	20	31	39	42	81		
11:00	to 12:00	8	7	15	2.13	5	9	0	14	2.80	8	7	0	15	18	29	15	21	36		
PM																					
12:00	to 13:00	2	2	4	1.00	1	2	0	3	3.00	4	2	0	6	6	9	9	8	17		
13:00	to 14:00	5	1	6	1.20	6	4	0	10	1.67	2	2	0	4	9	14	11	24	35		
14:00	to 15:00	1	5	6	1.00	5	2	0	7	1.40	6	3	0	9	11	16	31	53	84		
15:00	to 16:00	3	5	8	2.33	5	3	0	8	1.60	6	3	0	9	11	17	45	56	101		
16:00	to 17:00	7	4	11	1.71	9	6	0	15	1.67	6	3	0	9	15	24	44	34	78		
17:00	to 18:00	3	4	7	1.67	7	4	0	11	1.57	8	3	0	11	15	22	21	36	57		
18:00	to 19:00	2	4	6	1.50	2	1	0	3	1.50	5	4	0	9	7	12	28	18	46		
Total		51	44	95	1.65	66	42	2	110	1.64	68	38	3	109	145	219	298	377	675		

Table 3.20 Site S4 Riverstone Family Medical Centre, Riverstone – Travel mode – Monday 02/03/2015.

DATE 2 March 2015	Riverstone Family Medical Practice - 10 Pitt St, Riverstone 2765													
Average group size (people)	Average duration of stay (hrs)	Travel Mode												
			Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other	
1.49	0:45	IN	Total	56	34	7	0	0	1	0	0	0	2	0
			%	56.0	34.0	7.0	0.0	0.0	1.0	0.0	0.0	0.0	2.0	0.0
		OUT	Total	54	31	7	0	0	0	0	0	2	0	
			%	57.4	33.0	7.4	0.0	0.0	0.0	0.0	0.0	2.1	0.0	

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² The number of incoming trips in Figure 3.27 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

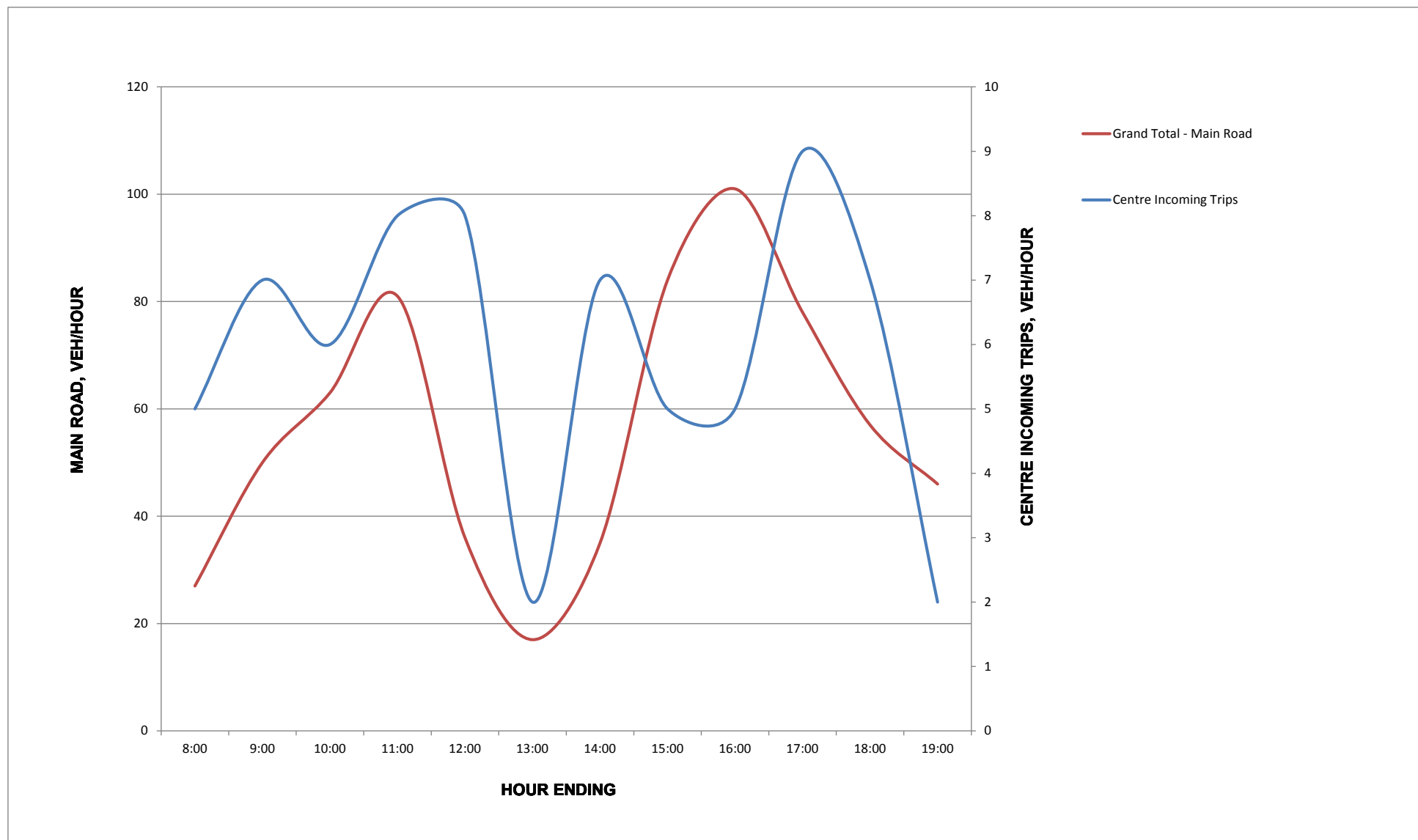


Figure 3.5 Site S4 Riverstone Family Medical Centre, Riverstone – Hourly trip distribution – Vehicles – Monday 02/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.6 Site S5 Dural Medical Centre, Dural NSW 2158 – Thursday 05/03/2015

Table 3.21 Site S5 Dural Medical Centre, Dural – Survey Results – 15-minute interval data – Thursday 05/03/2015.

DATE	5 March 2015	Dural Medical Centre - 535 Galston Rd, Dural NSW 2158													Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand			
15 minute Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data	15 minute Data		
WEATHER		Fine				IN					OUT												
TIME		IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	NB	SB	Vehicles	Car Park	On Street	Total ⁴	
AM																							
7:00	to 7:15	1	0	1	1.00	1	0	0	1	1.00	0	0	0	0	1	1	161	228		389	3	0	3
7:15	to 7:30	1	0	1	1.00	1	0	0	1	1.00	0	0	0	0	1	1	173	252		425	4	0	4
7:30	to 7:45	6	1	7	1.00	4	2	0	6	1.50	0	0	1	1	4	7	169	233		402	7	2	9
7:45	to 8:00	11	3	14	1.27	9	5	0	14	1.56	0	0	3	3	9	17	201	268		469	7	10	17
8:00	to 8:15	3	4	7	1.33	3	2	0	5	1.67	0	0	5	5	3	10	190	295		485	7	9	16
8:15	to 8:30	3	6	9	1.00	3	1	0	4	1.33	0	0	6	6	3	10	194	300	494	7	6	13	
8:30	to 8:45	4	2	6	1.00	3	1	0	4	1.33	0	0	4	4	3	8	179	254	433	7	8	15	
8:45	to 9:00	5	5	10	1.40	6	3	0	9	1.50	0	0	8	8	6	17	195	253		448	7	8	15
9:00	to 9:15	8	6	14	1.63	7	2	0	9	1.29	5	2	0	7	12	16	149	262		411	7	10	17
9:15	to 9:30	3	2	5	1.00	3	1	0	4	1.33	4	2	0	6	7	10	172	230		402	7	11	18
9:30	to 9:45	5	4	9	1.00	5	2	0	7	1.40	4	1	0	5	9	12	147	176		323	7	12	19
9:45	to 10:00	4	4	8	1.25	5	2	0	7	1.40	3	1	0	4	8	11	172	189		361	7	12	19
10:00	to 10:15	3	8	11	1.00	4	1	0	5	1.25	8	3	0	11	12	16	160	211		371	7	15	22
10:15	to 10:30	6	5	11	1.50	7	2	0	9	1.29	4	2	0	6	11	15	156	209		365	7	16	23
10:30	to 10:45	2	3	5	1.00	2	1	0	3	1.50	4	1	0	5	6	8	150	182		332	7	15	22
10:45	to 11:00	4	4	8	1.75	2	1	0	3	1.50	3	1	0	4	5	7	185	188		373	7	15	22
11:00	to 11:15	1	5	6	1.00	1	0	0	1	1.00	4	2	0	6	6	7	149	168		317	7	11	18
11:15	to 11:30	2	2	4	1.00	1	1	0	2	2.00	2	1	0	3	4	5	185	177		362	7	11	18
11:30	to 11:45	7	3	10	1.43	6	3	0	9	1.50	2	1	0	3	9	12	152	161		313	7	15	22
11:45	to 12:00	3	5	8	1.33	4	2	0	6	1.50	3	2	0	5	9	11	174	166		340	7	13	20
PM																							
12:00	to 12:15	2	4	6	1.00	1	1	0	2	2.00	3	1	0	4	5	6	200	193		393	7	11	18
12:15	to 12:30	3	5	8	1.00	2	1	0	3	1.50	5	3	0	8	8	11	171	205		376	7	9	16
12:30	to 12:45	1	1	2	1.00	1	0	0	1	1.00	1	1	0	2	3	3	176	193		369	7	9	16
12:45	to 13:00	0	2	2	0.00	0	0	0	0	0.00	1	1	0	2	2	2	159	148		307	7	7	14
13:00	to 13:15	1	0	1	1.00	1	0	0	1	1.00	0	0	0	0	1	1	160	156		316	7	8	15
13:15	to 13:30	1	6	7	2.00	1	0	0	1	1.00	5	2	0	7	6	8	132	190		322	7	3	10
13:30	to 13:45	2	0	2	1.50	3	1	0	4	1.33	0	0	0	0	3	4	164	177		341	7	5	12
13:45	to 14:00	1	0	1	1.00	1	0	0	1	1.00	0	0	0	0	1	1	149	152		301	7	6	13
14:00	to 14:15	4	1	5	1.75	2	1	0	3	1.50	1	0	0	1	3	4	143	186		329	7	9	16
14:15	to 14:30	4	2	6	1.00	5	1	0	6	1.20	2	1	0	3	7	9	167	221		388	7	11	18
14:30	to 14:45	2	4	6	1.00	2	0	0	2	1.00	3	1	0	4	5	6	154	204		358	7	9	16
14:45	to 15:00	6	3	9	1.00	5	1	0	6	1.20	2	1	0	3	7	9	169	214		383	7	12	19
15:00	to 15:15	2	4	6	1.00	2	1	0	3	1.50	4	2	0	6	7	9	169	232		401	7	10	17
15:15	to 15:30	4	3	7	2.00	5	3	0	8	1.60	2	1	0	3	8	11	179	270		449	7	11	18
15:30	to 15:45	3	3	6	1.33	2	1	0	3	1.50	3	1	0	4	5	7	258	204		462	7	11	18
15:45	to 16:00	4	7	11	2.00	6	3	0	9	1.50	9	3	0	12	17	21	183	205		388	7	8	15
16:00	to 16:15	2	0	2	1.00	2	1	0	3	1.50	0	0	0	0	2	3	278	225	503	7	10	17	
16:15	to 16:30	6	6	12	1.33	5	2	0	7	1.40	5	2	0	7	11	14	221	248		469	7	10	17
16:30	to 16:45	5	4	9	1.20	3	2	0	5	1.67	4	1	0	5	8	10	238	236		474	7	11	18
16:45	to 17:00	3	5	8	1.33	4	2	0	6	1.50	3	1	0	4	8	10	240	218		458	7	9	16
17:00	to 17:15	3	3	6	1.00	2	0	0	2	1.00	2	1	0	3	4	5	216	204		420	7	9	16
17:15	to 17:30	1	1	2	1.00	1	0	0	1	1.00	1	1	0	2	2	3	230	235		465	7	9	16
17:30	to 17:45	1	5	6	1.00	3	0	0	3	1.00	4	1	0	5	7	8	228	212		440	7	5	12
17:45	to 18:00	1	2	3	1.00	1	0	0	1	1.00	2	1	0	3	3	4	212	189		401	7	4	11
18:00	to 18:15	0	2	2	0.00	0	0	0	0	0.00	1	1	0	2	1	2	224	162		386	7	2	9
18:15	to 18:30	0	1	1	0.00	0	0	0	0	0.00	1	0	0	1	1	1	242	151		393	7	1	8
18:30	to 18:45	0	1	1	0.00	0	0	0	0	0.00	1	0	0	1	1	1	190	154		344	7	0	7
18:45	to 19:00	0	1	1	0.00	0	0	0	0	0.00	1	0	0	1	1	1	220	146		366	6	0	6
TOTAL		144	148	292	1.20	137	53	0	190	1.37	112	46	27	185	265	375	8885	9932	18817	Total Car Park Spaces - 7			

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.22 Site S5 Dural Medical Centre, Dural – Survey Results – Hourly data – rolling at 15 minute intervals – Thursday 05/03/2015.

DATE	5 March 2015	Dural Medical Centre - 535 Galston Rd, Dural NSW 2158														Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine		IN	OUT	Total	Occupancy ¹	IN				OUT				Vehicles ³	Persons	NB	SB	Vehicles			
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total		
AM																					
7:00	to 8:00	19	4	23	1.16	15	7	0	22	1.47	0	0	4	4	15	26	704	981	1685		
7:15	to 8:15	21	8	29	1.19	17	9	0	26	1.53	0	0	9	9	17	35	733	1048	1781		
7:30	to 8:30	23	14	37	1.17	19	10	0	29	1.53	0	0	15	15	19	44	754	1096	1850		
7:45	to 8:45	21	15	36	1.19	18	9	0	27	1.50	0	0	18	18	18	45	764	1117	1881		
8:00	to 9:00	15	17	32	1.20	15	7	0	22	1.47	0	0	23	23	15	45	758	1102	1860		
8:15	to 9:15	20	19	39	1.35	19	7	0	26	1.37	5	2	18	25	24	51	717	1069	1786		
8:30	to 9:30	20	15	35	1.35	19	7	0	26	1.37	9	4	12	25	28	51	695	999	1694		
8:45	to 9:45	21	17	38	1.33	21	8	0	29	1.38	13	5	8	26	34	55	663	921	1584		
9:00	to 10:00	20	16	36	1.30	20	7	0	27	1.35	16	6	0	22	36	49	640	857	1497		
9:15	to 10:15	15	18	33	1.07	17	6	0	23	1.35	19	7	0	26	36	49	651	806	1457		
9:30	to 10:30	18	21	39	1.22	21	7	0	28	1.33	19	7	0	26	40	54	635	785	1420		
9:45	to 10:45	15	20	35	1.27	18	6	0	24	1.33	19	7	0	26	37	50	638	791	1429		
10:00	to 11:00	15	20	35	1.40	15	5	0	20	1.33	19	7	0	26	34	46	651	790	1441		
10:15	to 11:15	13	17	30	1.46	12	4	0	16	1.33	15	6	0	21	28	37	640	747	1387		
10:30	to 11:30	9	14	23	1.33	6	3	0	9	1.50	13	5	0	18	21	27	669	715	1384		
10:45	to 11:45	14	14	28	1.43	10	5	0	15	1.50	11	5	0	16	24	31	671	694	1365		
11:00	to 12:00	13	15	28	1.31	12	6	0	18	1.50	11	6	0	17	28	35	660	672	1332		
11:15	to 12:15	14	14	28	1.29	12	7	0	19	1.58	10	5	0	15	22	34	711	697	1408		
11:30	to 12:30	15	17	32	1.27	13	7	0	20	1.54	13	7	0	20	23	40	697	725	1422		
11:45	to 12:45	9	15	24	1.11	8	4	0	12	1.50	12	7	0	19	22	31	721	757	1478		
PM																					
12:00	to 13:00	6	12	18	1.00	4	2	0	6	1.50	10	6	0	16	18	22	706	739	1445		
12:15	to 13:15	5	8	13	1.00	4	1	0	5	1.25	7	5	0	12	14	17	666	702	1368		
12:30	to 13:30	3	9	12	1.33	3	0	0	3	1.00	7	4	0	11	12	14	627	687	1314		
12:45	to 13:45	4	8	12	1.50	5	1	0	6	1.20	6	3	0	9	12	15	615	671	1286		
13:00	to 14:00	5	6	11	1.40	6	1	0	7	1.17	5	2	0	7	11	14	605	675	1280		
13:15	to 14:15	8	7	15	1.63	7	2	0	9	1.29	6	2	0	8	13	17	588	705	1293		
13:30	to 14:30	11	3	14	1.36	11	3	0	14	1.27	3	1	0	4	14	18	623	736	1359		
13:45	to 14:45	11	7	18	1.27	10	2	0	12	1.20	6	2	0	8	16	20	613	763	1376		
14:00	to 15:00	16	10	26	1.19	14	3	0	17	1.21	8	3	0	11	22	28	633	825	1458		
14:15	to 15:15	14	13	27	1.00	14	3	0	17	1.21	11	5	0	16	26	33	659	871	1530		
14:30	to 15:30	14	14	28	1.29	14	5	0	19	1.36	11	5	0	16	27	35	671	920	1591		
14:45	to 15:45	15	13	28	1.33	14	6	0	20	1.43	11	5	0	16	27	36	775	920	1695		
15:00	to 16:00	13	17	30	1.69	15	8	0	23	1.53	18	7	0	25	37	48	789	911	1700		
15:15	to 16:15	13	13	26	1.69	15	8	0	23	1.53	14	5	0	19	32	42	898	904	1802		
15:30	to 16:30	15	16	31	1.47	15	7	0	22	1.47	17	6	0	23	35	45	940	882	1822		
15:45	to 16:45	17	17	34	1.41	16	8	0	24	1.50	18	6	0	24	38	48	920	914	1834		
16:00	to 17:00	16	15	31	1.25	14	7	0	21	1.50	12	4	0	16	29	37	977	927	1904		
16:15	to 17:15	17	18	35	1.24	14	6	0	20	1.43	14	5	0	19	31	39	915	906	1821		
16:30	to 17:30	12	13	25	1.17	10	4	0	14	1.40	10	4	0	14	22	28	924	893	1817		
16:45	to 17:45	8	14	22	1.13	10	2	0	12	1.20	10	4	0	14	21	26	914	869	1783		
17:00	to 18:00	6	11	17	1.00	7	0	0	7	1.00	9	4	0	13	16	20	886	840	1726		
17:15	to 18:15	3	10	13	1.00	5	0	0	5	1.00	8	4	0	12	13	17	894	798	1692		
17:30	to 18:30	2	10	12	1.00	4	0	0	4	1.00	8	3	0	11	12	15	906	714	1620		
17:45	to 18:45	1	6	7	1.00	1	0	0	1	1.00	5	2	0	7	6	8	868	656	1524		
18:00	to 19:00	0	5	5	0.00	0	0	0	0	0.00	4	1	0	5	4	5	876	613	1489		

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.23 Site S5 Dural Medical Centre, Dural – Hourly data – Consecutive – Thursday 05/03/2015.

DATE 5 March 2015	Dural Medical Centre - 535 Galston Rd, Dural NSW 2158													
1-hour Data	Vehicles (activity at the car park)							Persons (observed and interviewed at the medical centre)						
WEATHER Fine					IN				OUT					
TIME	IN	OUT	Total	Occupancy ¹	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	
AM														
7:00 to 8:00	19	4	23	1.16	15	7	0	22	1.47	0	0	4	4	
8:00 to 9:00	15	17	32	1.20	15	7	0	22	1.47	0	0	23	23	
9:00 to 10:00	20	16	36	1.30	20	7	0	27	1.35	16	6	0	22	
10:00 to 11:00	15	20	35	1.40	15	5	0	20	1.33	19	7	0	26	
11:00 to 12:00	13	15	28	1.31	12	6	0	18	1.50	11	6	0	17	
PM														
12:00 to 13:00	6	12	18	1.00	4	2	0	6	1.50	10	6	0	16	
13:00 to 14:00	5	6	11	1.40	6	1	0	7	1.17	5	2	0	7	
14:00 to 15:00	16	10	26	1.19	14	3	0	17	1.21	8	3	0	11	
15:00 to 16:00	13	17	30	1.69	15	8	0	23	1.53	18	7	0	25	
16:00 to 17:00	16	15	31	1.25	14	7	0	21	1.50	12	4	0	16	
17:00 to 18:00	6	11	17	1.00	7	0	0	7	1.00	9	4	0	13	
18:00 to 19:00	0	5	5	0.00	0	0	0	0	0.00	4	1	0	5	
Total	144	148	292	1.20	137	53	0	190	1.39	112	46	27	185	

Grand Total	
1-hour Data	
Vehicles ⁴	Persons
15	26
15	45
36	49
34	46
28	35
18	22
11	14
22	28
37	48
29	37
16	20
4	5
265	375

Main Road Data ⁵	
1-hour Data	
NB	SB
704	981
758	1102
640	857
651	790
660	672
706	739
605	675
633	825
789	911
977	927
886	840
876	613
8885	9932

Grand Total - Main Road	
1-hour Data	
Vehicles	
1685	
1860	
1497	
1441	
1332	
1445	
1280	
1458	
1700	
1904	
1726	
1489	
18817	

Table 3.24 Site S5 Dural Medical Centre, Dural – Travel mode – Thursday 05/03/2015.

DATE 5 March 2015	Dural Medical Centre - 535 Galston Rd, Dural NSW 2158													
Average group size (people)	Average duration of stay (hrs)	Travel Mode												
		Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other		
1.36	0:29	IN	Total	71	24	4	0	0	0	0	0	0	0	0
			%	71.7	24.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OUT	Total	71	24	4	0	0	0	0	0	0	0	0
			%	71.7	24.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² The number of incoming trips in Figure 3.28 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

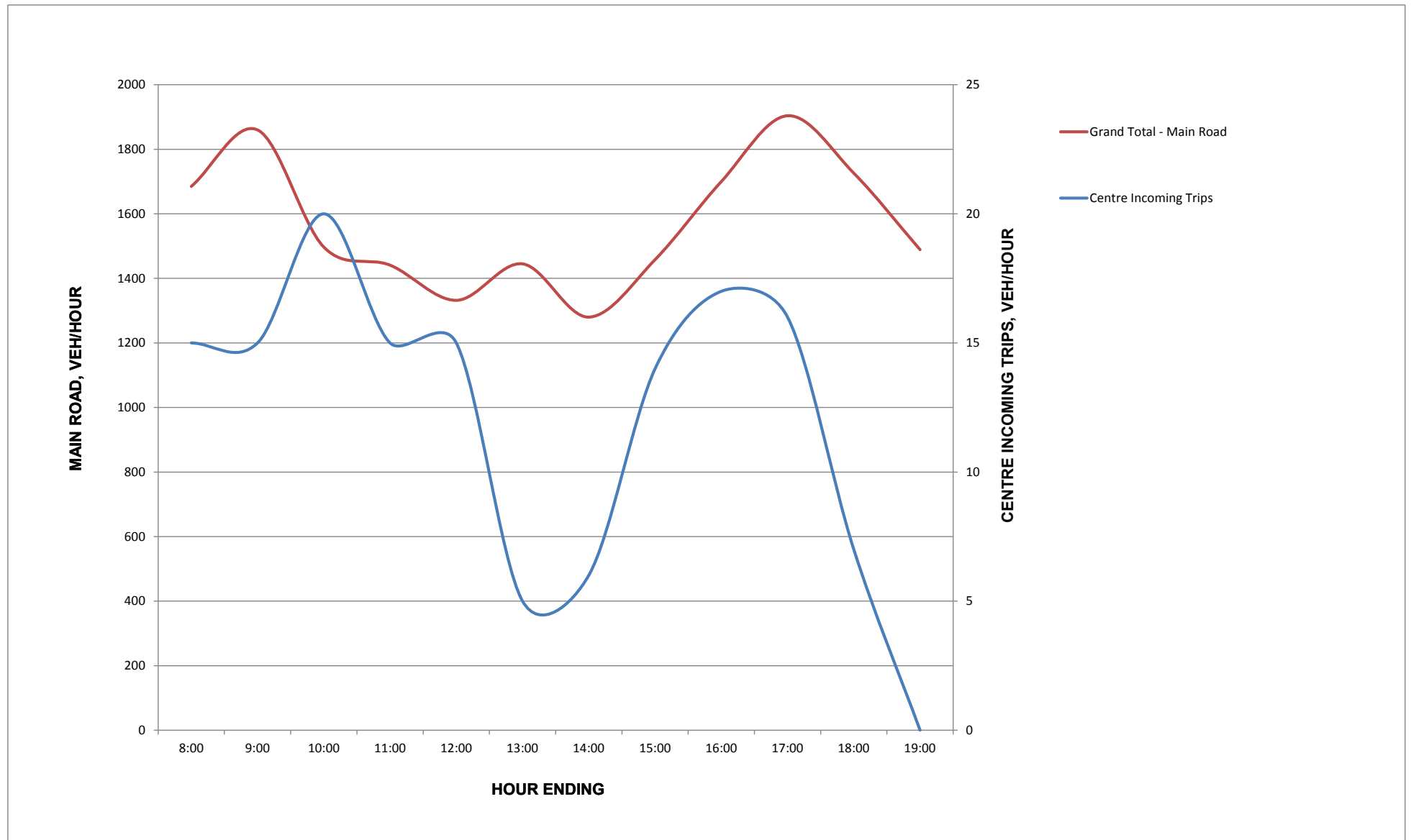


Figure 3.6 Site S5 Dural Medical Centre, Dural – Hourly trip distribution – Vehicles – Thursday 05/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.7 Site S5 Dural Medical Centre, Dural NSW 2158 – Saturday 07/03/2015

Table 3.25 Site S5 Dural Medical Centre, Dural – Survey Results – 15-minute interval data – Saturday 07/03/2015.

DATE	7 March 2015	Dural Medical Centre - 535 Galston Rd, Dural NSW 2158													Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand			
	15 minute Data	Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data	15 minute Data		
WEATHER	Fine					IN					OUT												
TIME		IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total			NB	SB	Vehicles	Car Park	On Street	Total ⁴	
AM																							
7:00	to 7:15	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	162	228	390	2	0	2
7:15	to 7:30	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	174	252	426	2	0	2
7:30	to 7:45	1	0	1	1.00	1	0	0	1	1.00	0	0	0	0	0	0	1	171	234	405	3	0	3
7:45	to 8:00	3	0	3	1.00	2	1	0	3	1.50	0	0	0	0	0	0	3	200	270	470	6	0	6
8:00	to 8:15	0	1	1	0.00	0	0	0	0	0.00	1	0	0	1	1	1	188	296	484	6	0	6	
8:15	to 8:30	2	2	4	2.00	3	1	1	5	1.33	2	0	0	2	2	4	191	200	391	6	0	6	
8:30	to 8:45	0	0	0	0.00	0	0	0	0	0.00	2	0	0	2	2	0	180	257	437	6	0	6	
8:45	to 9:00	4	2	6	1.50	5	2	1	8	1.40	4	0	1	5	5	6	196	254	450	7	1	8	
9:00	to 9:15	1	1	2	1.00	1	0	0	1	1.00	1	1	0	2	2	2	149	261	410	7	1	8	
9:15	to 9:30	2	1	3	1.00	1	1	0	2	2.00	1	1	0	2	2	3	171	228	399	7	2	9	
9:30	to 9:45	1	2	3	1.00	1	0	0	1	1.00	1	1	0	2	2	3	151	177	328	7	1	8	
9:45	to 10:00	2	1	3	2.50	3	2	0	5	1.67	0	0	0	0	0	3	170	190	360	7	2	9	
10:00	to 10:15	3	2	5	2.33	3	2	0	5	1.67	1	0	0	1	1	5	158	210	368	7	3	10	
10:15	to 10:30	1	3	4	2.00	1	1	0	2	2.00	0	0	0	0	0	4	156	208	364	7	1	8	
10:30	to 10:45	3	2	5	2.33	1	0	0	1	1.00	1	0	0	1	1	5	148	179	327	7	2	9	
10:45	to 11:00	1	3	4	1.00	2	1	0	3	1.50	1	0	0	1	1	4	184	185	369	7	0	7	
11:00	to 11:15	2	0	2	1.50	1	1	0	2	2.00	1	0	0	1	1	2	150	168	318	7	2	9	
11:15	to 11:30	2	1	3	1.50	2	1	0	3	1.50	1	0	0	1	1	3	185	177	362	7	3	10	
11:30	to 11:45	3	1	4	1.67	3	2	0	5	1.67	1	0	0	1	1	4	149	161	310	7	5	12	
11:45	to 12:00	2	1	3	3.00	3	3	0	6	2.00	0	0	0	0	0	3	172	161	333	7	6	13	
PM																							
12:00	to 12:15	3	2	5	1.67	2	2	0	4	2.00	1	0	0	1	1	5	202	190	392	7	7	14	
12:15	to 12:30	2	5	7	1.00	2	1	0	3	1.50	1	1	0	2	2	7	171	196	367	7	4	11	
12:30	to 12:45	0	1	1	0.00	0	0	0	0	0.00	2	2	0	4	4	1	176	192	368	7	3	10	
12:45	to 13:00	2	2	4	1.50	1	1	0	2	2.00	2	1	0	3	3	4	156	144	300	7	3	10	
13:00	to 13:15	2	1	3	2.00	2	2	0	4	2.00	1	1	0	2	2	3	159	152	311	7	4	11	
13:15	to 13:30	1	3	4	1.00	1	0	0	1	1.00	2	2	0	4	4	5	132	184	316	7	2	9	
TOTAL		43	37	80	1.60	41	24	2	67	1.56	27	10	1	38	38	80	105	4401	5354	9755	Total Car Park Spaces - 7		

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.26 Site S5 Dural Medical Centre, Dural – Survey Results – Hourly data – rolling at 15 minute intervals – Saturday 07/03/2015.

DATE 7 March 2015		Dural Medical Centre - 535 Galston Rd, Dural NSW 2158													Grand Total		Main Road Data		Grand Total - Main Road
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)									1-hour Data		1-hour Data		1-hour Data
WEATHER Fine		IN	OUT	Total	Occupancy ¹	IN				OUT					Vehicles ³	Persons	NB	SB	Vehicles
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total					
AM																			
7:00	to 8:00	4	0	4	1.00	3	1	0	4	1.33	0	0	0	0	4	4	707	984	1691
7:15	to 8:15	4	1	5	1.00	3	1	0	4	1.33	1	0	0	1	5	5	733	1052	1785
7:30	to 8:30	6	3	9	1.33	6	2	1	9	1.33	3	0	0	3	9	12	750	1000	1750
7:45	to 8:45	5	3	8	1.40	5	2	1	8	1.40	5	0	0	5	8	13	759	1023	1782
8:00	to 9:00	6	5	11	1.67	8	3	2	13	1.38	9	0	1	10	11	23	755	1007	1762
8:15	to 9:15	7	5	12	1.57	9	3	2	14	1.33	9	1	1	11	12	25	716	972	1688
8:30	to 9:30	7	4	11	1.29	7	3	1	11	1.43	8	2	1	11	11	22	696	1000	1696
8:45	to 9:45	8	6	14	1.25	8	3	1	12	1.38	7	3	1	11	14	23	667	920	1587
9:00	to 10:00	6	5	11	1.50	6	3	0	9	1.50	3	3	0	6	11	15	641	856	1497
9:15	to 10:15	8	6	14	1.88	8	5	0	13	1.63	3	2	0	5	14	18	650	805	1455
9:30	to 10:30	7	8	15	2.14	8	5	0	13	1.63	2	1	0	3	15	16	635	785	1420
9:45	to 10:45	9	8	17	2.33	8	5	0	13	1.63	2	0	0	2	17	15	632	787	1419
10:00	to 11:00	8	10	18	2.13	7	4	0	11	1.57	3	0	0	3	18	14	646	782	1428
10:15	to 11:15	7	8	15	1.86	5	3	0	8	1.60	3	0	0	3	15	11	638	740	1378
10:30	to 11:30	8	6	14	1.75	6	3	0	9	1.50	4	0	0	4	14	13	667	709	1376
10:45	to 11:45	8	5	13	1.50	8	5	0	13	1.63	4	0	0	4	13	17	668	691	1359
11:00	to 12:00	9	3	12	1.89	9	7	0	16	1.78	3	0	0	3	12	19	656	667	1323
11:15	to 12:15	10	5	15	1.90	10	8	0	18	1.80	3	0	0	3	15	21	708	689	1397
11:30	to 12:30	10	9	19	1.80	10	8	0	18	1.80	3	1	0	4	19	22	694	708	1402
11:45	to 12:45	7	9	16	1.86	7	6	0	13	1.86	4	3	0	7	16	20	721	739	1460
PM																			
12:00	to 13:00	7	10	17	1.43	5	4	0	9	1.80	6	4	0	10	17	19	705	722	1427
12:15	to 13:15	6	9	15	1.50	5	4	0	9	1.80	6	5	0	11	15	20	662	684	1346
12:30	to 13:30	5	7	12	1.60	4	3	0	7	1.75	7	6	0	13	12	20	623	672	1295
12:45	to 13:45	5	6	11	1.60	4	3	0	7	1.75	5	4	0	9	11	16	447	480	927
13:00	to 14:00	3	4	7	1.67	3	2	0	5	1.67	3	3	0	6	7	11	291	336	627
13:15	to 14:15	1	3	4	1.00	1	0	0	1	1.00	2	2	0	4	4	5	132	184	316

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.27 Site S5 Dural Medical Centre, Dural – Hourly data – Consecutive – Saturday 07/03/2015.

DATE 7 March 2015	Dural Medical Centre - 535 Galston Rd, Dural NSW 2158												
1-hour Data	Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)								
WEATHER Fine					IN					OUT			
TIME	IN	OUT	Total	Occupancy ¹	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total
AM													
7:00 to 8:00	4	0	4	1.00	3	1	0	4	1.33	0	0	0	0
8:00 to 9:00	6	5	11	1.67	8	3	2	13	1.38	9	0	1	10
9:00 to 10:00	6	5	11	1.50	6	3	0	9	1.50	3	3	0	6
10:00 to 11:00	8	10	18	2.13	7	4	0	11	1.57	3	0	0	3
11:00 to 12:00	9	3	12	1.89	9	7	0	16	1.78	3	0	0	3
PM													
12:00 to 13:00	7	10	17	1.43	5	4	0	9	1.80	6	4	0	10
13:00 to 14:00	3	4	7	1.67	3	2	0	5	1.67	3	3	0	6
Total	43	37	80	1.60	41	24	2	67	1.59	27	10	1	38

Grand Total	
1-hour Data	
Vehicles ⁴	Persons
4	4
11	23
11	15
18	14
12	19
17	19
7	11
80	105

Main Road Data ⁵	
1-hour Data	
NB	SB
707	984
755	1007
641	856
646	782
656	667
705	722
291	336
4401	5354

Grand Total - Main Road	
1-hour Data	
Vehicles	
1691	
1762	
1497	
1428	
1323	
1427	
627	
9755	

Table 3.28 Site S5 Dural Medical Centre, Dural – Travel mode – Saturday 07/03/2015.

DATE 7 March 2015	Dural Medical Centre - 535 Galston Rd, Dural NSW 2158												
Average group size (people)	Average duration of stay (hrs)	Travel Mode											
			Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.73	0:37	IN	Total	29	22	0	0	0	0	0	0	0	1
			%	55.8	42.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
		OUT	Total	29	22	0	0	0	0	0	0	0	1
			%	55.8	42.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² The number of incoming trips in Figure 3.29 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

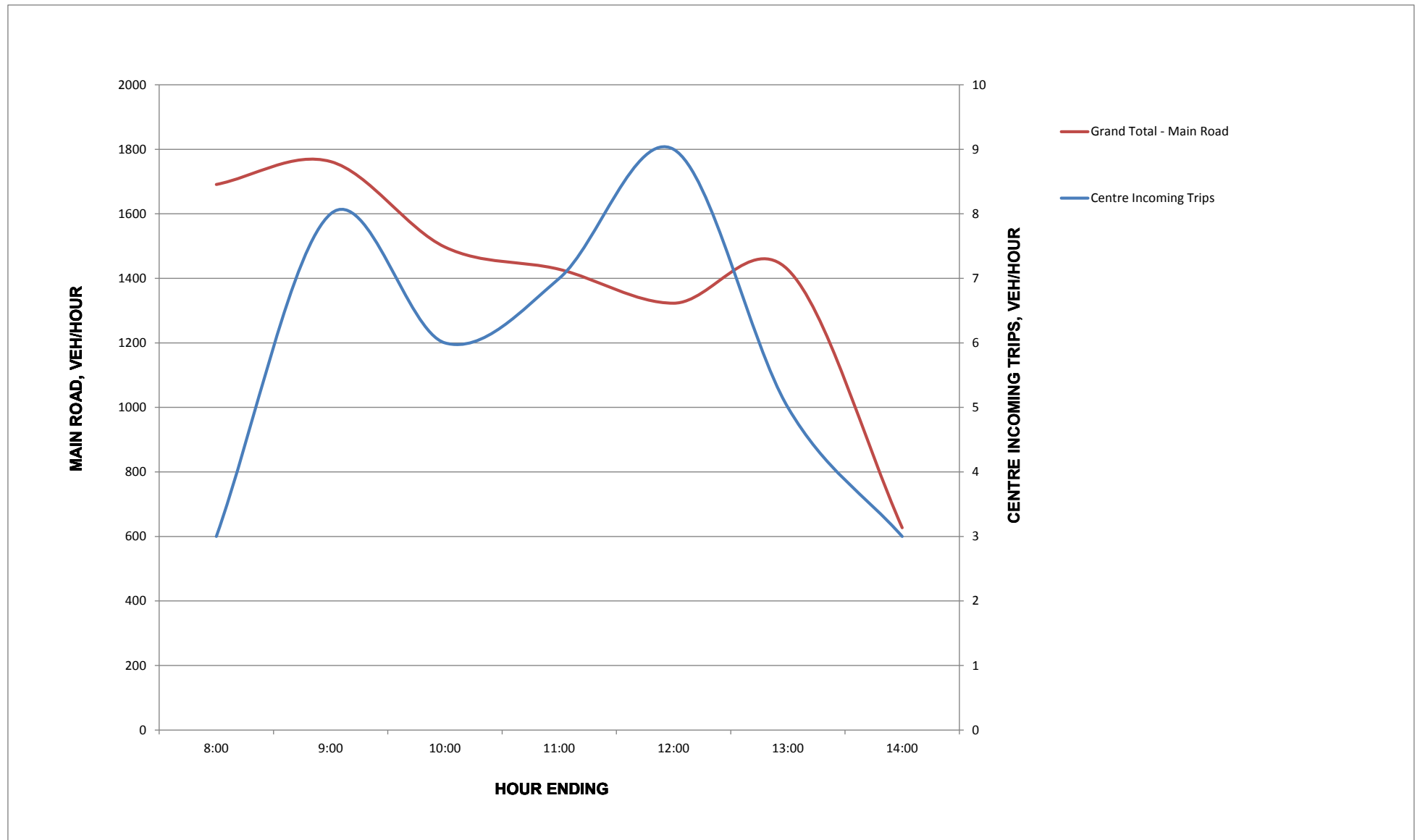


Figure 3.7 Site S5 Dural Medical Centre, Dural – Hourly trip distribution – Vehicles – Saturday 07/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.8 Site S6 Hunters Hill Medical Practice, Hunters Hill NSW 2110 – Friday 13/03/2015

Table 3.29 Site S6 Hunters Hill Medical Practice, Hunters Hill – Survey Results – 15-minute interval data – Friday 13/03/2015.

DATE	13 March 2015	Hunters Hill Medical Practice - 6 Ryde Road, Hunters Hill NSW 2110													Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand		
15 minute Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)									15 minute Data		15 minute Data		15 minute Data	15 minute Data		
WEATHER Rain						IN					OUT											
TIME		IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	EB	WB	Vehicles	Car Park	On Street	Total ⁴
AM																						
7:30	to 7:45	3	2	5	1.00	0	0	0	0	0.00	0	0	0	0	0	0	2	3	5	4	0	4
7:45	to 8:00	3	0	3	1.33	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	7	0	7
8:00	to 8:15	3	3	6	1.67	7	3	2	12	1.43	2	2	0	4	11	16	1	1	2	7	0	7
8:15	to 8:30	3	2	5	1.00	3	2	1	6	1.67	3	3	0	6	8	12	2	1	3	8	0	8
8:30	to 8:45	1	0	1	1.00	5	2	1	8	1.40	2	2	0	4	8	12	2	5	7	9	0	9
8:45	to 9:00	3	4	7	1.00	3	1	1	5	1.33	3	2	0	5	6	10	2	5	7	8	0	8
9:00	to 9:15	3	4	7	1.33	3	2	0	5	1.67	1	1	1	3	4	8	1	3	4	7	1	8
9:15	to 9:30	5	3	8	1.60	6	4	0	10	1.67	3	3	0	6	9	16	1	2	3	9	1	10
9:30	to 9:45	2	2	4	1.50	10	6	0	16	1.60	0	0	1	1	10	17	7	2	9	2	11	
9:45	to 10:00	4	1	5	1.25	2	1	1	4	1.50	1	1	1	3	3	7	2	1	3	12	4	16
10:00	to 10:15	2	6	8	1.50	5	3	0	8	1.60	5	5	2	12	10	20	0	2	2	8	12	20
10:15	to 10:30	5	5	10	1.80	5	3	0	8	1.60	5	5	1	11	10	19	0	2	2	8	14	22
10:30	to 10:45	3	3	6	2.00	6	4	0	10	1.67	2	2	1	5	8	15	0	1	1	8	17	25
10:45	to 11:00	4	1	5	1.25	2	1	1	4	1.50	1	1	1	3	3	7	1	1	2	11	14	25
11:00	to 11:15	5	2	7	1.40	6	4	0	10	1.67	5	3	0	8	11	18	2	4	6	14	11	25
11:15	to 11:30	4	1	5	1.00	5	3	0	8	1.60	5	2	0	7	10	15	4	3	7	17	8	25
11:30	to 11:45	1	4	5	1.00	2	1	0	3	1.50	7	4	0	11	9	14	0	2	2	14	11	25
11:45	to 12:00	2	4	6	1.50	4	3	0	7	1.75	6	3	0	9	10	16	0	1	1	12	15	27
PM																						
12:00	to 12:15	3	1	4	1.67	4	2	0	6	1.50	3	1	0	4	7	10	2	0	2	14	11	25
12:15	to 12:30	3	8	11	1.00	3	2	0	5	1.67	5	2	0	7	8	12	3	3	6	9	13	22
12:30	to 12:45	2	2	4	1.00	1	1	0	2	2.00	1	1	0	2	2	4	1	1	2	9	11	20
12:45	to 13:00	2	1	3	1.00	1	1	0	2	2.00	3	2	0	5	4	7	0	2	2	10	8	18
13:00	to 13:15	1	2	3	1.00	1	0	0	1	1.00	2	2	0	4	3	5	0	2	2	9	8	17
13:15	to 13:30	2	1	3	1.50	2	1	0	3	1.50	0	0	0	0	2	3	0	1	1	10	6	16
13:30	to 13:45	3	1	4	1.33	4	2	0	6	1.50	1	0	0	1	5	7	1	4	5	12	3	15
13:45	to 14:00	1	0	1	1.00	2	1	0	3	1.50	2	2	0	4	4	7	0	1	1	13	1	14
14:00	to 14:15	5	3	8	1.80	5	2	0	7	1.40	3	2	0	5	8	12	0	1	1	15	0	15
14:15	to 14:30	2	5	7	1.00	3	1	0	4	1.33	4	3	0	7	7	11	0	1	1	12	3	15
14:30	to 14:45	3	2	5	1.00	3	2	0	5	1.67	4	3	0	7	7	12	0	4	4	13	3	16
14:45	to 15:00	4	6	10	1.25	3	2	0	5	1.67	2	2	0	4	5	9	0	1	1	11	4	15
15:00	to 15:15	1	1	2	1.00	3	2	0	5	1.67	1	0	0	1	4	6	0	1	1	11	2	13
15:15	to 15:30	1	3	4	1.00	2	1	0	3	1.50	3	2	0	5	5	8	0	3	3	9	5	14
15:30	to 15:45	5	3	8	1.20	5	3	0	8	1.60	4	2	1	7	10	15	1	4	5	11	3	14
15:45	to 16:00	2	4	6	1.00	5	3	1	9	1.60	6	4	0	10	11	19	1	1	2	9	5	14
16:00	to 16:15	1	0	1	1.00	3	2	0	5	1.67	4	2	0	6	7	11	2	4	6	10	3	13
16:15	to 16:30	1	3	4	3.00	2	1	0	3	1.50	5	3	0	8	7	11	1	2	3	8	3	11
16:30	to 16:45	1	1	2	2.00	1	1	0	2	2.00	1	1	0	2	2	4	0	0	0	8	0	8
16:45	to 17:00	2	3	5	1.50	3	2	1	6	1.67	4	2	0	6	8	12	0	2	2	7	2	9
17:00	to 17:15	1	3	4	1.00	0	0	0	0	0.00	2	1	0	3	2	3	2	5	7	5	4	9
17:15	to 17:30	1	1	2	1.00	1	1	0	2	2.00	1	1	0	2	2	4	0	1	1	5	3	8
17:30	to 17:45	4	5	9	1.25	2	1	0	3	1.50	1	1	0	2	3	5	1	3	4	4	2	6
17:45	to 18:00	1	2	3	1.00	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	3	0	3
18:00	to 18:15	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	1	1	3	0	3
18:15	to 18:30	2	1	3	1.50	0	0	0	0	0.00	0	0	0	0	0	0	1	2	3	2	0	2
18:30	to 18:45	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
18:45	to 19:00	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		110	109	219	1.31	133	77	9	219	1.59	113	78	9	200	253	419	43	89	132	Total Car Park Spaces - 19		

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.30 Site S6 Hunters Hill Medical Practice, Hunters Hill – Survey Results – Hourly data – rolling at 15 minute intervals – Friday 13/03/2015.

DATE	13 March 2015		Hunters Hill Medical Practice - 6 Ryde Road, Hunters Hill NSW 2110														Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data			Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Rain			IN	OUT	Total	Occupancy ¹	IN				OUT				Vehicles ³	Persons	EB	WB	Vehicles			
TIME							Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total		
AM																						
7:00	to	8:00	6	2	8	1.17	0	0	0	0	0.00	0	0	0	0	0	2	3	5			
7:15	to	8:15	9	5	14	1.33	7	3	2	12	1.43	2	2	0	4	11	3	4	7			
7:30	to	8:30	12	7	19	1.25	10	5	3	18	1.50	5	5	0	10	19	5	5	10			
7:45	to	8:45	10	5	15	1.30	15	7	4	26	1.47	7	7	0	14	27	5	7	12			
8:00	to	9:00	10	9	19	1.20	18	8	5	31	1.44	10	9	0	19	33	7	12	19			
8:15	to	9:15	10	10	20	1.10	14	7	3	24	1.50	9	8	1	18	26	7	14	21			
8:30	to	9:30	12	11	23	1.33	17	9	2	28	1.53	9	8	1	18	27	6	15	21			
8:45	to	9:45	13	13	26	1.38	22	13	1	36	1.59	7	6	2	15	29	11	12	23			
9:00	to	10:00	14	10	24	1.43	21	13	1	35	1.62	5	5	3	13	26	11	8	19			
9:15	to	10:15	13	12	25	1.46	23	14	1	38	1.61	9	9	4	22	32	10	7	17			
9:30	to	10:30	13	14	27	1.54	22	13	1	36	1.59	11	11	5	27	33	9	7	16			
9:45	to	10:45	14	15	29	1.64	18	11	1	30	1.61	13	13	5	31	31	2	6	8			
10:00	to	11:00	14	15	29	1.64	18	11	1	30	1.61	13	13	5	31	31	1	6	7			
10:15	to	11:15	17	11	28	1.59	19	12	1	32	1.63	13	11	3	27	32	3	8	11			
10:30	to	11:30	16	7	23	1.38	19	12	1	32	1.63	13	8	2	23	32	7	9	16			
10:45	to	11:45	14	8	22	1.21	15	9	1	25	1.60	18	10	1	29	33	7	10	17			
11:00	to	12:00	12	11	23	1.25	17	11	0	28	1.65	23	12	0	35	40	6	10	16			
11:15	to	12:15	10	10	20	1.30	15	9	0	24	1.60	21	10	0	31	36	6	6	12			
11:30	to	12:30	9	17	26	1.33	13	8	0	21	1.62	21	10	0	31	34	5	6	11			
11:45	to	12:45	10	15	25	1.30	12	8	0	20	1.67	15	7	0	22	27	6	5	11			
PM																						
12:00	to	13:00	10	12	22	1.20	9	6	0	15	1.67	12	6	0	18	21	6	6	12			
12:15	to	13:15	8	13	21	1.00	6	4	0	10	1.67	11	7	0	18	17	4	8	12			
12:30	to	13:30	7	6	13	1.14	5	3	0	8	1.60	6	5	0	11	11	1	6	7			
12:45	to	13:45	8	5	13	1.25	8	4	0	12	1.50	6	4	0	10	14	1	9	10			
13:00	to	14:00	7	4	11	1.29	9	4	0	13	1.44	5	4	0	9	14	1	8	9			
13:15	to	14:15	11	5	16	1.55	13	6	0	19	1.46	6	4	0	10	19	1	7	8			
13:30	to	14:30	11	9	20	1.45	14	6	0	20	1.43	10	7	0	17	24	1	7	8			
13:45	to	14:45	11	10	21	1.36	13	6	0	19	1.46	13	10	0	23	26	0	7	7			
14:00	to	15:00	14	16	30	1.36	14	7	0	21	1.50	13	10	0	23	27	0	7	7			
14:15	to	15:15	10	14	24	1.10	12	7	0	19	1.58	11	8	0	19	23	0	7	7			
14:30	to	15:30	9	12	21	1.11	11	7	0	18	1.64	10	7	0	17	21	0	9	9			
14:45	to	15:45	11	13	24	1.18	13	8	0	21	1.62	10	6	1	17	24	1	9	10			
15:00	to	16:00	9	11	20	1.11	15	9	1	25	1.60	14	8	1	23	30	2	9	11			
15:15	to	16:15	9	10	19	1.11	15	9	1	25	1.60	17	10	1	28	33	4	12	16			
15:30	to	16:30	9	10	19	1.33	15	9	1	25	1.60	19	11	1	31	35	5	11	16			
15:45	to	16:45	5	8	13	1.60	11	7	1	19	1.64	16	10	0	26	27	4	7	11			
16:00	to	17:00	5	7	12	1.80	9	6	1	16	1.67	14	8	0	22	24	3	8	11			
16:15	to	17:15	5	10	15	1.80	6	4	1	11	1.67	12	7	0	19	19	3	9	12			
16:30	to	17:30	5	8	13	1.40	5	4	1	10	1.80	8	5	0	13	14	2	8	10			
16:45	to	17:45	8	12	20	1.25	6	4	1	11	1.67	8	5	0	13	15	3	11	14			
17:00	to	18:00	7	11	18	1.14	3	2	0	5	1.67	4	3	0	7	7	3	9	12			
17:15	to	18:15	6	8	14	1.17	3	2	0	5	1.67	2	2	0	4	5	1	5	6			
17:30	to	18:30	7	8	15	1.29	2	1	0	3	1.50	1	1	0	2	3	2	6	8			
17:45	to	18:45	3	3	6	1.33	0	0	0	0	0.00	0	0	0	0	0	1	3	4			
18:00	to	19:00	2	1	3	1.50	0	0	0	0	0.00	0	0	0	0	0	1	3	4			

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.31 Site S6 Hunters Hill Medical Practice, Hunters Hill – Hourly data – Consecutive – Friday 13/03/2015.

DATE 13 March 2015	Hunters Hill Medical Practice - 6 Ryde Road, Hunters Hill NSW 2110													
1-hour Data														
WEATHER Rain	Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)									
	TIME	IN	OUT	Total	Occupancy ¹	IN				OUT				Total
						Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	
AM														
7:00 to 8:00		6	2	8	1.17	0	0	0	0	0.00	0	0	0	0
8:00 to 9:00		10	9	19	1.20	18	8	5	31	1.44	10	9	0	19
9:00 to 10:00		14	10	24	1.43	21	13	1	35	1.62	5	5	3	13
10:00 to 11:00		14	15	29	1.64	18	11	1	30	1.61	13	13	5	31
11:00 to 12:00		12	11	23	1.25	17	11	0	28	1.65	23	12	0	35
PM														
12:00 to 13:00		10	12	22	1.20	9	6	0	15	1.67	12	6	0	18
13:00 to 14:00		7	4	11	1.29	9	4	0	13	1.44	5	4	0	9
14:00 to 15:00		14	16	30	1.36	14	7	0	21	1.50	13	10	0	23
15:00 to 16:00		9	11	20	1.11	15	9	1	25	1.60	14	8	1	23
16:00 to 17:00		5	7	12	1.80	9	6	1	16	1.67	14	8	0	22
17:00 to 18:00		7	11	18	1.14	3	2	0	5	1.67	4	3	0	7
18:00 to 19:00		2	1	3	1.50	0	0	0	0	0.00	0	0	0	0
Total		110	109	219	1.31	133	77	9	219	1.58	113	78	9	200

Grand Total
1-hour Data
Vehicles ⁴
0
33
26
31
40
21
14
27
30
24
7
0
253

Main Road Data ⁵
1-hour Data
EB
2
7
11
1
6
6
6
1
0
2
3
8
7
9
1
3
89

Grand Total - Main Road
1-hour Data
Vehicles
5
19
19
7
16
12
9
7
11
12
4
132

Table 3.32 Site S6 Hunters Hill Medical Practice, Hunters Hill – Travel mode – Friday 13/03/2015.

DATE 13 March 2015		Hunters Hill Medical Practice - 6 Ryde Road, Hunters Hill NSW 2110												
Average group size (people)	Average duration of stay (hrs)			Travel Mode										
				Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.51	0:35	IN	Total	73	41	1	1	3	0	0	0	0	2	0
			%	60.3	33.9	0.8	0.8	2.5	0.0	0.0	0.0	1.7	0.0	
		OUT	Total	70	46	2	0	2	0	0	0	0	2	0
			%	57.4	37.7	1.6	0.0	1.6	0.0	0.0	0.0	1.6	0.0	

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² The number of incoming trips in Figure 3.30 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

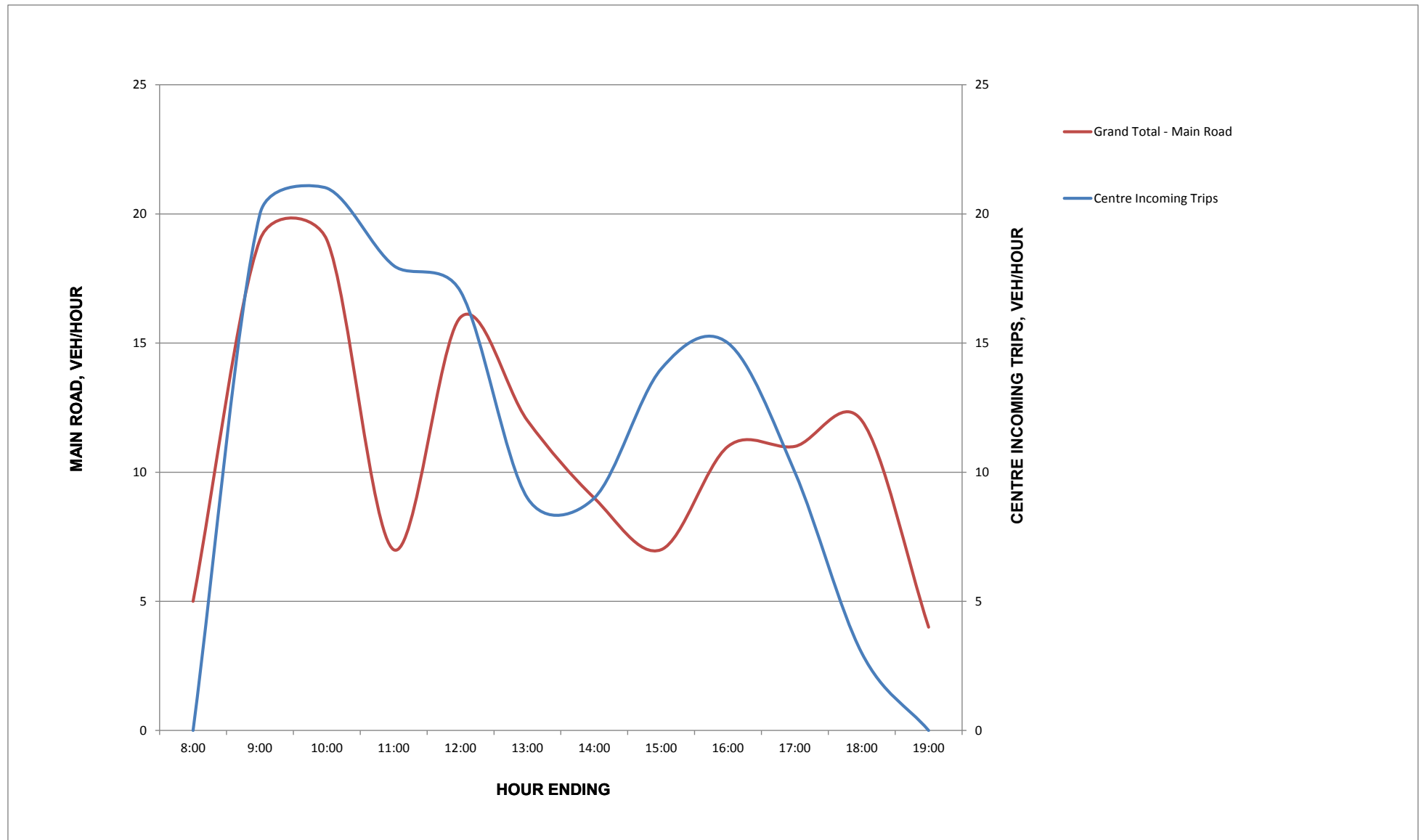


Figure 3.8 Site S6 Hunters Hill Medical Practice, Hunters Hill – Hourly trip distribution – Vehicles – Friday 13/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.9 Site S7 Broadway General Practice, Ultimo NSW 2007– Wednesday 04/03/2015

Table 3.56 Site S7 Broadway General Practice, Ultimo – Survey Results – 15-minute interval data – Wednesday 04/03/2015.

DATE	4 March 2015		Broadway General Practice - M105 Broadway Shopping Centre, Level 1/1 Bay Street, Ultimo NSW 2007													Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand ⁴
15 minute Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								15 minute Data		15 minute Data		15 minute Data	15 minute Data	
WEATHER Fine							IN				OUT										
TIME			IN	OUT	Total	Occupancy	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	NB	SB	Vehicles	On street
AM																					
8:00	to	8:15	n/a	n/a	n/a	n/a	1	0	0	1	1.00	0	0	0	0	1	1	552	250	802	0
8:15	to	8:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	0	0	0	0	0	1	509	298	807	1
8:30	to	8:45	n/a	n/a	n/a	n/a	7	1	4	12	1.14	0	0	0	0	0	7	484	285	769	2
8:45	to	9:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1	1	498	332	830	2	
9:00	to	9:15	n/a	n/a	n/a	n/a	5	1	4	10	1.20	2	0	1	3	3	7	475	261	736	5
9:15	to	9:30	n/a	n/a	n/a	n/a	4	1	3	8	1.25	4	0	3	7	7	8	405	284	689	9
9:30	to	9:45	n/a	n/a	n/a	n/a	5	1	4	10	1.20	4	0	3	7	7	9	404	306	710	13
9:45	to	10:00	n/a	n/a	n/a	n/a	4	0	3	7	1.00	3	0	3	6	6	7	391	250	641	14
10:00	to	10:15	n/a	n/a	n/a	n/a	12	2	10	24	1.17	9	1	7	17	22	41	359	269	628	16
10:15	to	10:30	n/a	n/a	n/a	n/a	1	0	1	2	1.00	2	0	1	3	3	5	326	288	614	18
10:30	to	10:45	n/a	n/a	n/a	n/a	5	1	3	9	1.20	7	1	5	13	12	22	265	307	572	20
10:45	to	11:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	4	0	3	7	4	7	327	276	603	22
11:00	to	11:15	n/a	n/a	n/a	n/a	4	1	9	14	1.25	2	0	3	5	7	19	356	301	657	24
11:15	to	11:30	n/a	n/a	n/a	n/a	1	0	4	5	1.00	0	0	1	1	2	6	323	324	647	22
11:30	to	11:45	n/a	n/a	n/a	n/a	5	1	10	16	1.20	5	0	8	13	11	29	321	328	649	21
11:45	to	12:00	n/a	n/a	n/a	n/a	2	0	5	7	1.00	1	0	2	3	4	10	339	279	618	19
PM																					
12:00	to	12:15	n/a	n/a	n/a	n/a	2	0	4	6	1.00	4	0	6	10	6	16	363	308	671	18
12:15	to	12:30	n/a	n/a	n/a	n/a	1	0	4	5	1.00	4	0	6	10	6	15	339	331	670	17
12:30	to	12:45	n/a	n/a	n/a	n/a	3	1	5	9	1.33	5	0	8	13	8	22	357	345	702	16
12:45	to	13:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	334	367	701	18
13:00	to	13:15	n/a	n/a	n/a	n/a	7	0	8	15	1.00	3	1	8	12	10	27	266	373	639	20
13:15	to	13:30	n/a	n/a	n/a	n/a	3	0	4	7	1.00	0	0	1	1	3	8	327	299	626	19
13:30	to	13:45	n/a	n/a	n/a	n/a	0	0	1	1	0.00	3	1	8	12	3	13	351	406	757	18
13:45	to	14:00	n/a	n/a	n/a	n/a	1	0	1	2	1.00	0	0	1	1	1	3	336	342	678	16
14:00	to	14:15	n/a	n/a	n/a	n/a	3	0	3	6	1.00	4	1	12	17	8	23	269	378	647	14
14:15	to	14:30	n/a	n/a	n/a	n/a	4	0	4	8	1.00	1	0	2	3	5	11	278	372	650	16
14:30	to	14:45	n/a	n/a	n/a	n/a	4	0	4	8	1.00	0	0	2	2	5	10	349	387	736	18
14:45	to	15:00	n/a	n/a	n/a	n/a	1	0	2	3	1.00	1	0	2	3	2	6	312	389	701	15
15:00	to	15:15	n/a	n/a	n/a	n/a	1	0	2	3	1.00	7	0	8	15	9	18	282	391	673	12
15:15	to	15:30	n/a	n/a	n/a	n/a	1	0	2	3	1.00	0	0	1	1	2	4	251	428	679	14
15:30	to	15:45	n/a	n/a	n/a	n/a	4	0	8	12	1.00	2	0	3	5	8	17	315	464	779	15
15:45	to	16:00	n/a	n/a	n/a	n/a	3	0	6	9	1.00	0	0	0	0	4	9	317	407	724	15
16:00	to	16:15	n/a	n/a	n/a	n/a	2	0	4	6	1.00	6	0	6	12	8	18	385	413	798	15
16:15	to	16:30	n/a	n/a	n/a	n/a	0	0	1	1	0.00	3	0	4	7	4	8	333	454	787	13
16:30	to	16:45	n/a	n/a	n/a	n/a	1	0	1	2	1.00	4	0	4	8	5	10	313	471	784	11
16:45	to	17:00	n/a	n/a	n/a	n/a	2	0	3	5	1.00	0	0	0	0	2	5	306	451	757	10
17:00	to	17:15	n/a	n/a	n/a	n/a	2	0	4	6	1.00	6	0	8	14	8	20	343	425	768	8
17:15	to	17:30	n/a	n/a	n/a	n/a	2	0	5	7	1.00	1	0	2	3	3	10	355	420	775	8
17:30	to	17:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	3	0	4	7	3	7	313	353	666	7
17:45	to	18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	0	3	5	2	5	331	342	673	5
18:00	to	18:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	2	3	1	3	278	441	719	3
18:15	to	18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	284	438	722	3
18:30	to	18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	1	2	1	2	260	420	680	2
18:45	to	19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	222	393	615	1
TOTAL			n/a	n/a	n/a	n/a	104	10	136	250	1.06	105	5	142	252	223	502	17252	16692	33944	

¹ Broadway General Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.33 Site S7 Broadway General Practice, Ultimo – Survey Results – Hourly data – rolling at 15 minute intervals – Wednesday 04/03/2015.

DATE	4 March 2015	Broadway General Practice - M105 Broadway Shopping Centre, Level 1/1 Bay Street, Ultimo NSW 2007												Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine		IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	NB	SB	Vehicles	
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total
AM																			
7:15	to 8:15	n/a	n/a	n/a	n/a	1	0	0	1	1.00	0	0	0	0	1	1	2226	1077	3303
7:30	to 8:30	n/a	n/a	n/a	n/a	2	0	0	2	1.00	0	0	0	0	2	2	2166	1115	3281
7:45	to 8:45	n/a	n/a	n/a	n/a	9	1	4	14	1.11	0	0	0	0	9	14	2121	1122	3243
8:00	to 9:00	n/a	n/a	n/a	n/a	9	1	4	14	1.11	1	0	0	1	10	15	2043	1165	3208
8:15	to 9:15	n/a	n/a	n/a	n/a	13	2	8	23	1.15	3	0	1	4	16	27	1966	1176	3142
8:30	to 9:30	n/a	n/a	n/a	n/a	16	3	11	30	1.19	7	0	4	11	23	41	1862	1162	3024
8:45	to 9:45	n/a	n/a	n/a	n/a	14	3	11	28	1.21	11	0	7	18	25	46	1782	1183	2965
9:00	to 10:00	n/a	n/a	n/a	n/a	18	3	14	35	1.17	13	0	10	23	31	58	1675	1101	2776
9:15	to 10:15	n/a	n/a	n/a	n/a	25	4	20	49	1.16	20	1	16	37	46	86	1559	1109	2668
9:30	to 10:30	n/a	n/a	n/a	n/a	22	3	18	43	1.14	18	1	14	33	41	76	1480	1113	2593
9:45	to 10:45	n/a	n/a	n/a	n/a	22	3	17	42	1.14	21	2	16	39	44	81	1341	1114	2455
10:00	to 11:00	n/a	n/a	n/a	n/a	18	3	14	35	1.17	22	2	16	40	41	75	1277	1140	2417
10:15	to 11:15	n/a	n/a	n/a	n/a	10	2	13	25	1.20	15	1	12	28	26	53	1274	1172	2446
10:30	to 11:30	n/a	n/a	n/a	n/a	10	2	16	28	1.20	13	1	12	26	25	54	1271	1208	2479
10:45	to 11:45	n/a	n/a	n/a	n/a	10	2	23	35	1.20	11	0	15	26	24	61	1327	1229	2556
11:00	to 12:00	n/a	n/a	n/a	n/a	12	2	28	42	1.17	8	0	14	22	24	64	1339	1232	2571
11:15	to 12:15	n/a	n/a	n/a	n/a	10	1	23	34	1.10	10	0	17	27	17	61	1346	1239	2585
11:30	to 12:30	n/a	n/a	n/a	n/a	10	1	23	34	1.10	14	0	22	36	21	70	1362	1246	2608
11:45	to 12:45	n/a	n/a	n/a	n/a	8	1	18	27	1.13	14	0	22	36	16	63	1398	1263	2661
PM																			
12:00	to 13:00	n/a	n/a	n/a	n/a	6	1	13	20	1.17	13	0	20	33	20	53	1393	1351	2744
12:15	to 13:15	n/a	n/a	n/a	n/a	11	1	17	29	1.09	12	1	22	35	24	64	1296	1416	2712
12:30	to 13:30	n/a	n/a	n/a	n/a	13	1	17	31	1.08	8	1	17	26	21	57	1284	1384	2668
12:45	to 13:45	n/a	n/a	n/a	n/a	10	0	13	23	1.00	6	2	17	25	16	48	1278	1445	2723
13:00	to 14:00	n/a	n/a	n/a	n/a	11	0	14	25	1.00	6	2	18	26	17	51	1280	1420	2700
13:15	to 14:15	n/a	n/a	n/a	n/a	7	0	9	16	1.00	7	2	22	31	15	47	1283	1425	2708
13:30	to 14:30	n/a	n/a	n/a	n/a	8	0	9	17	1.00	8	2	23	33	17	50	1234	1498	2732
13:45	to 14:45	n/a	n/a	n/a	n/a	12	0	12	24	1.00	5	1	17	23	19	47	1232	1479	2711
14:00	to 15:00	n/a	n/a	n/a	n/a	12	0	13	25	1.00	6	1	18	25	20	50	1208	1526	2734
14:15	to 15:15	n/a	n/a	n/a	n/a	10	0	12	22	1.00	9	0	14	23	21	45	1221	1539	2760
14:30	to 15:30	n/a	n/a	n/a	n/a	7	0	10	17	1.00	8	0	13	21	18	38	1194	1595	2789
14:45	to 15:45	n/a	n/a	n/a	n/a	7	0	14	21	1.00	10	0	14	24	21	45	1160	1672	2832
15:00	to 16:00	n/a	n/a	n/a	n/a	9	0	18	27	1.00	9	0	12	21	23	48	1165	1690	2855
15:15	to 16:15	n/a	n/a	n/a	n/a	10	0	20	30	1.00	8	0	10	18	22	48	1268	1712	2980
15:30	to 16:30	n/a	n/a	n/a	n/a	9	0	19	28	1.00	11	0	13	24	24	52	1350	1738	3088
15:45	to 16:45	n/a	n/a	n/a	n/a	6	0	12	18	1.00	13	0	14	27	21	45	1348	1745	3093
16:00	to 17:00	n/a	n/a	n/a	n/a	5	0	9	14	1.00	13	0	14	27	19	41	1337	1789	3126
16:15	to 17:15	n/a	n/a	n/a	n/a	5	0	9	14	1.00	13	0	16	29	19	43	1295	1801	3096
16:30	to 17:30	n/a	n/a	n/a	n/a	7	0	13	20	1.00	11	0	14	25	18	45	1317	1767	3084
16:45	to 17:45	n/a	n/a	n/a	n/a	6	0	12	18	1.00	10	0	14	24	16	42	1317	1649	2966
17:00	to 18:00	n/a	n/a	n/a	n/a	4	0	9	13	1.00	12	0	17	29	16	42	1342	1540	2882
17:15	to 18:15	n/a	n/a	n/a	n/a	2	0	5	7	1.00	7	0	11	18	9	25	1277	1556	2833
17:30	to 18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	6	0	9	15	6	15	1206	1574	2780
17:45	to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	4	0	6	10	4	10	1153	1641	2794
18:00	to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	0	3	5	2	5	1044	1692	2736

¹ Broadway General Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.34 Site S7 Broadway General Practice, Ultimo – Hourly data – Consecutive – Wednesday 04/03/2015.

DATE 4 March 2015		Broadway General Practice - M105 Broadway Shopping Centre, Level 1/1 Bay Street, Ultimo NSW 2007													Grand Total		Main Road Data ⁵		Grand Total - Main Road
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine						IN				OUT								1-hour Data	
TIME		IN	OUT	Total	Occupancy	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	NB	SB	Vehicles
AM																			
8:00	to 9:00	n/a	n/a	n/a	n/a	9	1	4	14	1.11	1	0	0	1			2043	1165	3208
9:00	to 10:00	n/a	n/a	n/a	n/a	18	3	14	35	1.17	13	0	10	23			1675	1101	2776
10:00	to 11:00	n/a	n/a	n/a	n/a	18	3	14	35	1.17	22	2	16	40			1277	1140	2417
11:00	to 12:00	n/a	n/a	n/a	n/a	12	2	28	42	1.17	8	0	14	22			1339	1232	2571
PM																			
12:00	to 13:00	n/a	n/a	n/a	n/a	6	1	13	20	1.17	13	0	20	33			1393	1351	2744
13:00	to 14:00	n/a	n/a	n/a	n/a	11	0	14	25	1.00	6	2	18	26			1280	1420	2700
14:00	to 15:00	n/a	n/a	n/a	n/a	12	0	13	25	1.00	6	1	18	25			1208	1526	2734
15:00	to 16:00	n/a	n/a	n/a	n/a	9	0	18	27	1.00	9	0	12	21			1165	1690	2855
16:00	to 17:00	n/a	n/a	n/a	n/a	5	0	9	14	1.00	13	0	14	27			1337	1789	3126
17:00	to 18:00	n/a	n/a	n/a	n/a	4	0	9	13	1.00	12	0	17	29			1342	1540	2882
18:00	to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	0	3	5			1044	1692	2736
Total		n/a	n/a	n/a	n/a	104	10	136	250	1.10	105	5	142	252			17252	16692	33944

Table 3.35 Site S7 Broadway General Practice, Ultimo – Travel mode – Wednesday 04/03/2015.

DATE 4 March 2015		Broadway General Practice - M105 Broadway Shopping Centre, Level 1/1 Bay Street, Ultimo NSW 2007												
Average group size (people)	Average duration of stay (hrs)			Travel Mode										
				Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.35	0:58	IN	Total	69	3	2	4	34	10	1	0	1	47	1
			%	40.1	1.7	1.2	2.3	19.8	5.8	0.6	0.0	0.6	27.3	0.6
		OUT	Total	70	3	1	4	32	9	2	0	1	49	1
			%	40.7	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.3	0.0

¹ Broadway General Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.31 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

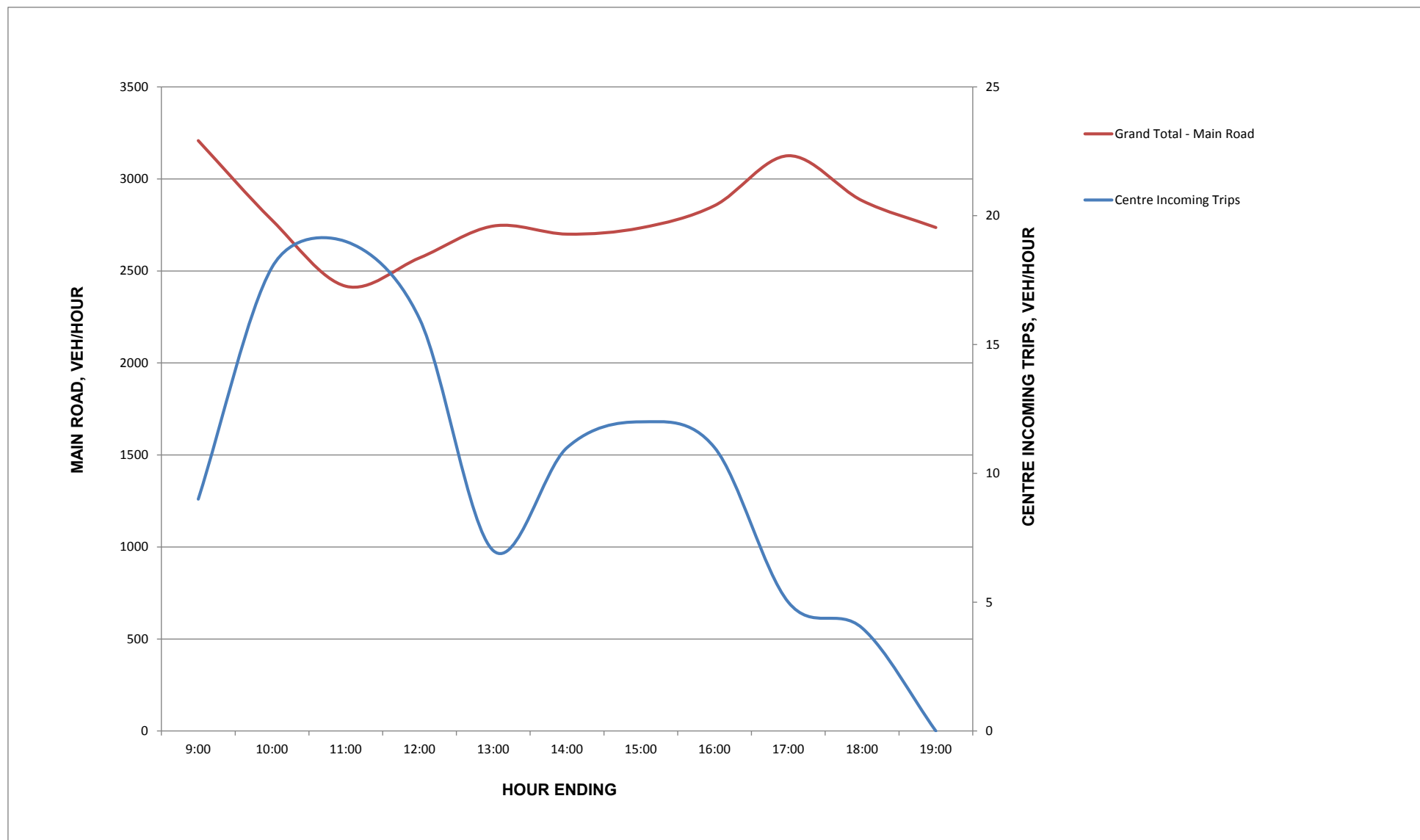


Figure 3.9 Site S7 Broadway General Practice, Ultimo – Hourly trip distribution – Vehicles – Wednesday 04/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.10 Site S8 Sans Souci Medical Practice, Sans Souci NSW 2219 – Saturday 21/03/2015

Table 3.36 Site S8 Sans Souci Medical Practice, Sans Souci – Survey Results – 15-minute interval data – Saturday 21/03/2015.

DATE	21 March 2015	Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219												Grand Total		Main Road Data		Grand Total - Main Road		Parking Demand ⁴	
15 minute Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								15 minute Data		15 minute Data		15 minute Data		15 minute Data	
WEATHER Cloudy		IN	OUT	Total	Occupancy	IN				OUT											
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car								
AM																					
7:00	to 7:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0							
7:15	to 7:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0							
7:30	to 7:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0							
7:45	to 8:00	n/a	n/a	n/a	n/a	3	0	2	5	1.00	0	0	0	0							
8:00	to 8:15	n/a	n/a	n/a	n/a	2	0	2	4	1.00	0	0	0	0							
8:15	to 8:30	n/a	n/a	n/a	n/a	3	0	3	6	1.00	0	0	1	1							
8:30	to 8:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	0	0	2	2							
8:45	to 9:00	n/a	n/a	n/a	n/a	2	0	1	3	1.00	0	0	2	2							
9:00	to 9:15	n/a	n/a	n/a	n/a	2	2	0	4	2.00	2	1	0	3							
9:15	to 9:30	n/a	n/a	n/a	n/a	3	2	0	5	1.67	3	2	1	6							
9:30	to 9:45	n/a	n/a	n/a	n/a	2	2	0	4	2.00	1	0	0	1							
9:45	to 10:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	1	4							
10:00	to 10:15	n/a	n/a	n/a	n/a	2	2	0	4	2.00	1	1	0	2							
10:15	to 10:30	n/a	n/a	n/a	n/a	3	3	0	6	2.00	0	0	0	0							
10:30	to 10:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1							
10:45	to 11:00	n/a	n/a	n/a	n/a	2	1	0	3	1.50	2	1	0	3							
11:00	to 11:15	n/a	n/a	n/a	n/a	0	1	0	1	0.00	1	1	0	2							
11:15	to 11:30	n/a	n/a	n/a	n/a	2	4	0	6	3.00	3	3	0	6							
11:30	to 11:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	3	3	0	6							
11:45	to 12:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2							
PM																					
12:00	to 12:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	3	3	0	6							
12:15	to 12:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2							
12:30	to 12:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0							
12:45	to 13:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0							
TOTAL		n/a	n/a	n/a	n/a	29	18	8	55	1.58	24	18	7	49	57	104	0	4882	4882		

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.37 Site S8 Sans Souci Medical Practice, Sans Souci – Survey Results – Hourly data – rolling at 15 minute intervals – Saturday 21/03/2015.

DATE 21 March 2015			Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219												Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data	
WEATHER Cloudy																				
TIME			IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	NB	SB	Vehicles	
AM							Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total
7:00	to	8:00	n/a	n/a	n/a	n/a	3	0	2	5	1.00	0	0	0	0	3	5	0	393	393
7:15	to	8:15	n/a	n/a	n/a	n/a	5	0	4	9	1.00	0	0	0	0	5	9	0	569	569
7:30	to	8:30	n/a	n/a	n/a	n/a	8	0	7	15	1.00	0	0	1	1	8	16	0	680	680
7:45	to	8:45	n/a	n/a	n/a	n/a	9	0	7	16	1.00	0	0	3	3	9	19	0	760	760
8:00	to	9:00	n/a	n/a	n/a	n/a	8	0	6	14	1.00	0	0	5	5	8	19	0	804	804
8:15	to	9:15	n/a	n/a	n/a	n/a	8	2	4	14	1.25	2	1	5	8	10	22	0	824	824
8:30	to	9:30	n/a	n/a	n/a	n/a	8	4	1	13	1.50	5	3	5	13	13	26	0	856	856
8:45	to	9:45	n/a	n/a	n/a	n/a	9	6	1	16	1.67	6	3	3	12	15	28	0	870	870
9:00	to	10:00	n/a	n/a	n/a	n/a	8	6	0	14	1.75	8	4	2	14	16	28	0	880	880
9:15	to	10:15	n/a	n/a	n/a	n/a	8	6	0	14	1.75	7	4	2	13	15	27	0	951	951
9:30	to	10:30	n/a	n/a	n/a	n/a	8	7	0	15	1.88	4	2	1	7	12	22	0	981	981
9:45	to	10:45	n/a	n/a	n/a	n/a	6	5	0	11	1.83	4	2	1	7	10	18	0	1045	1045
10:00	to	11:00	n/a	n/a	n/a	n/a	7	6	0	13	1.86	4	2	0	6	11	19	0	1058	1058
10:15	to	11:15	n/a	n/a	n/a	n/a	5	5	0	10	2.00	4	2	0	6	9	16	0	1069	1069
10:30	to	11:30	n/a	n/a	n/a	n/a	4	6	0	10	2.50	7	5	0	12	13	22	0	1114	1114
10:45	to	11:45	n/a	n/a	n/a	n/a	5	7	0	12	2.40	9	8	0	17	17	29	0	1119	1119
11:00	to	12:00	n/a	n/a	n/a	n/a	3	6	0	9	3.00	8	8	0	16	14	25	0	1116	1116
11:15	to	12:15	n/a	n/a	n/a	n/a	3	5	0	8	2.67	10	10	0	20	13	28	0	1127	1127
11:30	to	12:30	n/a	n/a	n/a	n/a	1	1	0	2	2.00	8	8	0	16	10	18	0	1129	1129
11:45	to	12:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	5	5	0	10	6	10	0	876	876
PM																				
12:00	to	13:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	4	4	0	8	5	8	0	631	631
12:15	to	13:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	1	2	0	342	342
12:30	to	13:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	48	48

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.38 Site S8 Sans Souci Medical Practice, Sans Souci – Hourly data – Consecutive – Saturday 21/03/2015.

DATE	Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219														Grand Total		Main Road Data ⁵		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data
WEATHER Cloudy						IN					OUT									
TIME		IN	OUT	Total	Occupancy	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	NB	SB	Vehicles	
AM																				
7:00	to 8:00	n/a	n/a	n/a	n/a	3	0	2	5	1.00	0	0	0	0	3	5	0	393	393	
8:00	to 9:00	n/a	n/a	n/a	n/a	8	0	6	14	1.00	0	0	5	5	8	19	0	804	804	
9:00	to 10:00	n/a	n/a	n/a	n/a	8	6	0	14	1.75	8	4	2	14	16	28	0	880	880	
10:00	to 11:00	n/a	n/a	n/a	n/a	7	6	0	13	1.86	4	2	0	6	11	19	0	1058	1058	
11:00	to 12:00	n/a	n/a	n/a	n/a	3	6	0	9	3.00	8	8	0	16	14	25	0	1116	1116	
PM																				
12:00	to 13:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	4	4	0	8	5	8	0	631	631	
Total		n/a	n/a	n/a	n/a	29	18	8	55	1.62	24	18	7	49	57	104	0	4882	4882	

Table 3.39 Site S8 Sans Souci Medical Practice, Sans Souci – Travel mode – Saturday 21/03/2015.

DATE 21 March 2015		Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219												
Average group size (people)	Average duration of stay (hrs)			Travel Mode										
				Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.67	0:35	IN	Total	17	14	1	0	0	0	0	0	0	3	0
			%	48.6	40.0	2.9	0.0	0.0	0.0	0.0	0.0	8.6	0.0	
		OUT	Total	17	12	1	0	0	0	0	0	0	3	0
			%	51.5	36.4	3.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0	

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.32 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

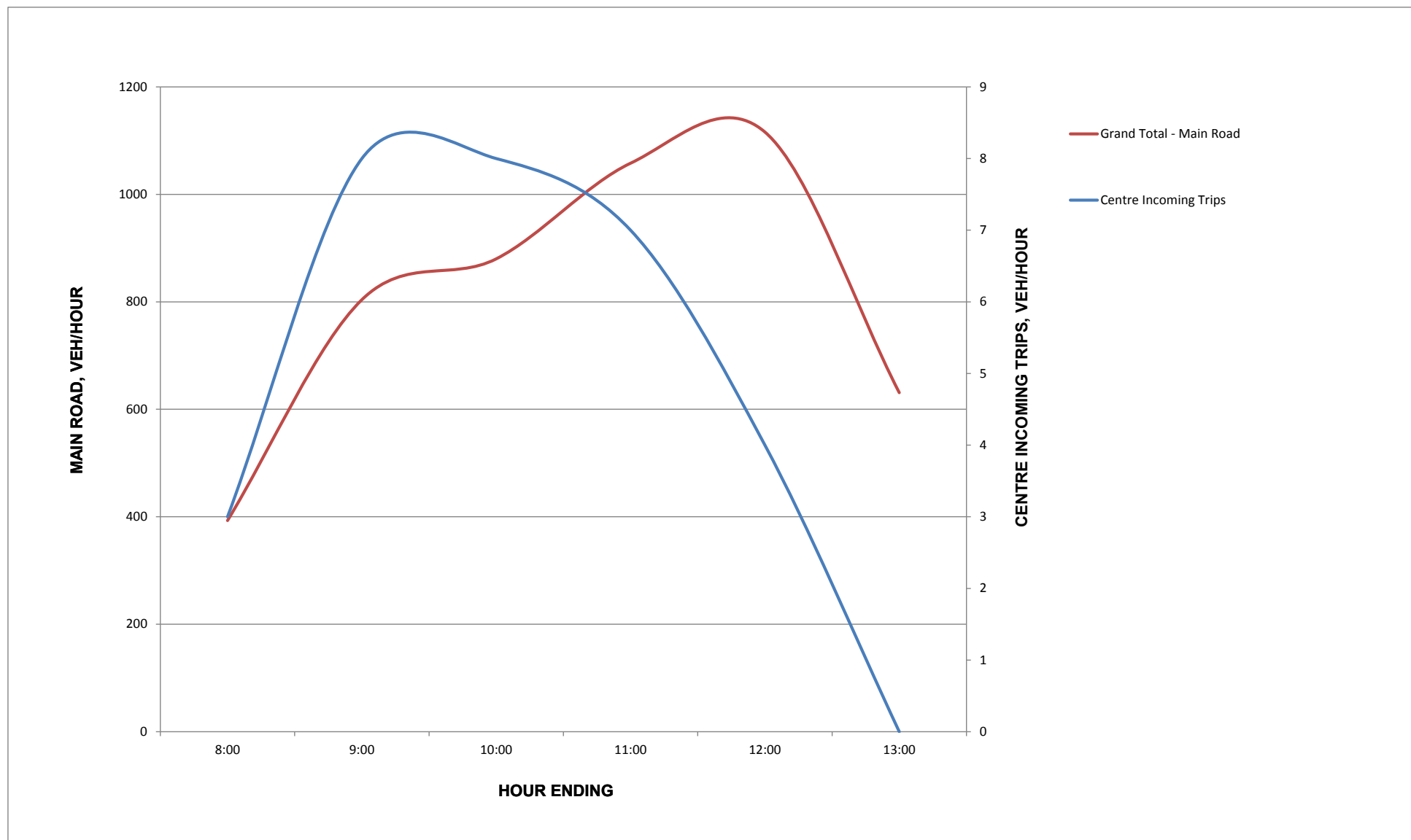


Figure 3.10 Site S8 Sans Souci Medical Practice, Sans Souci – Hourly trip distribution – Vehicles – Saturday 21/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.11 Site S8 Sans Souci Medical Practice, Sans Souci NSW 2219 – Monday 23/03/2015

Table 3.40 Site S8 Sans Souci Medical Practice, Sans Souci – Survey Results – 15-minute interval data – Monday 23/03/2015.

DATE	23 March 2015		Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219													Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand ⁴	
15 minute Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data	15 minute Data
WEATHER Fine																						
TIME			IN	OUT	Total	Occupancy	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	NB	SB	Vehicles	On street	
AM																						
7:00	to	7:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0
7:15	to	7:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	209	209	0
7:30	to	7:45	n/a	n/a	n/a	n/a	2	0	0	2	1.00	0	0	0	0	0	2	2	0	212	212	0
7:45	to	8:00	n/a	n/a	n/a	n/a	8	1	0	9	1.13	0	0	0	0	0	8	9	0	298	298	3
8:00	to	8:15	n/a	n/a	n/a	n/a	3	0	1	4	1.00	1	0	0	1	0	4	5	0	261	261	6
8:15	to	8:30	n/a	n/a	n/a	n/a	5	1	0	6	1.20	0	0	0	0	0	5	6	0	265	265	9
8:30	to	8:45	n/a	n/a	n/a	n/a	4	0	1	5	1.00	3	0	0	3	0	7	8	0	284	284	13
8:45	to	9:00	n/a	n/a	n/a	n/a	4	0	1	5	1.00	2	0	0	2	0	6	7	0	257	257	13
9:00	to	9:15	n/a	n/a	n/a	n/a	11	7	3	21	1.64	4	2	1	7	0	16	28	0	220	220	14
9:15	to	9:30	n/a	n/a	n/a	n/a	2	1	1	4	1.50	3	2	1	6	5	10	0	228	228	14	
9:30	to	9:45	n/a	n/a	n/a	n/a	4	3	1	8	1.75	4	2	2	8	8	16	0	198	198	15	
9:45	to	10:00	n/a	n/a	n/a	n/a	3	2	1	6	1.67	1	1	0	2	4	8	0	228	228	15	
10:00	to	10:15	n/a	n/a	n/a	n/a	7	4	3	14	1.57	3	2	0	5	11	19	0	230	230	16	
10:15	to	10:30	n/a	n/a	n/a	n/a	2	1	1	4	1.50	4	2	2	8	6	12	0	227	227	18	
10:30	to	10:45	n/a	n/a	n/a	n/a	3	2	1	6	1.67	3	2	0	5	6	11	0	226	226	21	
10:45	to	11:00	n/a	n/a	n/a	n/a	4	3	1	8	1.75	5	3	1	9	9	17	0	240	240	22	
11:00	to	11:15	n/a	n/a	n/a	n/a	10	3	1	14	1.30	5	2	1	8	15	22	0	236	236	23	
11:15	to	11:30	n/a	n/a	n/a	n/a	4	1	1	6	1.25	9	4	0	13	13	19	0	229	229	22	
11:30	to	11:45	n/a	n/a	n/a	n/a	3	1	0	4	1.33	5	2	1	8	8	12	0	245	245	21	
11:45	to	12:00	n/a	n/a	n/a	n/a	3	1	0	4	1.33	2	1	0	3	5	7	0	215	215	20	
PM																						
12:00	to	12:15	n/a	n/a	n/a	n/a	4	1	0	5	1.25	5	2	0	7	9	12	0	239	239	19	
12:15	to	12:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	4	2	0	6	6	9	0	230	230	15	
12:30	to	12:45	n/a	n/a	n/a	n/a	4	1	1	6	1.25	4	2	0	6	8	12	0	240	240	12	
12:45	to	13:00	n/a	n/a	n/a	n/a	4	1	0	5	1.25	4	2	0	6	8	11	0	243	243	10	
13:00	to	13:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	4	1	2	7	7	10	0	251	251	8	
13:15	to	13:30	n/a	n/a	n/a	n/a	1	1	0	2	2.00	3	1	1	5	4	7	0	217	217	7	
13:30	to	13:45	n/a	n/a	n/a	n/a	2	1	0	3	1.50	1	0	1	2	3	5	0	222	222	6	
13:45	to	14:00	n/a	n/a	n/a	n/a	2	1	1	4	1.50	2	1	1	4	6	8	0	215	215	7	
14:00	to	14:15	n/a	n/a	n/a	n/a	3	1	1	5	1.33	4	1	1	6	8	11	0	262	262	8	
14:15	to	14:30	n/a	n/a	n/a	n/a	5	2	2	9	1.40	2	0	1	3	9	12	0	262	262	9	
14:30	to	14:45	n/a	n/a	n/a	n/a	4	2	0	6	1.50	2	0	1	3	6	9	0	268	268	11	
14:45	to	15:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	0	1	2	2	4	0	261	261	12	
15:00	to	15:15	n/a	n/a	n/a	n/a	4	2	1	7	1.50	2	1	1	4	7	11	0	287	287	14	
15:15	to	15:30	n/a	n/a	n/a	n/a	9	4	2	15	1.44	3	1	1	5	12	20	0	311	311	16	
15:30	to	15:45	n/a	n/a	n/a	n/a	5	2	1	8	1.40	5	2	1	8	10	16	0	354	354	18	
15:45	to	16:00	n/a	n/a	n/a	n/a	3	1	1	5	1.33	2	1	1	4	6	9	0	360	360	17	
16:00	to	16:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	6	3	1	10	8	13	0	377	377	16	
16:15	to	16:30	n/a	n/a	n/a	n/a	3	2	1	6	1.67	4	2	0	6	8	12	0	346	346	14	
16:30	to	16:45	n/a	n/a	n/a	n/a	3	2	1	6	1.67	5	2	1	8	9	14	0	448	448	13	
16:45	to	17:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	1	1	4	4	6	0	338	338	11	
17:00	to	17:15	n/a	n/a	n/a	n/a	4	3	0	7	1.75	4	3	1	8	9	15	0	356	356	10	
17:15	to	17:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	3	2	0	5	4	6	0	388	388	9	
17:30	to	17:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	0	0	1	2	3	0	374	374	9	
17:45	to	18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	5	4	1	10	6	10	0	349	349	4	
18:00	to	18:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	1	0	3	2	3	0	363	363	0	
18:15	to	18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	1	2	0	322	322	0	
18:30	to	18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	52	52	0	
18:45	to	19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0
TOTAL			n/a	n/a	n/a	n/a	152	64	29	245	1.46	135	61	27	223	302	468	0	12443	12443		

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.41 Site S8 Sans Souci Medical Practice, Sans Souci – Survey Results – Hourly data – rolling at 15 minute intervals – Monday 23/03/2015.

DATE	Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219														Grand Total		Main Road Data		Grand Total - Main Road		
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine						IN					OUT										
TIME		IN	OUT	Total	Occupancy	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	NB	SB	Vehicles		
AM																					
7:00	to 8:00	n/a	n/a	n/a	n/a	10	1	0	11	1.10	0	0	0	0	10	11	0	719	719		
7:15	to 8:15	n/a	n/a	n/a	n/a	13	1	1	15	1.08	1	0	0	1	14	16	0	980	980		
7:30	to 8:30	n/a	n/a	n/a	n/a	18	2	1	21	1.11	1	0	0	1	19	22	0	1036	1036		
7:45	to 8:45	n/a	n/a	n/a	n/a	20	2	2	24	1.10	4	0	0	4	24	28	0	1108	1108		
8:00	to 9:00	n/a	n/a	n/a	n/a	16	1	3	20	1.06	6	0	0	6	22	26	0	1067	1067		
8:15	to 9:15	n/a	n/a	n/a	n/a	24	8	5	37	1.33	9	2	1	12	34	49	0	1026	1026		
8:30	to 9:30	n/a	n/a	n/a	n/a	21	8	6	35	1.38	12	4	2	18	34	53	0	989	989		
8:45	to 9:45	n/a	n/a	n/a	n/a	21	11	6	38	1.52	13	6	4	23	35	61	0	903	903		
9:00	to 10:00	n/a	n/a	n/a	n/a	20	13	6	39	1.65	12	7	4	23	33	62	0	874	874		
9:15	to 10:15	n/a	n/a	n/a	n/a	16	10	6	32	1.63	11	7	3	21	28	53	0	884	884		
9:30	to 10:30	n/a	n/a	n/a	n/a	16	10	6	32	1.63	12	7	4	23	29	55	0	883	883		
9:45	to 10:45	n/a	n/a	n/a	n/a	15	9	6	30	1.60	11	7	2	20	27	50	0	911	911		
10:00	to 11:00	n/a	n/a	n/a	n/a	16	10	6	32	1.63	15	9	3	27	32	59	0	923	923		
10:15	to 11:15	n/a	n/a	n/a	n/a	19	9	4	32	1.47	17	9	4	30	36	62	0	929	929		
10:30	to 11:30	n/a	n/a	n/a	n/a	21	9	4	34	1.43	22	11	2	35	43	69	0	931	931		
10:45	to 11:45	n/a	n/a	n/a	n/a	21	8	3	32	1.38	24	11	3	38	45	70	0	950	950		
11:00	to 12:00	n/a	n/a	n/a	n/a	20	6	2	28	1.30	21	9	2	32	41	60	0	925	925		
11:15	to 12:15	n/a	n/a	n/a	n/a	14	4	1	19	1.29	21	9	1	31	26	50	0	928	928		
11:30	to 12:30	n/a	n/a	n/a	n/a	12	4	0	16	1.33	16	7	1	24	22	40	0	929	929		
11:45	to 12:45	n/a	n/a	n/a	n/a	13	4	1	18	1.31	15	7	0	22	20	40	0	924	924		
PM																					
12:00	to 13:00	n/a	n/a	n/a	n/a	14	4	1	19	1.29	17	8	0	25	31	44	0	952	952		
12:15	to 13:15	n/a	n/a	n/a	n/a	12	4	1	17	1.33	16	7	2	25	29	42	0	964	964		
12:30	to 13:30	n/a	n/a	n/a	n/a	11	4	1	16	1.36	15	6	3	24	27	40	0	951	951		
12:45	to 13:45	n/a	n/a	n/a	n/a	9	4	0	13	1.44	12	4	4	20	22	33	0	933	933		
13:00	to 14:00	n/a	n/a	n/a	n/a	7	4	1	12	1.57	10	3	5	18	20	30	0	905	905		
13:15	to 14:15	n/a	n/a	n/a	n/a	8	4	2	14	1.50	10	3	4	17	21	31	0	916	916		
13:30	to 14:30	n/a	n/a	n/a	n/a	12	5	4	21	1.42	9	2	4	15	26	36	0	961	961		
13:45	to 14:45	n/a	n/a	n/a	n/a	14	6	4	24	1.43	10	2	4	16	29	40	0	1007	1007		
14:00	to 15:00	n/a	n/a	n/a	n/a	13	6	3	22	1.46	9	1	4	14	25	36	0	1053	1053		
14:15	to 15:15	n/a	n/a	n/a	n/a	14	7	3	24	1.50	7	1	4	12	24	36	0	1078	1078		
14:30	to 15:30	n/a	n/a	n/a	n/a	18	9	3	30	1.50	8	2	4	14	27	44	0	1127	1127		
14:45	to 15:45	n/a	n/a	n/a	n/a	19	9	4	32	1.47	11	4	4	19	31	51	0	1213	1213		
15:00	to 16:00	n/a	n/a	n/a	n/a	21	9	5	35	1.43	12	5	4	21	35	56	0	1312	1312		
15:15	to 16:15	n/a	n/a	n/a	n/a	19	8	4	31	1.42	16	7	4	27	36	58	0	1402	1402		
15:30	to 16:30	n/a	n/a	n/a	n/a	13	6	3	22	1.46	17	8	3	28	32	50	0	1437	1437		
15:45	to 16:45	n/a	n/a	n/a	n/a	11	6	3	20	1.55	17	8	3	28	31	48	0	1531	1531		
16:00	to 17:00	n/a	n/a	n/a	n/a	9	6	2	17	1.67	17	8	3	28	29	45	0	1509	1509		
16:15	to 17:15	n/a	n/a	n/a	n/a	11	8	2	21	1.73	15	8	3	26	30	47	0	1488	1488		
16:30	to 17:30	n/a	n/a	n/a	n/a	9	6	1	16	1.67	14	8	3	25	26	41	0	1530	1530		
16:45	to 17:45	n/a	n/a	n/a	n/a	7	5	0	12	1.71	10	6	2	18	19	30	0	1456	1456		
17:00	to 18:00	n/a	n/a	n/a	n/a	6	4	0	10	1.67	13	9	2	24	21	34	0	1467	1467		
17:15	to 18:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	11	7	1	19	14	22	0	1474	1474		
17:30	to 18:30	n/a	n/a	n/a	n/a	1	1	0	2	2.00	9	6	1	16	11	18	0	1408	1408		
17:45	to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	8	6	1	15	9	15	0	1086	1086		
18:00	to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	3	2	0	5	3	5	0	737	737		

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.42 Site S8 Sans Souci Medical Practice, Sans Souci – Hourly data – Consecutive – Monday 23/03/2015.

DATE 23 March 2015	Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219												
1-hour Data													
WEATHER Fine	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								
TIME	IN	OUT	Total	Occupancy	IN					OUT			
					Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total
AM													
7:00 to 8:00	n/a	n/a	n/a	n/a	10	1	0	11	1.10	0	0	0	0
8:00 to 9:00	n/a	n/a	n/a	n/a	16	1	3	20	1.06	6	0	0	6
9:00 to 10:00	n/a	n/a	n/a	n/a	20	13	6	39	1.65	12	7	4	23
10:00 to 11:00	n/a	n/a	n/a	n/a	16	10	6	32	1.63	15	9	3	27
11:00 to 12:00	n/a	n/a	n/a	n/a	20	6	2	28	1.30	21	9	2	32
PM													
12:00 to 13:00	n/a	n/a	n/a	n/a	14	4	1	19	1.29	17	8	0	25
13:00 to 14:00	n/a	n/a	n/a	n/a	7	4	1	12	1.57	10	3	5	18
14:00 to 15:00	n/a	n/a	n/a	n/a	13	6	3	22	1.46	9	1	4	14
15:00 to 16:00	n/a	n/a	n/a	n/a	21	9	5	35	1.43	12	5	4	21
16:00 to 17:00	n/a	n/a	n/a	n/a	9	6	2	17	1.67	17	8	3	28
17:00 to 18:00	n/a	n/a	n/a	n/a	6	4	0	10	1.67	13	9	2	24
18:00 to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	3	2	0	5
Total	n/a	n/a	n/a	n/a	152	64	29	245	1.42	135	61	27	223

Grand Total	
1-hour Data	
Vehicles ⁴	Persons
10	11
22	26
33	62
32	59
41	60
31	44
20	30
25	36
35	56
29	45
21	34
3	5
302	468

Main Road Data ⁵	
1-hour Data	
NB	SB
0	719
0	1067
0	874
0	923
0	925
0	952
0	905
0	1053
0	1312
0	1509
0	1467
0	737
0	12443

Grand Total - Main Road	
1-hour Data	
Vehicles	
719	
1067	
874	
923	
925	
952	
905	
1053	
1312	
1509	
1467	
737	
12443	

Table 3.43 Site S8 Sans Souci Medical Practice, Sans Souci – Travel mode – Monday 23/03/2015.

DATE 23 March 2015	Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219												
Average group size (people)	Average duration of stay (hrs)	Travel Mode											
		Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other	
1.38	0:32	IN	Total	84	34	2	1	1	0	0	14	0	
			%	60.9	24.6	1.4	0.7	0.7	0.0	0.0	10.1	0.0	
		OUT	Total	84	35	1	2	1	0	0	14	0	
			%	60.9	25.4	0.7	1.4	0.7	0.0	0.0	10.1	0.0	

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.33 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

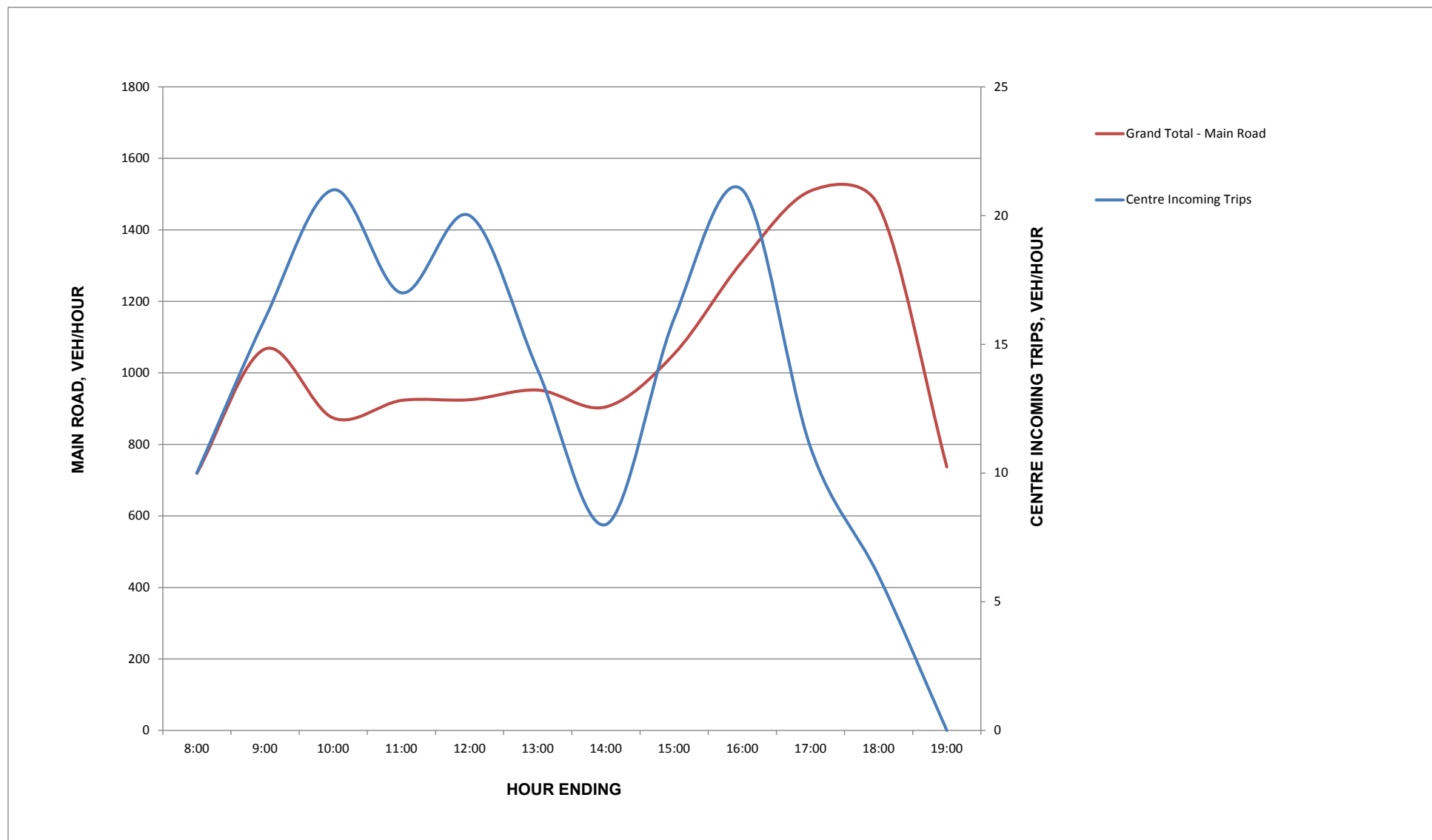


Figure 3.11 Site S8 Sans Souci Medical Practice, Sans Souci – Hourly trip distribution – Vehicles – Monday 23/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.12 Site S8 Sans Souci Medical Practice, Sans Souci NSW 2219 – Tuesday 24/03/2015

Table 3.44 Site S8 Sans Souci Medical Practice, Sans Souci – Survey Results – 15-minute interval data – Tuesday 24/03/2015.

DATE	24 March 2015	Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219													Grand Total		Main Road Data		Grand Total - Main Road		Parking Demand ⁴	
15 minute Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data		
WEATHER Rain		IN	OUT	Total	Occupancy	IN					OUT					Vehicles ³	Persons	NB	SB	Vehicles	On street	
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total								
AM																						
7:00	to 7:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0			
7:15	to 7:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	205	205	0			
7:30	to 7:45	n/a	n/a	n/a	n/a	2	1	0	3	1.50	0	0	0	0	2	3	0	233	0			
7:45	to 8:00	n/a	n/a	n/a	n/a	4	2	0	6	1.50	0	0	0	0	4	6	0	232	3			
8:00	to 8:15	n/a	n/a	n/a	n/a	3	2	0	5	1.67	0	0	0	0	3	5	0	237	5			
8:15	to 8:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	0	0	0	0	2	3	0	240	8			
8:30	to 8:45	n/a	n/a	n/a	n/a	6	3	1	10	1.50	3	3	0	6	9	16	0	268	11			
8:45	to 9:00	n/a	n/a	n/a	n/a	6	3	0	9	1.50	1	1	0	2	7	11	0	226	11			
9:00	to 9:15	n/a	n/a	n/a	n/a	3	2	1	6	1.67	2	1	0	3	6	9	0	229	11			
9:15	to 9:30	n/a	n/a	n/a	n/a	4	3	1	8	1.75	4	2	2	8	10	16	0	231	13			
9:30	to 9:45	n/a	n/a	n/a	n/a	3	2	1	6	1.67	3	1	1	5	7	11	0	192	15			
9:45	to 10:00	n/a	n/a	n/a	n/a	4	3	1	8	1.75	5	2	2	9	10	17	0	225	15			
10:00	to 10:15	n/a	n/a	n/a	n/a	3	2	1	6	1.67	4	2	2	8	9	14	0	227	14			
10:15	to 10:30	n/a	n/a	n/a	n/a	3	2	1	6	1.67	3	1	2	6	8	12	0	252	14			
10:30	to 10:45	n/a	n/a	n/a	n/a	3	2	0	5	1.67	3	1	2	6	7	11	0	234	13			
10:45	to 11:00	n/a	n/a	n/a	n/a	6	4	1	11	1.67	3	1	1	5	10	16	0	264	15			
11:00	to 11:15	n/a	n/a	n/a	n/a	7	5	1	13	1.71	7	3	1	11	14	24	0	230	17			
11:15	to 11:30	n/a	n/a	n/a	n/a	6	4	0	10	1.67	8	4	1	13	14	23	0	231	18			
11:30	to 11:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	1	1	4	4	6	0	249	19			
11:45	to 12:00	n/a	n/a	n/a	n/a	4	3	0	7	1.75	2	1	1	4	7	11	0	246	19			
PM																						
12:00	to 12:15	n/a	n/a	n/a	n/a	3	2	1	6	1.67	3	1	1	5	6	11	0	248	18			
12:15	to 12:30	n/a	n/a	n/a	n/a	6	4	0	10	1.67	5	2	1	8	11	18	0	239	9			
12:30	to 12:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	4	2	0	6	5	7	0	261	0			
12:45	to 13:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	4	2	1	7	5	9	0	294	5			
13:00	to 13:15	n/a	n/a	n/a	n/a	4	1	1	6	1.25	4	2	1	7	10	13	0	286	10			
13:15	to 13:30	n/a	n/a	n/a	n/a	4	1	0	5	1.25	4	2	0	6	8	11	0	248	11			
13:30	to 13:45	n/a	n/a	n/a	n/a	4	1	0	5	1.25	4	2	0	6	8	11	0	235	11			
13:45	to 14:00	n/a	n/a	n/a	n/a	3	1	0	4	1.33	3	1	0	4	6	8	0	253	12			
14:00	to 14:15	n/a	n/a	n/a	n/a	5	2	0	7	1.40	1	0	0	1	6	8	0	267	13			
14:15	to 14:30	n/a	n/a	n/a	n/a	4	1	1	6	1.25	2	1	0	3	7	9	0	257	15			
14:30	to 14:45	n/a	n/a	n/a	n/a	4	1	0	5	1.25	4	2	1	7	9	12	0	236	17			
14:45	to 15:00	n/a	n/a	n/a	n/a	4	1	0	5	1.25	5	3	0	8	9	13	0	286	16			
15:00	to 15:15	n/a	n/a	n/a	n/a	1	1	0	2	2.00	5	2	0	7	6	9	0	310	14			
15:15	to 15:30	n/a	n/a	n/a	n/a	7	3	0	10	1.43	3	1	0	4	10	14	0	315	13			
15:30	to 15:45	n/a	n/a	n/a	n/a	10	5	0	15	1.50	5	2	0	7	15	22	0	388	13			
15:45	to 16:00	n/a	n/a	n/a	n/a	4	2	0	6	1.50	7	3	0	10	11	16	0	391	15			
16:00	to 16:15	n/a	n/a	n/a	n/a	3	2	0	5	1.67	6	3	0	9	9	14	0	367	17			
16:15	to 16:30	n/a	n/a	n/a	n/a	3	1	0	4	1.33	5	2	1	8	8	12	0	385	16			
16:30	to 16:45	n/a	n/a	n/a	n/a	3	2	0	5	1.67	9	4	0	13	12	18	0	340	15			
16:45	to 17:00	n/a	n/a	n/a	n/a	3	1	0	4	1.33	5	2	1	8	8	12	0	449	11			
17:00	to 17:15	n/a	n/a	n/a	n/a	3	1	0	4	1.33	3	1	0	4	6	8	0	398	7			
17:15	to 17:30	n/a	n/a	n/a	n/a	3	1	0	4	1.33	4	1	0	5	7	9	0	402	7			
17:30	to 17:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	4	1	0	5	5	7	0	386	8			
17:45	to 18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	0	1	3	2	3	0	397	4			
18:00	to 18:15	n/a	n/a	n/a	n/a	4	2	0	6	1.50	7	1	1	9	11	15	0	401	0			
18:15	to 18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	0	0	2	2	2	0	382	0			
18:30	to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0			
18:45	to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0			
TOTAL		n/a	n/a	n/a	n/a	158	83	12	253	1.55	160	67	25	252	335	505	0	12872	12872			

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.45 Site S8 Sans Souci Medical Practice, Sans Souci – Survey Results – Hourly data – rolling at 15 minute intervals – Tuesday 24/03/2015.

DATE	24 March 2015		Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219												Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data	
WEATHER Rain							IN				OUT									
TIME			IN	OUT	Total	Occupancy	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	NB	SB	Vehicles
AM																				
7:00	to	8:00	n/a	n/a	n/a	n/a	6	3	0	9	1.50	0	0	0	0	6	9	0	670	670
7:15	to	8:15	n/a	n/a	n/a	n/a	9	5	0	14	1.56	0	0	0	0	9	14	0	907	907
7:30	to	8:30	n/a	n/a	n/a	n/a	11	6	0	17	1.55	0	0	0	0	11	17	0	942	942
7:45	to	8:45	n/a	n/a	n/a	n/a	15	8	1	24	1.53	3	3	0	6	18	30	0	977	977
8:00	to	9:00	n/a	n/a	n/a	n/a	17	9	1	27	1.53	4	4	0	8	21	35	0	971	971
8:15	to	9:15	n/a	n/a	n/a	n/a	17	9	2	28	1.53	6	5	0	11	24	39	0	963	963
8:30	to	9:30	n/a	n/a	n/a	n/a	19	11	3	33	1.58	10	7	2	19	32	52	0	954	954
8:45	to	9:45	n/a	n/a	n/a	n/a	16	10	3	29	1.63	10	5	3	18	30	47	0	878	878
9:00	to	10:00	n/a	n/a	n/a	n/a	14	10	4	28	1.71	14	6	5	25	33	53	0	877	877
9:15	to	10:15	n/a	n/a	n/a	n/a	14	10	4	28	1.71	16	7	7	30	36	58	0	875	875
9:30	to	10:30	n/a	n/a	n/a	n/a	13	9	4	26	1.69	15	6	7	28	34	54	0	896	896
9:45	to	10:45	n/a	n/a	n/a	n/a	13	9	3	25	1.69	15	6	8	29	34	54	0	938	938
10:00	to	11:00	n/a	n/a	n/a	n/a	15	10	3	28	1.67	13	5	7	25	34	53	0	977	977
10:15	to	11:15	n/a	n/a	n/a	n/a	19	13	3	35	1.68	16	6	6	28	39	63	0	980	980
10:30	to	11:30	n/a	n/a	n/a	n/a	22	15	2	39	1.68	21	9	5	35	45	74	0	959	959
10:45	to	11:45	n/a	n/a	n/a	n/a	20	14	2	36	1.70	20	9	4	33	42	69	0	974	974
11:00	to	12:00	n/a	n/a	n/a	n/a	18	13	1	32	1.72	19	9	4	32	39	64	0	956	956
11:15	to	12:15	n/a	n/a	n/a	n/a	14	10	1	25	1.71	15	7	4	26	25	51	0	974	974
11:30	to	12:30	n/a	n/a	n/a	n/a	14	10	1	25	1.71	12	5	4	21	17	46	0	982	982
11:45	to	12:45	n/a	n/a	n/a	n/a	14	9	1	24	1.64	14	6	3	23	24	47	0	994	994
PM																				
12:00	to	13:00	n/a	n/a	n/a	n/a	11	7	1	19	1.64	16	7	3	26	27	45	0	1042	1042
12:15	to	13:15	n/a	n/a	n/a	n/a	12	6	1	19	1.50	17	8	3	28	31	47	0	1080	1080
12:30	to	13:30	n/a	n/a	n/a	n/a	10	3	1	14	1.30	16	8	2	26	28	40	0	1089	1089
12:45	to	13:45	n/a	n/a	n/a	n/a	13	4	1	18	1.31	16	8	2	26	31	44	0	1063	1063
13:00	to	14:00	n/a	n/a	n/a	n/a	15	4	1	20	1.27	15	7	1	23	32	43	0	1022	1022
13:15	to	14:15	n/a	n/a	n/a	n/a	16	5	0	21	1.31	12	5	0	17	28	38	0	1003	1003
13:30	to	14:30	n/a	n/a	n/a	n/a	16	5	1	22	1.31	10	4	0	14	27	36	0	1012	1012
13:45	to	14:45	n/a	n/a	n/a	n/a	16	5	1	22	1.31	10	4	1	15	28	37	0	1013	1013
14:00	to	15:00	n/a	n/a	n/a	n/a	17	5	1	23	1.29	12	6	1	19	31	42	0	1046	1046
14:15	to	15:15	n/a	n/a	n/a	n/a	13	4	1	18	1.31	16	8	1	25	31	43	0	1089	1089
14:30	to	15:30	n/a	n/a	n/a	n/a	16	6	0	22	1.38	17	8	1	26	34	48	0	1147	1147
14:45	to	15:45	n/a	n/a	n/a	n/a	22	10	0	32	1.45	18	8	0	26	40	58	0	1299	1299
15:00	to	16:00	n/a	n/a	n/a	n/a	22	11	0	33	1.50	20	8	0	28	42	61	0	1404	1404
15:15	to	16:15	n/a	n/a	n/a	n/a	24	12	0	36	1.50	21	9	0	30	45	66	0	1461	1461
15:30	to	16:30	n/a	n/a	n/a	n/a	20	10	0	30	1.50	23	10	1	34	43	64	0	1531	1531
15:45	to	16:45	n/a	n/a	n/a	n/a	13	7	0	20	1.54	27	12	1	40	40	60	0	1483	1483
16:00	to	17:00	n/a	n/a	n/a	n/a	12	6	0	18	1.50	25	11	2	38	37	56	0	1541	1541
16:15	to	17:15	n/a	n/a	n/a	n/a	12	5	0	17	1.42	22	9	2	33	34	50	0	1572	1572
16:30	to	17:30	n/a	n/a	n/a	n/a	12	5	0	17	1.42	21	8	1	30	33	47	0	1589	1589
16:45	to	17:45	n/a	n/a	n/a	n/a	10	4	0	14	1.40	16	5	1	22	26	36	0	1635	1635
17:00	to	18:00	n/a	n/a	n/a	n/a	7	3	0	10	1.43	13	3	1	17	20	27	0	1583	1583
17:15	to	18:15	n/a	n/a	n/a	n/a	8	4	0	12	1.50	17	3	2	22	25	34	0	1586	1586
17:30	to	18:30	n/a	n/a	n/a	n/a	5	3	0	8	1.60	15	2	2	19	20	27	0	1566	1566
17:45	to	18:45	n/a	n/a	n/a	n/a	4	2	0	6	1.50	11	1	2	14	15	20	0	1180	1180
18:00	to	19:00	n/a	n/a	n/a	n/a	4	2	0	6	1.50	9	1	1	11	13	17	0	783	783

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.46 Site S8 Sans Souci Medical Practice, Sans Souci – Hourly data – Consecutive – Tuesday 24/03/2015.

DATE	24 March 2015		Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219													Grand Total		Main Road Data ⁵		Grand Total - Main Road Data ⁵		
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Rain							IN					OUT										
TIME			IN	OUT	Total	Occupancy	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	NB	SB	Vehicles		
AM																						
7:00	to	8:00	n/a	n/a	n/a	n/a	6	3	0	9	1.50	0	0	0	0	n/a	9	0	670	670		
8:00	to	9:00	n/a	n/a	n/a	n/a	17	9	n/a	1	27	1.53	4	4	0	8	21	35	0	971	971	
9:00	to	10:00	n/a	n/a	n/a	n/a	14	10	4	28	1.71	14	6	5	25	33	53	0	877	877		
10:00	to	11:00	n/a	n/a	n/a	n/a	15	10	3	28	1.67	13	5	7	25	34	53	0	977	977		
11:00	to	12:00	n/a	n/a	n/a	n/a	18	13	1	32	1.72	19	9	4	32	39	64	0	956	956		
PM																						
12:00	to	13:00	n/a	n/a	n/a	n/a	11	7	1	19	1.64	16	7	3	26	27	45	0	1042	1042		
13:00	to	14:00	n/a	n/a	n/a	n/a	15	4	n/a	1	20	1.27	15	7	1	23	32	43	0	1022	1022	
14:00	to	15:00	n/a	n/a	n/a	n/a	17	5	1	23	1.29	12	6	1	19	31	42	0	1046	1046		
15:00	to	16:00	n/a	n/a	n/a	n/a	22	11	0	33	1.50	20	8	0	28	42	61	0	1404	1404		
16:00	to	17:00	n/a	n/a	n/a	n/a	12	6	0	18	1.50	25	11	2	38	37	56	0	1541	1541		
17:00	to	18:00	n/a	n/a	n/a	n/a	7	3	0	10	1.43	13	3	1	17	20	27	0	1583	1583		
18:00	to	19:00	n/a	n/a	n/a	n/a	4	2	0	6	1.50	9	1	1	11	13	17	0	783	783		
Total			n/a	n/a	n/a	n/a	158	83	12	253	1.53	160	67	25	252	329	505	0	12872	12872		

Table 3.47 Site S8 Sans Souci Medical Practice, Sans Souci – Travel mode – Tuesday 24/03/2015.

DATE 24 March 2015		Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219												
Average group size (people)	Average duration of stay (hrs)			Travel Mode										
				Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.31	0:35	IN	Total	79	32	2	5	3	0	0	0	0	8	0
			%	61.2	24.8	1.6	3.9	2.3	0.0	0.0	0.0	0.0	6.2	0.0
		OUT	Total	79	32	1	3	4	0	0	0	0	9	0
			%	61.7	25.0	0.8	2.3	3.1	0.0	0.0	0.0	0.0	7.0	0.0

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.34 overlaid consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

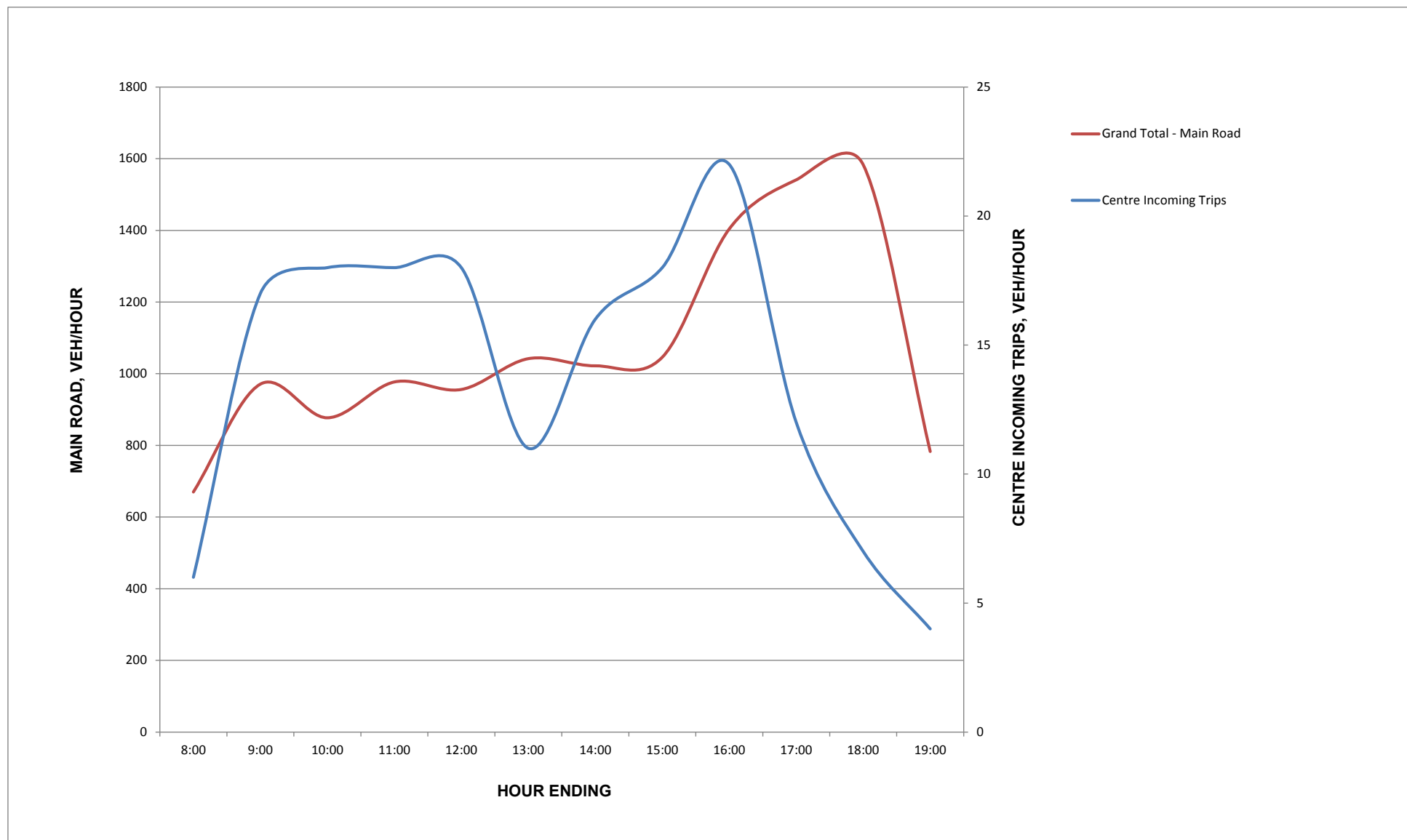


Figure 3.12 Site S8 Sans Souci Medical Practice, Sans Souci – Hourly trip distribution – Vehicles – Tuesday 24/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.13 Site S8 Sans Souci Medical Practice, Sans Souci NSW 2219 – Wednesday 25/03/2015.

Table 3.48 Site S8 Sans Souci Medical Practice, Sans Souci – Survey Results – 15-minute interval data – Wednesday 25/03/2015.

DATE 25 March 2015	Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219													Grand Total	Main Road Data	Grand Total - Main Road	Parking Demand ⁴
15 minute Data														15 minute Data	15 minute Data	15 minute Data	15 minute Data
WEATHER Fine	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)									Vehicles ³		Persons	
TIME	IN	OUT	Total	Occupancy	IN					OUT				Vehicles ³		Persons	
AM					Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total				
7:00 to 7:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0
7:15 to 7:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0
7:30 to 7:45	n/a	n/a	n/a	n/a	2	1	0	3	1.50	0	0	0	0	2	3	0	214
7:45 to 8:00	n/a	n/a	n/a	n/a	4	1	1	6	1.25	0	0	0	0	5	6	0	253
8:00 to 8:15	n/a	n/a	n/a	n/a	4	1	0	5	1.25	9	0	0	9	13	14	0	251
8:15 to 8:30	n/a	n/a	n/a	n/a	3	1	0	4	1.33	1	0	0	1	4	5	0	258
8:30 to 8:45	n/a	n/a	n/a	n/a	4	1	1	6	1.25	5	0	0	5	10	11	0	246
8:45 to 9:00	n/a	n/a	n/a	n/a	8	3	1	12	1.38	1	0	0	1	10	13	0	275
9:00 to 9:15	n/a	n/a	n/a	n/a	3	2	3	8	1.67	3	1	2	6	6	14	0	245
9:15 to 9:30	n/a	n/a	n/a	n/a	3	2	3	8	1.67	3	1	1	5	6	13	0	232
9:30 to 9:45	n/a	n/a	n/a	n/a	2	1	1	4	1.50	3	1	2	6	5	10	0	246
9:45 to 10:00	n/a	n/a	n/a	n/a	2	1	1	4	1.50	3	1	1	5	5	9	0	258
10:00 to 10:15	n/a	n/a	n/a	n/a	4	3	2	9	1.75	4	2	1	7	8	16	0	257
10:15 to 10:30	n/a	n/a	n/a	n/a	4	3	2	9	1.75	4	2	1	7	8	16	0	203
10:30 to 10:45	n/a	n/a	n/a	n/a	1	1	1	3	2.00	2	1	0	3	3	6	0	259
10:45 to 11:00	n/a	n/a	n/a	n/a	3	2	3	8	1.67	7	3	2	12	10	20	0	218
11:00 to 11:15	n/a	n/a	n/a	n/a	5	3	0	8	1.60	6	4	2	12	11	20	0	220
11:15 to 11:30	n/a	n/a	n/a	n/a	7	4	0	11	1.57	2	1	1	4	9	15	0	246
11:30 to 11:45	n/a	n/a	n/a	n/a	3	2	0	5	1.67	3	2	2	7	6	12	0	255
11:45 to 12:00	n/a	n/a	n/a	n/a	4	2	0	6	1.50	2	2	1	5	6	11	0	239
PM																	
12:00 to 12:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	1	1	0	2	3	5	0	261
12:15 to 12:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	3	2	1	6	5	9	0	248
12:30 to 12:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	4	3	2	9	5	11	0	219
12:45 to 13:00	n/a	n/a	n/a	n/a	2	1	0	3	1.50	3	2	2	7	5	10	0	223
13:00 to 13:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	4	2	0	6	6	9	0	287
13:15 to 13:30	n/a	n/a	n/a	n/a	3	1	1	5	1.33	0	0	0	0	3	5	0	253
13:30 to 13:45	n/a	n/a	n/a	n/a	4	2	0	6	1.50	1	0	0	1	5	7	0	251
13:45 to 14:00	n/a	n/a	n/a	n/a	4	2	0	6	1.50	3	1	0	4	7	10	0	266
14:00 to 14:15	n/a	n/a	n/a	n/a	5	3	1	9	1.60	3	1	0	4	9	13	0	289
14:15 to 14:30	n/a	n/a	n/a	n/a	2	1	1	4	1.50	4	2	0	6	7	10	0	259
14:30 to 14:45	n/a	n/a	n/a	n/a	3	1	1	5	1.33	2	1	0	3	5	8	0	310
14:45 to 15:00	n/a	n/a	n/a	n/a	4	2	1	7	1.50	3	2	0	5	8	12	0	364
15:00 to 15:15	n/a	n/a	n/a	n/a	6	3	1	10	1.50	3	2	1	6	9	16	0	273
15:15 to 15:30	n/a	n/a	n/a	n/a	3	2	1	6	1.67	5	3	2	10	9	16	0	364
15:30 to 15:45	n/a	n/a	n/a	n/a	3	2	0	5	1.67	2	1	1	4	5	9	0	398
15:45 to 16:00	n/a	n/a	n/a	n/a	5	3	0	8	1.60	3	2	1	6	8	14	0	378
16:00 to 16:15	n/a	n/a	n/a	n/a	2	1	1	4	1.50	5	3	2	10	7	14	0	356
16:15 to 16:30	n/a	n/a	n/a	n/a	2	1	1	4	1.50	2	1	1	4	4	8	0	392
16:30 to 16:45	n/a	n/a	n/a	n/a	4	2	1	7	1.50	3	2	0	5	7	12	0	367
16:45 to 17:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	3	2	0	5	4	7	0	405
17:00 to 17:15	n/a	n/a	n/a	n/a	6	6	0	12	2.00	4	2	1	7	11	19	0	421
17:15 to 17:30	n/a	n/a	n/a	n/a	2	2	0	4	2.00	3	2	1	6	5	10	0	409
17:30 to 17:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	1	1	4	3	6	0	394
17:45 to 18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	1	2	0	386
18:00 to 18:15	n/a	n/a	n/a	n/a	1	1	0	2	2.00	5	3	1	9	6	11	0	420
18:15 to 18:30	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	1	0	3	3	5	0	324
18:30 to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	127
18:45 to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0
TOTAL	n/a	n/a	n/a	n/a	137	77	29	243	1.60	132	64	33	229	277	472	0	13019

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.49 Site S8 Sans Souci Medical Practice, Sans Souci – Survey Results – Hourly data – rolling at 15 minute intervals – Wednesday 25/03/2015.

DATE	25 March 2015		Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219												Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine			IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	NB	SB	Vehicles	
TIME							Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total
AM																				
7:00	to	8:00	n/a	n/a	n/a	n/a	6	2	1	9	1.33	0	0	0	0	7	9	0	467	467
7:15	to	8:15	n/a	n/a	n/a	n/a	10	3	1	14	1.30	9	0	0	9	20	23	0	718	718
7:30	to	8:30	n/a	n/a	n/a	n/a	13	4	1	18	1.31	10	0	0	10	24	28	0	976	976
7:45	to	8:45	n/a	n/a	n/a	n/a	15	4	2	21	1.27	15	0	0	15	32	36	0	1008	1008
8:00	to	9:00	n/a	n/a	n/a	n/a	19	6	2	27	1.32	16	0	0	16	37	43	0	1030	1030
8:15	to	9:15	n/a	n/a	n/a	n/a	18	7	5	30	1.39	10	1	2	13	30	43	0	1024	1024
8:30	to	9:30	n/a	n/a	n/a	n/a	18	8	8	34	1.44	12	2	3	17	32	51	0	998	998
8:45	to	9:45	n/a	n/a	n/a	n/a	16	8	8	32	1.50	10	3	5	18	27	50	0	998	998
9:00	to	10:00	n/a	n/a	n/a	n/a	10	6	8	24	1.60	12	4	6	22	22	46	0	981	981
9:15	to	10:15	n/a	n/a	n/a	n/a	11	7	7	25	1.64	13	5	5	23	24	48	0	993	993
9:30	to	10:30	n/a	n/a	n/a	n/a	12	8	6	26	1.67	14	6	5	25	26	51	0	964	964
9:45	to	10:45	n/a	n/a	n/a	n/a	11	8	6	25	1.73	13	6	3	22	24	47	0	977	977
10:00	to	11:00	n/a	n/a	n/a	n/a	12	9	8	29	1.75	17	8	4	29	29	58	0	937	937
10:15	to	11:15	n/a	n/a	n/a	n/a	13	9	6	28	1.69	19	10	5	34	32	62	0	900	900
10:30	to	11:30	n/a	n/a	n/a	n/a	16	10	4	30	1.63	17	9	5	31	33	61	0	943	943
10:45	to	11:45	n/a	n/a	n/a	n/a	18	11	3	32	1.61	18	10	7	35	36	67	0	939	939
11:00	to	12:00	n/a	n/a	n/a	n/a	19	11	0	30	1.58	13	9	6	28	32	58	0	960	960
11:15	to	12:15	n/a	n/a	n/a	n/a	16	9	0	25	1.56	8	6	4	18	21	43	0	1001	1001
11:30	to	12:30	n/a	n/a	n/a	n/a	11	6	0	17	1.55	9	7	4	20	15	37	0	1003	1003
11:45	to	12:45	n/a	n/a	n/a	n/a	9	5	0	14	1.56	10	8	4	22	14	36	0	967	967
PM																				
12:00	to	13:00	n/a	n/a	n/a	n/a	7	4	0	11	1.57	11	8	5	24	18	35	0	951	951
12:15	to	13:15	n/a	n/a	n/a	n/a	7	4	0	11	1.57	14	9	5	28	21	39	0	977	977
12:30	to	13:30	n/a	n/a	n/a	n/a	8	4	1	13	1.50	11	7	4	22	19	35	0	982	982
12:45	to	13:45	n/a	n/a	n/a	n/a	11	5	1	17	1.45	8	4	2	14	19	31	0	1014	1014
13:00	to	14:00	n/a	n/a	n/a	n/a	13	6	1	20	1.46	8	3	0	11	21	31	0	1057	1057
13:15	to	14:15	n/a	n/a	n/a	n/a	16	8	2	26	1.50	7	2	0	9	24	35	0	1059	1059
13:30	to	14:30	n/a	n/a	n/a	n/a	15	8	2	25	1.53	11	4	0	15	28	40	0	1065	1065
13:45	to	14:45	n/a	n/a	n/a	n/a	14	7	3	24	1.50	12	5	0	17	28	41	0	1124	1124
14:00	to	15:00	n/a	n/a	n/a	n/a	14	7	4	25	1.50	12	6	0	18	29	43	0	1222	1222
14:15	to	15:15	n/a	n/a	n/a	n/a	15	7	4	26	1.47	12	7	1	20	29	46	0	1206	1206
14:30	to	15:30	n/a	n/a	n/a	n/a	16	8	4	28	1.50	13	8	3	24	31	52	0	1311	1311
14:45	to	15:45	n/a	n/a	n/a	n/a	16	9	3	28	1.56	13	8	4	25	31	53	0	1399	1399
15:00	to	16:00	n/a	n/a	n/a	n/a	17	10	2	29	1.59	13	8	5	26	31	55	0	1413	1413
15:15	to	16:15	n/a	n/a	n/a	n/a	13	8	2	23	1.62	15	9	6	30	29	53	0	1496	1496
15:30	to	16:30	n/a	n/a	n/a	n/a	12	7	2	21	1.58	12	7	5	24	24	45	0	1524	1524
15:45	to	16:45	n/a	n/a	n/a	n/a	13	7	3	23	1.54	13	8	4	25	26	48	0	1493	1493
16:00	to	17:00	n/a	n/a	n/a	n/a	9	5	3	17	1.56	13	8	3	24	22	41	0	1520	1520
16:15	to	17:15	n/a	n/a	n/a	n/a	13	10	2	25	1.77	12	7	2	21	26	46	0	1585	1585
16:30	to	17:30	n/a	n/a	n/a	n/a	13	11	1	25	1.85	13	8	2	23	27	48	0	1602	1602
16:45	to	17:45	n/a	n/a	n/a	n/a	10	10	0	20	2.00	12	7	3	22	23	42	0	1629	1629
17:00	to	18:00	n/a	n/a	n/a	n/a	9	9	0	18	2.00	10	6	3	19	20	37	0	1610	1610
17:15	to	18:15	n/a	n/a	n/a	n/a	4	4	0	8	2.00	11	7	3	21	15	29	0	1609	1609
17:30	to	18:30	n/a	n/a	n/a	n/a	3	3	0	6	2.00	10	6	2	18	13	24	0	1524	1524
17:45	to	18:45	n/a	n/a	n/a	n/a	2	2	0	4	2.00	8	5	1	14	10	18	0	1257	1257
18:00	to	19:00	n/a	n/a	n/a	n/a	2	2	0	4	2.00	7	4	1	12	9	16	0	871	871

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.50 Site S8 Sans Souci Medical Practice, Sans Souci – Hourly data – Consecutive – Wednesday 25/03/2015.

DATE	25 March 2015		Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219												Grand Total		Main Road Data ⁵		Grand Total - Main Road	
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine							IN				OUT									
TIME			IN	OUT	Total	Occupancy	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	NB	SB	Vehicles
AM																				
7:00	to	8:00	n/a	n/a	n/a	n/a	6	2	1	9	1.33	0	0	0	0	7	9	0	467	467
8:00	to	9:00	n/a	n/a	n/a	n/a	19	6	2	27	1.32	16	0	0	16	37	43	0	1030	1030
9:00	to	10:00	n/a	n/a	n/a	n/a	10	6	8	24	1.60	12	4	6	22	22	46	0	981	981
10:00	to	11:00	n/a	n/a	n/a	n/a	12	9	8	29	1.75	17	8	4	29	29	58	0	937	937
11:00	to	12:00	n/a	n/a	n/a	n/a	19	11	0	30	1.58	13	9	6	28	32	58	0	960	960
PM																				
12:00	to	13:00	n/a	n/a	n/a	n/a	7	4	0	11	1.57	11	8	5	24	18	35	0	951	951
13:00	to	14:00	n/a	n/a	n/a	n/a	13	6	1	20	1.46	8	3	0	11	21	31	0	1057	1057
14:00	to	15:00	n/a	n/a	n/a	n/a	14	7	4	25	1.50	12	6	0	18	29	43	0	1222	1222
15:00	to	16:00	n/a	n/a	n/a	n/a	17	10	2	29	1.59	13	8	5	26	31	55	0	1413	1413
16:00	to	17:00	n/a	n/a	n/a	n/a	9	5	3	17	1.56	13	8	3	24	22	41	0	1520	1520
17:00	to	18:00	n/a	n/a	n/a	n/a	9	9	0	18	2.00	10	6	3	19	20	37	0	1610	1610
18:00	to	19:00	n/a	n/a	n/a	n/a	2	2	0	4	2.00	7	4	1	12	9	16	0	871	871
Total			n/a	n/a	n/a	n/a	137	77	29	243	1.56	132	64	33	229	277	472	0	13019	13019

Table 3.51 Site S8 Sans Souci Medical Practice, Sans Souci – Travel mode – Wednesday 25/03/2015.

DATE 25 March 2015	Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219												
Average group size (people)	Average duration of stay (hrs)	Travel Mode											
		Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other	
1.42	0:35	IN	Total	82	43	4	0	5	1	0	0	14	0
			%	55.0	28.9	2.7	0.0	3.4	0.7	0.0	0.0	9.4	0.0
		OUT	Total	82	43	2	0	5	1	0	0	14	0
			%	55.8	29.3	1.4	0.0	3.4	0.7	0.0	0.0	9.5	0.0

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² The number of incoming trips in Figure 3.35 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.⁴ Total person drivers (cars) in and out.⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

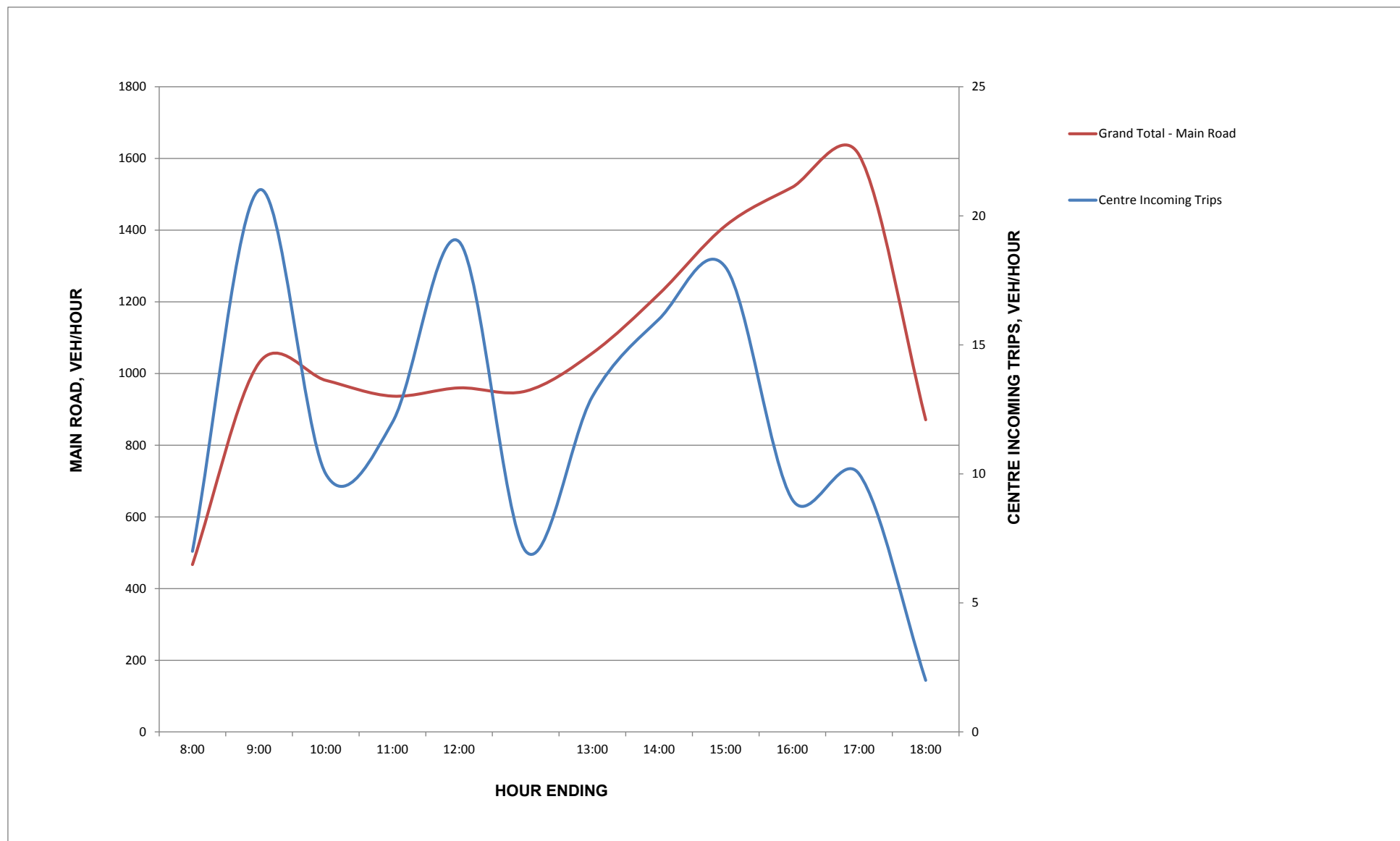


Figure 3.13 Site S8 Sans Souci Medical Practice, Sans Souci – Hourly trip distribution – Vehicles – Wednesday 25/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.14 Site S8 Sans Souci Medical Practice, Sans Souci NSW 2219 – Thursday 26/03/2015

Table 3.52 Site S8 Sans Souci Medical Practice, Sans Souci – Survey Results – 15-minute interval data – Thursday 26/03/2015.

DATE	26 March 2015		Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219													Grand Total		Main Road Data		Grand Total - Main Road		Parking Demand ⁴	
15 minute Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data		
WEATHER Fine							IN					OUT											
TIME			IN	OUT	Total	Occupancy	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	NB	SB	Vehicles	On street		
AM																							
7:00	to	7:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0			
7:15	to	7:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	196	196			
7:30	to	7:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	224	224			
7:45	to	8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	248	248			
8:00	to	8:15	n/a	n/a	n/a	n/a	4	2	0	6	1.50	0	0	0	0	4	6	0	261	261			
8:15	to	8:30	n/a	n/a	n/a	n/a	5	3	0	8	1.60	1	0	0	1	6	9	0	240	240			
8:30	to	8:45	n/a	n/a	n/a	n/a	3	2	0	5	1.67	2	1	0	3	5	8	0	266	266			
8:45	to	9:00	n/a	n/a	n/a	n/a	5	3	1	9	1.60	3	2	1	6	8	15	0	259	259			
9:00	to	9:15	n/a	n/a	n/a	n/a	3	2	2	7	1.67	5	3	2	10	9	17	0	264	264			
9:15	to	9:30	n/a	n/a	n/a	n/a	4	2	3	9	1.50	2	1	1	4	7	13	0	258	258			
9:30	to	9:45	n/a	n/a	n/a	n/a	4	2	3	9	1.50	4	2	1	7	9	16	0	229	229			
9:45	to	10:00	n/a	n/a	n/a	n/a	5	3	3	11	1.60	3	2	1	6	9	17	0	260	260			
10:00	to	10:15	n/a	n/a	n/a	n/a	3	2	2	7	1.67	6	3	2	11	10	18	0	213	213			
10:15	to	10:30	n/a	n/a	n/a	n/a	4	2	2	8	1.50	3	2	1	6	7	14	0	241	241			
10:30	to	10:45	n/a	n/a	n/a	n/a	2	1	2	5	1.50	5	3	1	9	8	14	0	278	278			
10:45	to	11:00	n/a	n/a	n/a	n/a	6	4	3	13	1.67	4	2	2	8	11	21	0	245	245			
11:00	to	11:15	n/a	n/a	n/a	n/a	7	2	1	10	1.29	6	2	2	10	13	20	0	240	240			
11:15	to	11:30	n/a	n/a	n/a	n/a	5	2	1	8	1.40	4	1	1	6	10	14	0	233	233			
11:30	to	11:45	n/a	n/a	n/a	n/a	5	1	1	7	1.20	6	2	2	10	11	17	0	251	251			
11:45	to	12:00	n/a	n/a	n/a	n/a	5	2	1	8	1.40	6	1	2	9	12	17	0	254	254			
PM																							
12:00	to	12:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	8	2	3	13	10	16	0	241	241			
12:15	to	12:30	n/a	n/a	n/a	n/a	3	1	1	5	1.33	7	2	2	11	11	16	0	227	227			
12:30	to	12:45	n/a	n/a	n/a	n/a	5	1	1	7	1.20	6	2	2	10	11	17	0	212	212			
12:45	to	13:00	n/a	n/a	n/a	n/a	6	2	1	9	1.33	7	2	2	11	14	20	0	279	279			
13:00	to	13:15	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	1	4	3	5	0	230	230			
13:15	to	13:30	n/a	n/a	n/a	n/a	3	2	0	5	1.67	0	0	1	1	3	6	0	260	260			
13:30	to	13:45	n/a	n/a	n/a	n/a	4	2	1	7	1.50	4	3	2	9	8	16	0	282	282			
13:45	to	14:00	n/a	n/a	n/a	n/a	5	3	2	10	1.60	0	0	1	1	5	11	0	262	262			
14:00	to	14:15	n/a	n/a	n/a	n/a	3	2	0	5	1.67	3	2	1	6	6	11	0	301	301			
14:15	to	14:30	n/a	n/a	n/a	n/a	5	3	1	9	1.60	2	2	1	5	7	14	0	259	259			
14:30	to	14:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	4	3	2	9	5	11	0	285	285			
14:45	to	15:00	n/a	n/a	n/a	n/a	3	2	0	5	1.67	1	1	1	3	4	8	0	294	294			
15:00	to	15:15	n/a	n/a	n/a	n/a	3	2	0	5	1.67	3	1	1	5	6	10	0	365	365			
15:15	to	15:30	n/a	n/a	n/a	n/a	2	1	1	4	1.50	2	1	1	4	5	8	0	314	314			
15:30	to	15:45	n/a	n/a	n/a	n/a	2	1	1	4	1.50	2	1	1	4	5	8	0	383	383			
15:45	to	16:00	n/a	n/a	n/a	n/a	8	4	1	13	1.50	2	1	1	4	10	17	0	426	426			
16:00	to	16:15	n/a	n/a	n/a	n/a	2	1	1	4	1.50	6	2	2	10	9	14	0	379	379			
16:15	to	16:30	n/a	n/a	n/a	n/a	7	4	0	11	1.57	7	3	1	11	14	22	0	384	384			
16:30	to	16:45	n/a	n/a	n/a	n/a	3	2	0	5	1.67	4	2	1	7	7	12	0	377	377			
16:45	to	17:00	n/a	n/a	n/a	n/a	2	1	1	4	1.50	7	3	1	11	10	15	0	432	432			
17:00	to	17:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	2	1	1	4	4	7	0	391	391			
17:15	to	17:30	n/a	n/a	n/a	n/a	3	1	0	4	1.33	4	2	0	6	7	10	0	421	421			
17:30	to	17:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	1	4	3	5	0	422	422			
17:45	to	18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	1	0	3	2	3	0	331	331			
18:00	to	18:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	5	2	1	8	7	11	0	353	353			
18:15	to	18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	3	2	0	5	3	5	0	329	329			
18:30	to	18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	67	67			
18:45	to	19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0			
TOTAL			n/a	n/a	n/a	n/a	148	74	37	259	1.50	155	70	50	275	318	534	0	13166	13166			

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.53 Site S8 Sans Souci Medical Practice, Sans Souci – Survey Results – Hourly data – rolling at 15 minute intervals – Thursday 26/03/2015.

DATE	26 March 2015		Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219												Grand Total		Main Road Data		Grand Total - Main Road			
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine			IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	NB	SB	Vehicles			
TIME							Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total		
AM																						
7:00	to	8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	668		668			
7:15	to	8:15	n/a	n/a	n/a	n/a	4	2	0	6	1.50	0	0	0	0	0	929		929			
7:30	to	8:30	n/a	n/a	n/a	n/a	9	5	0	14	1.56	1	0	0	1	0	973		973			
7:45	to	8:45	n/a	n/a	n/a	n/a	12	7	0	19	1.58	3	1	0	4	0	1015		1015			
8:00	to	9:00	n/a	n/a	n/a	n/a	17	10	1	28	1.59	6	3	1	10	0	1026		1026			
8:15	to	9:15	n/a	n/a	n/a	n/a	16	10	3	29	1.63	11	6	3	20	0	1029		1029			
8:30	to	9:30	n/a	n/a	n/a	n/a	15	9	6	30	1.60	12	7	4	23	0	1047		1047			
8:45	to	9:45	n/a	n/a	n/a	n/a	16	9	9	34	1.56	14	8	5	27	0	1010		1010			
9:00	to	10:00	n/a	n/a	n/a	n/a	16	9	11	36	1.56	14	8	5	27	0	1011		1011			
9:15	to	10:15	n/a	n/a	n/a	n/a	16	9	11	36	1.56	15	8	5	28	0	960		960			
9:30	to	10:30	n/a	n/a	n/a	n/a	16	9	10	35	1.56	16	9	5	30	0	943		943			
9:45	to	10:45	n/a	n/a	n/a	n/a	14	8	9	31	1.57	17	10	5	32	0	992		992			
10:00	to	11:00	n/a	n/a	n/a	n/a	15	9	9	33	1.60	18	10	6	34	0	977		977			
10:15	to	11:15	n/a	n/a	n/a	n/a	19	9	8	36	1.47	18	9	6	33	0	1004		1004			
10:30	to	11:30	n/a	n/a	n/a	n/a	20	9	7	36	1.45	19	8	6	33	0	996		996			
10:45	to	11:45	n/a	n/a	n/a	n/a	23	9	6	38	1.39	20	7	7	34	0	969		969			
11:00	to	12:00	n/a	n/a	n/a	n/a	22	7	4	33	1.32	22	6	7	35	0	978		978			
11:15	to	12:15	n/a	n/a	n/a	n/a	17	6	3	26	1.35	24	6	8	38	0	979		979			
11:30	to	12:30	n/a	n/a	n/a	n/a	15	5	3	23	1.33	27	7	9	43	0	973		973			
11:45	to	12:45	n/a	n/a	n/a	n/a	15	5	3	23	1.33	27	7	9	43	0	934		934			
PM																						
12:00	to	13:00	n/a	n/a	n/a	n/a	16	5	3	24	1.31	28	8	9	45	0	959		959			
12:15	to	13:15	n/a	n/a	n/a	n/a	15	4	3	22	1.27	22	7	7	36	0	948		948			
12:30	to	13:30	n/a	n/a	n/a	n/a	15	5	2	22	1.33	15	5	6	26	0	981		981			
12:45	to	13:45	n/a	n/a	n/a	n/a	14	6	2	22	1.43	13	6	6	25	0	1051		1051			
13:00	to	14:00	n/a	n/a	n/a	n/a	13	7	3	23	1.54	6	4	5	15	0	1034		1034			
13:15	to	14:15	n/a	n/a	n/a	n/a	15	9	3	27	1.60	7	5	5	17	0	1105		1105			
13:30	to	14:30	n/a	n/a	n/a	n/a	17	10	4	31	1.59	9	7	5	21	0	1104		1104			
13:45	to	14:45	n/a	n/a	n/a	n/a	14	9	3	26	1.64	9	7	5	21	0	1107		1107			
14:00	to	15:00	n/a	n/a	n/a	n/a	12	8	1	21	1.67	10	8	5	23	0	1139		1139			
14:15	to	15:15	n/a	n/a	n/a	n/a	12	8	1	21	1.67	10	7	5	22	0	1203		1203			
14:30	to	15:30	n/a	n/a	n/a	n/a	9	6	1	16	1.67	10	6	5	21	0	1258		1258			
14:45	to	15:45	n/a	n/a	n/a	n/a	10	6	2	18	1.60	8	4	4	16	0	1356		1356			
15:00	to	16:00	n/a	n/a	n/a	n/a	15	8	3	26	1.53	9	4	4	17	0	1488		1488			
15:15	to	16:15	n/a	n/a	n/a	n/a	14	7	4	25	1.50	12	5	5	22	0	1502		1502			
15:30	to	16:30	n/a	n/a	n/a	n/a	19	10	3	32	1.53	17	7	5	29	0	1572		1572			
15:45	to	16:45	n/a	n/a	n/a	n/a	20	11	2	33	1.55	19	8	5	32	0	1566		1566			
16:00	to	17:00	n/a	n/a	n/a	n/a	14	8	2	24	1.57	24	10	5	39	0	1572		1572			
16:15	to	17:15	n/a	n/a	n/a	n/a	14	8	1	23	1.57	20	9	4	33	0	1584		1584			
16:30	to	17:30	n/a	n/a	n/a	n/a	10	5	1	16	1.50	17	8	3	28	0	1621		1621			
16:45	to	17:45	n/a	n/a	n/a	n/a	8	3	1	12	1.38	15	7	3	25	0	1666		1666			
17:00	to	18:00	n/a	n/a	n/a	n/a	6	2	0	8	1.33	10	5	2	17	0	1565		1565			
17:15	to	18:15	n/a	n/a	n/a	n/a	6	2	0	8	1.33	13	6	2	21	0	1527		1527			
17:30	to	18:30	n/a	n/a	n/a	n/a	3	1	0	4	1.33	12	6	2	20	0	1435		1435			
17:45	to	18:45	n/a	n/a	n/a	n/a	2	1	0	3	1.50	10	5	1	16	0	1080		1080			
18:00	to	19:00	n/a	n/a	n/a	n/a	2	1	0	3	1.50	8	4	1	13	0	749		749			

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.54 Site S8 Sans Souci Medical Practice, Sans Souci – Hourly data – Consecutive – Thursday 26/03/2015.

DATE	26 March 2015		Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219													Grand Total		Main Road Data ⁵		Grand Total - Main Road		
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine			IN	OUT	Total	Occupancy	IN				OUT				Vehicles ⁴	Persons	NB	SB	Vehicles			
TIME							Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car						Total		
AM																						
7:00	to	8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	668	668			
8:00	to	9:00	n/a	n/a	n/a	n/a	17	10	n/a	1	28	1.59	6	3	1	10	23	1026	1026			
9:00	to	10:00	n/a	n/a	n/a	n/a	16	9	11	36	1.56	14	8	5	27	34	1011	1011				
10:00	to	11:00	n/a	n/a	n/a	n/a	15	9	9	33	1.60	18	10	6	34	36	977	977				
11:00	to	12:00	n/a	n/a	n/a	n/a	22	7	4	33	1.32	22	6	7	35	46	978	978				
PM																						
12:00	to	13:00	n/a	n/a	n/a	n/a	16	5	3	24	1.31	28	8	9	45	46	959	959				
13:00	to	14:00	n/a	n/a	n/a	n/a	13	7	3	23	1.54	6	4	5	15	19	1034	1034				
14:00	to	15:00	n/a	n/a	n/a	n/a	12	8	1	21	1.67	10	8	5	23	22	1139	1139				
15:00	to	16:00	n/a	n/a	n/a	n/a	15	8	3	26	1.53	9	4	4	17	26	1488	1488				
16:00	to	17:00	n/a	n/a	n/a	n/a	14	8	2	24	1.57	24	10	5	39	40	1572	1572				
17:00	to	18:00	n/a	n/a	n/a	n/a	6	2	0	8	1.33	10	5	2	17	16	1565	1565				
18:00	to	19:00	n/a	n/a	n/a	n/a	2	1	0	3	1.50	8	4	1	13	10	749	749				
Total			n/a	n/a	n/a	n/a	148	74	37	259	1.50	155	70	50	275	318	534	13166	13166			

Table 3.55 Site S8 Sans Souci Medical Practice, Sans Souci – Travel mode – Thursday 26/03/2015.

DATE 26 March 2015		Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219												
Average group size (people)	Average duration of stay (hrs)			Travel Mode										
				Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.40	0:35	IN	Total	81	36	3	1	3	1	0	0	0	17	0
			%	57.0	25.4	2.1	0.7	2.1	0.7	0.0	0.0	0.0	12.0	0.0
		OUT	Total	81	36	1	1	3	1	0	0	0	19	0
			%	57.0	25.4	0.7	0.7	2.1	0.7	0.0	0.0	0.0	13.4	0.0

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.36 overlaid consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

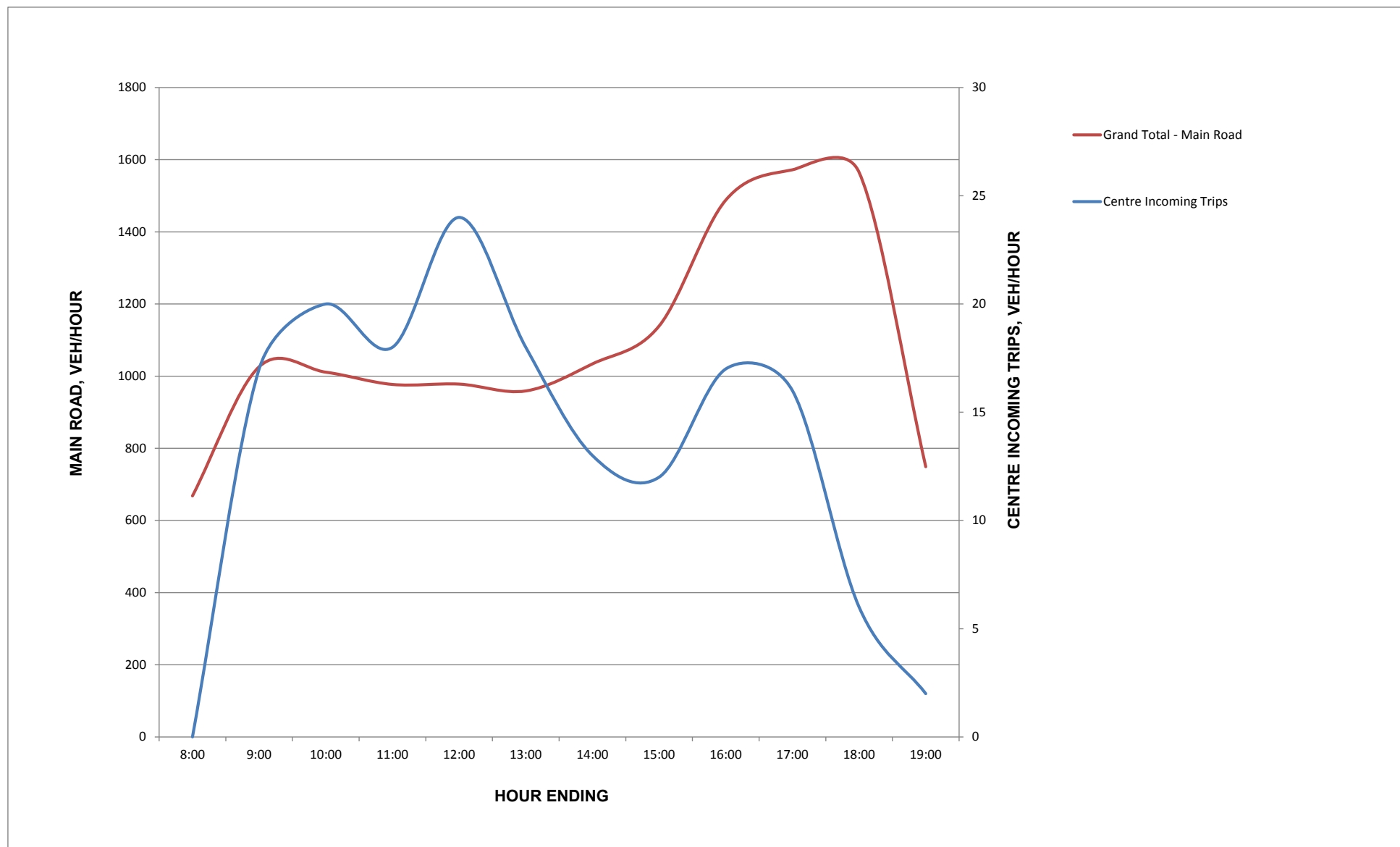


Figure 3.14 Site S8 Sans Souci Medical Practice, Sans Souci – Hourly trip distribution – Vehicles – Thursday 26/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.15 Site S8 Sans Souci Medical Practice, Sans Souci NSW 2219 – Friday 27/03/2015

Table 3.56 Site S8 Sans Souci Medical Practice, Sans Souci – Survey Results – 15-minute interval data – Friday 27/03/2015.

DATE	27 March 2015	Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219													Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand ⁴		
15 minute Data																			15 minute Data		15 minute Data	15 minute Data
WEATHER Fine		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)																
TIME		IN	OUT	Total	Occupancy	IN					OUT											
						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total								
AM																						
7:00	to 7:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0								
7:15	to 7:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0								
7:30	to 7:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0								
7:45	to 8:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	0	0	0	0								
8:00	to 8:15	n/a	n/a	n/a	n/a	1	1	0	2	2.00	0	0	0	0								
8:15	to 8:30	n/a	n/a	n/a	n/a	4	3	0	7	1.75	3	0	0	3								
8:30	to 8:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	4	0	0	4								
8:45	to 9:00	n/a	n/a	n/a	n/a	4	3	0	7	1.75	1	0	0	1								
9:00	to 9:15	n/a	n/a	n/a	n/a	4	2	0	6	1.50	3	1	1	5								
9:15	to 9:30	n/a	n/a	n/a	n/a	3	1	1	5	1.33	3	1	1	5								
9:30	to 9:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	1	0	2								
9:45	to 10:00	n/a	n/a	n/a	n/a	4	2	1	7	1.50	3	1	0	4								
10:00	to 10:15	n/a	n/a	n/a	n/a	3	1	1	5	1.33	2	1	0	3								
10:15	to 10:30	n/a	n/a	n/a	n/a	2	1	1	4	1.50	4	2	0	6								
10:30	to 10:45	n/a	n/a	n/a	n/a	4	2	0	6	1.50	4	2	1	7								
10:45	to 11:00	n/a	n/a	n/a	n/a	7	3	1	11	1.43	3	1	0	4								
11:00	to 11:15	n/a	n/a	n/a	n/a	7	2	1	10	1.29	4	2	0	6								
11:15	to 11:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	2	1	0	3								
11:30	to 11:45	n/a	n/a	n/a	n/a	1	0	1	2	1.00	1	1	0	2								
11:45	to 12:00	n/a	n/a	n/a	n/a	4	1	1	6	1.25	7	4	1	12								
PM																						
12:00	to 12:15	n/a	n/a	n/a	n/a	1	0	1	2	1.00	1	0	0	1								
12:15	to 12:30	n/a	n/a	n/a	n/a	4	1	0	5	1.25	3	2	0	5								
12:30	to 12:45	n/a	n/a	n/a	n/a	1	0	1	2	1.00	3	2	0	5								
12:45	to 13:00	n/a	n/a	n/a	n/a	1	0	1	2	1.00	1	1	0	2								
13:00	to 13:15	n/a	n/a	n/a	n/a	0	0	1	1	0.00	2	1	0	3								
13:15	to 13:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2								
13:30	to 13:45	n/a	n/a	n/a	n/a	0	0	1	1	0.00	3	1	0	4								
13:45	to 14:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	1	0	3								
14:00	to 14:15	n/a	n/a	n/a	n/a	2	2	0	4	2.00	2	1	0	3								
14:15	to 14:30	n/a	n/a	n/a	n/a	2	2	0	4	2.00	0	0	0	0								
14:30	to 14:45	n/a	n/a	n/a	n/a	0	0	1	1	0.00	1	0	0	1								
14:45	to 15:00	n/a	n/a	n/a	n/a	3	3	1	7	2.00	1	1	0	2								
15:00	to 15:15	n/a	n/a	n/a	n/a	3	3	1	7	2.00	2	2	1	5								
15:15	to 15:30	n/a	n/a	n/a	n/a	4	4	1	9	2.00	2	2	1	5								
15:30	to 15:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	2	1	5								
15:45	to 16:00	n/a	n/a	n/a	n/a	1	1	1	3	2.00	1	1	1	3								
16:00	to 16:15	n/a	n/a	n/a	n/a	1	1	0	2	2.00	3	2	1	6								
16:15	to 16:30	n/a	n/a	n/a	n/a	0	0	1	1	0.00	3	2	1	6								
16:30	to 16:45	n/a	n/a	n/a	n/a	2	2	1	5	2.00	1	1	1	3								
16:45	to 17:00	n/a	n/a	n/a	n/a	2	2	0	4	2.00	1	1	0	2								
17:00	to 17:15	n/a	n/a	n/a	n/a	1	0	1	2	1.00	3	2	0	5								
17:15	to 17:30	n/a	n/a	n/a	n/a	1	0	1	2	1.00	2	1	0	3								
17:30	to 17:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	1	0	2								
17:45	to 18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	2	0	4								
18:00	to 18:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0								
18:15	to 18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0								
18:30	to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0								
18:45	to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0								
TOTAL		n/a	n/a	n/a	n/a	85	48	22	155	1.57	88	48	11	147	181	302	0	12965				

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.57 Site S8 Sans Souci Medical Practice, Sans Souci – Survey Results – Hourly data – rolling at 15 minute intervals – Friday 27/03/2015.

DATE	27 March 2015	Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219														Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine		IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	NB	SB	Vehicles			
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total		
AM																					
7:00	to 8:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	0	0	0	0	1	2	0	687	687		
7:15	to 8:15	n/a	n/a	n/a	n/a	2	2	0	4	2.00	0	0	0	0	2	4	0	922	922		
7:30	to 8:30	n/a	n/a	n/a	n/a	6	5	0	11	1.83	3	0	0	3	9	14	0	958	958		
7:45	to 8:45	n/a	n/a	n/a	n/a	7	5	0	12	1.71	7	0	0	7	14	19	0	956	956		
8:00	to 9:00	n/a	n/a	n/a	n/a	10	7	0	17	1.70	8	0	0	8	18	25	0	961	961		
8:15	to 9:15	n/a	n/a	n/a	n/a	13	8	0	21	1.62	11	1	1	13	24	34	0	1008	1008		
8:30	to 9:30	n/a	n/a	n/a	n/a	12	6	1	19	1.50	11	2	2	15	23	34	0	1009	1009		
8:45	to 9:45	n/a	n/a	n/a	n/a	12	7	1	20	1.58	8	3	2	13	20	33	0	1007	1007		
9:00	to 10:00	n/a	n/a	n/a	n/a	12	6	2	20	1.50	10	4	2	16	23	36	0	1015	1015		
9:15	to 10:15	n/a	n/a	n/a	n/a	11	5	3	19	1.45	9	4	1	14	21	33	0	959	959		
9:30	to 10:30	n/a	n/a	n/a	n/a	10	5	3	18	1.50	10	5	0	15	22	33	0	933	933		
9:45	to 10:45	n/a	n/a	n/a	n/a	13	6	3	22	1.46	13	6	1	20	28	42	0	940	940		
10:00	to 11:00	n/a	n/a	n/a	n/a	16	7	3	26	1.44	13	6	1	20	30	46	0	923	923		
10:15	to 11:15	n/a	n/a	n/a	n/a	20	8	3	31	1.40	15	7	1	23	36	54	0	933	933		
10:30	to 11:30	n/a	n/a	n/a	n/a	20	8	2	30	1.40	13	6	1	20	33	50	0	966	966		
10:45	to 11:45	n/a	n/a	n/a	n/a	17	6	3	26	1.35	10	5	0	15	27	41	0	960	960		
11:00	to 12:00	n/a	n/a	n/a	n/a	14	4	3	21	1.29	14	8	1	23	29	44	0	984	984		
11:15	to 12:15	n/a	n/a	n/a	n/a	8	2	3	13	1.25	11	6	1	18	18	31	0	1007	1007		
11:30	to 12:30	n/a	n/a	n/a	n/a	10	2	3	15	1.20	12	7	1	20	16	35	0	1003	1003		
11:45	to 12:45	n/a	n/a	n/a	n/a	10	2	3	15	1.20	14	8	1	23	21	38	0	1029	1029		
PM																					
12:00	to 13:00	n/a	n/a	n/a	n/a	7	1	3	11	1.14	8	5	0	13	15	24	0	1039	1039		
12:15	to 13:15	n/a	n/a	n/a	n/a	6	1	3	10	1.17	9	6	0	15	15	25	0	1061	1061		
12:30	to 13:30	n/a	n/a	n/a	n/a	2	0	3	5	1.00	7	5	0	12	9	17	0	1081	1081		
12:45	to 13:45	n/a	n/a	n/a	n/a	1	0	3	4	1.00	7	4	0	11	8	15	0	1072	1072		
13:00	to 14:00	n/a	n/a	n/a	n/a	1	1	2	4	2.00	8	4	0	12	9	16	0	1073	1073		
13:15	to 14:15	n/a	n/a	n/a	n/a	3	3	1	7	2.00	8	4	0	12	11	19	0	1040	1040		
13:30	to 14:30	n/a	n/a	n/a	n/a	5	5	1	11	2.00	7	3	0	10	12	21	0	1036	1036		
13:45	to 14:45	n/a	n/a	n/a	n/a	5	5	1	11	2.00	5	2	0	7	10	18	0	1068	1068		
14:00	to 15:00	n/a	n/a	n/a	n/a	7	7	2	16	2.00	4	2	0	6	11	22	0	1118	1118		
14:15	to 15:15	n/a	n/a	n/a	n/a	8	8	3	19	2.00	4	3	1	8	13	27	0	1208	1208		
14:30	to 15:30	n/a	n/a	n/a	n/a	10	10	4	24	2.00	6	5	2	13	18	37	0	1287	1287		
14:45	to 15:45	n/a	n/a	n/a	n/a	11	11	3	25	2.00	7	7	3	17	20	42	0	1357	1357		
15:00	to 16:00	n/a	n/a	n/a	n/a	9	9	3	21	2.00	7	7	4	18	19	39	0	1426	1426		
15:15	to 16:15	n/a	n/a	n/a	n/a	7	7	2	16	2.00	8	7	4	19	17	35	0	1471	1471		
15:30	to 16:30	n/a	n/a	n/a	n/a	3	3	2	8	2.00	9	7	4	20	14	28	0	1545	1545		
15:45	to 16:45	n/a	n/a	n/a	n/a	4	4	3	11	2.00	8	6	4	18	15	29	0	1510	1510		
16:00	to 17:00	n/a	n/a	n/a	n/a	5	5	2	12	2.00	8	6	3	17	15	29	0	1508	1508		
16:15	to 17:15	n/a	n/a	n/a	n/a	5	4	3	12	1.80	8	6	2	16	15	28	0	1596	1596		
16:30	to 17:30	n/a	n/a	n/a	n/a	6	4	3	13	1.67	7	5	1	13	14	26	0	1563	1563		
16:45	to 17:45	n/a	n/a	n/a	n/a	5	2	2	9	1.40	7	5	0	12	12	21	0	1615	1615		
17:00	to 18:00	n/a	n/a	n/a	n/a	3	0	2	5	1.00	8	6	0	14	11	19	0	1577	1577		
17:15	to 18:15	n/a	n/a	n/a	n/a	2	0	1	3	1.00	5	4	0	9	7	12	0	1446	1446		
17:30	to 18:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	3	3	0	6	4	7	0	1333	1333		
17:45	to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	2	0	4	2	4	0	995	995		
18:00	to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	654	654		

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.58 Site S8 Sans Souci Medical Practice, Sans Souci – Hourly data – Consecutive – Friday 27/03/2015.

DATE 27 March 2015	Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219													
1-hour Data														
WEATHER Fine	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)									
TIME	IN	OUT	Total	Occupancy	IN					OUT				
AM					Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	
7:00 to 8:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	0	0	0	0	
8:00 to 9:00	n/a	n/a	n/a	n/a	10	7	0	17	1.70	8	0	0	8	
9:00 to 10:00	n/a	n/a	n/a	n/a	12	6	2	20	1.50	10	4	2	16	
10:00 to 11:00	n/a	n/a	n/a	n/a	16	7	3	26	1.44	13	6	1	20	
11:00 to 12:00	n/a	n/a	n/a	n/a	14	4	3	21	1.29	14	8	1	23	
PM														
12:00 to 13:00	n/a	n/a	n/a	n/a	7	1	3	11	1.14	8	5	0	13	
13:00 to 14:00	n/a	n/a	n/a	n/a	1	1	2	4	2.00	8	4	0	12	
14:00 to 15:00	n/a	n/a	n/a	n/a	7	7	2	16	2.00	4	2	0	6	
15:00 to 16:00	n/a	n/a	n/a	n/a	9	9	3	21	2.00	7	7	4	18	
16:00 to 17:00	n/a	n/a	n/a	n/a	5	5	2	12	2.00	8	6	3	17	
17:00 to 18:00	n/a	n/a	n/a	n/a	3	0	2	5	1.00	8	6	0	14	
18:00 to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	
Total	n/a	n/a	n/a	n/a	85	48	22	155	1.56	88	48	11	147	

Grand Total	1-hour Data	
Vehicles ⁴	Persons	
1	2	
18	25	
23	36	
30	46	
29	44	
15	24	
9	16	
11	22	
19	39	
15	29	
11	19	
0	0	
181	302	

Main Road Data ⁵	1-hour Data	
NB	SB	
0	687	
0	961	
0	1015	
0	923	
0	984	
0	1039	
0	1073	
0	1118	
0	1426	
0	1508	
0	1577	
0	654	
0	12965	

Grand Total - Main Road	1-hour Data	
Vehicles		
687		
961		
1015		
923		
984		
1039		
1073		
1118		
1426		
1508		
1577		
654		
12965		

Table 3.59 Site S8 Sans Souci Medical Practice, Sans Souci – Travel mode – Friday 27/03/2015.

DATE 27 March 2015	Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219													
Average group size (people)	Average duration of stay (hrs)	Travel Mode												
		Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other		
1.44	0:38	IN	Total	53	27	2	0	2	0	0	0	7	0	
			%	58.2	29.7	2.2	0.0	2.2	0.0	0.0	0.0	7.7	0.0	
		OUT	Total	53	28	1	0	1	0	0	0	8	0	
			%	58.2	30.8	1.1	0.0	1.1	0.0	0.0	0.0	8.8	0.0	

¹ Sans Souci Medical Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.37 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

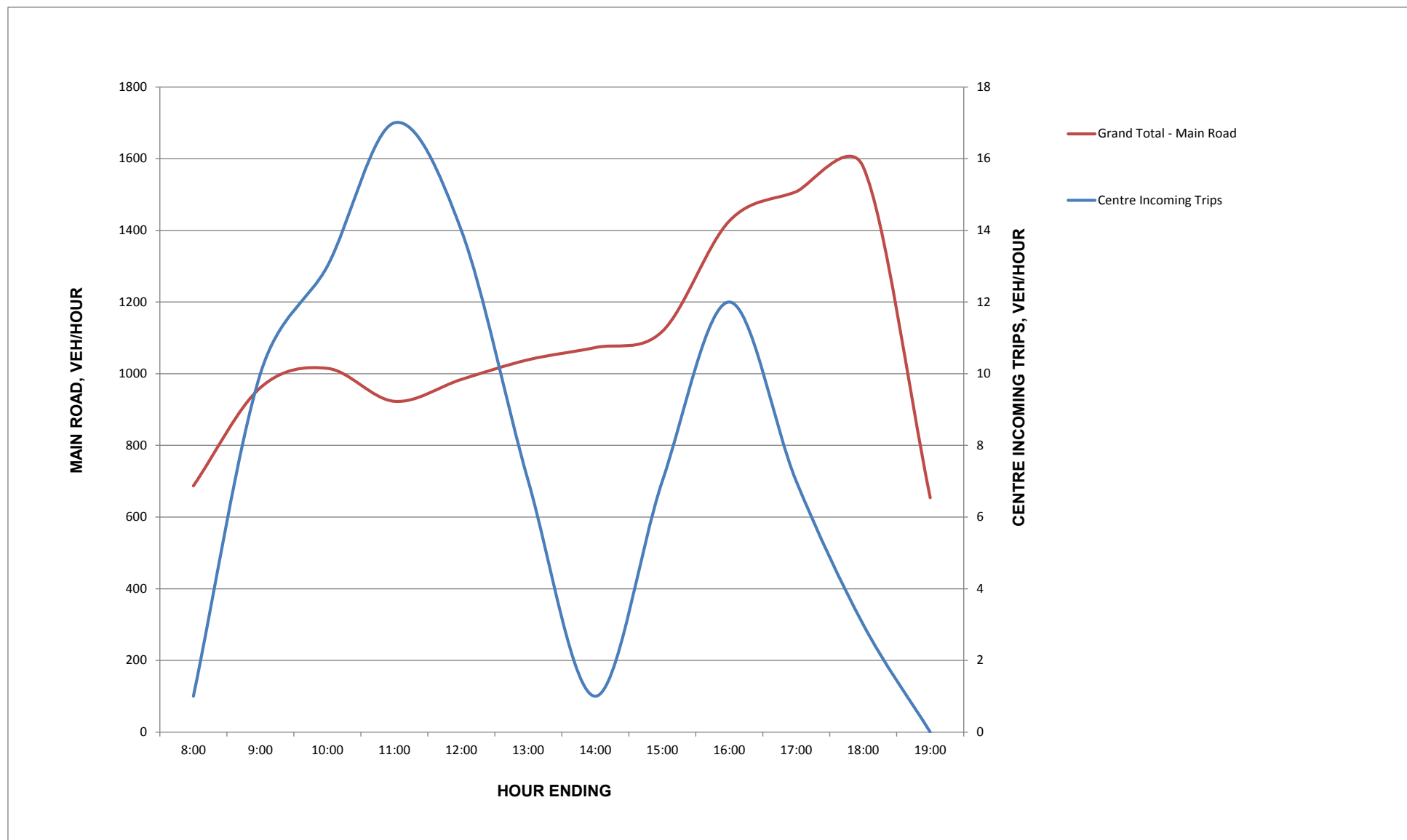


Figure 3.15 Site S8 Sans Souci Medical Practice, Sans Souci – Hourly trip distribution – Vehicles – Friday 27/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.16 Site S8 Sans Souci Medical Practice, Sans Souci NSW 2219 – All days

Table 3.60 Site S8 Sans Souci Medical Practice, Sans Souci – Hourly data – Saturday 21/03/2015, Monday 23/03/2015 to Friday 27/03/2015.

21 March 2015			Sans Souci Medical Practice - Shop 2-5 410-420 Rocky Point Road, Sans Souci NSW 2219													Average			
23-27 March 2015																			
1-hour Data			All vehicles															1-hour Data	
WEATHER Fine			IN						OUT										
									Avg										Avg
TIME			Mon	Tue	Wed	Thu	Fri	Sat ¹	Wkday	Mon	Tue	Wed	Thu	Fri	Sat ¹	Wkday	Wkday	Wkend	
7:00 to 8:00			10	6	6	0	1	3	5	0	0	0	0	0	0	0	5	3	
8:00 to 9:00			16	17	19	17	10	8	16	6	4	16	6	8	0	8	24	8	
9:00 to 10:00			20	14	10	16	12	8	14	12	14	12	14	10	8	12	27	16	
10:00 to 11:00			16	15	12	15	16	7	15	15	13	17	18	13	4	15	30	11	
11:00 to 12:00			20	18	19	22	14	3	19	21	19	13	22	14	8	18	36	11	
12:00 to 13:00			14	11	7	16	7	0	11	17	16	11	28	8	4	16	27	4	
13:00 to 14:00			7	15	13	13	1	n/a	10	10	15	8	6	8	n/a	9	19	n/a	
14:00 to 15:00			13	17	14	12	7	n/a	13	9	12	12	10	4	n/a	9	22	n/a	
15:00 to 16:00			21	22	17	15	9	n/a	17	12	20	13	9	7	n/a	12	29	n/a	
16:00 to 17:00			9	12	9	14	5	n/a	10	17	25	13	24	8	n/a	17	27	n/a	
17:00 to 18:00			6	7	9	6	3	n/a	6	13	13	10	10	8	n/a	11	17	n/a	
18:00 to 19:00			0	4	2	2	0	n/a	2	3	9	7	8	0	n/a	5	7	n/a	
Total			152	158	137	148	85	29	136	135	160	132	155	88	24	134	270	53	

¹ On Saturdays Sans Souci Medical Practice closes at 1:00 pm.

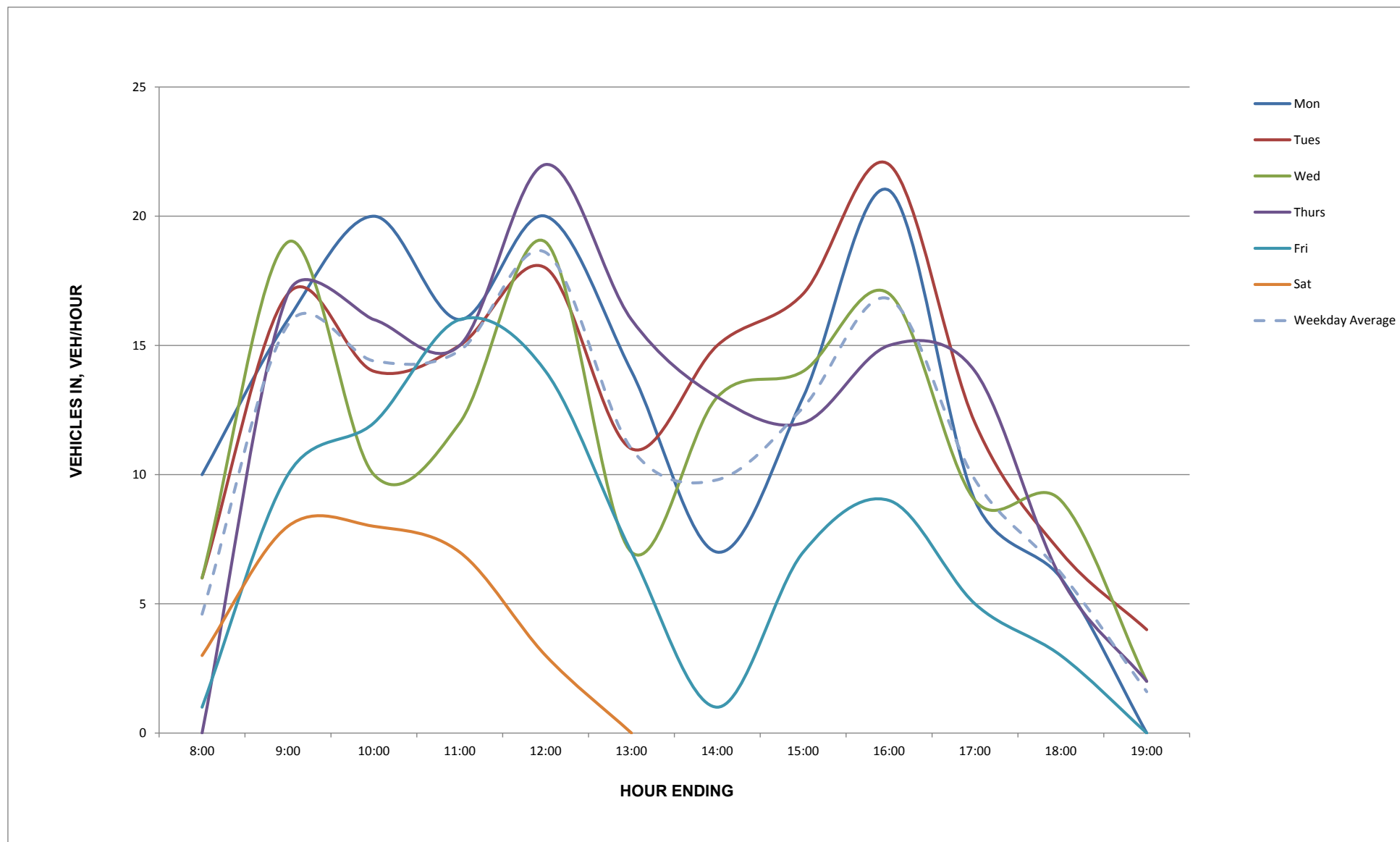


Figure 3.16 Site S8 Sans Souci Medical Practice, Sans Souci – Hourly trip distribution – 6 days.

3.1.17 Site S9 Balmoral Street Medical Centre, Hornsby NSW 2077 – Sunday 15/03/2015

Table 3.61 Site S9 Balmoral Street Medical Centre, Hornsby – Survey Results – 15-minute interval data – Sunday 15/03/2015.

DATE	15 March 2015	Balmoral Street Medical Centre - 98 Balmoral Street, Hornsby NSW 2077													Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand				
15 minute Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data		15 minute Data		
WEATHER Fine						IN					OUT													
TIME		IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	NB	SB	Vehicles		Car Park	On Street	Total ⁴	
AM																								
7:00	to 7:15	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0				4	0	0	0	
7:15	to 7:30	0	0	0	0.00	5	0	0	5	1.00	2	0	0	2	7	7	0	1		1	0	0	0	
7:30	to 7:45	0	0	0	0.00	1	0	0	1	1.00	0	0	0	0	1	1	1	2		3	0	0	0	
7:45	to 8:00	0	0	0	0.00	1	0	0	1	1.00	2	0	0	2	3	3	3	7		10	0	6	6	
8:00	to 8:15	0	0	0	0.00	1	0	0	1	1.00	2	0	0	2	3	3	2	10		12	0	9	9	
8:15	to 8:30	1	0	1	1.00	9	0	0	9	1.00	2	0	0	2	11	11	1	7		8	1	12	13	
8:30	to 8:45	0	0	0	0.00	0	0	0	0	0.00	5	0	0	5	5	5	0	9		9	1	9	10	
8:45	to 9:00	0	1	1	0.00	5	0	0	5	1.00	1	0	0	1	6	6	4	9		13	0	8	8	
9:00	to 9:15	0	0	0	0.00	2	2	0	4	2.00	2	1	0	3	4	7	4	7		11	0	6	6	
9:15	to 9:30	0	0	0	0.00	2	2	0	4	2.00	4	3	0	7	6	11	3	12		15	0	5	5	
9:30	to 9:45	0	0	0	0.00	0	0	0	0	0.00	1	0	0	1	1	1	2	15		17	0	4	4	
9:45	to 10:00	0	0	0	0.00	1	1	0	2	2.00	1	1	0	2	2	4	5	11		16	0	4	4	
10:00	to 10:15	0	0	0	0.00	0	0	0	0	0.00	2	2	0	4	2	4	3	13		16	0	4	4	
10:15	to 10:30	1	0	1	1.00	1	1	0	2	2.00	2	2	0	4	3	6	2	13		15	1	4	5	
10:30	to 10:45	0	0	0	0.00	2	2	0	4	2.00	1	0	0	1	3	5	7	11		18	1	5	6	
10:45	to 11:00	1	1	2	1.00	1	1	0	2	2.00	1	0	0	1	2	3	4	10		14	1	6	7	
11:00	to 11:15	0	0	0	0.00	3	5	2	10	2.67	0	0	1	1	3	11	3	7		10	1	5	6	
11:15	to 11:30	0	1	1	0.00	0	0	0	0	0.00	0	1	1	2	0	2	4	11		15	0	5	5	
11:30	to 11:45	0	0	0	0.00	1	1	0	2	2.00	0	0	1	1	1	3	4	12		16	0	4	4	
11:45	to 12:00	0	0	0	0.00	0	0	0	0	0.00	1	2	2	5	1	5	5	26		31	0	3	3	
PM																								
12:00	to 12:15	0	0	0	0.00	1	2	0	3	3.00	0	1	1	2	1	5	6	13		19	0	4	4	
12:15	to 12:30	0	0	0	0.00	1	2	0	3	3.00	0	0	0	0	1	3	3	11		14	0	4	4	
12:30	to 12:45	0	0	0	0.00	0	0	0	0	0.00	1	2	2	5	1	5	3	12		15	0	3	3	
12:45	to 13:00	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	8	8		16	0	3	3	
13:00	to 13:15	0	0	0	0.00	0	0	0	0	0.00	1	1	0	2	1	2	13	11		24	0	3	3	
13:15	to 13:30	0	0	0	0.00	2	2	0	4	2.00	0	0	0	0	2	4	8	17		25	0	4	4	
13:30	to 13:45	0	0	0	0.00	3	2	0	5	1.67	1	1	0	2	4	7	7	11		18	0	4	4	
13:45	to 14:00	0	0	0	0.00	1	0	0	1	1.00	2	2	0	4	3	5	9	14		23	0	4	4	
14:00	to 14:15	0	0	0	0.00	0	0	0	0	0.00	1	1	0	2	1	2	8	11		19	0	4	4	
14:15	to 14:30	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	2	7		9	0	4	4	
14:30	to 14:45	0	0	0	0.00	1	0	0	1	1.00	1	1	0	1	2	2	4	12		16	0	4	4	
14:45	to 15:00	0	0	0	0.00	1	0	0	1	1.00	1	1	0	2	2	3	5	17		22	0	3	3	
15:00	to 15:15	0	0	0	0.00	2	0	2	4	1.00	1	0	0	1	3	5	4	12		16	0	3	3	
15:15	to 15:30	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	3	16		19	0	3	3	
15:30	to 15:45	0	0	0	0.00	0	0	0	0	0.00	3	0	0	3	3	3	4	11		15	0	3	3	
15:45	to 16:00	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	2	14		16	0	3	3	
16:00	to 16:15	0	0	0	0.00	1	0	0	1	1.00	0	0	0	0	1	1	2	12		14	0	3	3	
16:15	to 16:30	0	0	0	0.00	0	0	0	0	0.00	1	0	0	1	1	1	5	13		18	0	3	3	
16:30	to 16:45	0	0	0	0.00	1	0	1	2	1.00	0	0	0	0	1	2	6	13		19	0	3	3	
16:45	to 17:00	0	0	0	0.00	0	0	0	0	0.00	2	0	0	2	2	2	2	15		17	0	3	3	
17:00	to 17:15	0	0	0	0.00	3	0	0	3	1.00	0	0	0	0	3	3	5	11		16	0	4	4	
17:15	to 17:30	0	0	0	0.00	0	0	0	0	0.00	2	0	1	3	2	3	3	16		19	0	5	5	
17:30	to 17:45	0	0	0	0.00	0	0	0	0	0.00	1	0	0	1	1	1	2	9		11	0	4	4	
17:45	to 18:00	0	0	0	0.00	0	0	0	0	0.00	1	0	1	2	1	2	4	11		15	0	3	3	
18:00	to 18:15	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	0		0	0	1	1	
18:15	to 18:30	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	0		0	0	0	0	
18:30	to 18:45	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	0		0	0	0	0	
18:45	to 19:00	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	0		0	0	0	0	
TOTAL		3	3	6	1.00	52	23	5	80	1.57	48	22	10	79	100	159	177	492	669	Total Car Park Spaces - 14				

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.62 Site S9 Balmoral Street Medical Centre, Hornsby – Survey Results – Hourly data – rolling at 15 minute intervals – Sunday 15/03/2015.

DATE	15 March 2015	Balmoral Street Medical Centre - 98 Balmoral Street, Hornsby NSW 2077														Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine		IN	OUT	Total	Occupancy ¹	IN				OUT				Vehicles ³	Persons	NB	SB	Vehicles			
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total		
AM																					
7:00	to 8:00	0	0	0	0.00	7	0	0	7	1.00	4	0	0	4	11	11	6	12	18		
7:15	to 8:15	0	0	0	0.00	8	0	0	8	1.00	6	0	0	6	14	14	6	20	26		
7:30	to 8:30	1	0	1	1.00	12	0	0	12	1.00	6	0	0	6	18	18	7	26	33		
7:45	to 8:45	1	0	1	1.00	11	0	0	11	1.00	11	0	0	11	22	22	6	33	39		
8:00	to 9:00	1	1	2	1.00	15	0	0	15	1.00	10	0	0	10	25	25	7	35	42		
8:15	to 9:15	1	1	2	1.00	16	2	0	18	1.13	10	1	0	11	26	29	9	32	41		
8:30	to 9:30	0	1	1	#DIV/0!	9	4	0	13	1.44	12	4	0	16	21	29	11	37	48		
8:45	to 9:45	0	1	1	#DIV/0!	9	4	0	13	1.44	8	4	0	12	17	25	13	43	56		
9:00	to 10:00	0	0	0	0.00	5	5	0	10	2.00	8	5	0	13	13	23	14	45	59		
9:15	to 10:15	0	0	0	0.00	3	3	0	6	2.00	8	6	0	14	11	20	13	51	64		
9:30	to 10:30	1	0	1	1.00	2	2	0	4	2.00	6	5	0	11	8	15	12	52	64		
9:45	to 10:45	1	0	1	1.00	4	4	0	8	2.00	6	5	0	11	10	19	17	48	65		
10:00	to 11:00	2	1	3	1.00	4	4	0	8	2.00	6	4	0	10	10	18	16	47	63		
10:15	to 11:15	2	1	3	1.00	7	9	2	18	2.29	4	2	1	7	11	25	16	41	57		
10:30	to 11:30	1	2	3	1.00	6	8	2	16	2.33	2	1	2	5	8	21	18	39	57		
10:45	to 11:45	1	2	3	1.00	5	7	2	14	2.40	1	1	3	5	6	19	15	40	55		
11:00	to 12:00	0	1	1	0.00	4	6	2	12	2.50	1	3	5	9	5	21	16	56	72		
11:15	to 12:15	0	1	1	0.00	2	3	0	5	2.50	1	4	5	10	2	15	19	62	81		
11:30	to 12:30	0	0	0	0.00	3	5	0	8	2.67	1	3	4	8	3	16	18	62	80		
11:45	to 12:45	0	0	0	0.00	2	4	0	6	3.00	2	5	5	12	3	18	17	62	79		
PM																					
12:00	to 13:00	0	0	0	0.00	2	4	0	6	3.00	1	3	3	7	3	13	20	44	64		
12:15	to 13:15	0	0	0	0.00	1	2	0	3	3.00	2	3	2	7	3	10	27	42	69		
12:30	to 13:30	0	0	0	0.00	2	2	0	4	2.00	2	3	2	7	4	11	32	48	80		
12:45	to 13:45	0	0	0	0.00	5	4	0	9	1.80	2	2	0	4	7	13	36	47	83		
13:00	to 14:00	0	0	0	0.00	6	4	0	10	1.67	4	4	0	8	10	18	37	53	90		
13:15	to 14:15	0	0	0	0.00	6	4	0	10	1.67	4	4	0	8	10	18	32	53	85		
13:30	to 14:30	0	0	0	0.00	4	2	0	6	1.50	4	4	0	8	8	14	26	43	69		
13:45	to 14:45	0	0	0	0.00	2	0	0	2	1.00	4	4	0	7	6	9	23	44	67		
14:00	to 15:00	0	0	0	0.00	2	0	0	2	1.00	3	3	0	5	5	7	19	47	66		
14:15	to 15:15	0	0	0	0.00	4	0	2	6	1.00	3	2	0	4	7	10	15	48	63		
14:30	to 15:30	0	0	0	0.00	4	0	2	6	1.00	3	2	0	4	7	10	16	57	73		
14:45	to 15:45	0	0	0	0.00	3	0	2	5	1.00	5	1	0	6	8	11	16	56	72		
15:00	to 16:00	0	0	0	0.00	2	0	2	4	1.00	4	0	0	4	6	8	13	53	66		
15:15	to 16:15	0	0	0	0.00	1	0	0	1	1.00	3	0	0	3	4	4	11	53	64		
15:30	to 16:30	0	0	0	0.00	1	0	0	1	1.00	4	0	0	4	5	5	13	50	63		
15:45	to 16:45	0	0	0	0.00	2	0	1	3	1.00	1	0	0	1	3	4	15	52	67		
16:00	to 17:00	0	0	0	0.00	2	0	1	3	1.00	3	0	0	3	5	6	15	53	68		
16:15	to 17:15	0	0	0	0.00	4	0	1	5	1.00	3	0	0	3	7	8	18	52	70		
16:30	to 17:30	0	0	0	0.00	4	0	1	5	1.00	4	0	1	5	8	10	16	55	71		
16:45	to 17:45	0	0	0	0.00	3	0	0	3	1.00	5	0	1	6	8	9	12	51	63		
17:00	to 18:00	0	0	0	0.00	3	0	0	3	1.00	4	0	2	6	7	9	14	47	61		
17:15	to 18:15	0	0	0	0.00	0	0	0	0	0.00	4	0	2	6	4	6	9	36	45		
17:30	to 18:30	0	0	0	0.00	0	0	0	0	0.00	2	0	1	3	2	3	6	20	26		
17:45	to 18:45	0	0	0	0.00	0	0	0	0	0.00	1	0	1	2	1	2	4	11	15		
18:00	to 19:00	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0		

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.63 Site S9 Balmoral Street Medical Centre, Hornsby – Survey Results – Hourly data – Consecutive – Sunday 15/03/2015.

DATE	15 March 2015	Balmoral Street Medical Centre - 98 Balmoral Street, Hornsby NSW 2077												Grand Total		Main Road Data ⁵		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine						IN				OUT									
TIME		IN	OUT	Total	Occupancy ¹	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	NB	SB	Vehicles
AM																			
7:00	to 8:00	0	0	0	0.00	7	0	0	7	1.00	4	0	0	4	11	11	6	12	18
8:00	to 9:00	1	1	2	1.00	15	0	0	15	1.00	10	0	0	10	25	25	7	35	42
9:00	to 10:00	0	0	0	0.00	5	5	0	10	2.00	8	5	0	13	13	23	14	45	59
10:00	to 11:00	2	1	3	1.00	4	4	0	8	2.00	6	4	0	10	10	18	16	47	63
11:00	to 12:00	0	1	1	0.00	4	6	2	12	2.50	1	3	5	9	5	21	16	56	72
PM																			
12:00	to 13:00	0	0	0	0.00	2	4	0	6	3.00	1	3	3	7	3	13	20	44	64
13:00	to 14:00	0	0	0	0.00	6	4	0	10	1.67	4	4	0	8	10	18	37	53	90
14:00	to 15:00	0	0	0	0.00	2	0	0	2	1.00	3	3	0	5	5	7	19	47	66
15:00	to 16:00	0	0	0	0.00	2	0	2	4	1.00	4	0	0	4	6	8	13	53	66
16:00	to 17:00	0	0	0	0.00	2	0	1	3	1.00	3	0	0	3	5	6	15	53	68
17:00	to 18:00	0	0	0	0.00	3	0	0	3	1.00	4	0	2	6	7	9	14	47	61
Total		3	3	6	1.00	52	23	5	80	1.44	48	22	10	79	100	159	177	492	669

Table 3.64 Site S9 Balmoral Street Medical Centre, Hornsby – Survey Results – Travel mode – Sunday 15/03/2015.

DATE	15 March 2015	Balmoral Street Medical Centre - 98 Balmoral Street, Hornsby NSW 2077											
Average group size (people)	Average duration of stay (hrs)	Travel Mode											
			Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.58	0:36	IN	Total	15	10	0	0	0	0	0	0	3	0
			%	53.6	35.7	0.0	0.0	0.0	0.0	0.0	0.0	10.7	0.0
		OUT	Total	15	10	0	0	0	0	0	0	3	0
			%	53.6	35.7	0.0	0.0	0.0	0.0	0.0	0.0	10.7	0.0

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² The number of incoming trips in Figure 3.39 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.⁴ Total person drivers (cars) in and out.⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

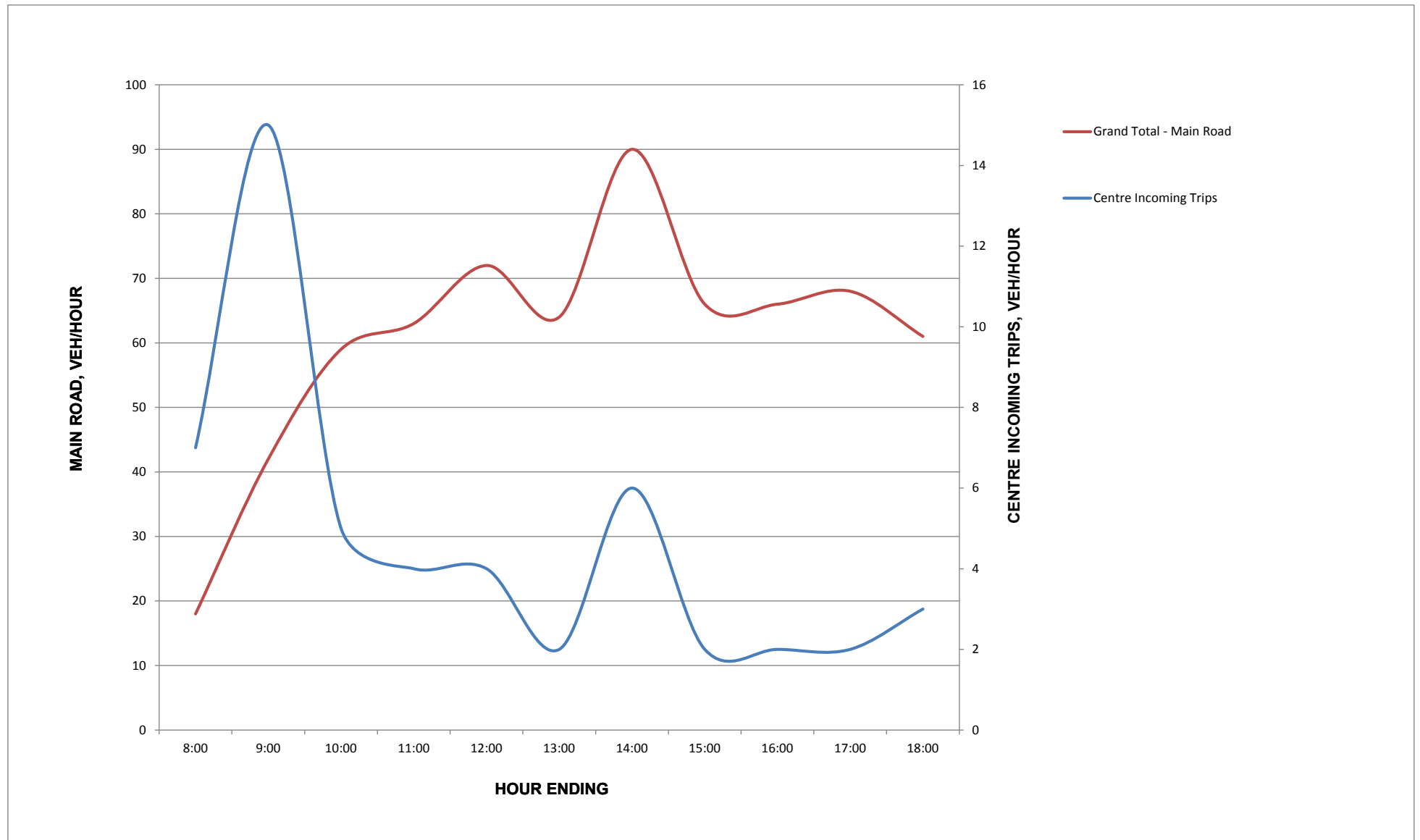


Figure 3.17 Site S9 Balmoral Street Medical Centre, Hornsby – Hourly trip distribution – Vehicles – Sunday 15/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.18 Site S9 Balmoral Street Medical Centre, Hornsby NSW 2077 – Monday 16/03/2015

Table 3.65 Site S9 Balmoral Street Medical Centre, Hornsby – Survey Results – 15-minute interval data – Monday 16/03/2015.

DATE	16 March 2015	Balmoral Street Medical Centre - 98 Balmoral Street, Hornsby NSW 2077														Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand		
15 minute Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data	15 minute Data		
WEATHER Fine						IN					OUT												
TIME		IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	NB	SB	Vehicles	Car Park	On Street	Total ⁴	
AM																							
7:00	to 7:15	0	0	0	0.00	4	2	0	6	1.50	2	2	0	4	6	10	0	0	0	0	0	2	2
7:15	to 7:30	0	0	0	0.00	1	1	0	2	2.00	0	0	0	0	1	2	5	13	0	2	2	0	
7:30	to 7:45	2	0	2	1.50	4	2	0	6	1.50	0	0	0	0	4	6	12	36	2	1	3	3	
7:45	to 8:00	1	0	1	1.00	3	1	1	5	1.33	3	2	1	6	6	11	21	61	82	3	2	5	
8:00	to 8:15	1	1	2	1.00	3	1	1	5	1.33	1	1	0	2	4	7	15	61	76	3	3	6	
8:15	to 8:30	5	1	6	1.40	2	1	1	4	1.50	1	1	0	2	3	6	20	52	72	7	2	9	
8:30	to 8:45	4	3	7	1.75	4	2	0	6	1.50	3	2	0	5	7	11	18	45	63	8	5	13	
8:45	to 9:00	1	1	2	1.00	7	3	1	11	1.43	4	3	0	7	11	18	10	43	53	8	6	14	
9:00	to 9:15	1	2	3	1.00	4	2	0	6	1.50	4	1	1	6	8	12	15	51	66	7	8	15	
9:15	to 9:30	4	2	6	1.00	4	2	0	6	1.50	5	2	0	7	9	13	8	47	55	9	5	14	
9:30	to 9:45	6	4	10	1.17	5	2	1	8	1.40	2	1	0	3	7	11	7	36	43	11	2	13	
9:45	to 10:00	4	1	5	1.25	4	2	1	7	1.50	3	1	0	4	8	11	2	30	32	14	1	15	
10:00	to 10:15	1	0	1	1.00	4	2	1	7	1.50	3	1	0	4	8	11	3	33	36	14	3	17	
10:15	to 10:30	5	4	9	1.20	4	2	1	7	1.50	1	0	0	1	6	8	2	30	32	14	5	19	
10:30	to 10:45	2	5	7	1.00	4	2	0	6	1.50	4	1	1	6	8	12	11	40	51	13	7	20	
10:45	to 11:00	1	2	3	2.00	7	3	1	11	1.43	2	1	0	3	9	14	3	30	33	12	7	19	
11:00	to 11:15	1	1	2	1.00	5	2	2	9	1.40	3	1	2	6	10	15	6	30	36	12	6	18	
11:15	to 11:30	6	3	9	1.00	1	0	0	1	1.00	1	0	0	1	2	2	13	46	59	14	4	18	
11:30	to 11:45	2	4	6	1.00	3	1	1	5	1.33	3	1	1	5	6	10	6	38	44	13	5	18	
11:45	to 12:00	6	2	8	1.00	2	1	0	3	1.50	3	1	1	5	5	8	6	33	39	14	4	18	
PM																							
12:00	to 12:15	2	1	3	1.00	1	0	0	1	1.00	3	1	1	5	4	6	8	22	30	14	4	18	
12:15	to 12:30	2	3	5	1.00	2	1	0	3	1.50	1	0	1	2	3	5	3	31	34	14	2	16	
12:30	to 12:45	3	2	5	1.33	1	0	0	1	1.00	1	0	0	1	2	2	2	24	26	14	1	15	
12:45	to 13:00	5	4	9	1.20	5	2	2	9	1.40	0	0	0	0	6	9	4	39	43	14	4	18	
13:00	to 13:15	0	4	4	0.00	1	1	0	2	2.00	4	2	0	6	5	8	5	39	44	14	6	20	
13:15	to 13:30	4	4	8	1.00	1	1	0	2	2.00	6	4	0	10	7	12	6	26	32	14	3	17	
13:30	to 13:45	1	2	3	1.00	1	0	0	1	1.00	3	2	0	5	4	6	5	24	29	14	0	14	
13:45	to 14:00	1	0	1	1.00	0	0	0	0	0.00	1	1	0	2	1	2	16	31	47	14	0	14	
14:00	to 14:15	1	4	5	1.00	3	2	1	6	1.67	1	0	0	1	4	7	8	29	37	12	2	14	
14:15	to 14:30	1	2	3	1.00	2	1	0	3	1.50	1	0	0	1	3	4	13	28	41	11	4	15	
14:30	to 14:45	2	1	3	2.00	1	1	0	2	2.00	4	3	0	7	5	9	8	39	47	12	3	15	
14:45	to 15:00	2	1	3	1.00	3	2	1	6	1.67	2	2	0	4	5	10	7	38	45	13	1	14	
15:00	to 15:15	2	1	3	1.00	2	1	0	3	1.50	1	0	0	1	3	4	10	42	52	14	0	14	
15:15	to 15:30	2	0	2	1.00	2	1	0	3	1.50	1	1	0	2	3	5	8	35	43	14	0	14	
15:30	to 15:45	3	3	6	1.67	2	2	0	4	2.00	1	0	0	1	3	5	13	30	43	14	2	16	
15:45	to 16:00	1	2	3	2.00	2	1	0	3	1.50	2	1	1	4	4	7	17	35	52	14	1	15	
16:00	to 16:15	1	2	3	1.00	1	1	0	2	2.00	2	1	1	4	3	6	13	34	47	14	1	15	
16:15	to 16:30	0	2	2	0.00	3	2	1	6	1.67	3	2	0	5	6	11	7	54	61	12	3	15	
16:30	to 16:45	2	1	3	1.00	2	2	0	4	2.00	1	1	0	2	3	6	15	45	60	13	1	14	
16:45	to 17:00	1	1	2	1.00	2	1	0	3	1.50	2	1	0	3	4	6	18	36	54	13	4	17	
17:00	to 17:15	1	0	1	1.00	2	1	0	3	1.50	1	1	0	2	4	5	19	42	61	14	5	19	
17:15	to 17:30	1	0	1	1.00	1	0	0	1	1.00	1	0	0	1	2	2	22	26	48	14	5	19	
17:30	to 17:45	1	2	3	2.00	2	1	0	3	1.50	2	1	0	3	5	6	16	35	51	14	5	19	
17:45	to 18:00	0	1	1	0.00	2	1	0	3	1.50	2	1	0	3	5	6	15	33	48	13	4	17	
18:00	to 18:15	1	2	3	1.00	1	0	0	1	1.00	2	1	0	3	3	4	12	15	27	12	3	15	
18:15	to 18:30	0	0	0	0.00	1	0	0	1	1.00	2	2	0	4	4	5	13	34	47	12	1	13	
18:30	to 18:45	0	1	1	0.00	1	0	0	1	1.00	1	0	0	1	2	2	9	13	22	11	0	11	
18:45	to 19:00	0	1	1	0.00	4	1	0	5	1.25	0	0	0	0	5	5	5	11	16	10	0	10	
TOTAL		93	83	176	1.19	126	60	17	203	1.47	99	50	11	160	236	363	480	1645	2125	Total Car Park Spaces - 14			

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.66 Site S9 Balmoral Street Medical Centre, Hornsby – Survey Results – Hourly data – rolling at 15 minute intervals – Monday 16/03/2015.

DATE	16 March 2015	Balmoral Street Medical Centre - 98 Balmoral Street, Hornsby NSW 2077														Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine		IN	OUT	Total	Occupancy ¹	IN				OUT				Vehicles ³	Persons	NB	SB	Vehicles			
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total		
AM																					
7:00	to 8:00	3	0	3	1.33	12	6	1	19	1.50	5	4	1	10	17	29	38	110	148		
7:15	to 8:15	4	1	5	1.25	11	5	2	18	1.45	4	3	1	8	15	26	53	171	224		
7:30	to 8:30	9	2	11	1.33	12	5	3	20	1.42	5	4	1	10	17	30	68	210	278		
7:45	to 8:45	11	5	16	1.45	12	5	3	20	1.42	8	6	1	15	20	35	74	219	293		
8:00	to 9:00	11	6	17	1.45	16	7	3	26	1.44	9	7	0	16	25	42	63	201	264		
8:15	to 9:15	11	7	18	1.45	17	8	2	27	1.47	12	7	1	20	29	47	63	191	254		
8:30	to 9:30	10	8	18	1.30	19	9	1	29	1.47	16	8	1	25	35	54	51	186	237		
8:45	to 9:45	12	9	21	1.08	20	9	2	31	1.45	15	7	1	23	35	54	40	177	217		
9:00	to 10:00	15	9	24	1.13	17	8	2	27	1.47	14	5	1	20	32	47	32	164	196		
9:15	to 10:15	15	7	22	1.13	17	8	3	28	1.47	13	5	0	18	32	46	20	146	166		
9:30	to 10:30	16	9	25	1.19	17	8	4	29	1.47	9	3	0	12	29	41	14	129	143		
9:45	to 10:45	12	10	22	1.17	16	8	3	27	1.50	11	3	1	15	30	42	18	133	151		
10:00	to 11:00	9	11	20	1.22	19	9	3	31	1.47	10	3	1	14	31	45	19	133	152		
10:15	to 11:15	9	12	21	1.22	20	9	4	33	1.45	10	3	3	16	33	49	22	130	152		
10:30	to 11:30	10	11	21	1.10	17	7	3	27	1.41	10	3	3	16	29	43	33	146	179		
10:45	to 11:45	10	10	20	1.10	16	6	4	26	1.38	9	3	3	15	27	41	28	144	172		
11:00	to 12:00	15	10	25	1.00	11	4	3	18	1.36	10	3	4	17	23	35	31	147	178		
11:15	to 12:15	16	10	26	1.00	7	2	1	10	1.29	10	3	3	16	17	26	33	139	172		
11:30	to 12:30	12	10	22	1.00	8	3	1	12	1.38	10	3	4	17	18	29	23	124	147		
11:45	to 12:45	13	8	21	1.08	6	2	0	8	1.33	8	2	3	13	14	21	19	110	129		
PM																					
12:00	to 13:00	12	10	22	1.17	9	3	2	14	1.33	5	1	2	8	15	22	17	116	133		
12:15	to 13:15	10	13	23	1.20	9	4	2	15	1.44	6	2	1	9	16	24	14	133	147		
12:30	to 13:30	12	14	26	1.17	8	4	2	14	1.50	11	6	0	17	20	31	17	128	145		
12:45	to 13:45	10	14	24	1.10	8	4	2	14	1.50	13	8	0	21	22	35	20	128	148		
13:00	to 14:00	6	10	16	1.00	3	2	0	5	1.67	14	9	0	23	17	28	32	120	152		
13:15	to 14:15	7	10	17	1.00	5	3	1	9	1.60	11	7	0	18	16	27	35	110	145		
13:30	to 14:30	4	8	12	1.00	6	3	1	10	1.50	6	3	0	9	12	19	42	112	154		
13:45	to 14:45	5	7	12	1.40	6	4	1	11	1.67	7	4	0	11	13	22	45	127	172		
14:00	to 15:00	6	8	14	1.33	9	6	2	17	1.67	8	5	0	13	17	30	36	134	170		
14:15	to 15:15	7	5	12	1.29	8	5	1	14	1.63	8	5	0	13	16	27	38	147	185		
14:30	to 15:30	8	3	11	1.25	8	5	1	14	1.63	8	6	0	14	16	28	33	154	187		
14:45	to 15:45	9	5	14	1.22	9	6	1	16	1.67	5	3	0	8	14	24	38	145	183		
15:00	to 16:00	8	6	14	1.38	8	5	0	13	1.63	5	2	1	8	13	21	48	142	190		
15:15	to 16:15	7	7	14	1.43	7	5	0	12	1.71	6	3	2	11	13	23	51	134	185		
15:30	to 16:30	5	9	14	1.60	8	6	1	15	1.75	8	4	2	14	16	29	50	153	203		
15:45	to 16:45	4	7	11	1.25	8	6	1	15	1.75	8	5	2	15	16	30	52	168	220		
16:00	to 17:00	4	6	10	1.00	8	6	1	15	1.75	8	5	1	14	16	29	53	169	222		
16:15	to 17:15	4	4	8	1.00	9	6	1	16	1.67	7	5	0	12	17	28	59	177	236		
16:30	to 17:30	5	2	7	1.00	7	4	0	11	1.57	5	3	0	8	13	19	74	149	223		
16:45	to 17:45	4	3	7	1.25	7	3	0	10	1.43	6	3	0	9	15	19	75	139	214		
17:00	to 18:00	3	3	6	1.33	7	3	0	10	1.43	6	3	0	9	16	19	72	136	208		
17:15	to 18:15	3	5	8	1.33	6	2	0	8	1.33	7	3	0	10	15	18	65	109	174		
17:30	to 18:30	2	5	7	1.50	6	2	0	8	1.33	8	5	0	13	17	21	56	117	173		
17:45	to 18:45	1	4	5	1.00	5	1	0	6	1.20	7	4	0	11	14	17	49	95	144		
18:00	to 19:00	1	4	5	1.00	7	1	0	8	1.14	5	3	0	8	14	16	39	73	112		

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.67 Site S9 Balmoral Street Medical Centre, Hornsby – Survey Results – Hourly data – Consecutive – Monday 16/03/2015.

DATE 16 March 2015	Balmoral Street Medical Centre - 98 Balmoral Street, Hornsby NSW 2077														Grand Total	Main Road Data ⁵	Grand Total - Main Road
1-hour Data	Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data	1-hour Data	1-hour Data
WEATHER Fine					IN					OUT					Vehicles ⁴	Persons	
TIME	IN	OUT	Total	Occupancy ¹	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total			NB	SB
AM																	
7:00 to 8:00	3	0	3	1.33	12	6	1	19	1.50	5	4	1	10	17	29	38	110
8:00 to 9:00	11	6	17	1.45	16	7	3	26	1.44	9	7	0	16	25	42	63	201
9:00 to 10:00	15	9	24	1.13	17	8	2	27	1.47	14	5	1	20	32	47	32	164
10:00 to 11:00	9	11	20	1.22	19	9	3	31	1.47	10	3	1	14	31	45	19	133
11:00 to 12:00	15	10	25	1.00	11	4	3	18	1.36	10	3	4	17	23	35	31	147
PM																	
12:00 to 13:00	12	10	22	1.17	9	3	2	14	1.33	5	1	2	8	15	22	17	116
13:00 to 14:00	6	10	16	1.00	3	2	0	5	1.67	14	9	0	23	17	28	32	120
14:00 to 15:00	6	8	14	1.33	9	6	2	17	1.67	8	5	0	13	17	30	36	134
15:00 to 16:00	8	6	14	1.38	8	5	0	13	1.63	5	2	1	8	13	21	48	142
16:00 to 17:00	4	6	10	1.00	8	6	1	15	1.75	8	5	1	14	16	29	53	169
17:00 to 18:00	3	3	6	1.33	7	3	0	10	1.43	6	3	0	9	16	19	72	136
18:00 to 19:00	1	4	5	1.00	7	1	0	8	1.14	5	3	0	8	14	16	39	73
Total	93	83	176	1	126	60	17	203	1.48	99	50	11	160	236	363	480	1645
																	2125

Table 3.68 Site S9 Balmoral Street Medical Centre, Hornsby – Survey Results – Travel mode – Monday 16/03/2015.

DATE 16 March 2015	Balmoral Street Medical Centre - 98 Balmoral Street, Hornsby NSW 2077													
Average group size (people)	Average duration of stay (hrs)	Travel Mode												
			Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other	
1.50	0:47	IN	Total	76	36	2	1	0	0	0	0	12	0	
			%	59.8	28.3	1.6	0.8	0.0	0.0	0.0	0.0	9.4	0.0	
		OUT	Total	76	36	2	1	0	0	0	0	12	0	
			%	59.8	28.3	1.6	0.8	0.0	0.0	0.0	0.0	9.4	0.0	

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² The number of incoming trips in Figure 3.40 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.⁴ Total person drivers (cars) in and out.⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

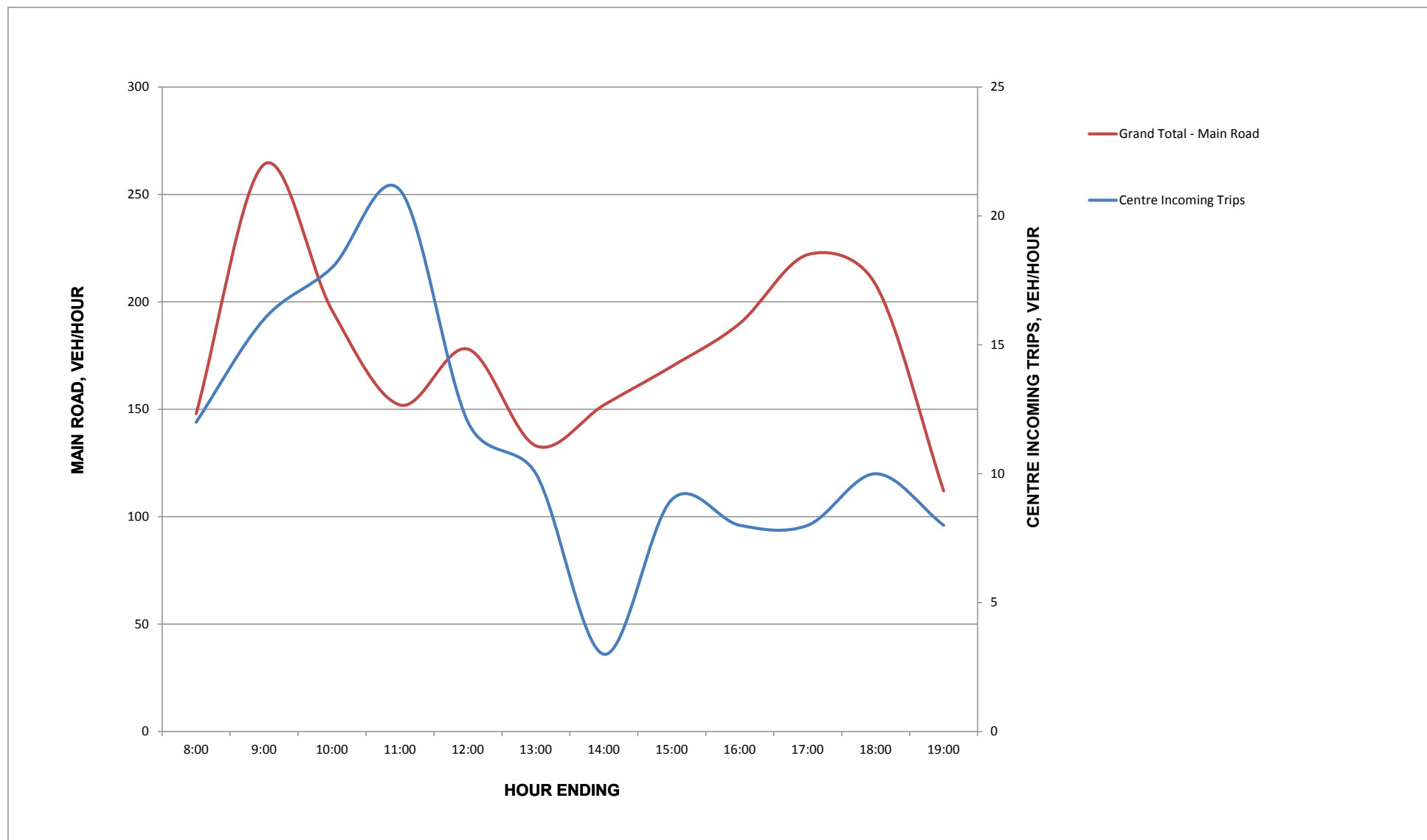


Figure 3.18 Site S9 Balmoral Street Medical Centre, Hornsby – Hourly trip distribution – Vehicles – Monday 16/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.19 Site S10 Barwell Medical Centre, Castle Hill NSW 2154 – Friday 06/03/2015

Table 3.69 Site S10 Barwell Medical Centre, Castle Hill – Survey Results – 15-minute interval data – Friday 06/03/2015.

DATE	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154													Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand ⁴	
15 minute Data	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data	15 minute Data
WEATHER Fine	IN	OUT	Total	Occupancy	IN					OUT					Vehicles ³	Persons	EB	WB	Vehicles	On street
TIME	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total						
AM																				
7:00 to 7:15	n/a	n/a	n/a	n/a	0	0	0	0	0	0.00	0	0	0	0	0	54	29	83	0	
7:15 to 7:30	n/a	n/a	n/a	n/a	0	0	0	0	0	0.00	0	0	0	0	0	105	44	149	0	
7:30 to 7:45	n/a	n/a	n/a	n/a	0	0	0	0	0	0.00	0	0	0	0	0	118	41	159	0	
7:45 to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0	0.00	0	0	0	0	0	123	42	165	6	
8:00 to 8:15	n/a	n/a	n/a	n/a	5	5	0	10	2.00	0	0	0	0	0	5	10	118	55	173	
8:15 to 8:30	n/a	n/a	n/a	n/a	1	1	0	2	2.00	0	0	0	0	0	1	2	117	72	189	
8:30 to 8:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	1	0	2	2	4	140	57	197	15	
8:45 to 9:00	n/a	n/a	n/a	n/a	5	5	0	10	2.00	4	3	0	7	9	17	125	65	190	17	
9:00 to 9:15	n/a	n/a	n/a	n/a	4	2	1	7	1.50	2	1	0	3	6	10	83	49	132	18	
9:15 to 9:30	n/a	n/a	n/a	n/a	5	3	2	10	1.60	4	3	0	7	9	17	92	52	144	18	
9:30 to 9:45	n/a	n/a	n/a	n/a	7	4	2	13	1.57	1	1	0	2	8	15	91	46	137	18	
9:45 to 10:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	4	3	0	7	5	8	84	45	129	17	
10:00 to 10:15	n/a	n/a	n/a	n/a	6	4	1	11	1.67	5	4	1	10	11	21	89	54	143	16	
10:15 to 10:30	n/a	n/a	n/a	n/a	5	3	2	10	1.60	4	3	0	7	9	17	77	51	128	17	
10:30 to 10:45	n/a	n/a	n/a	n/a	4	3	1	8	1.75	1	1	0	2	5	10	73	39	112	18	
10:45 to 11:00	n/a	n/a	n/a	n/a	2	1	0	3	1.50	3	2	0	5	5	8	61	44	105	18	
11:00 to 11:15	n/a	n/a	n/a	n/a	3	1	1	5	1.33	2	1	0	3	5	8	70	45	115	18	
11:15 to 11:30	n/a	n/a	n/a	n/a	3	1	1	5	1.33	2	1	0	3	5	8	82	40	122	19	
11:30 to 11:45	n/a	n/a	n/a	n/a	2	1	0	3	1.50	3	1	1	5	5	8	64	46	110	20	
11:45 to 12:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	1	1	4	3	6	67	39	106	17	
PM																				
12:00 to 12:15	n/a	n/a	n/a	n/a	4	2	0	6	1.50	2	1	0	3	6	9	78	42	120	13	
12:15 to 12:30	n/a	n/a	n/a	n/a	3	1	1	5	1.33	0	0	0	0	3	5	83	40	123	15	
12:30 to 12:45	n/a	n/a	n/a	n/a	3	1	1	5	1.33	3	2	1	6	7	11	84	45	129	16	
12:45 to 13:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	1	2	81	40	121	8	
13:00 to 13:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	76	46	122	0	
13:15 to 13:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	2	1	0	3	4	6	70	51	121	5	
13:30 to 13:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	1	0	2	2	4	63	33	96	10	
13:45 to 14:00	n/a	n/a	n/a	n/a	4	3	0	7	1.75	1	1	0	2	5	9	75	40	115	10	
14:00 to 14:15	n/a	n/a	n/a	n/a	3	2	0	5	1.67	2	1	0	3	5	8	63	47	110	11	
14:15 to 14:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	1	0	3	2	3	76	53	129	13	
14:30 to 14:45	n/a	n/a	n/a	n/a	3	3	0	6	2.00	3	1	0	4	7	10	79	56	135	16	
14:45 to 15:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	1	0	3	3	5	92	52	144	15	
15:00 to 15:15	n/a	n/a	n/a	n/a	3	3	0	6	2.00	3	2	0	5	6	11	91	44	135	13	
15:15 to 15:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	1	2	105	61	166	13	
15:30 to 15:45	n/a	n/a	n/a	n/a	6	5	0	11	1.83	2	1	0	3	8	14	84	80	164	13	
15:45 to 16:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	1	0	2	2	3	80	70	150	13	
16:00 to 16:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	2	1	0	3	4	6	68	61	129	12	
16:15 to 16:30	n/a	n/a	n/a	n/a	1	1	0	2	2.00	3	2	0	5	4	7	87	81	168	11	
16:30 to 16:45	n/a	n/a	n/a	n/a	5	4	0	9	1.80	1	1	0	2	6	11	95	65	160	11	
16:45 to 17:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	4	3	0	7	5	8	106	73	179	10	
17:00 to 17:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	103	69	172	8	
17:15 to 17:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	92	72	164	4	
17:30 to 17:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	85	60	145	0	
17:45 to 18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	107	62	169	0	
18:00 to 18:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	75	91	166	0	
18:15 to 18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	103	85	188	0	
18:30 to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	77	63	140	0	
18:45 to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	73	61	134	0	
TOTAL	n/a	n/a	n/a	n/a	98	65	13	176	1.64	74	49	4	127	174	303	4184	2598	6782		

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.70 Site S10 Barwell Medical Centre, Castle Hill – Survey Results – Hourly data – rolling at 15 minute intervals – Friday 06/03/2015.

DATE	6 March 2015		Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154												Grand Total		Main Road Data		Grand Total - Main Road			
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine			IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	EB	WB	Vehicles			
TIME							Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total		
AM																						
7:00	to	8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	400	156	556			
7:15	to	8:15	n/a	n/a	n/a	n/a	5	5	0	10	2.00	0	0	0	0	5	464	182	646			
7:30	to	8:30	n/a	n/a	n/a	n/a	6	6	0	12	2.00	0	0	0	0	6	476	210	686			
7:45	to	8:45	n/a	n/a	n/a	n/a	7	7	0	14	2.00	1	1	0	2	8	498	226	724			
8:00	to	9:00	n/a	n/a	n/a	n/a	12	12	0	24	2.00	5	4	0	9	17	500	249	749			
8:15	to	9:15	n/a	n/a	n/a	n/a	11	9	1	21	1.82	7	5	0	12	18	465	243	708			
8:30	to	9:30	n/a	n/a	n/a	n/a	15	11	3	29	1.73	11	8	0	19	26	440	223	663			
8:45	to	9:45	n/a	n/a	n/a	n/a	21	14	5	40	1.67	11	8	0	19	32	391	212	603			
9:00	to	10:00	n/a	n/a	n/a	n/a	17	9	5	31	1.53	11	8	0	19	28	350	192	542			
9:15	to	10:15	n/a	n/a	n/a	n/a	19	11	5	35	1.58	14	11	1	26	33	356	197	553			
9:30	to	10:30	n/a	n/a	n/a	n/a	19	11	5	35	1.58	14	11	1	26	33	341	196	537			
9:45	to	10:45	n/a	n/a	n/a	n/a	16	10	4	30	1.63	14	11	1	26	30	323	189	512			
10:00	to	11:00	n/a	n/a	n/a	n/a	17	11	4	32	1.65	13	10	1	24	30	300	188	488			
10:15	to	11:15	n/a	n/a	n/a	n/a	14	8	4	26	1.57	10	7	0	17	24	281	179	460			
10:30	to	11:30	n/a	n/a	n/a	n/a	12	6	3	21	1.50	8	5	0	13	20	286	168	454			
10:45	to	11:45	n/a	n/a	n/a	n/a	10	4	2	16	1.40	10	5	1	16	20	277	175	452			
11:00	to	12:00	n/a	n/a	n/a	n/a	9	4	2	15	1.44	9	4	2	15	18	283	170	453			
11:15	to	12:15	n/a	n/a	n/a	n/a	10	5	1	16	1.50	9	4	2	15	13	291	167	458			
11:30	to	12:30	n/a	n/a	n/a	n/a	10	5	1	16	1.50	7	3	2	12	14	292	167	459			
11:45	to	12:45	n/a	n/a	n/a	n/a	11	5	2	18	1.45	7	4	2	13	12	312	166	478			
PM																						
12:00	to	13:00	n/a	n/a	n/a	n/a	10	4	2	16	1.40	6	4	1	11	17	326	167	493			
12:15	to	13:15	n/a	n/a	n/a	n/a	6	2	2	10	1.33	4	3	1	8	11	324	171	495			
12:30	to	13:30	n/a	n/a	n/a	n/a	5	2	1	8	1.40	6	4	1	11	12	311	182	493			
12:45	to	13:45	n/a	n/a	n/a	n/a	3	2	0	5	1.67	4	3	0	7	7	290	170	460			
13:00	to	14:00	n/a	n/a	n/a	n/a	7	5	0	12	1.71	4	3	0	7	11	284	170	454			
13:15	to	14:15	n/a	n/a	n/a	n/a	10	7	0	17	1.70	6	4	0	10	16	271	171	442			
13:30	to	14:30	n/a	n/a	n/a	n/a	8	6	0	14	1.75	6	4	0	10	14	277	173	450			
13:45	to	14:45	n/a	n/a	n/a	n/a	10	8	0	18	1.80	8	4	0	12	19	293	196	489			
14:00	to	15:00	n/a	n/a	n/a	n/a	7	6	0	13	1.86	9	4	0	13	17	310	208	518			
14:15	to	15:15	n/a	n/a	n/a	n/a	7	7	0	14	2.00	10	5	0	15	18	338	205	543			
14:30	to	15:30	n/a	n/a	n/a	n/a	7	7	0	14	2.00	9	5	0	14	17	367	213	580			
14:45	to	15:45	n/a	n/a	n/a	n/a	10	9	0	19	1.90	8	5	0	13	18	372	237	609			
15:00	to	16:00	n/a	n/a	n/a	n/a	10	8	0	18	1.80	7	5	0	12	17	360	255	615			
15:15	to	16:15	n/a	n/a	n/a	n/a	9	6	0	15	1.67	6	4	0	10	15	337	272	609			
15:30	to	16:30	n/a	n/a	n/a	n/a	10	7	0	17	1.70	8	5	0	13	18	319	292	611			
15:45	to	16:45	n/a	n/a	n/a	n/a	9	6	0	15	1.67	7	5	0	12	16	330	277	607			
16:00	to	17:00	n/a	n/a	n/a	n/a	9	6	0	15	1.67	10	7	0	17	19	356	280	636			
16:15	to	17:15	n/a	n/a	n/a	n/a	7	5	0	12	1.71	8	6	0	14	15	391	288	679			
16:30	to	17:30	n/a	n/a	n/a	n/a	6	4	0	10	1.67	5	4	0	9	11	396	279	675			
16:45	to	17:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	4	3	0	7	5	386	274	660			
17:00	to	18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	387	263	650			
17:15	to	18:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	359	285	644			
17:30	to	18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	370	298	668			
17:45	to	18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	362	301	663			
18:00	to	19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	328	300	628			

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.71 Site S10 Barwell Medical Centre, Castle Hill – Hourly data – Consecutive – Friday 06/03/2015.

DATE 6 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154													
1-hour Data														
WEATHER Fine	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)									
TIME	IN	OUT	Total	Occupancy	IN					OUT				
					Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	
AM														
7:00 to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	
8:00 to 9:00	n/a	n/a	n/a	n/a	12	12	0	24	2.00	5	4	0	9	
9:00 to 10:00	n/a	n/a	n/a	n/a	17	9	5	31	1.53	11	8	0	19	
10:00 to 11:00	n/a	n/a	n/a	n/a	17	11	4	32	1.65	13	10	1	24	
11:00 to 12:00	n/a	n/a	n/a	n/a	9	4	2	15	1.44	9	4	2	15	
PM														
12:00 to 13:00	n/a	n/a	n/a	n/a	10	4	2	16	1.40	6	4	1	11	
13:00 to 14:00	n/a	n/a	n/a	n/a	7	5	0	12	1.71	4	3	0	7	
14:00 to 15:00	n/a	n/a	n/a	n/a	7	6	0	13	1.86	9	4	0	13	
15:00 to 16:00	n/a	n/a	n/a	n/a	10	8	0	18	1.80	7	5	0	12	
16:00 to 17:00	n/a	n/a	n/a	n/a	9	6	0	15	1.67	10	7	0	17	
17:00 to 18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	
18:00 to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	
Total	n/a	n/a	n/a	n/a	98	65	13	176	1.66	74	49	4	127	

Grand Total
1-hour Data
Vehicles ⁴
0
17
28
30
18
17
11
17
17
19
0
0
174

Persons
0
33
50
56
30
27
19
26
30
32
0
0
303

Main Road Data ⁵
1-hour Data
EB
400
500
350
300
283
326
284
310
360
356
387
328
4184

WB
156
249
192
188
170
167
170
208
255
280
263
300
2598

Grand Total - Main Road
1-hour Data
Vehicles
556
749
542
488
453
493
454
518
615
636
650
628
6782

Table 3.72 Site S10 Barwell Medical Centre, Castle Hill – Travel mode – Friday 06/03/2015.

DATE 6 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154													
Average group size (people)	Average duration of stay (hrs)	Travel Mode												
			Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other	
1.66	0:32	IN	Total	65	43	3	0	1	0	0	0	7	0	
			%	54.6	36.1	2.5	0.0	0.8	0.0	0.0	0.0	5.9	0.0	
		OUT	Total	65	43	3	0	1	0	0	0	7	0	
			%	54.6	36.1	2.5	0.0	0.8	0.0	0.0	0.0	5.9	0.0	

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.41 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

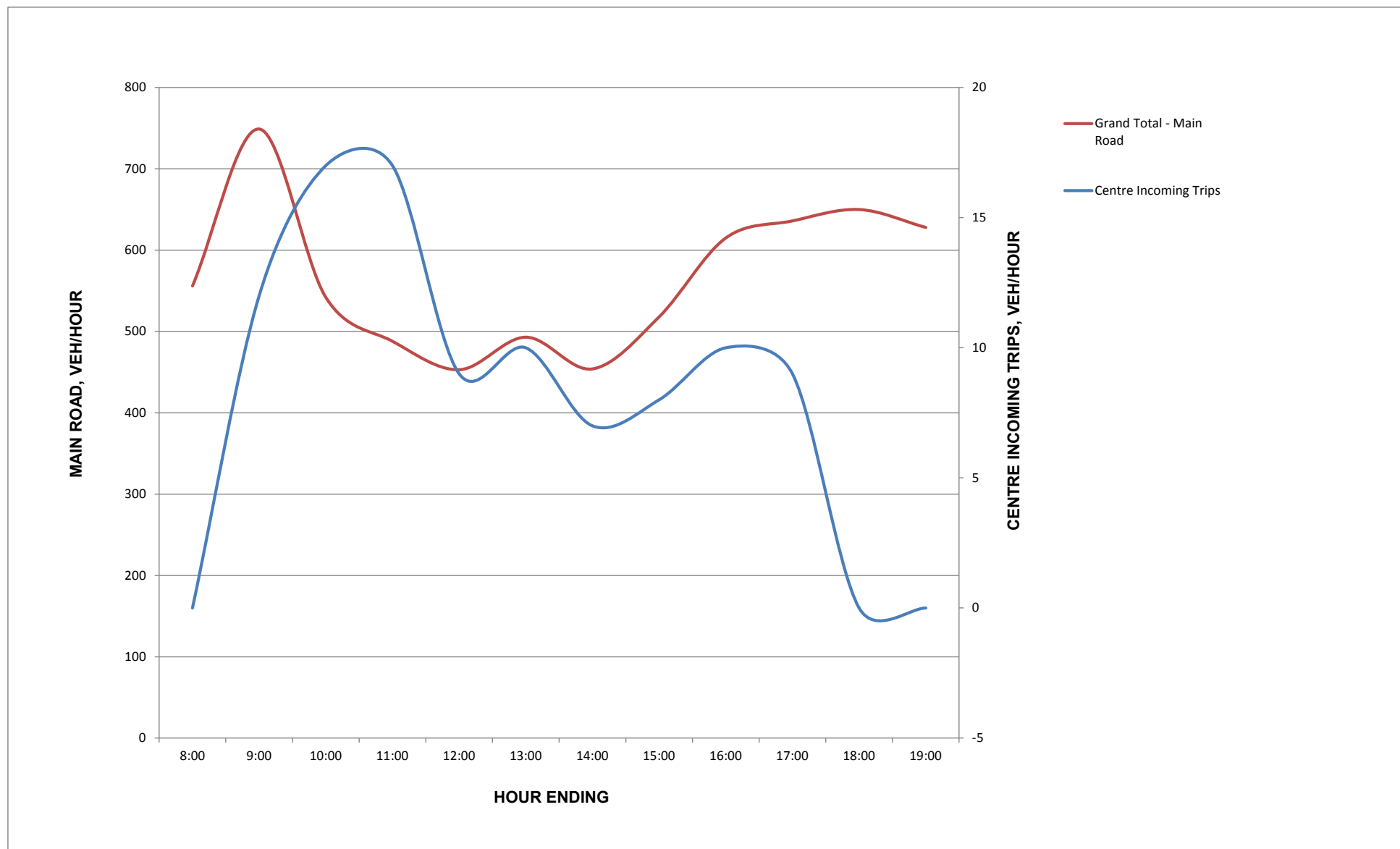


Figure 3.19 Site S10 Barwell Medical Centre, Castle Hill – Hourly trip distribution – Vehicles – Friday 06/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.20 Site S10 Barwell Medical Centre, Castle Hill NSW 2154 – Sunday 08/03/2015

Table 3.73 Site S10 Barwell Medical Centre, Castle Hill – Survey Results – 15-minute interval data – Sunday 08/03/2015.

DATE 8 March 2015		Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154												Grand Total		Main Road Data		Grand Total - Main Road		Parking Demand ⁴					
15 minute Data														15 minute Data		15 minute Data		15 minute Data							
WEATHER Fine		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								Vehicles ³		Persons		EB		WB		Vehicles		On street	
TIME		IN	OUT	Total	Occupancy	Driver	Passngr	IN	Total	Occupancy ²	Driver	Passngr	Non-Car												
AM																									
8:30	to 8:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0										
8:45	to 9:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0										
9:00	to 9:15	n/a	n/a	n/a	n/a	4	2	0	6	1.50	0	0	0	0	0										
9:15	to 9:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	1	0	0	0	1										
9:30	to 9:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	1	0	0	3										
9:45	to 10:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	0	2										
10:00	to 10:15	n/a	n/a	n/a	n/a	6	3	1	10	1.50	0	0	0	0	0										
10:15	to 10:30	n/a	n/a	n/a	n/a	4	2	0	6	1.50	2	1	0	0	3										
10:30	to 10:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	1	0	0	3										
10:45	to 11:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	0	0	0	1										
11:00	to 11:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	4	2	0	0	6										
11:15	to 11:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	3	1	1	1	5										
11:30	to 11:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	1	0	0	2										
11:45	to 12:00	n/a	n/a	n/a	n/a	2	1	0	3	1.50	1	0	0	0	1										
PM																									
12:00	to 12:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0										
12:15	to 12:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0										
12:30	to 12:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	1	0	0	2										
12:45	to 13:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	0	1										
13:00	to 13:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0										
13:15	to 13:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0										
TOTAL		n/a	n/a	n/a	n/a	23	12	1	36	1.56	20	9	1	0	30										

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.74 Site S10 Barwell Medical Centre, Castle Hill – Survey Results – Hourly data – rolling at 15 minute intervals – Sunday 08/03/2015.

DATE		8 March 2015		Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154											Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data
WEATHER Fine		IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	EB	WB	Vehicles		
TIME						Driver	Pasngr	Non-Car	Total	Occupancy ²	Driver	Pasngr	Non-Car						Total	
AM																				
7:45	to 8:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	80		
8:00	to 9:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	144		
8:15	to 9:15	n/a	n/a	n/a	n/a	4	2	0	6	1.50	0	0	0	0	0	0	0	227		
8:30	to 9:30	n/a	n/a	n/a	n/a	6	3	0	9	1.50	1	0	0	0	1	0	0	318		
8:45	to 9:45	n/a	n/a	n/a	n/a	6	3	0	9	1.50	3	1	0	4	0	0	0	325		
9:00	to 10:00	n/a	n/a	n/a	n/a	6	3	0	9	1.50	4	2	0	6	0	0	0	382		
9:15	to 10:15	n/a	n/a	n/a	n/a	8	4	1	13	1.50	4	2	0	6	0	0	0	419		
9:30	to 10:30	n/a	n/a	n/a	n/a	10	5	1	16	1.50	5	3	0	8	0	0	0	448		
9:45	to 10:45	n/a	n/a	n/a	n/a	10	5	1	16	1.50	5	3	0	8	0	0	0	485		
10:00	to 11:00	n/a	n/a	n/a	n/a	11	6	1	18	1.55	5	2	0	7	0	0	0	492		
10:15	to 11:15	n/a	n/a	n/a	n/a	7	4	0	11	1.57	9	4	0	13	0	0	0	467		
10:30	to 11:30	n/a	n/a	n/a	n/a	3	2	0	5	1.67	10	4	1	15	0	0	0	449		
10:45	to 11:45	n/a	n/a	n/a	n/a	4	3	0	7	1.75	9	4	1	14	0	0	0	437		
11:00	to 12:00	n/a	n/a	n/a	n/a	5	3	0	8	1.60	9	4	1	14	0	0	0	435		
11:15	to 12:15	n/a	n/a	n/a	n/a	3	2	0	5	1.67	5	2	1	8	0	0	0	454		
11:30	to 12:30	n/a	n/a	n/a	n/a	3	2	0	5	1.67	2	1	0	3	0	0	0	489		
11:45	to 12:45	n/a	n/a	n/a	n/a	3	1	0	4	1.33	2	1	0	3	0	0	0	514		
PM																				
12:00	to 13:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	0	3	0	0	0	470		
12:15	to 13:15	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	0	3	0	0	0	447		
12:30	to 13:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	0	3	0	0	0	404		
12:45	to 13:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1	0	0	0	267		
13:00	to 14:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	185		
13:15	to 14:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	94		

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.75 Site S10 Barwell Medical Centre, Castle Hill – Hourly data – Consecutive – Sunday 08/03/2015.

DATE 8 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154													Grand Total		Main Road Data ⁵		Grand Total - Main Road	
1-hour Data	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data
WEATHER Fine	IN	OUT	Total	Occupancy	IN					OUT					Vehicles ⁴	Persons	EB	WB	Vehicles
TIME					Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total						
AM																			
8:00 to 9:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0		0		102	42	144
9:00 to 10:00	n/a	n/a	n/a	n/a	6	3	0	9	1.50	4	2	0	6		10		281	101	382
10:00 to 11:00	n/a	n/a	n/a	n/a	11	6	1	18	1.55	5	2	0	7		16		331	161	492
11:00 to 12:00	n/a	n/a	n/a	n/a	5	3	0	8	1.60	9	4	1	14		14		276	159	435
PM																			
12:00 to 13:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	0	3		3		307	163	470
13:00 to 14:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0		0		109	76	185
Total	n/a	n/a	n/a	n/a	23	12	1	36	1.52	20	9	1	30		n/a		1406	702	2108

Table 3.76 Site S10 Barwell Medical Centre, Castle Hill – Travel mode – Sunday 08/03/2015.

DATE 8 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154												
Average group size (people)	Average duration of stay (hrs)	Travel Mode											
2.25	0:48	IN	Total	8	10	0	0	0	0	0	0	0	0
			%	44.4	55.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OUT	Total	8	10	0	0	0	0	0	0	0	0
			%	44.4	55.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.42 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

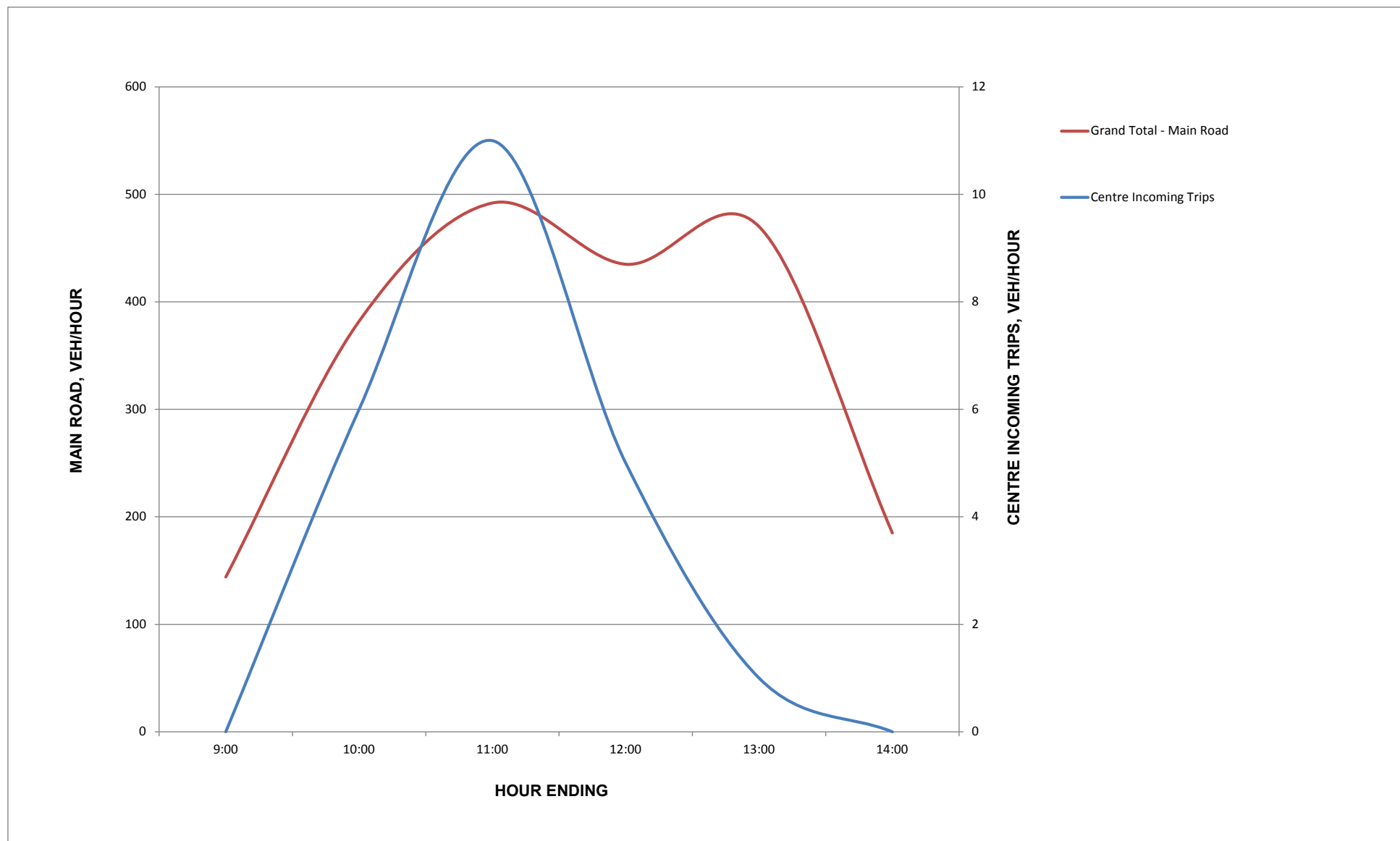


Figure 3.20 Site S10 Barwell Medical Centre, Castle Hill – Hourly trip distribution – Vehicles – Sunday 08/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.21 Site S10 Barwell Medical Centre, Castle Hill NSW 2154 – Monday 09/03/2015

Table 3.77 Site S10 Barwell Medical Centre, Castle Hill – Survey Results – 15-minute interval data – Monday 09/03/2015.

DATE 9 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154														Grand Total		Main Road Data		Grand Total - Main Road		Parking Demand ⁴	
15 minute Data	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data			
WEATHER Sunny	IN	OUT	Total	Occupancy	IN					OUT					Vehicles ³	Persons	EB	WB	Vehicles	On street		
TIME					Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total									
AM																						
7:30 to 7:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	6	45	51	0				
7:45 to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	100	46	146	10				
8:00 to 8:15	n/a	n/a	n/a	n/a	6	4	0	10	1.67	0	0	0	0	5	10	94	45	139	21			
8:15 to 8:30	n/a	n/a	n/a	n/a	3	2	1	6	1.67	2	1	0	3	6	9	109	61	170	21			
8:30 to 8:45	n/a	n/a	n/a	n/a	3	2	1	6	1.67	5	3	1	9	12	15	134	62	196	21			
8:45 to 9:00	n/a	n/a	n/a	n/a	6	4	0	10	1.67	2	1	0	3	8	13	101	70	171	22			
9:00 to 9:15	n/a	n/a	n/a	n/a	8	5	1	14	1.63	4	2	1	7	11	21	70	50	120	23			
9:15 to 9:30	n/a	n/a	n/a	n/a	10	7	1	18	1.70	4	3	1	8	14	26	83	47	130	25			
9:30 to 9:45	n/a	n/a	n/a	n/a	8	6	1	15	1.75	3	2	0	5	11	20	82	41	123	27			
9:45 to 10:00	n/a	n/a	n/a	n/a	7	5	1	13	1.71	6	4	1	11	12	24	76	27	103	30			
10:00 to 10:15	n/a	n/a	n/a	n/a	5	3	1	9	1.60	6	4	1	11	10	20	83	53	136	32			
10:15 to 10:30	n/a	n/a	n/a	n/a	7	5	1	13	1.71	4	2	1	7	10	20	63	46	109	31			
10:30 to 10:45	n/a	n/a	n/a	n/a	6	4	0	10	1.67	2	1	0	3	7	13	43	39	82	30			
10:45 to 11:00	n/a	n/a	n/a	n/a	4	3	1	8	1.75	3	2	0	5	7	13	55	38	93	29			
11:00 to 11:15	n/a	n/a	n/a	n/a	8	5	1	14	1.63	3	2	1	6	11	20	62	38	100	28			
11:15 to 11:30	n/a	n/a	n/a	n/a	8	5	1	14	1.63	7	5	1	13	15	27	71	46	117	27			
11:30 to 11:45	n/a	n/a	n/a	n/a	3	2	1	6	1.67	3	2	0	5	7	11	71	39	110	25			
11:45 to 12:00	n/a	n/a	n/a	n/a	5	3	1	9	1.60	1	0	0	1	6	10	73	41	114	26			
PM																						
12:00 to 12:15	n/a	n/a	n/a	n/a	6	4	1	11	1.67	2	1	1	4	9	15	64	36	100	27			
12:15 to 12:30	n/a	n/a	n/a	n/a	8	6	1	15	1.75	4	2	1	7	13	22	63	32	95	28			
12:30 to 12:45	n/a	n/a	n/a	n/a	3	2	0	5	1.67	8	5	2	15	11	20	52	53	105	30			
12:45 to 13:00	n/a	n/a	n/a	n/a	3	2	1	6	1.67	3	2	1	6	7	12	68	33	101	21			
13:00 to 13:15	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	0	0	1	2	3	52	47	99	11			
13:15 to 13:30	n/a	n/a	n/a	n/a	6	4	0	10	1.67	2	1	1	4	10	14	65	39	104	13			
13:30 to 13:45	n/a	n/a	n/a	n/a	3	2	1	6	1.67	1	0	0	1	5	7	54	34	88	15			
13:45 to 14:00	n/a	n/a	n/a	n/a	4	3	1	8	1.75	2	1	0	3	7	11	65	35	100	16			
14:00 to 14:15	n/a	n/a	n/a	n/a	1	1	0	2	2.00	4	3	1	8	7	10	62	35	97	18			
14:15 to 14:30	n/a	n/a	n/a	n/a	3	2	1	6	1.67	4	2	1	7	10	13	78	61	139	14			
14:30 to 14:45	n/a	n/a	n/a	n/a	3	2	1	6	1.67	4	2	1	7	10	13	72	55	127	9			
14:45 to 15:00	n/a	n/a	n/a	n/a	2	2	0	4	2.00	2	1	1	4	6	8	95	78	173	11			
15:00 to 15:15	n/a	n/a	n/a	n/a	4	3	1	8	1.75	1	1	0	2	4	10	88	72	160	13			
15:15 to 15:30	n/a	n/a	n/a	n/a	4	3	1	8	1.75	1	1	0	2	4	10	78	57	135	15			
15:30 to 15:45	n/a	n/a	n/a	n/a	11	7	1	19	1.64	2	1	1	4	7	23	64	58	122	17			
15:45 to 16:00	n/a	n/a	n/a	n/a	6	4	0	10	1.67	6	4	1	11	7	21	87	65	152	17			
16:00 to 16:15	n/a	n/a	n/a	n/a	6	4	0	10	1.67	7	4	1	12	7	22	84	86	170	17			
16:15 to 16:30	n/a	n/a	n/a	n/a	4	3	0	7	1.75	6	4	0	10	5	17	81	71	152	17			
16:30 to 16:45	n/a	n/a	n/a	n/a	7	5	0	12	1.71	4	3	1	8	7	20	77	56	133	17			
16:45 to 17:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	0	0	0	0	0	1	80	60	140	15			
17:00 to 17:15	n/a	n/a	n/a	n/a	7	5	1	13	1.71	7	4	1	12	17	25	87	81	168	13			
17:15 to 17:30	n/a	n/a	n/a	n/a	6	4	0	10	1.67	3	2	1	6	10	16	75	64	139	12			
17:30 to 17:45	n/a	n/a	n/a	n/a	3	2	0	5	1.67	6	4	0	10	12	15	67	70	137	11			
17:45 to 18:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	3	2	1	6	7	8	80	60	140	10			
TOTAL	n/a	n/a	n/a	n/a	200	137	24	361	1.70	138	84	25	247	336	608	3114	2172	5286				

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.78 Site S10 Barwell Medical Centre, Castle Hill – Survey Results – Hourly data – rolling at 15 minute intervals – Monday 09/03/2015.

DATE	9 March 2015													Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data																			
WEATHER	Sunny				Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										
	IN		OUT		Total		Occupancy		IN					OUT					
TIME					Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total						
AM																			
7:00 to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0						
7:15 to 8:15	n/a	n/a	n/a	n/a	6	4	0	10	1.67	0	0	0	0						
7:30 to 8:30	n/a	n/a	n/a	n/a	9	6	1	16	1.67	2	1	0	3						
7:45 to 8:45	n/a	n/a	n/a	n/a	12	8	2	22	1.67	7	4	1	12						
8:00 to 9:00	n/a	n/a	n/a	n/a	18	12	2	32	1.67	9	5	1	15						
8:15 to 9:15	n/a	n/a	n/a	n/a	20	13	3	36	1.65	13	7	2	22						
8:30 to 9:30	n/a	n/a	n/a	n/a	27	18	3	48	1.67	15	9	3	27						
8:45 to 9:45	n/a	n/a	n/a	n/a	32	22	3	57	1.69	13	8	2	23						
9:00 to 10:00	n/a	n/a	n/a	n/a	33	23	4	60	1.70	17	11	3	31						
9:15 to 10:15	n/a	n/a	n/a	n/a	30	21	4	55	1.70	19	13	3	35						
9:30 to 10:30	n/a	n/a	n/a	n/a	27	19	4	50	1.70	19	12	3	34						
9:45 to 10:45	n/a	n/a	n/a	n/a	25	17	3	45	1.68	18	11	3	32						
10:00 to 11:00	n/a	n/a	n/a	n/a	22	15	3	40	1.68	15	9	2	26						
10:15 to 11:15	n/a	n/a	n/a	n/a	25	17	3	45	1.68	12	7	2	21						
10:30 to 11:30	n/a	n/a	n/a	n/a	26	17	3	46	1.65	15	10	2	27						
10:45 to 11:45	n/a	n/a	n/a	n/a	23	15	4	42	1.65	16	11	2	29						
11:00 to 12:00	n/a	n/a	n/a	n/a	24	15	4	43	1.63	14	9	2	25						
11:15 to 12:15	n/a	n/a	n/a	n/a	22	14	4	40	1.64	13	8	2	23						
11:30 to 12:30	n/a	n/a	n/a	n/a	22	15	4	41	1.68	10	5	2	17						
11:45 to 12:45	n/a	n/a	n/a	n/a	22	15	3	40	1.68	15	8	4	27						
PM																			
12:00 to 13:00	n/a	n/a	n/a	n/a	20	14	3	37	1.70	17	10	5	32						
12:15 to 13:15	n/a	n/a	n/a	n/a	15	11	2	28	1.73	16	9	4	29						
12:30 to 13:30	n/a	n/a	n/a	n/a	13	9	1	23	1.69	14	8	4	26						
12:45 to 13:45	n/a	n/a	n/a	n/a	13	9	2	24	1.69	7	3	2	12						
13:00 to 14:00	n/a	n/a	n/a	n/a	14	10	2	26	1.71	6	2	1	9						
13:15 to 14:15	n/a	n/a	n/a	n/a	14	10	2	26	1.71	9	5	2	16						
13:30 to 14:30	n/a	n/a	n/a	n/a	11	8	3	22	1.73	11	6	2	19						
13:45 to 14:45	n/a	n/a	n/a	n/a	11	8	3	22	1.73	14	8	3	25						
14:00 to 15:00	n/a	n/a	n/a	n/a	9	7	2	18	1.78	14	8	4	26						
14:15 to 15:15	n/a	n/a	n/a	n/a	12	9	3	24	1.75	11	6	3	20						
14:30 to 15:30	n/a	n/a	n/a	n/a	13	10	3	26	1.77	8	5	2	15						
14:45 to 15:45	n/a	n/a	n/a	n/a	21	15	3	39	1.71	6	4	2	12						
15:00 to 16:00	n/a	n/a	n/a	n/a	25	17	3	45	1.68	10	7	2	19						
15:15 to 16:15	n/a	n/a	n/a	n/a	27	18	2	47	1.67	16	10	3	29						
15:30 to 16:30	n/a	n/a	n/a	n/a	27	18	1	46	1.67	21	13	3	37						
15:45 to 16:45	n/a	n/a	n/a	n/a	23	16	0	39	1.70	23	15	3	41						
16:00 to 17:00	n/a	n/a	n/a	n/a	18	12	0	30	1.67	17	11	2	30						
16:15 to 17:15	n/a	n/a	n/a	n/a	19	13	1	33	1.68	17	11	2	30						
16:30 to 17:30	n/a	n/a	n/a	n/a	21	14	1	36	1.67	14	9	3	26						
16:45 to 17:45	n/a	n/a	n/a	n/a	17	11	1	29	1.65	16	10	2	28						
17:00 to 18:00	n/a	n/a	n/a	n/a	17	12	1	30	1.71	19	12	3	34						
17:15 to 18:15	n/a	n/a	n/a	n/a	10	7	0	17	1.70	12	8	2	22						
17:30 to 18:30	n/a	n/a	n/a	n/a	4	3	0	7	1.75	9	6	1	16						
17:45 to 18:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	3	2	1	6						
18:00 to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0						

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.79 Site S10 Barwell Medical Centre, Castle Hill – Hourly data – Consecutive – Monday 09/03/2015.

DATE	9 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154													Grand Total		Main Road Data ⁵	Grand Total - Main Road
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)									1-hour Data		1-hour Data	
WEATHER Sunny																		
TIME		IN	OUT	Total	Occupancy	IN					OUT				Vehicles ⁴	Persons	EB	WB
AM						Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total				
7:00 to 8:00		n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	106	91
8:00 to 9:00		n/a	n/a	n/a	n/a	18	12	2	32	1.67	9	5	1	15	31	47	438	238
9:00 to 10:00		n/a	n/a	n/a	n/a	33	23	4	60	1.70	17	11	3	31	48	91	311	165
10:00 to 11:00		n/a	n/a	n/a	n/a	22	15	3	40	1.68	15	9	2	26	34	66	244	176
11:00 to 12:00		n/a	n/a	n/a	n/a	24	15	4	43	1.63	14	9	2	25	39	68	277	164
PM																		
12:00 to 13:00		n/a	n/a	n/a	n/a	20	14	3	37	1.70	17	10	5	32	40	69	247	154
13:00 to 14:00		n/a	n/a	n/a	n/a	14	10	2	26	1.71	6	2	1	9	24	35	236	155
14:00 to 15:00		n/a	n/a	n/a	n/a	9	7	2	18	1.78	14	8	4	26	33	44	307	229
15:00 to 16:00		n/a	n/a	n/a	n/a	25	17	3	45	1.68	10	7	2	19	22	64	317	252
16:00 to 17:00		n/a	n/a	n/a	n/a	18	12	0	30	1.67	17	11	2	30	19	60	322	273
17:00 to 18:00		n/a	n/a	n/a	n/a	17	12	1	30	1.71	19	12	3	34	46	64	309	275
Total		n/a	n/a	n/a	n/a	200	137	24	361	1.69	138	84	25	247	336	608	3114	2172

Table 3.80 Site S10 Barwell Medical Centre, Castle Hill – Travel mode – Monday 09/03/2015.

DATE 9 March 2015		Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154												
Average group size (people)	Average duration of stay (hrs)			Travel Mode										
				Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
2.16	0:38	IN	Total	17	21	3	0	0	0	0	0	0	0	0
			%	41.5	51.2	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OUT	Total	17	21	3	0	0	0	0	0	0	0	0
			%	41.5	51.2	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² The number of incoming trips in Figure 3.43 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.⁴ Total person drivers (cars) in and out.⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

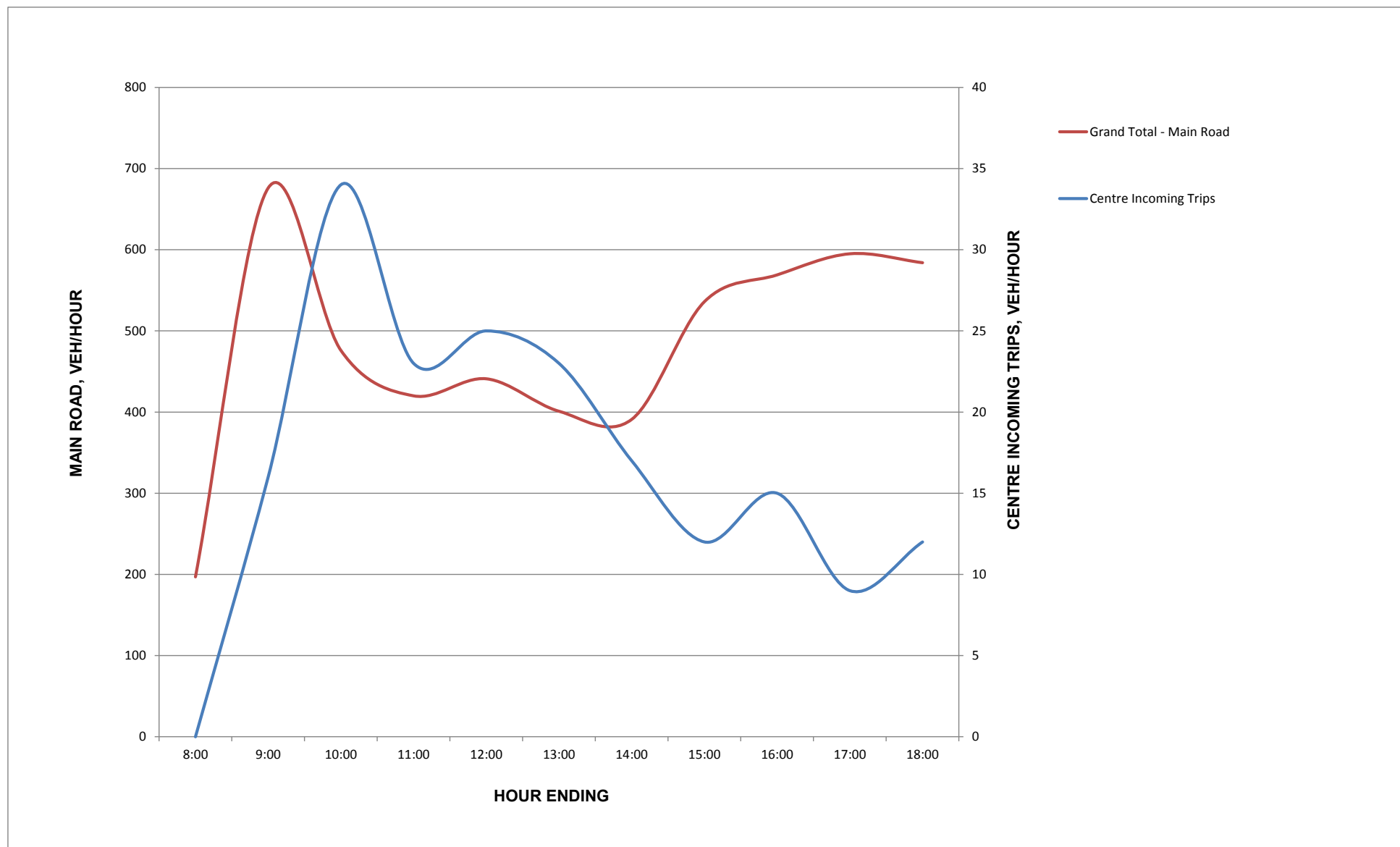


Figure 3.21 Site S10 Barwell Medical Centre, Castle Hill – Hourly trip distribution – Vehicles – Monday 09/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.22 Site S10 Barwell Medical Centre, Castle Hill NSW 2154 – Tuesday 10/03/2015

Table 3.81 Site S10 Barwell Medical Centre, Castle Hill – Survey Results – 15-minute interval data – Tuesday 10/03/2015.

DATE	10 March 2015		Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154													Grand Total		Main Road Data		Grand Total - Main Road		Parking Demand ⁴										
15 minute Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data		15 minute Data									
WEATHER Sunny			IN		OUT		Total		Occupancy		IN				OUT				Vehicles ³		Persons		EB		WB		Vehicles		On street			
TIME											Driver		Passngr		Non-Car		Total		Occupancy ²		Driver		Passngr		Non-Car		Total					
AM																																
7:30	to	7:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:45	to	8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:00	to	8:15	n/a	n/a	n/a	n/a	6	4	1	11	1.67	1	0	0	0	0	1	7	12	12	21	134	75	209	166	158	135	143	120	95	89	
8:15	to	8:30	n/a	n/a	n/a	n/a	4	3	0	7	1.75	2	1	0	0	3	6	10	12	21	134	75	209	166	158	135	143	120	95	89		
8:30	to	8:45	n/a	n/a	n/a	n/a	10	7	1	18	1.70	2	1	0	0	3	8	15	12	21	134	75	209	166	158	135	143	120	95	89		
8:45	to	9:00	n/a	n/a	n/a	n/a	4	3	1	8	1.75	4	2	1	7	7	15	8	15	106	60	166	158	135	143	120	95	89	8	13		
9:00	to	9:15	n/a	n/a	n/a	n/a	12	8	1	21	1.67	3	2	1	6	6	27	15	27	97	61	158	135	143	120	95	89	8	13			
9:15	to	9:30	n/a	n/a	n/a	n/a	10	7	0	17	1.70	3	2	1	6	6	23	13	23	86	49	135	143	120	95	89	8	13				
9:30	to	9:45	n/a	n/a	n/a	n/a	7	5	0	12	1.71	1	1	0	2	2	14	8	14	88	55	143	120	95	89	8	13					
9:45	to	10:00	n/a	n/a	n/a	n/a	7	5	0	12	1.71	5	3	1	9	2	21	12	21	80	40	120	95	89	8	13						
10:00	to	10:15	n/a	n/a	n/a	n/a	2	2	0	4	2.00	3	2	0	5	5	9	5	9	61	34	95	89	8	13							
10:15	to	10:30	n/a	n/a	n/a	n/a	6	4	1	11	1.67	1	1	0	2	2	13	7	13	56	33	89	8	13								
10:30	to	10:45	n/a	n/a	n/a	n/a	6	4	1	11	1.67	2	1	1	4	4	15	8	15	73	36	109	8	13								
10:45	to	11:00	n/a	n/a	n/a	n/a	4	3	1	8	1.75	4	2	1	7	7	15	8	15	64	40	104	8	13								
11:00	to	11:15	n/a	n/a	n/a	n/a	6	4	0	10	1.67	7	5	1	13	13	23	13	23	70	42	112	8	13								
11:15	to	11:30	n/a	n/a	n/a	n/a	3	2	0	5	1.67	6	4	1	11	11	16	9	16	69	26	95	8	13								
11:30	to	11:45	n/a	n/a	n/a	n/a	3	2	1	6	1.67	3	2	1	6	6	12	6	12	62	36	98	8	13								
11:45	to	12:00	n/a	n/a	n/a	n/a	4	3	1	8	1.75	6	4	1	11	11	19	10	19	61	42	103	8	13								
PM																																
12:00	to	12:15	n/a	n/a	n/a	n/a	4	3	0	7	1.75	3	2	0	5	5	12	7	12	61	41	102	8	13								
12:15	to	12:30	n/a	n/a	n/a	n/a	3	2	1	6	1.67	0	0	0	0	0	6	3	6	80	45	125	8	13								
12:30	to	12:45	n/a	n/a	n/a	n/a	4	3	0	7	1.75	1	1	0	2	2	9	5	9	82	48	130	8	13								
12:45	to	13:00	n/a	n/a	n/a	n/a	3	2	1	6	1.67	1	0	0	1	1	7	4	7	73	37	110	8	13								
13:00	to	13:15	n/a	n/a	n/a	n/a	3	2	0	5	1.67	2	1	1	4	4	9	5	9	53	36	89	7	13								
13:15	to	13:30	n/a	n/a	n/a	n/a	3	2	0	5	1.67	1	0	0	1	1	6	4	6	42	30	72	9	13								
13:30	to	13:45	n/a	n/a	n/a	n/a	4	3	1	8	1.75	1	0	0	1	1	9	5	9	71	41	112	10	13								
13:45	to	14:00	n/a	n/a	n/a	n/a	3	2	1	6	1.67	2	1	1	4	4	10	5	10	61	46	107	10	13								
14:00	to	14:15	n/a	n/a	n/a	n/a	3	2	0	5	1.67	1	1	0	2	2	7	4	7	62	45	107	9	13								
14:15	to	14:30	n/a	n/a	n/a	n/a	3	2	0	5	1.67	1	1	0	2	2	7	4	7	82	36	118	10	13								
14:30	to	14:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	3	2	0	5	5	7	4	7	69	41	110	10	13								
14:45	to	15:00	n/a	n/a	n/a	n/a	4	3	1	8	1.75	0	0	0	0	0	8	4	8	73	52	125	10	13								
15:00	to	15:15	n/a	n/a	n/a	n/a	4	3	0	7	1.75	5	3	1	9	9	16	9	16	82	57	139	10	13								
15:15	to	15:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	1	0	0	1	1	4	3	4	76	65	141	9	13								
15:30	to	15:45	n/a	n/a	n/a	n/a	6	4	0	10	1.67	4	3	1	8	8	18	10	18	85	77	162	8	13								
15:45	to	16:00	n/a	n/a	n/a	n/a	3	2	0	5	1.67	1	0	0	1	1	6	4	6	78	56	134	8	13								
16:00	to	16:15	n/a	n/a	n/a	n/a	3	2	1	6	1.67	1	0	0	1	1	7	4	7	60	67	127	8	13								
16:15	to	16:30	n/a	n/a	n/a	n/a	7	5	1	13	1.71	4	2	1	7	7	20	11	20	86	67	153	11	13								
16:30	to	16:45	n/a	n/a	n/a	n/a	2	2	0	4	2.00	1	0	0	1	1	5	3	5	91	58	149	13	13								
16:45	to	17:00	n/a	n/a	n/a	n/a	2	1	0	3	1.50	2	1	0	3	3	6	4	6	78	60	138	12	13								
17:00	to	17:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	4	3	1	8	8	8	4	8	65	89	154	12	13								
17:15	to	17:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	0	3	3	4	3	4	76	57	133	9	13								
17:30	to	17:45	n/a	n/a	n/a	n/a	2	2	0	4	2.00	0	0	0	0	0	4	2	4	89	86	175	7	13								
17:45	to	18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	2	0	1	2	94	52	146	3	13								
18:00	to	18:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	98	73	171	0	13								
18:15	to	18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	65	0	65	0	13								
TOTAL			n/a	n/a	n/a	n/a	164	115	16	295	1.70	95	56	16	167	167	462	259	462	3509	2202	5711										

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.82 Site S10 Barwell Medical Centre, Castle Hill – Survey Results – Hourly data – rolling at 15 minute intervals – Tuesday 10/03/2015.

DATE 10 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154													
1-hour Data														
WEATHER Sunny	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)									
TIME	IN	OUT	Total	Occupancy	IN					OUT				
					Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	
AM														
7:00 to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	
7:15 to 8:15	n/a	n/a	n/a	n/a	6	4	1	11	1.67	1	0	0	1	
7:30 to 8:30	n/a	n/a	n/a	n/a	10	7	1	18	1.70	3	1	0	4	
7:45 to 8:45	n/a	n/a	n/a	n/a	20	14	2	36	1.70	5	2	0	7	
8:00 to 9:00	n/a	n/a	n/a	n/a	24	17	3	44	1.71	9	4	1	14	
8:15 to 9:15	n/a	n/a	n/a	n/a	30	21	3	54	1.70	11	6	2	19	
8:30 to 9:30	n/a	n/a	n/a	n/a	36	25	3	64	1.69	12	7	3	22	
8:45 to 9:45	n/a	n/a	n/a	n/a	33	23	2	58	1.70	11	7	3	21	
9:00 to 10:00	n/a	n/a	n/a	n/a	36	25	1	62	1.69	12	8	3	23	
9:15 to 10:15	n/a	n/a	n/a	n/a	26	19	0	45	1.73	12	8	2	22	
9:30 to 10:30	n/a	n/a	n/a	n/a	22	16	1	39	1.73	10	7	1	18	
9:45 to 10:45	n/a	n/a	n/a	n/a	21	15	2	38	1.71	11	7	2	20	
10:00 to 11:00	n/a	n/a	n/a	n/a	18	13	3	34	1.72	10	6	2	18	
10:15 to 11:15	n/a	n/a	n/a	n/a	22	15	3	40	1.68	14	9	3	26	
10:30 to 11:30	n/a	n/a	n/a	n/a	19	13	2	34	1.68	19	12	4	35	
10:45 to 11:45	n/a	n/a	n/a	n/a	16	11	2	29	1.69	20	13	4	37	
11:00 to 12:00	n/a	n/a	n/a	n/a	16	11	2	29	1.69	22	15	4	41	
11:15 to 12:15	n/a	n/a	n/a	n/a	14	10	2	26	1.71	18	12	3	33	
11:30 to 12:30	n/a	n/a	n/a	n/a	14	10	3	27	1.71	12	8	2	22	
11:45 to 12:45	n/a	n/a	n/a	n/a	15	11	2	28	1.73	10	7	1	18	
PM														
12:00 to 13:00	n/a	n/a	n/a	n/a	14	10	2	26	1.71	5	3	0	8	
12:15 to 13:15	n/a	n/a	n/a	n/a	13	9	2	24	1.69	4	2	1	7	
12:30 to 13:30	n/a	n/a	n/a	n/a	13	9	1	23	1.69	5	2	1	8	
12:45 to 13:45	n/a	n/a	n/a	n/a	13	9	2	24	1.69	5	1	1	7	
13:00 to 14:00	n/a	n/a	n/a	n/a	13	9	2	24	1.69	6	2	2	10	
13:15 to 14:15	n/a	n/a	n/a	n/a	13	9	2	24	1.69	5	2	1	8	
13:30 to 14:30	n/a	n/a	n/a	n/a	13	9	2	24	1.69	5	3	1	9	
13:45 to 14:45	n/a	n/a	n/a	n/a	10	7	1	18	1.70	7	5	1	13	
14:00 to 15:00	n/a	n/a	n/a	n/a	11	8	1	20	1.73	5	4	0	9	
14:15 to 15:15	n/a	n/a	n/a	n/a	12	9	1	22	1.75	9	6	1	16	
14:30 to 15:30	n/a	n/a	n/a	n/a	11	8	1	20	1.73	9	5	1	15	
14:45 to 15:45	n/a	n/a	n/a	n/a	16	11	1	28	1.69	10	6	2	18	
15:00 to 16:00	n/a	n/a	n/a	n/a	15	10	0	25	1.67	11	6	2	19	
15:15 to 16:15	n/a	n/a	n/a	n/a	14	9	1	24	1.64	7	3	1	11	
15:30 to 16:30	n/a	n/a	n/a	n/a	19	13	2	34	1.68	10	5	2	17	
15:45 to 16:45	n/a	n/a	n/a	n/a	15	11	2	28	1.73	7	2	1	10	
16:00 to 17:00	n/a	n/a	n/a	n/a	14	10	2	26	1.71	8	3	1	12	
16:15 to 17:15	n/a	n/a	n/a	n/a	11	8	1	20	1.73	11	6	2	19	
16:30 to 17:30	n/a	n/a	n/a	n/a	5	3	0	8	1.60	9	5	1	15	
16:45 to 17:45	n/a	n/a	n/a	n/a	5	3	0	8	1.60	8	5	1	14	
17:00 to 18:00	n/a	n/a	n/a	n/a	3	2	0	5	1.67	7	5	1	13	
17:15 to 18:15	n/a	n/a	n/a	n/a	3	2	0	5	1.67	3	2	0	5	
17:30 to 18:30	n/a	n/a	n/a	n/a	2	2	0	4	2.00	1	1	0	2	
17:45 to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	
18:00 to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.83 Site S10 Barwell Medical Centre, Castle Hill – Hourly data – Consecutive – Tuesday 10/03/2015.

DATE 10 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154													
1-hour Data														
WEATHER Sunny	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)									
TIME	IN	OUT	Total	Occupancy	IN					OUT				
					Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	
AM														
7:00 to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	
8:00 to 9:00	n/a	n/a	n/a	n/a	24	17	3	44	1.71	9	4	1	14	
9:00 to 10:00	n/a	n/a	n/a	n/a	36	25	1	62	1.69	12	8	3	23	
10:00 to 11:00	n/a	n/a	n/a	n/a	18	13	3	34	1.72	10	6	2	18	
11:00 to 12:00	n/a	n/a	n/a	n/a	16	11	2	29	1.69	22	15	4	41	
PM														
12:00 to 13:00	n/a	n/a	n/a	n/a	14	10	2	26	1.71	5	3	0	8	
13:00 to 14:00	n/a	n/a	n/a	n/a	13	9	2	24	1.69	6	2	2	10	
14:00 to 15:00	n/a	n/a	n/a	n/a	11	8	1	20	1.73	5	4	0	9	
15:00 to 16:00	n/a	n/a	n/a	n/a	15	10	0	25	1.67	11	6	2	19	
16:00 to 17:00	n/a	n/a	n/a	n/a	14	10	2	26	1.71	8	3	1	12	
17:00 to 18:00	n/a	n/a	n/a	n/a	3	2	0	5	1.67	7	5	1	13	
18:00 to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	
Total	n/a	n/a	n/a	n/a	164	115	16	295	1.70	95	56	16	167	

Grand Total
1-hour Data
Vehicles ⁴
0
33
48
28
38
19
19
16
26
22
10
0
259

Persons
0
58
85
52
70
34
34
29
44
38
18
0
462

Main Road Data ⁵
1-hour Data
EB
244
466
351
254
262
296
227
286
321
315
324
163
3509

WB
108
238
205
143
146
171
153
174
255
252
284
73
2202

Grand Total - Main Road
1-hour Data
Vehicles
352
704
556
397
408
467
380
460
576
567
608
236
5711

Table 3.84 Site S10 Barwell Medical Centre, Castle Hill – Travel mode – Tuesday 10/03/2015.

DATE 10 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154													
Average group size (people)	Average duration of stay (hrs)	Travel Mode												
			Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other	
1.25	0:37	IN	Total	14	4	0	0	2	0	0	0	0	0	0
			%	70.0	20.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
		OUT	Total	14	4	0	0	2	0	0	0	0	0	0
			%	70.0	20.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.44 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

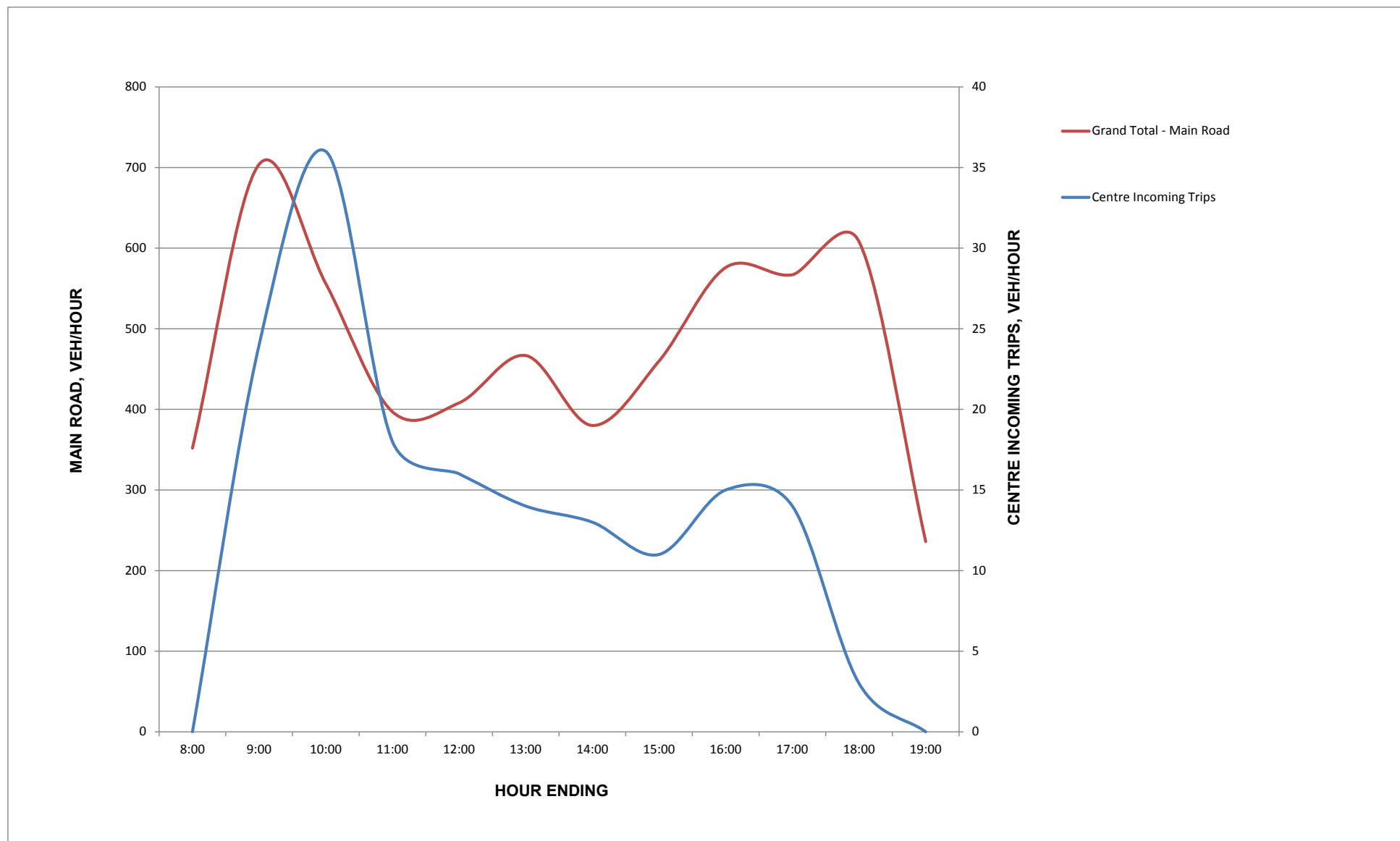


Figure 3.22 Site S10 Barwell Medical Centre, Castle Hill – Hourly trip distribution – Vehicles – Tuesday 10/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.23 Site S10 Barwell Medical Centre, Castle Hill NSW 2154 – Saturday 14/03/2015

Table 3.85 Site S10 Barwell Medical Centre, Castle Hill – Survey Results – 15-minute interval data – Saturday 14/03/2015.

DATE 14 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154												
15 minute Data													
WEATHER Cloudy	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								
TIME	IN	OUT	Total	Occupancy	IN					OUT			
AM					Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total
8:00 to 8:15	n/a	n/a	n/a	n/a	3	1	0	4	1.33	1	0	0	1
8:15 to 8:30	n/a	n/a	n/a	n/a	2	0	1	3	1.00	1	0	0	1
8:30 to 8:45	n/a	n/a	n/a	n/a	2	0	0	2	1.00	2	0	0	2
8:45 to 9:00	n/a	n/a	n/a	n/a	3	1	0	4	1.33	4	0	1	5
9:00 to 9:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	1	0	0	1
9:15 to 9:30	n/a	n/a	n/a	n/a	4	3	0	7	1.75	2	1	1	4
9:30 to 9:45	n/a	n/a	n/a	n/a	5	4	1	10	1.80	3	2	0	5
9:45 to 10:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	3	2	0	5
10:00 to 10:15	n/a	n/a	n/a	n/a	3	2	1	6	1.67	2	1	1	4
10:15 to 10:30	n/a	n/a	n/a	n/a	3	2	0	5	1.67	1	0	0	1
10:30 to 10:45	n/a	n/a	n/a	n/a	3	2	0	5	1.67	2	1	0	3
10:45 to 11:00	n/a	n/a	n/a	n/a	3	2	0	5	1.67	3	2	0	5
11:00 to 11:15	n/a	n/a	n/a	n/a	3	3	0	6	2.00	0	1	0	1
11:15 to 11:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	3	4	0	7
11:30 to 11:45	n/a	n/a	n/a	n/a	3	2	0	5	1.67	0	0	0	0
11:45 to 12:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	1	0	2
PM													
12:00 to 12:15	n/a	n/a	n/a	n/a	4	3	0	7	1.75	2	3	0	5
12:15 to 12:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	1	2	0	3
12:30 to 12:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	3	0	5
12:45 to 13:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	3	0	5
13:00 to 13:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0
13:15 to 13:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0
TOTAL	n/a	n/a	n/a	n/a	50	28	3	81	1.47	36	26	3	65

Grand Total	15 minute Data	
Vehicles ³	Persons	
4	5	
3	4	
4	4	
7	9	
3	4	
6	11	
8	15	
4	6	
5	10	
4	6	
5	8	
6	10	
3	7	
4	8	
3	5	
2	3	
6	12	
3	6	
3	6	
3	7	
0	0	
0	0	
86	146	

Main Road Data	15 minute Data	
EB	WB	
0	0	
0	0	
53	25	
82	36	
92	44	
91	36	
89	29	
112	53	
96	47	
120	52	
109	47	
105	56	
90	57	
99	61	
100	74	
95	65	
90	56	
76	61	
95	62	
69	64	
93	66	
96	57	
1852	1048	

Grand Total - Main Road	15 minute Data	
Vehicles		
0		
0		
78		
118		
136		
127		
118		
165		
143		
172		
156		
161		
147		
160		
174		
160		
146		
137		
157		
133		
159		
153		
2900		

Parking Demand ⁴	15 minute Data	
On street		
4		
6		
8		
7		
7		
8		
9		
10		
11		
10		
11		
10		
10		
11		
10		
11		
10		
2		

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.86 Site S10 Barwell Medical Centre, Castle Hill – Survey Results – Hourly data – rolling at 15 minute intervals – Saturday 14/03/2015.

DATE 14 March 2015		Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154												Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data	
WEATHER Cloudy		IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	EB	WB	Vehicles	
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total
AM																			
7:15	to 8:15	n/a	n/a	n/a	n/a	3	1	0	4	1.33	1	0	0	1	4	5	0	0	0
7:30	to 8:30	n/a	n/a	n/a	n/a	5	1	1	7	1.20	2	0	0	2	7	9	0	0	0
7:45	to 8:45	n/a	n/a	n/a	n/a	7	1	1	9	1.14	4	0	0	4	11	13	53	25	78
8:00	to 9:00	n/a	n/a	n/a	n/a	10	2	1	13	1.20	8	0	1	9	18	22	135	61	196
8:15	to 9:15	n/a	n/a	n/a	n/a	9	2	1	12	1.22	8	0	1	9	17	21	227	105	332
8:30	to 9:30	n/a	n/a	n/a	n/a	11	5	0	16	1.45	9	1	2	12	20	28	318	141	459
8:45	to 9:45	n/a	n/a	n/a	n/a	14	9	1	24	1.64	10	3	2	15	24	39	354	145	499
9:00	to 10:00	n/a	n/a	n/a	n/a	12	8	1	21	1.67	9	5	1	15	21	36	384	162	546
9:15	to 10:15	n/a	n/a	n/a	n/a	13	9	2	24	1.69	10	6	2	18	23	42	388	165	553
9:30	to 10:30	n/a	n/a	n/a	n/a	12	8	2	22	1.67	9	5	1	15	21	37	417	181	598
9:45	to 10:45	n/a	n/a	n/a	n/a	10	6	1	17	1.60	8	4	1	13	18	30	437	199	636
10:00	to 11:00	n/a	n/a	n/a	n/a	12	8	1	21	1.67	8	4	1	13	20	34	430	202	632
10:15	to 11:15	n/a	n/a	n/a	n/a	12	9	0	21	1.75	6	4	0	10	18	31	424	212	636
10:30	to 11:30	n/a	n/a	n/a	n/a	10	7	0	17	1.70	8	8	0	16	18	33	403	221	624
10:45	to 11:45	n/a	n/a	n/a	n/a	10	7	0	17	1.70	6	7	0	13	16	30	394	248	642
11:00	to 12:00	n/a	n/a	n/a	n/a	8	5	0	13	1.63	4	6	0	10	12	23	384	257	641
11:15	to 12:15	n/a	n/a	n/a	n/a	9	5	0	14	1.56	6	8	0	14	9	28	384	256	640
11:30	to 12:30	n/a	n/a	n/a	n/a	10	6	0	16	1.60	4	6	0	10	11	26	361	256	617
11:45	to 12:45	n/a	n/a	n/a	n/a	8	4	0	12	1.50	6	9	0	15	11	27	356	244	600
PM																			
12:00	to 13:00	n/a	n/a	n/a	n/a	8	5	0	13	1.63	7	11	0	18	15	31	330	243	573
12:15	to 13:15	n/a	n/a	n/a	n/a	4	2	0	6	1.50	5	8	0	13	9	19	333	253	586
12:30	to 13:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	4	6	0	10	6	13	353	249	602
12:45	to 13:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	3	0	5	3	7	258	187	445
13:00	to 14:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	189	123	312
13:15	to 14:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	96	57	153

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.87 Site S10 Barwell Medical Centre, Castle Hill – Hourly data – Consecutive – Saturday 14/03/2015.

DATE 14 March 2015		Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154													Grand Total		Main Road Data ⁵		Grand Total - Main Road		
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Cloudy	TIME	IN	OUT	Total	Occupancy	IN				OUT				Vehicles ⁴	Persons	EB	WB	Vehicles			
						Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car						Total		
AM																					
8:00 to 9:00		n/a	n/a	n/a	n/a	10	2	1	13	1.20	8	0	1	9	18	22	135	61	196		
9:00 to 10:00		n/a	n/a	n/a	n/a	12	8	1	21	1.67	9	5	1	15	21	36	384	162	546		
10:00 to 11:00		n/a	n/a	n/a	n/a	12	8	1	21	1.67	8	4	1	13	20	34	430	202	632		
11:00 to 12:00		n/a	n/a	n/a	n/a	8	5	0	13	1.63	4	6	0	10	12	23	384	257	641		
PM																					
12:00 to 13:00		n/a	n/a	n/a	n/a	8	5	0	13	1.63	7	11	0	18	15	31	330	243	573		
13:00 to 14:00		n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	189	123	312		
Total		n/a	n/a	n/a	n/a	50	28	3	81	1.56	36	26	3	65	n/a	146	1852	1048	2900		

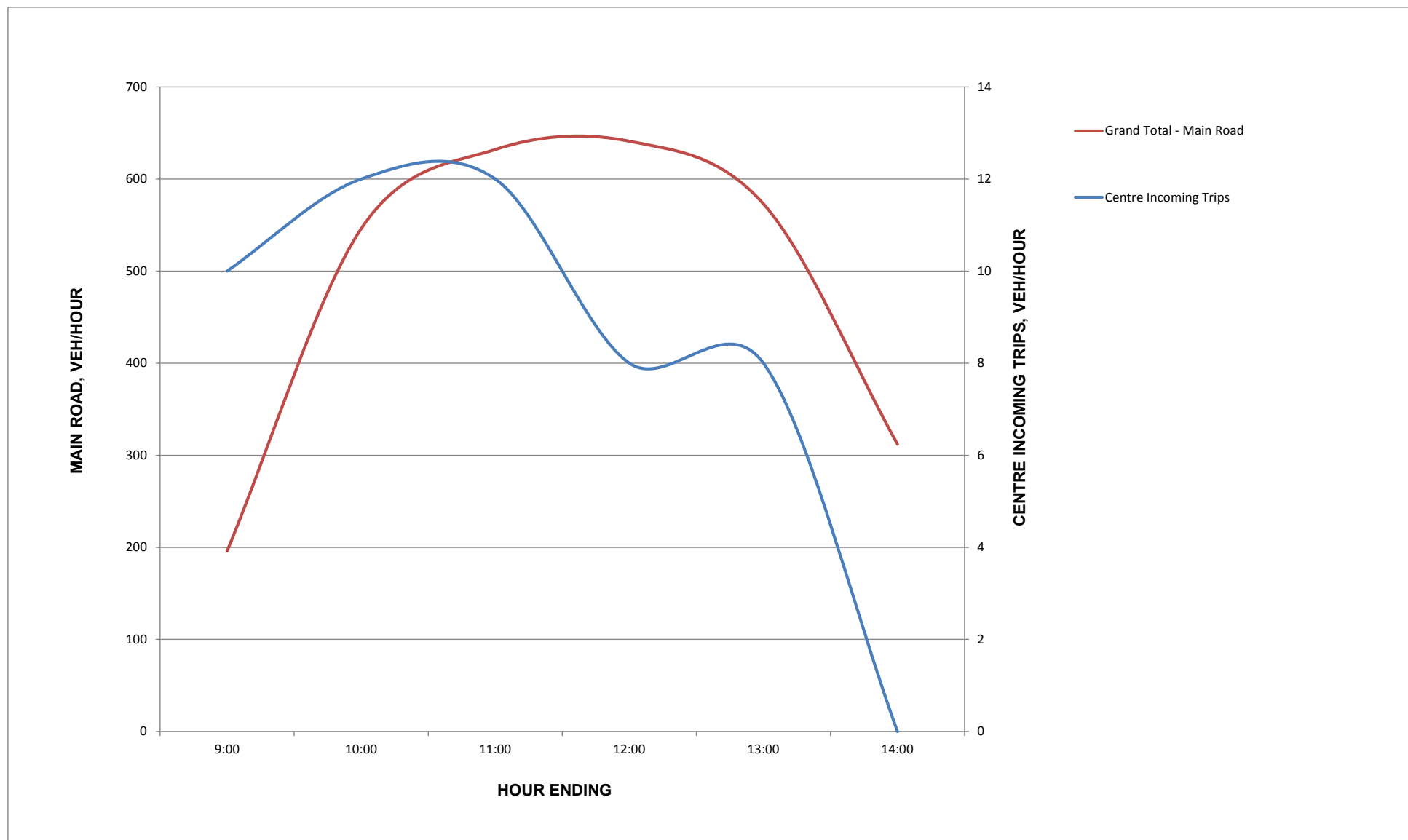


Figure 3.23 Site S10 Barwell Medical Centre, Castle Hill – Hourly trip distribution – Vehicles – Saturday 14/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.24 Site S10 Barwell Medical Centre, Castle Hill NSW 2154 – Wednesday 25/03/2015

Table 3.89 Site S10 Barwell Medical Centre, Castle Hill – Survey Results – 15-minute interval data – Wednesday 25/03/2015.

DATE 24 March 2015	Wyong Family Practice - 152-156 Pacific Hwy, Tuggerah NSW 2259													Grand Total	Main Road Data	Grand Total - Main Road	Parking Demand ⁴
15 minute Data														15 minute Data	15 minute Data	15 minute Data	15 minute Data
WEATHER Fine	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)												
TIME	IN	OUT	Total	Occupancy	IN					OUT				Vehicles ³	Persons	NB	SB
AM					Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total				
8:15 to 8:30	n/a	n/a	n/a	n/a	4	0	0	4	1.00	1	0	0	1	5	5	268	566
8:30 to 8:45	n/a	n/a	n/a	n/a	11	0	0	11	1.00	3	0	0	3	14	14	317	643
8:45 to 9:00	n/a	n/a	n/a	n/a	8	0	0	8	1.00	7	0	0	7	15	15	313	677
9:00 to 9:15	n/a	n/a	n/a	n/a	6	1	2	9	1.17	4	0	1	5	10	14	320	637
9:15 to 9:30	n/a	n/a	n/a	n/a	5	1	1	7	1.20	7	1	1	9	12	16	281	573
9:30 to 9:45	n/a	n/a	n/a	n/a	5	1	1	7	1.20	6	0	2	8	11	15	261	558
9:45 to 10:00	n/a	n/a	n/a	n/a	4	0	1	5	1.00	7	1	1	9	11	14	272	571
10:00 to 10:15	n/a	n/a	n/a	n/a	6	1	2	9	1.17	12	1	3	16	18	25	261	524
10:15 to 10:30	n/a	n/a	n/a	n/a	5	1	1	7	1.20	7	1	1	9	12	16	244	496
10:30 to 10:45	n/a	n/a	n/a	n/a	6	1	1	8	1.17	9	1	1	11	15	19	182	418
10:45 to 11:00	n/a	n/a	n/a	n/a	8	1	2	11	1.13	5	0	1	6	13	17	211	435
11:00 to 11:15	n/a	n/a	n/a	n/a	7	3	1	11	1.43	5	1	1	7	12	18	246	517
11:15 to 11:30	n/a	n/a	n/a	n/a	6	2	1	9	1.33	3	1	0	4	9	13	232	517
11:30 to 11:45	n/a	n/a	n/a	n/a	5	2	1	8	1.40	5	1	1	7	10	15	270	554
11:45 to 12:00	n/a	n/a	n/a	n/a	3	1	1	5	1.33	6	1	1	8	9	13	251	526
PM																	
12:00 to 12:15	n/a	n/a	n/a	n/a	3	1	0	4	1.33	4	1	0	5	7	9	244	556
12:15 to 12:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	5	1	0	6	7	9	243	561
12:30 to 12:45	n/a	n/a	n/a	n/a	9	4	1	14	1.44	8	1	1	10	17	24	270	561
12:45 to 13:00	n/a	n/a	n/a	n/a	5	2	1	8	1.40	3	1	0	4	8	12	257	548
13:00 to 13:15	n/a	n/a	n/a	n/a	3	2	0	5	1.67	4	3	0	7	7	12	260	556
13:15 to 13:30	n/a	n/a	n/a	n/a	6	3	0	9	1.50	10	7	0	17	16	26	260	598
13:30 to 13:45	n/a	n/a	n/a	n/a	2	1	0	3	1.50	2	2	0	4	4	7	244	563
13:45 to 14:00	n/a	n/a	n/a	n/a	3	2	0	5	1.67	3	2	0	5	6	10	264	594
14:00 to 14:15	n/a	n/a	n/a	n/a	3	2	0	5	1.67	3	2	0	5	6	10	358	692
14:15 to 14:30	n/a	n/a	n/a	n/a	3	2	0	5	1.67	2	2	0	4	5	9	257	619
14:30 to 14:45	n/a	n/a	n/a	n/a	4	2	0	6	1.50	2	2	0	4	6	10	292	636
14:45 to 15:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	2	0	4	3	6	280	604
15:00 to 15:15	n/a	n/a	n/a	n/a	4	3	0	7	1.75	2	1	0	3	6	10	291	627
15:15 to 15:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	0	3	3	4	275	631
15:30 to 15:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	1	2	270	587
15:45 to 16:00	n/a	n/a	n/a	n/a	2	2	0	4	2.00	1	1	0	2	3	6	267	598
16:00 to 16:15	n/a	n/a	n/a	n/a	2	2	0	4	2.00	1	0	0	1	3	5	299	615
16:15 to 16:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	0	3	3	4	252	627
16:30 to 16:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	275	588
16:45 to 17:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	3	1	0	4	4	5	243	567
17:00 to 17:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	2	0	4	2	4	253	573
17:15 to 17:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	1	2	238	565
17:30 to 17:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	187	516
17:45 to 18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	191	488
18:00 to 18:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	207	449
18:15 to 18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	94	244
TOTAL	n/a	n/a	n/a	n/a	144	45	17	206	1.37	150	44	15	209	294	415	10500	22975

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.90 Site S10 Barwell Medical Centre, Castle Hill – Survey Results – Hourly data – rolling at 15 minute intervals – Wednesday 25/03/2015.

DATE	25 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154														Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Sunny		IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	EB	WB	Vehicles			
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car							Total	
AM																					
7:00	to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0			326			
7:15	to 8:15	n/a	n/a	n/a	n/a	8	5	0	13	1.63	1	1	0	2	9	15	330	169	499		
7:30	to 8:30	n/a	n/a	n/a	n/a	15	9	0	24	1.60	4	2	0	6	19	30	452	229	681		
7:45	to 8:45	n/a	n/a	n/a	n/a	21	12	0	33	1.57	5	3	0	8	26	41	466	255	721		
8:00	to 9:00	n/a	n/a	n/a	n/a	23	13	0	36	1.57	9	5	0	14	32	50	478	260	738		
8:15	to 9:15	n/a	n/a	n/a	n/a	21	12	0	33	1.57	10	5	0	15	31	48	476	239	715		
8:30	to 9:30	n/a	n/a	n/a	n/a	20	12	0	32	1.60	10	7	0	17	30	49	453	221	674		
8:45	to 9:45	n/a	n/a	n/a	n/a	20	13	0	33	1.65	12	9	0	21	32	54	424	190	614		
9:00	to 10:00	n/a	n/a	n/a	n/a	24	16	0	40	1.67	14	12	0	26	38	66	366	169	535		
9:15	to 10:15	n/a	n/a	n/a	n/a	24	16	0	40	1.67	20	18	0	38	44	78	322	166	488		
9:30	to 10:30	n/a	n/a	n/a	n/a	23	16	0	39	1.70	25	22	0	47	48	86	290	161	451		
9:45	to 10:45	n/a	n/a	n/a	n/a	19	13	0	32	1.68	25	21	0	46	44	78	265	163	429		
10:00	to 11:00	n/a	n/a	n/a	n/a	19	14	0	33	1.74	21	18	0	39	40	72	259	155	414		
10:15	to 11:15	n/a	n/a	n/a	n/a	15	11	0	26	1.73	14	11	0	25	29	51	252	152	404		
10:30	to 11:30	n/a	n/a	n/a	n/a	14	8	2	24	1.57	6	4	0	10	20	34	244	154	398		
10:45	to 11:45	n/a	n/a	n/a	n/a	13	7	2	22	1.54	5	3	1	9	18	31	239	148	387		
11:00	to 12:00	n/a	n/a	n/a	n/a	12	4	3	19	1.33	5	2	2	9	17	28	236	159	395		
11:15	to 12:15	n/a	n/a	n/a	n/a	16	5	5	26	1.31	10	5	3	18	14	44	252	155	407		
11:30	to 12:30	n/a	n/a	n/a	n/a	14	5	3	22	1.36	10	5	3	18	22	40	261	155	416		
11:45	to 12:45	n/a	n/a	n/a	n/a	15	6	3	24	1.40	13	6	3	22	21	46	265	161	426		
PM																					
12:00	to 13:00	n/a	n/a	n/a	n/a	14	5	3	22	1.36	13	6	3	22	27	44	267	162	429		
12:15	to 13:15	n/a	n/a	n/a	n/a	9	4	1	14	1.44	9	5	2	16	18	30	276	167	443		
12:30	to 13:30	n/a	n/a	n/a	n/a	11	6	1	18	1.55	11	7	2	20	22	38	278	171	449		
12:45	to 13:45	n/a	n/a	n/a	n/a	11	6	1	18	1.55	10	9	1	20	21	38	279	175	454		
13:00	to 14:00	n/a	n/a	n/a	n/a	12	9	0	21	1.75	10	10	0	20	22	41	282	160	442		
13:15	to 14:15	n/a	n/a	n/a	n/a	15	10	0	25	1.67	9	9	0	18	24	43	254	158	412		
13:30	to 14:30	n/a	n/a	n/a	n/a	15	9	0	24	1.60	11	11	0	22	26	46	240	148	388		
13:45	to 14:45	n/a	n/a	n/a	n/a	15	10	0	25	1.67	11	11	0	22	26	47	238	140	378		
14:00	to 15:00	n/a	n/a	n/a	n/a	11	7	0	18	1.64	13	13	0	26	24	44	247	163	410		
14:15	to 15:15	n/a	n/a	n/a	n/a	8	6	0	14	1.75	13	13	0	26	21	40	277	185	462		
14:30	to 15:30	n/a	n/a	n/a	n/a	7	9	2	18	2.29	10	10	0	20	17	38	308	217	525		
14:45	to 15:45	n/a	n/a	n/a	n/a	7	10	3	20	2.43	7	7	0	14	14	34	319	248	567		
15:00	to 16:00	n/a	n/a	n/a	n/a	7	12	4	23	2.71	7	7	0	14	14	37	319	243	562		
15:15	to 16:15	n/a	n/a	n/a	n/a	7	13	4	24	2.86	7	7	0	14	14	38	310	254	564		
15:30	to 16:30	n/a	n/a	n/a	n/a	7	14	4	25	3.00	8	8	0	16	15	41	309	264	573		
15:45	to 16:45	n/a	n/a	n/a	n/a	6	13	4	23	3.17	10	10	0	20	16	43	298	263	561		
16:00	to 17:00	n/a	n/a	n/a	n/a	7	13	4	24	2.86	7	7	0	14	14	38	312	278	590		
16:15	to 17:15	n/a	n/a	n/a	n/a	13	11	4	28	1.85	8	6	2	16	21	44	327	280	607		
16:30	to 17:30	n/a	n/a	n/a	n/a	13	5	2	20	1.38	10	4	5	19	23	39	340	271	611		
16:45	to 17:45	n/a	n/a	n/a	n/a	12	3	1	16	1.25	9	1	6	16	21	32	358	261	619		
17:00	to 18:00	n/a	n/a	n/a	n/a	10	0	0	10	1.00	8	0	6	14	18	24	368	281	649		
17:15	to 18:15	n/a	n/a	n/a	n/a	3	0	0	3	1.00	6	0	4	10	9	13	357	275	632		
17:30	to 18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	0	1	3	2	3	326	272	598		
17:45	to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	245	212	457		
18:00	to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	145	129	274		

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.91 Site S10 Barwell Medical Centre, Castle Hill – Hourly data – Consecutive – Wednesday 25/03/2015.

DATE 25 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154													
1-hour Data														
WEATHER Sunny	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)									
TIME	IN	OUT	Total	Occupancy	IN					OUT				
					Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	
AM														
7:00 to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	
8:00 to 9:00	n/a	n/a	n/a	n/a	23	13	0	36	1.57	9	5	0	14	
9:00 to 10:00	n/a	n/a	n/a	n/a	24	16	0	40	1.67	14	12	0	26	
10:00 to 11:00	n/a	n/a	n/a	n/a	19	14	0	33	1.74	21	18	0	39	
11:00 to 12:00	n/a	n/a	n/a	n/a	12	4	3	19	1.33	5	2	2	9	
PM														
12:00 to 13:00	n/a	n/a	n/a	n/a	14	5	3	22	1.36	13	6	3	22	
13:00 to 14:00	n/a	n/a	n/a	n/a	12	9	0	21	1.75	10	10	0	20	
14:00 to 15:00	n/a	n/a	n/a	n/a	11	7	0	18	1.64	13	13	0	26	
15:00 to 16:00	n/a	n/a	n/a	n/a	7	12	4	23	2.71	7	7	0	14	
16:00 to 17:00	n/a	n/a	n/a	n/a	7	13	4	24	2.86	7	7	0	14	
17:00 to 18:00	n/a	n/a	n/a	n/a	10	0	0	10	1.00	8	0	6	14	
18:00 to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	
Total	n/a	n/a	n/a	n/a	139	93	14	246	1.67	107	80	11	198	

Grand Total
1-hour Data
Vehicles ⁴
0
32
38
40
17
27
22
24
14
14
18
0
246

Main Road Data ⁵
1-hour Data
EB
222
478
366
259
236
267
282
247
319
312
368
145
3501

Grand Total - Main Road
1-hour Data
Vehicles
326
738
535
414
395
429
442
410
562
590
649
274
5764

Table 3.92 Site S10 Barwell Medical Centre, Castle Hill – Travel mode – Wednesday 25/03/2015.

DATE 25 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154													
Average group size (people)	Average duration of stay (hrs)	Travel Mode												
		Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other		
1.64	0:34	IN	Total	49	31	0	0	1	0	0	0	3	0	
			%	58.3	36.9	0.0	0.0	1.2	0.0	0.0	0.0	3.6	0.0	
		OUT	Total	49	31	0	0	1	0	0	0	3	0	
			%	58.3	36.9	0.0	0.0	1.2	0.0	0.0	0.0	3.6	0.0	

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² The number of incoming trips in Figure 3.46 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.⁴ Total person drivers (cars) in and out.⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

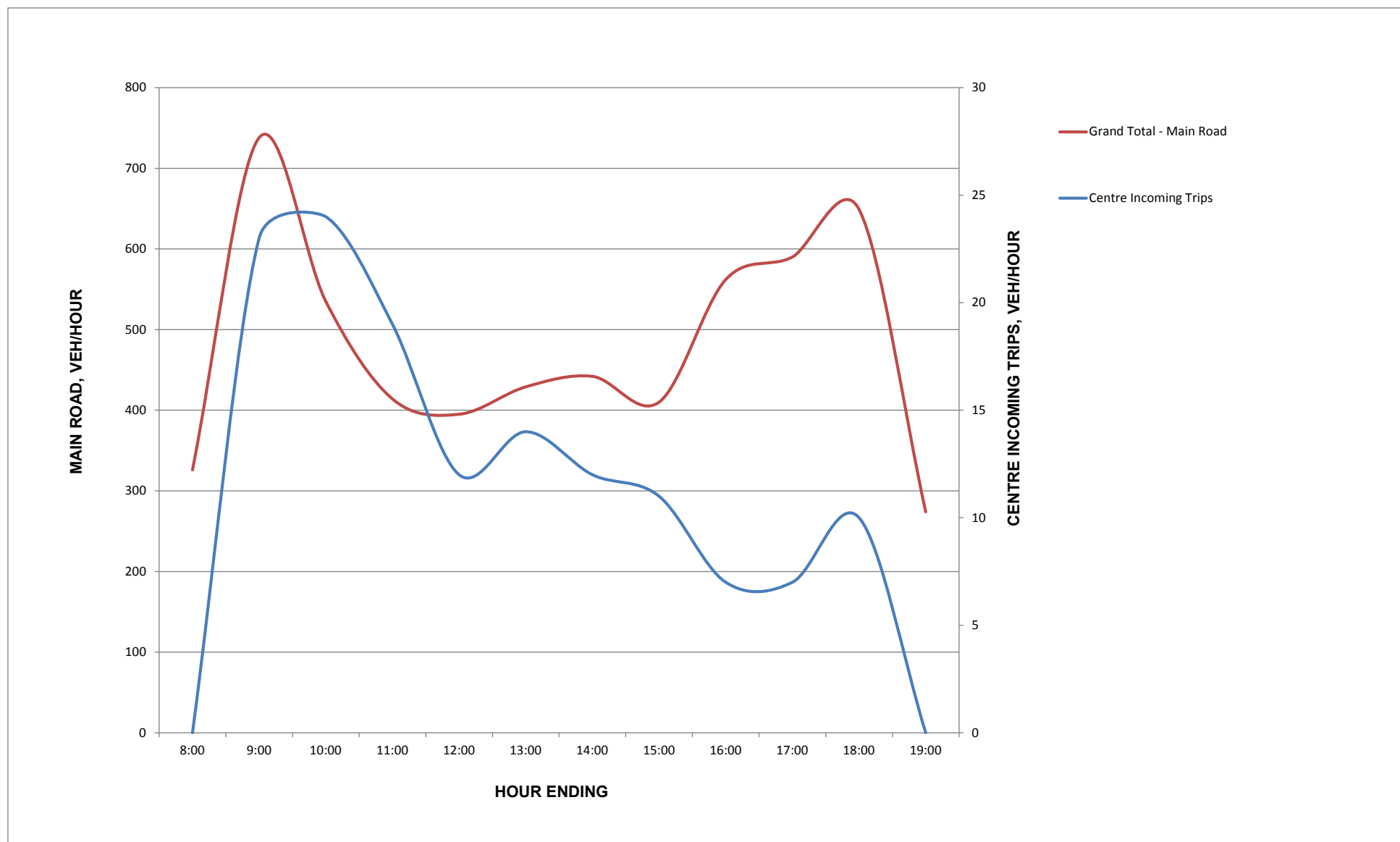


Figure 3.24 Site S10 Barwell Medical Centre, Castle Hill – Hourly trip distribution – Vehicles – Wednesday 25/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.25 Site S10 Barwell Medical Centre, Castle Hill NSW 2154 –Thursday 26/03/2015

Table 3.93 Site S10 Barwell Medical Centre, Castle Hill – Survey Results – 15-minute interval data – Thursday 26/03/2015.

DATE 26 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154												
15 minute Data													
WEATHER Sunny	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								
TIME	IN	OUT	Total	Occupancy	IN					OUT			
					Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total
AM													
7:00 to 7:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0
7:15 to 7:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0
7:30 to 7:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0
7:45 to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0
8:00 to 8:15	n/a	n/a	n/a	n/a	5	2	1	8	1.40	1	0	0	1
8:15 to 8:30	n/a	n/a	n/a	n/a	4	1	1	6	1.25	3	0	1	4
8:30 to 8:45	n/a	n/a	n/a	n/a	9	3	2	14	1.33	5	0	2	7
8:45 to 9:00	n/a	n/a	n/a	n/a	7	2	2	11	1.29	8	0	4	12
9:00 to 9:15	n/a	n/a	n/a	n/a	6	4	0	10	1.67	2	1	0	3
9:15 to 9:30	n/a	n/a	n/a	n/a	5	3	1	9	1.60	4	2	1	7
9:30 to 9:45	n/a	n/a	n/a	n/a	9	5	1	15	1.56	2	1	1	4
9:45 to 10:00	n/a	n/a	n/a	n/a	11	7	1	19	1.64	9	4	1	14
10:00 to 10:15	n/a	n/a	n/a	n/a	6	4	0	10	1.67	5	2	1	8
10:15 to 10:30	n/a	n/a	n/a	n/a	10	6	0	16	1.60	10	5	1	16
10:30 to 10:45	n/a	n/a	n/a	n/a	4	2	0	6	1.50	4	2	1	7
10:45 to 11:00	n/a	n/a	n/a	n/a	11	6	1	18	1.55	4	2	1	7
11:00 to 11:15	n/a	n/a	n/a	n/a	6	2	1	9	1.33	6	2	1	9
11:15 to 11:30	n/a	n/a	n/a	n/a	6	2	0	8	1.33	4	2	0	6
11:30 to 11:45	n/a	n/a	n/a	n/a	9	3	1	13	1.33	5	2	0	7
11:45 to 12:00	n/a	n/a	n/a	n/a	7	2	1	10	1.29	8	3	1	12
PM													
12:00 to 12:15	n/a	n/a	n/a	n/a	4	1	0	5	1.25	5	2	0	7
12:15 to 12:30	n/a	n/a	n/a	n/a	5	2	0	7	1.40	3	1	1	5
12:30 to 12:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	4	2	0	6
12:45 to 13:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	3	1	1	5
13:00 to 13:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1
13:15 to 13:30	n/a	n/a	n/a	n/a	3	3	0	6	2.00	1	0	0	1
13:30 to 13:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0
13:45 to 14:00	n/a	n/a	n/a	n/a	4	4	0	8	2.00	3	1	0	4
14:00 to 14:15	n/a	n/a	n/a	n/a	1	1	0	2	2.00	4	1	0	5
14:15 to 14:30	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	1	0	3
14:30 to 14:45	n/a	n/a	n/a	n/a	5	5	0	10	2.00	3	1	0	4
14:45 to 15:00	n/a	n/a	n/a	n/a	3	3	0	6	2.00	1	0	0	1
15:00 to 15:15	n/a	n/a	n/a	n/a	2	4	0	6	3.00	3	2	0	5
15:15 to 15:30	n/a	n/a	n/a	n/a	2	4	0	6	3.00	1	1	0	2
15:30 to 15:45	n/a	n/a	n/a	n/a	1	3	0	4	4.00	1	1	0	2
15:45 to 16:00	n/a	n/a	n/a	n/a	5	8	0	13	2.60	3	2	0	5
16:00 to 16:15	n/a	n/a	n/a	n/a	3	5	0	8	2.67	5	4	0	9
16:15 to 16:30	n/a	n/a	n/a	n/a	1	2	0	3	3.00	4	4	0	8
16:30 to 16:45	n/a	n/a	n/a	n/a	3	4	0	7	2.33	5	4	0	9
16:45 to 17:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0
17:00 to 17:15	n/a	n/a	n/a	n/a	1	2	0	3	3.00	1	3	0	4
17:15 to 17:30	n/a	n/a	n/a	n/a	4	8	0	12	3.00	4	8	0	12
17:30 to 17:45	n/a	n/a	n/a	n/a	0	1	0	1	0.00	2	4	0	6
17:45 to 18:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	1	0	2
18:00 to 18:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0
18:15 to 18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0
18:30 to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0
18:45 to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0
TOTAL	n/a	n/a	n/a	n/a	165	116	13	294	1.93	140	72	18	230

Grand Total	15 minute Data	
	Vehicles ³	Persons
0	0	0
0	0	0
0	0	0
0	0	0
6	9	0
7	10	0
14	21	0
15	23	0
8	13	0
9	16	0
11	19	0
20	33	0
11	18	0
20	32	0
8	13	0
15	25	0
13	18	0
10	14	0
15	20	0
16	22	0
9	12	0
9	12	0
4	6	0
4	6	0
1	1	0
4	7	0
0	0	0
7	12	0
5	7	0
3	5	0
8	14	0
4	7	0
5	11	0
3	8	0
2	6	0
8	18	0
8	17	0
5	11	0
8	16	0
0	0	0
2	7	0
8	24	0
2	7	0
2	4	0
0	0	0
0	0	0
0	0	0
0	0	0
309	524	0

Main Road Data	15 minute Data	
	EB	WB
89	25	0
102	23	0
106	36	0
126	52	4
142	52	8
124	65	12
142	59	17
126	63	17
85	51	16
101	40	19
88	42	22
72	43	22
94	40	22
93	41	23
60	36	24
56	32	27
76	46	30
69	39	27
65	40	24
40	34	24
73	43	24
56	46	21
56	44	17
76	53	15
67	40	13
74	40	14
71	36	14
52	32	14
52	51	15
69	47	14
63	29	14
84	55	15
55	63	17
85	74	16
66	62	16
91	66	16
92	63	15
73	55	15
93	72	14
101	61	13
93	83	12
112	75	12
81	57	12
84	58	6
101	65	0
98	58	0
0	0	0
0	0	0
3874	2287	0

Grand Total - Main Road	15 minute Data	
	Vehicles	On street
114	0	0
125	0	0
142	0	0
178	4	0
194	8	0
189	12	0
201	17	0
189	17	0
136	16	0
141	19	0
130	22	0
115	22	0
134	22	0
134	23	0
96	24	0
88	27	0
122	30	0
108	27	0
105	24	0
74	24	0
116	24	0
102	21	0
100	17	0
129	15	0
107	13	0
114	14	0
107	14	0
84	14	0
103	15	0
116	14	0
92	14	0
139	15	0
118	17	0
159	16	0
128	16	0
157	16	0
155	15	0
128	15	0
165	14	0
162	13	0
176	12	0
187	12	0
138	12	0
142	6	0
166	0	0
156	0	0
0	0	0
0	0	0
6161	0	0

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.94 Site S10 Barwell Medical Centre, Castle Hill – Survey Results – Hourly data – rolling at 15 minute intervals – Thursday 26/03/2015.

DATE 26 March 2015		Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154												
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								
WEATHER Sunny	TIME	IN	OUT	Total	Occupancy	IN				OUT				
						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total
AM														
7:00	to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0
7:15	to 8:15	n/a	n/a	n/a	n/a	5	2	1	8	1.40	1	0	0	1
7:30	to 8:30	n/a	n/a	n/a	n/a	9	3	2	14	1.33	4	0	1	5
7:45	to 8:45	n/a	n/a	n/a	n/a	18	6	4	28	1.33	9	0	3	12
8:00	to 9:00	n/a	n/a	n/a	n/a	25	8	6	39	1.32	17	0	7	24
8:15	to 9:15	n/a	n/a	n/a	n/a	26	10	5	41	1.38	18	1	7	26
8:30	to 9:30	n/a	n/a	n/a	n/a	27	12	5	44	1.44	19	3	7	29
8:45	to 9:45	n/a	n/a	n/a	n/a	27	14	4	45	1.52	16	4	6	26
9:00	to 10:00	n/a	n/a	n/a	n/a	31	19	3	53	1.61	17	8	3	28
9:15	to 10:15	n/a	n/a	n/a	n/a	31	19	3	53	1.61	20	9	4	33
9:30	to 10:30	n/a	n/a	n/a	n/a	36	22	2	60	1.61	26	12	4	42
9:45	to 10:45	n/a	n/a	n/a	n/a	31	19	1	51	1.61	28	13	4	45
10:00	to 11:00	n/a	n/a	n/a	n/a	31	18	1	50	1.58	23	11	4	38
10:15	to 11:15	n/a	n/a	n/a	n/a	31	16	2	49	1.52	24	11	4	39
10:30	to 11:30	n/a	n/a	n/a	n/a	27	12	2	41	1.44	18	8	3	29
10:45	to 11:45	n/a	n/a	n/a	n/a	32	13	3	48	1.41	19	8	2	29
11:00	to 12:00	n/a	n/a	n/a	n/a	28	9	3	40	1.32	23	9	2	34
11:15	to 12:15	n/a	n/a	n/a	n/a	26	8	2	36	1.31	22	9	1	32
11:30	to 12:30	n/a	n/a	n/a	n/a	25	8	2	35	1.32	21	8	2	31
11:45	to 12:45	n/a	n/a	n/a	n/a	16	5	1	22	1.31	20	8	2	30
PM														
12:00	to 13:00	n/a	n/a	n/a	n/a	10	3	0	13	1.30	15	6	2	23
12:15	to 13:15	n/a	n/a	n/a	n/a	6	2	0	8	1.33	11	4	2	17
12:30	to 13:30	n/a	n/a	n/a	n/a	4	3	0	7	1.75	9	3	1	13
12:45	to 13:45	n/a	n/a	n/a	n/a	4	3	0	7	1.75	5	1	1	7
13:00	to 14:00	n/a	n/a	n/a	n/a	7	7	0	14	2.00	5	1	0	6
13:15	to 14:15	n/a	n/a	n/a	n/a	8	8	0	16	2.00	8	2	0	10
13:30	to 14:30	n/a	n/a	n/a	n/a	6	6	0	12	2.00	9	3	0	12
13:45	to 14:45	n/a	n/a	n/a	n/a	11	11	0	22	2.00	12	4	0	16
14:00	to 15:00	n/a	n/a	n/a	n/a	10	10	0	20	2.00	10	3	0	13
14:15	to 15:15	n/a	n/a	n/a	n/a	11	13	0	24	2.18	9	4	0	13
14:30	to 15:30	n/a	n/a	n/a	n/a	12	16	0	28	2.33	8	4	0	12
14:45	to 15:45	n/a	n/a	n/a	n/a	8	14	0	22	2.75	6	4	0	10
15:00	to 16:00	n/a	n/a	n/a	n/a	10	19	0	29	2.90	8	6	0	14
15:15	to 16:15	n/a	n/a	n/a	n/a	11	20	0	31	2.82	10	8	0	18
15:30	to 16:30	n/a	n/a	n/a	n/a	10	18	0	28	2.80	13	11	0	24
15:45	to 16:45	n/a	n/a	n/a	n/a	12	19	0	31	2.58	17	14	0	31
16:00	to 17:00	n/a	n/a	n/a	n/a	7	11	0	18	2.57	14	12	0	26
16:15	to 17:15	n/a	n/a	n/a	n/a	5	8	0	13	2.60	10	11	0	21
16:30	to 17:30	n/a	n/a	n/a	n/a	8	14	0	22	2.75	10	15	0	25
16:45	to 17:45	n/a	n/a	n/a	n/a	5	11	0	16	3.20	7	15	0	22
17:00	to 18:00	n/a	n/a	n/a	n/a	6	12	0	18	3.00	8	16	0	24
17:15	to 18:15	n/a	n/a	n/a	n/a	5	10	0	15	3.00	7	13	0	20
17:30	to 18:30	n/a	n/a	n/a	n/a	1	2	0	3	3.00	3	5	0	8
17:45	to 18:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	1	0	2
18:00	to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0

Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data		1-hour Data		1-hour Data	
Vehicles ³	Persons	EB	WB	Vehicles	
0	0	423	136	559	
6	9	476	163	639	
13	19	498	205	703	
27	40	534	228	762	
42	63	534	239	773	
44	67	477	238	715	
46	73	454	213	667	
43	71	400	196	596	
48	81	346	176	522	
51	86	355	165	520	
62	102	347	166	513	
59	96	319	160	479	
54	88	303	149	452	
56	88	285	155	440	
46	70	261	153	414	
53	77	266	157	423	
54	74	250	159	409	
41	68	247	156	403	
40	66	234	163	397	
34	52	225	167	392	
26	36	261	186	447	
18	25	255	183	438	
13	20	273	177	450	
9	14	288	169	457	
12	20	264	148	412	
16	26	249	159	408	
15	24	244	166	410	
23	38	236	159	395	
20	33	268	182	450	
20	37	271	194	465	
20	40	287	221	508	
14	32	290	254	544	
18	43	297	265	562	
21	49	334	265	599	
23	52	322	246	568	
29	62	349	256	605	
21	44	359	251	610	
15	34	360	271	631	
18	47	399	291	690	
12	38	387	276	663	
14	42	370	273	643	
12	35	378	255	633	
4	11	364	238	602	
2	4	283	181	464	
0	0	199	123	322	

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.95 Site S10 Barwell Medical Centre, Castle Hill – Hourly data – Consecutive – Thursday 26/03/2015.

DATE	26 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154													Grand Total		Main Road Data ⁵		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data		
WEATHER Sunny		IN	OUT	Total	Occupancy	IN				OUT				Vehicles ⁴	Persons	EB	WB	Vehicles		
TIME						Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car						Total	
AM																				
7:00	to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			423	136		
8:00	to 9:00	n/a	n/a	n/a	n/a	25	8	6	39	1.32	17	0	7	24			534	239	773	
9:00	to 10:00	n/a	n/a	n/a	n/a	31	19	3	53	1.61	17	8	3	28			346	176	522	
10:00	to 11:00	n/a	n/a	n/a	n/a	31	18	1	50	1.58	23	11	4	38			303	149	452	
11:00	to 12:00	n/a	n/a	n/a	n/a	28	9	3	40	1.32	23	9	2	34			250	159	409	
PM																				
12:00	to 13:00	n/a	n/a	n/a	n/a	10	3	0	13	1.30	15	6	2	23	26	36	261	186	447	
13:00	to 14:00	n/a	n/a	n/a	n/a	7	7	0	14	2.00	5	1	0	6	12	20	264	148	412	
14:00	to 15:00	n/a	n/a	n/a	n/a	10	10	0	20	2.00	10	3	0	13	20	33	268	182	450	
15:00	to 16:00	n/a	n/a	n/a	n/a	10	19	0	29	2.90	8	6	0	14	18	43	297	265	562	
16:00	to 17:00	n/a	n/a	n/a	n/a	7	11	0	18	2.57	14	12	0	26	21	44	359	251	610	
17:00	to 18:00	n/a	n/a	n/a	n/a	6	12	0	18	3.00	8	16	0	24	14	42	370	273	643	
18:00	to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	199	123	322	
Total		n/a	n/a	n/a	n/a	165	116	13	294	1.70	140	72	18	230	309	524	3874	2287	6161	

Table 3.96 Site S10 Barwell Medical Centre, Castle Hill – Travel mode – Thursday 26/03/2015.

DATE 26 March 2015		Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154												
Average group size (people)	Average duration of stay (hrs)			Travel Mode										
				Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.55	0:36	IN	Total	66	37	2	0	3	0	0	0	1	2	1
			%	58.9	33.0	1.8	0.0	2.7	0.0	0.0	0.0	0.9	1.8	0.9
		OUT	Total	66	33	0	0	4	0	0	0	1	2	1
			%	61.7	30.8	0.0	0.0	3.7	0.0	0.0	0.0	0.9	1.9	0.9

¹ Barwell Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² The number of incoming trips in Figure 3.47 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.⁴ Total person drivers (cars) in and out.⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

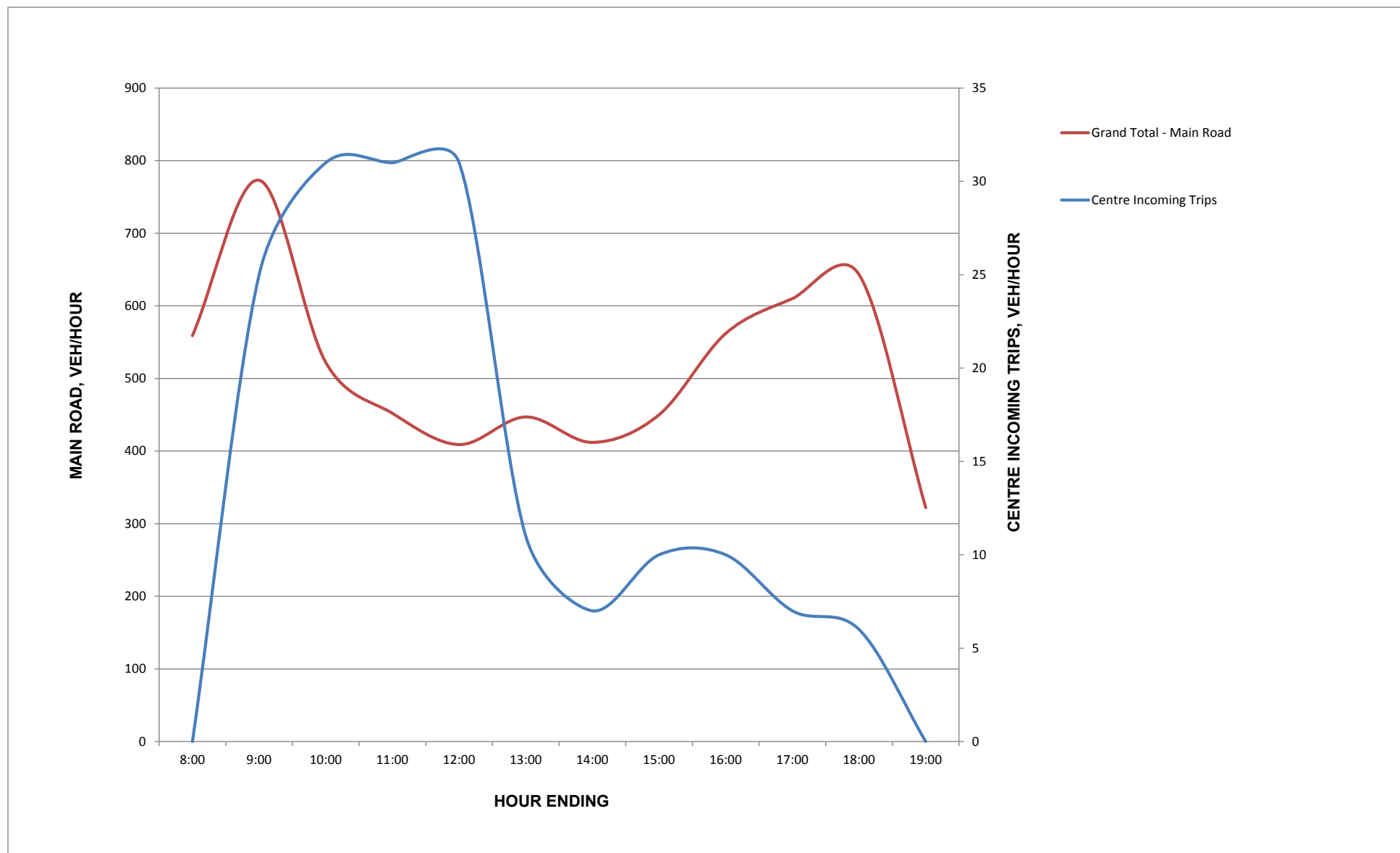


Figure 3.25 Site S10 Barwell Medical Centre, Castle Hill – Hourly trip distribution – Vehicles – Thursday 26/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.26 Site S10 Barwell Medical Centre, Castle Hill NSW 2154 – All days

Table 3.97 Site S10 Barwell Medical Centre, Castle Hill – Hourly data – Fri 06/03/2015, Sun 08/03/2015 to Tues 10/03/2015, Sat 14/03/2015, Wed 25/03/2015 to Thurs 26/03/2015.

6, 8-10 March 2015	Barwell Medical Centre - Suite 16, 7/9 Barwell Avenue, Castle Hill NSW 2154																			Average
14, 25-26 March 2015																				1-hour Data
1-hour Data	All vehicles																			IN + OUT
WEATHER Fine	IN									OUT									Average	
									Average										Average	
TIME	Mon	Tue	Wed	Thu	Fri	Sat ¹	Sun ²	Wkday	Wkend	Mon	Tue	Wed	Thu	Fri	Sat ¹	Sun ²	Wkday	Wkend	Wkday	Wkend
8:00 to 9:00	18	24	23	25	12	10	n/a	20	n/a	9	9	9	17	5	8	n/a	10	n/a	30	n/a
9:00 to 10:00	33	36	24	31	17	12	6	28	9	17	12	14	17	11	9	4	14	12	42	21
10:00 to 11:00	22	18	19	31	17	12	11	21	12	15	10	21	23	13	8	5	16	14	38	25
11:00 to 12:00	24	16	12	28	9	8	5	18	7	14	22	5	23	9	4	9	15	12	32	19
12:00 to 13:00	20	14	14	10	10	8	1	14	5	17	5	13	15	6	0	2	11	8	25	13
13:00 to 14:00	14	13	12	7	7	n/a	n/a	11	n/a	6	6	10	5	4	7	0	6	5	17	n/a
14:00 to 15:00	9	11	11	10	7	n/a	n/a	10	n/a	14	5	13	10	9	n/a	n/a	10	n/a	20	n/a
15:00 to 16:00	25	15	7	10	10	n/a	n/a	13	n/a	10	11	7	8	7	n/a	n/a	9	n/a	22	n/a
16:00 to 17:00	18	14	7	7	9	n/a	n/a	11	n/a	17	8	7	14	10	n/a	n/a	11	n/a	22	n/a
17:00 to 18:00	17	3	10	6	0	n/a	n/a	7	n/a	19	7	8	8	0	n/a	n/a	8	n/a	16	n/a
Total	200	164	139	165	98	50	23	153	32	138	95	107	140	74	36	20	111	52	264	78

¹ On Saturday Barwell Medical Centre closes earlier than on weekdays.

² On Sunday Barwell Medical Centre opens later and closes earlier than on weekdays.

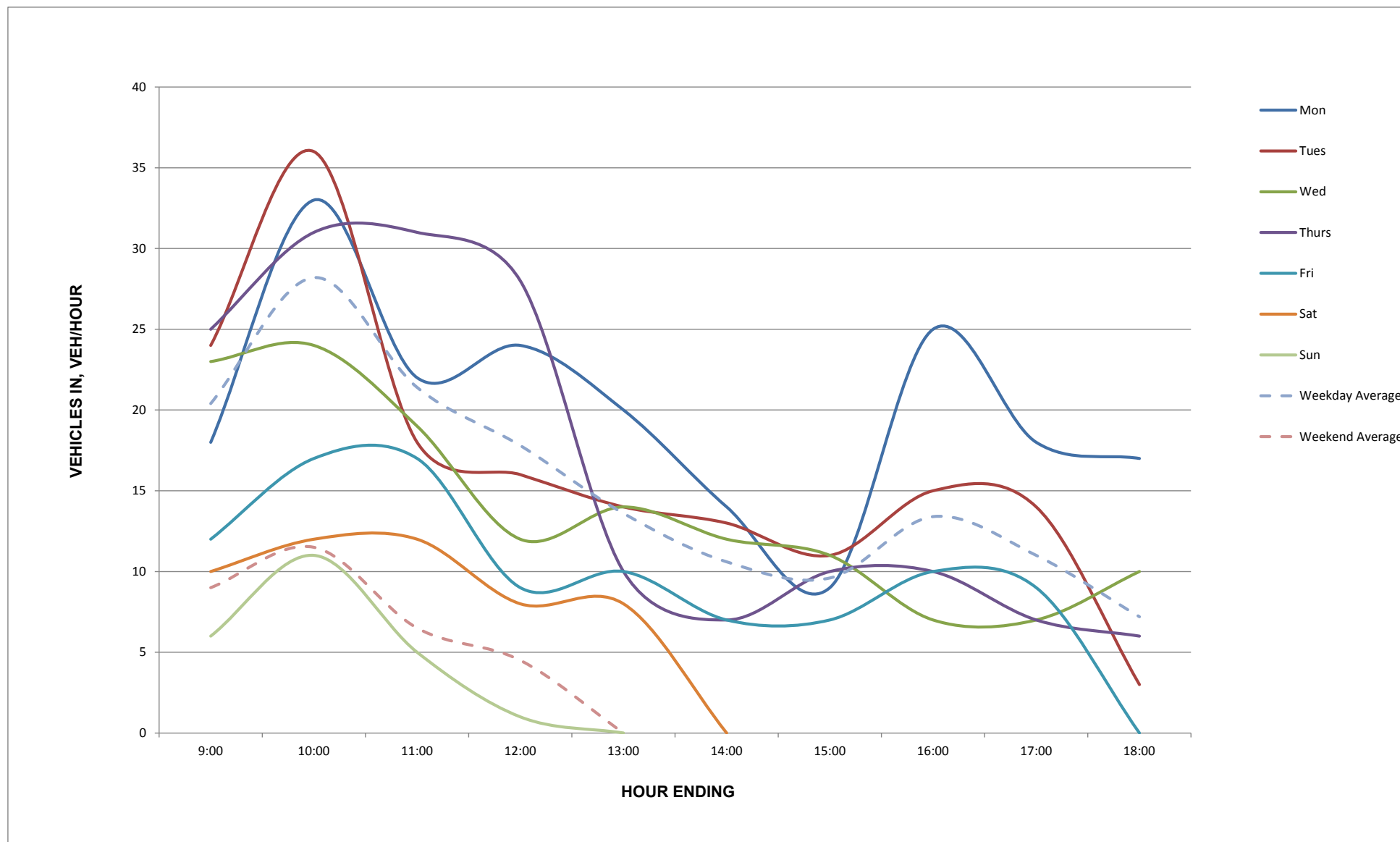


Figure 3.26 Site S10 Barwell Medical Centre, Castle Hill – Hourly trip distribution – 7 days.

3.1.27 Site S11 Complete Medical Centre, Campbelltown NSW 2560– Wednesday 10/06/2015

Table 3.98 Site S11 Complete Medical Centre, Campbelltown – Survey Results – 15-minute interval data – Wednesday 10/06/2015.

DATE	10 June 2015	Complete Medical Centre - 251 Queen Street, Campbelltown NSW 2560														Grand Total		Main Road Data		Grand Total - Main Road		Parking Demand ⁴	
15 minute Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data			
WEATHER Cloudy		IN	OUT	Total	Occupancy	IN					OUT					Vehicles ³	Persons	EB	WB	Vehicles	On street		
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total									
AM																							
7:00	to 7:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			5	8	13	1			
7:15	to 7:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	0	0	0	0			8	14	22	1			
7:30	to 7:45	n/a	n/a	n/a	n/a	2	1	0	3	1.50	0	0	0	0			6	25	31	2			
7:45	to 8:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	0	0	0	0			6	19	25	3			
8:00	to 8:15	n/a	n/a	n/a	n/a	3	1	0	4	1.33	1	1	0	2			14	26	40	5			
8:15	to 8:30	n/a	n/a	n/a	n/a	3	1	0	4	1.33	1	1	0	2			11	29	40	6			
8:30	to 8:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	2	0	4			18	30	48	8			
8:45	to 9:00	n/a	n/a	n/a	n/a	4	2	0	6	1.50	2	2	0	4			14	36	50	9			
9:00	to 9:15	n/a	n/a	n/a	n/a	2	1	2	5	1.50	0	0	1	1			17	35	52	10			
9:15	to 9:30	n/a	n/a	n/a	n/a	2	1	2	5	1.50	2	1	1	4			15	26	41	11			
9:30	to 9:45	n/a	n/a	n/a	n/a	2	1	3	6	1.50	3	2	3	8			15	32	47	12			
9:45	to 10:00	n/a	n/a	n/a	n/a	1	0	1	2	1.00	2	1	2	5			22	38	60	13			
10:00	to 10:15	n/a	n/a	n/a	n/a	2	1	3	6	1.50	1	1	1	3			23	49	72	13			
10:15	to 10:30	n/a	n/a	n/a	n/a	4	2	4	10	1.50	3	2	2	7			28	59	87	13			
10:30	to 10:45	n/a	n/a	n/a	n/a	2	1	1	4	1.50	2	1	1	4			26	40	66	13			
10:45	to 11:00	n/a	n/a	n/a	n/a	1	1	1	3	2.00	1	1	1	3			31	43	74	13			
11:00	to 11:15	n/a	n/a	n/a	n/a	3	2	1	6	1.67	2	1	1	4			20	45	65	13			
11:15	to 11:30	n/a	n/a	n/a	n/a	4	3	1	8	1.75	2	1	1	4			22	47	69	13			
11:30	to 11:45	n/a	n/a	n/a	n/a	2	2	1	5	2.00	3	2	1	6			25	48	73	13			
11:45	to 12:00	n/a	n/a	n/a	n/a	2	1	1	4	1.50	2	1	1	4			19	56	75	14			
PM																							
12:00	to 12:15	n/a	n/a	n/a	n/a	2	1	1	4	1.50	4	3	1	8			24	37	61	15			
12:15	to 12:30	n/a	n/a	n/a	n/a	2	1	1	4	1.50	3	2	0	5			17	46	63	13			
12:30	to 12:45	n/a	n/a	n/a	n/a	3	2	1	6	1.67	3	2	0	5			17	48	65	12			
12:45	to 13:00	n/a	n/a	n/a	n/a	1	1	1	3	2.00	3	2	1	6			18	46	64	10			
13:00	to 13:15	n/a	n/a	n/a	n/a	4	2	1	7	1.50	3	2	0	5			17	47	64	9			
13:15	to 13:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	1	1	0	2			26	49	75	9			
13:30	to 13:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	1	0	2			21	34	55	9			
13:45	to 14:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	2	0	4			30	42	72	10			
14:00	to 14:15	n/a	n/a	n/a	n/a	4	2	0	6	1.50	3	2	1	6			25	41	66	11			
14:15	to 14:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	0	0	1			26	48	74	11			
14:30	to 14:45	n/a	n/a	n/a	n/a	4	2	0	6	1.50	3	2	0	5			25	36	61	11			
14:45	to 15:00	n/a	n/a	n/a	n/a	4	2	0	6	1.50	3	2	0	5			23	33	56	12			
15:00	to 15:15	n/a	n/a	n/a	n/a	1	0	0	1	1.00	5	1	0	6			22	35	57	13			
15:15	to 15:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	0	0	0	0			30	56	86	13			
15:30	to 15:45	n/a	n/a	n/a	n/a	5	0	0	5	1.00	2	0	1	3			19	49	68	12			
15:45	to 16:00	n/a	n/a	n/a	n/a	4	0	0	4	1.00	3	1	0	4			19	37	56	11			
16:00	to 16:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	4	1	0	5			26	45	71	10			
16:15	to 16:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	0	0	1			20	48	68	11			
16:30	to 16:45	n/a	n/a	n/a	n/a	3	0	0	3	1.00	3	1	0	4			26	47	73	12			
16:45	to 17:00	n/a	n/a	n/a	n/a	2	0	0	2	1.00	2	0	1	3			24	50	74	11			
17:00	to 17:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	3	0	0	3			23	35	58	10			
17:15	to 17:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	0	0	2			23	42	65	9			
17:30	to 17:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1			28	32	60	9			
17:45	to 18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	0	0	2			13	34	47	8			
18:00	to 18:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			22	48	70	8			
18:15	to 18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			20	37	57	7			
18:30	to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			19	36	55	5			
18:45	to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			19	31	50	3			
TOTAL		n/a	n/a	n/a	n/a	89	37	26	152	1.40	87	45	21	153	214	305	967	1874	2841				

¹ Complete Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.99 Site S11 Complete Medical Centre, Campbelltown – Survey Results – Hourly data – rolling at 15 minute intervals – Wednesday 10/06/2015.

DATE	10 June 2015	Complete Medical Centre - 251 Queen Street, Campbelltown NSW 2560													Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data
WEATHER Cloudy		IN	OUT	Total	Occupancy	IN					OUT					Vehicles ³	Persons	EB	WB	Vehicles
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total						
AM																				
7:00	to 8:00	n/a	n/a	n/a	n/a	4	1	0	5	1.25	0	0	0	0	4	5	25	66	91	
7:15	to 8:15	n/a	n/a	n/a	n/a	7	2	0	9	1.29	1	1	0	2	8	11	34	84	118	
7:30	to 8:30	n/a	n/a	n/a	n/a	9	3	0	12	1.33	2	2	0	4	11	16	37	99	136	
7:45	to 8:45	n/a	n/a	n/a	n/a	8	3	0	11	1.38	4	4	0	8	12	19	49	104	153	
8:00	to 9:00	n/a	n/a	n/a	n/a	11	5	0	16	1.45	6	6	0	12	17	28	57	121	178	
8:15	to 9:15	n/a	n/a	n/a	n/a	10	5	2	17	1.50	5	5	1	11	16	28	60	130	190	
8:30	to 9:30	n/a	n/a	n/a	n/a	9	5	4	18	1.56	6	5	2	13	16	31	64	127	191	
8:45	to 9:45	n/a	n/a	n/a	n/a	10	5	7	22	1.50	7	5	5	17	20	39	61	129	190	
9:00	to 10:00	n/a	n/a	n/a	n/a	7	3	8	18	1.43	7	4	7	18	18	36	69	131	200	
9:15	to 10:15	n/a	n/a	n/a	n/a	7	3	9	19	1.43	8	5	7	20	20	39	75	145	220	
9:30	to 10:30	n/a	n/a	n/a	n/a	9	4	11	24	1.44	9	6	8	23	25	47	88	178	266	
9:45	to 10:45	n/a	n/a	n/a	n/a	9	4	9	22	1.44	8	5	6	19	22	41	99	186	285	
10:00	to 11:00	n/a	n/a	n/a	n/a	9	5	9	23	1.56	7	5	5	17	21	40	108	191	299	
10:15	to 11:15	n/a	n/a	n/a	n/a	10	6	7	23	1.60	8	5	5	18	23	41	105	187	292	
10:30	to 11:30	n/a	n/a	n/a	n/a	10	7	4	21	1.70	7	4	4	15	22	36	99	175	274	
10:45	to 11:45	n/a	n/a	n/a	n/a	10	8	4	22	1.80	8	5	4	17	25	39	98	183	281	
11:00	to 12:00	n/a	n/a	n/a	n/a	11	8	4	23	1.73	9	5	4	18	28	41	86	196	282	
11:15	to 12:15	n/a	n/a	n/a	n/a	10	7	4	21	1.70	11	7	4	22	21	43	90	188	278	
11:30	to 12:30	n/a	n/a	n/a	n/a	8	5	4	17	1.63	12	8	3	23	21	40	85	187	272	
11:45	to 12:45	n/a	n/a	n/a	n/a	9	5	4	18	1.56	12	8	2	22	20	40	77	187	264	
PM																				
12:00	to 13:00	n/a	n/a	n/a	n/a	8	5	4	17	1.63	13	9	2	24	27	41	76	177	253	
12:15	to 13:15	n/a	n/a	n/a	n/a	10	6	4	20	1.60	12	8	1	21	29	41	69	187	256	
12:30	to 13:30	n/a	n/a	n/a	n/a	10	6	3	19	1.60	10	7	1	18	26	37	78	190	268	
12:45	to 13:45	n/a	n/a	n/a	n/a	8	4	2	14	1.50	8	6	1	15	21	29	82	176	258	
13:00	to 14:00	n/a	n/a	n/a	n/a	8	4	1	13	1.50	7	6	0	13	20	26	94	172	266	
13:15	to 14:15	n/a	n/a	n/a	n/a	8	4	0	12	1.50	7	6	1	14	19	26	102	166	268	
13:30	to 14:30	n/a	n/a	n/a	n/a	7	3	0	10	1.43	7	5	1	13	18	23	102	165	267	
13:45	to 14:45	n/a	n/a	n/a	n/a	10	5	0	15	1.50	9	6	1	16	25	31	106	167	273	
14:00	to 15:00	n/a	n/a	n/a	n/a	13	6	0	19	1.46	10	6	1	17	29	36	99	158	257	
14:15	to 15:15	n/a	n/a	n/a	n/a	10	4	0	14	1.40	12	5	0	17	26	31	96	152	248	
14:30	to 15:30	n/a	n/a	n/a	n/a	10	4	0	14	1.40	11	5	0	16	25	30	100	160	260	
14:45	to 15:45	n/a	n/a	n/a	n/a	11	2	0	13	1.18	10	3	1	14	24	27	94	173	267	
15:00	to 16:00	n/a	n/a	n/a	n/a	11	0	0	11	1.00	10	2	1	13	23	24	90	177	267	
15:15	to 16:15	n/a	n/a	n/a	n/a	10	0	0	10	1.00	9	2	1	12	21	22	94	187	281	
15:30	to 16:30	n/a	n/a	n/a	n/a	10	0	0	10	1.00	10	2	1	13	22	23	84	179	263	
15:45	to 16:45	n/a	n/a	n/a	n/a	8	0	0	8	1.00	11	3	0	14	21	22	91	177	268	
16:00	to 17:00	n/a	n/a	n/a	n/a	6	0	0	6	1.00	10	2	1	13	18	19	96	190	286	
16:15	to 17:15	n/a	n/a	n/a	n/a	6	0	0	6	1.00	9	1	1	11	17	17	93	180	273	
16:30	to 17:30	n/a	n/a	n/a	n/a	6	0	0	6	1.00	10	1	1	12	18	18	96	174	270	
16:45	to 17:45	n/a	n/a	n/a	n/a	3	0	0	3	1.00	8	0	1	9	12	12	98	159	257	
17:00	to 18:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	8	0	0	8	9	9	87	143	230	
17:15	to 18:15	n/a	n/a	n/a	n/a	1	0	0	1	1.00	5	0	0	5	6	6	86	156	242	
17:30	to 18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	3	0	0	3	3	3	83	151	234	
17:45	to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	0	0	2	2	2	74	155	229	
18:00	to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	80	152	232	

¹ Complete Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.100 Site S11 Complete Medical Centre, Campbelltown – Hourly data – Consecutive – Wednesday 10/06/2015.

DATE	10 June 2015	Complete Medical Centre - 251 Queen Street, Campbelltown NSW 2560													Grand Total		Main Road Data ⁵		Grand Total - Main Road		
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Cloudy		IN	OUT	Total	Occupancy	IN					OUT					Vehicles ⁴	Persons	EB	WB	Vehicles	
TIME						Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total							
AM																					
7:00	to 8:00	n/a	n/a	n/a	n/a	4	1	0	5	1.25	0	0	0	0	4	5	25	66	91		
8:00	to 9:00	n/a	n/a	n/a	n/a	11	5	0	16	1.45	6	6	0	12	17	28	57	121	178		
9:00	to 10:00	n/a	n/a	n/a	n/a	7	3	8	18	1.43	7	4	7	18	18	36	69	131	200		
10:00	to 11:00	n/a	n/a	n/a	n/a	9	5	9	23	1.56	7	5	5	17	21	40	108	191	299		
11:00	to 12:00	n/a	n/a	n/a	n/a	11	8	4	23	1.73	9	5	4	18	28	41	86	196	282		
PM																					
12:00	to 13:00	n/a	n/a	n/a	n/a	8	5	4	17	1.63	13	9	2	24	27	41	76	177	253		
13:00	to 14:00	n/a	n/a	n/a	n/a	8	4	1	13	1.50	7	6	0	13	20	26	94	172	266		
14:00	to 15:00	n/a	n/a	n/a	n/a	13	6	0	19	1.46	10	6	1	17	29	36	99	158	257		
15:00	to 16:00	n/a	n/a	n/a	n/a	11	0	0	11	1.00	10	2	1	13	23	24	90	177	267		
16:00	to 17:00	n/a	n/a	n/a	n/a	6	0	0	6	1.00	10	2	1	13	18	19	96	190	286		
17:00	to 18:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	8	0	0	8	9	9	87	143	230		
18:00	to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	80	152	232		
Total		n/a	n/a	n/a	n/a	89	37	26	152	1.42	87	45	21	153	214	305	967	1874	2841		

Table 3.101 Site S11 Complete Medical Centre, Campbelltown – Travel mode – Wednesday 10/06/2015.

DATE 10 June 2015		Complete Medical Centre - 251 Queen Street, Campbelltown NSW 2560												
Average group size (people)	Average duration of stay (hrs)			Travel Mode										
				Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.20	0:37	IN	Total	28	8	5	1	5	0	0	0	0	5	0
			%	53.8	15.4	9.6	1.9	9.6	0.0	0.0	0.0	9.6	0.0	
		OUT	Total	28	8	6	2	4	0	0	0	0	4	0
			%	53.8	15.4	11.5	3.8	7.7	0.0	0.0	0.0	0.0	7.7	0.0

¹ Complete Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.49 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

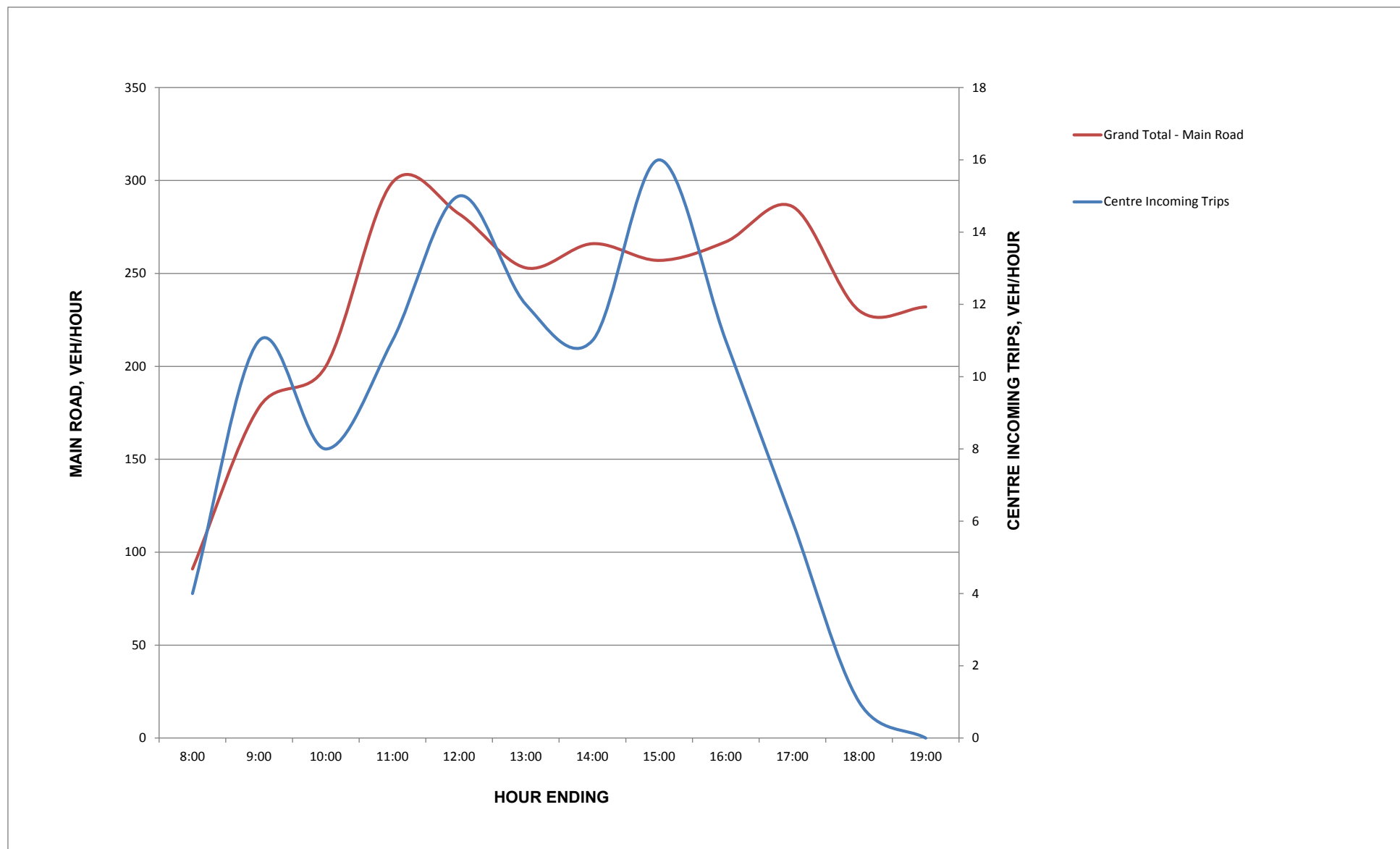


Figure 3.27 Site S11 Complete Medical Centre, Campbelltown – Hourly trip distribution – Vehicles – Wednesday 10/06/2015.

3.1.28 Site S12 Dee Why Family Medical Centre, Dee Why NSW 2099 – Friday 19/06/2015

Table 3.102 Site S12 Dee Why Family Medical Centre, Dee Why – Survey Results – 15-minute interval data – Friday 19/06/2015.

DATE 19 June 2015	Dee Why Family Medical Centre - 7/9 Howard Avenue, Dee Why NSW 2099													Grand Total	Main Road Data	Grand Total - Main Road	Parking Demand ⁴
15 minute Data														15 minute Data	15 minute Data	15 minute Data	15 minute Data
WEATHER Rain	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)												
TIME	IN	OUT	Total	Occupancy	IN					OUT				Vehicles ³	Persons	EB	WB
AM					Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total				
7:00 to 7:15	n/a	n/a	n/a	n/a	3	1	1	5	1.33	1	0	1	2	4	7	48	56
7:15 to 7:30	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	0	0	1	2	3	42	63
7:30 to 7:45	n/a	n/a	n/a	n/a	3	1	1	5	1.33	1	0	0	1	4	6	35	62
7:45 to 8:00	n/a	n/a	n/a	n/a	5	2	2	9	1.40	2	1	1	4	7	13	51	67
8:00 to 8:15	n/a	n/a	n/a	n/a	5	2	2	9	1.40	2	1	1	4	7	13	56	83
8:15 to 8:30	n/a	n/a	n/a	n/a	6	3	3	12	1.50	5	2	2	9	11	21	76	75
8:30 to 8:45	n/a	n/a	n/a	n/a	2	1	0	3	1.50	3	1	1	5	5	8	75	77
8:45 to 9:00	n/a	n/a	n/a	n/a	9	4	3	16	1.44	5	2	2	9	14	25	77	79
9:00 to 9:15	n/a	n/a	n/a	n/a	4	3	4	11	1.75	4	2	1	7	9	18	89	90
9:15 to 9:30	n/a	n/a	n/a	n/a	5	3	6	14	1.60	6	2	3	11	13	25	65	75
9:30 to 9:45	n/a	n/a	n/a	n/a	6	4	5	15	1.67	7	3	3	13	14	28	76	58
9:45 to 10:00	n/a	n/a	n/a	n/a	6	4	7	17	1.67	7	3	4	14	15	31	55	63
10:00 to 10:15	n/a	n/a	n/a	n/a	4	3	5	12	1.75	4	2	1	7	10	19	61	59
10:15 to 10:30	n/a	n/a	n/a	n/a	5	3	6	14	1.60	6	2	3	11	13	25	67	77
10:30 to 10:45	n/a	n/a	n/a	n/a	6	4	7	17	1.67	4	2	2	8	12	25	66	71
10:45 to 11:00	n/a	n/a	n/a	n/a	4	2	4	10	1.50	9	4	4	17	14	27	79	81
11:00 to 11:15	n/a	n/a	n/a	n/a	5	1	7	13	1.20	4	1	8	13	9	26	82	89
11:15 to 11:30	n/a	n/a	n/a	n/a	1	0	1	2	1.00	3	1	5	9	4	11	98	88
11:30 to 11:45	n/a	n/a	n/a	n/a	4	1	5	10	1.25	4	1	8	13	8	23	61	89
11:45 to 12:00	n/a	n/a	n/a	n/a	5	1	7	13	1.20	3	1	6	10	8	23	79	85
PM																	
12:00 to 12:15	n/a	n/a	n/a	n/a	3	1	4	8	1.33	2	0	6	8	6	16	83	84
12:15 to 12:30	n/a	n/a	n/a	n/a	2	0	4	6	1.00	2	0	5	7	4	13	58	95
12:30 to 12:45	n/a	n/a	n/a	n/a	6	1	7	14	1.17	4	1	10	15	11	29	87	91
12:45 to 13:00	n/a	n/a	n/a	n/a	4	1	5	10	1.25	2	0	4	6	6	16	61	84
13:00 to 13:15	n/a	n/a	n/a	n/a	8	5	3	16	1.63	6	4	3	13	15	29	64	90
13:15 to 13:30	n/a	n/a	n/a	n/a	5	3	1	9	1.60	3	2	1	6	8	15	86	97
13:30 to 13:45	n/a	n/a	n/a	n/a	5	3	1	9	1.60	3	2	2	7	8	16	78	84
13:45 to 14:00	n/a	n/a	n/a	n/a	4	2	2	8	1.50	7	4	4	15	11	23	78	83
14:00 to 14:15	n/a	n/a	n/a	n/a	6	3	2	11	1.50	3	2	1	6	9	17	80	94
14:15 to 14:30	n/a	n/a	n/a	n/a	6	4	2	12	1.67	3	2	1	6	10	18	72	91
14:30 to 14:45	n/a	n/a	n/a	n/a	3	2	1	6	1.67	8	5	5	18	11	24	71	108
14:45 to 15:00	n/a	n/a	n/a	n/a	6	3	2	11	1.50	3	2	1	6	9	17	66	102
15:00 to 15:15	n/a	n/a	n/a	n/a	5	4	2	11	1.80	6	3	3	12	11	23	89	109
15:15 to 15:30	n/a	n/a	n/a	n/a	8	7	4	19	1.88	5	2	2	9	14	28	84	104
15:30 to 15:45	n/a	n/a	n/a	n/a	1	1	1	3	2.00	6	3	2	11	7	14	113	102
15:45 to 16:00	n/a	n/a	n/a	n/a	5	4	2	11	1.80	5	2	2	9	10	20	106	70
16:00 to 16:15	n/a	n/a	n/a	n/a	4	4	2	10	2.00	7	3	4	14	12	24	95	78
16:15 to 16:30	n/a	n/a	n/a	n/a	5	5	2	12	2.00	5	2	3	10	11	22	100	62
16:30 to 16:45	n/a	n/a	n/a	n/a	2	2	1	5	2.00	7	3	3	13	9	18	82	72
16:45 to 17:00	n/a	n/a	n/a	n/a	3	3	1	7	2.00	4	2	1	7	7	14	101	99
17:00 to 17:15	n/a	n/a	n/a	n/a	2	1	1	4	1.50	3	3	2	8	5	12	96	67
17:15 to 17:30	n/a	n/a	n/a	n/a	3	1	2	6	1.33	3	2	2	7	6	13	99	65
17:30 to 17:45	n/a	n/a	n/a	n/a	3	1	1	5	1.33	0	0	1	1	3	6	70	71
17:45 to 18:00	n/a	n/a	n/a	n/a	2	0	1	3	1.00	2	2	1	5	4	8	79	61
18:00 to 18:15	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	2	1	5	3	6	63	45
18:15 to 18:30	n/a	n/a	n/a	n/a	1	0	1	2	1.00	2	2	2	6	3	8	52	57
18:30 to 18:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	1	4	3	5	47	68
18:45 to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	1	2	50	66
TOTAL	n/a	n/a	n/a	n/a	193	105	131	429	1.51	187	88	129	404	400	833	3548	3786

¹ Dee Why Family Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.103 Site S12 Dee Why Family Medical Centre, Dee Why – Survey Results – Hourly data – rolling at 15 minute intervals – Friday 19/06/2015.

DATE	19 June 2015		Dee Why Family Medical Centre - 7/9 Howard Avenue, Dee Why NSW 2099												Grand Total		Main Road Data		Grand Total - Main Road			
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Rain			IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	EB	WB	Vehicles			
TIME							Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total		
AM																						
7:00	to	8:00	n/a	n/a	n/a	n/a	12	5	4	21	1.42	5	1	2	8	17	29	176	248	424		
7:15	to	8:15	n/a	n/a	n/a	n/a	14	6	5	25	1.43	6	2	2	10	20	35	184	275	459		
7:30	to	8:30	n/a	n/a	n/a	n/a	19	8	8	35	1.42	10	4	4	18	29	53	218	287	505		
7:45	to	8:45	n/a	n/a	n/a	n/a	18	8	7	33	1.44	12	5	5	22	30	55	258	302	560		
8:00	to	9:00	n/a	n/a	n/a	n/a	22	10	8	40	1.45	15	6	6	27	37	67	284	314	598		
8:15	to	9:15	n/a	n/a	n/a	n/a	21	11	10	42	1.52	17	7	6	30	39	72	317	321	638		
8:30	to	9:30	n/a	n/a	n/a	n/a	20	11	13	44	1.55	18	7	7	32	41	76	306	321	627		
8:45	to	9:45	n/a	n/a	n/a	n/a	24	14	18	56	1.58	22	9	9	40	50	96	307	302	609		
9:00	to	10:00	n/a	n/a	n/a	n/a	21	14	22	57	1.67	24	10	11	45	51	102	285	286	571		
9:15	to	10:15	n/a	n/a	n/a	n/a	21	14	23	58	1.67	24	10	11	45	52	103	257	255	512		
9:30	to	10:30	n/a	n/a	n/a	n/a	21	14	23	58	1.67	24	10	11	45	52	103	259	257	516		
9:45	to	10:45	n/a	n/a	n/a	n/a	21	14	25	60	1.67	21	9	10	40	50	100	249	270	519		
10:00	to	11:00	n/a	n/a	n/a	n/a	19	12	22	53	1.63	23	10	10	43	49	96	273	288	561		
10:15	to	11:15	n/a	n/a	n/a	n/a	20	10	24	54	1.50	23	9	17	49	48	103	294	318	612		
10:30	to	11:30	n/a	n/a	n/a	n/a	16	7	19	42	1.44	20	8	19	47	39	89	325	329	654		
10:45	to	11:45	n/a	n/a	n/a	n/a	14	4	17	35	1.29	20	7	25	52	35	87	320	347	667		
11:00	to	12:00	n/a	n/a	n/a	n/a	15	3	20	38	1.20	14	4	27	45	29	83	320	351	671		
11:15	to	12:15	n/a	n/a	n/a	n/a	13	3	17	33	1.23	12	3	25	40	20	73	321	346	667		
11:30	to	12:30	n/a	n/a	n/a	n/a	14	3	20	37	1.21	11	2	25	38	22	75	281	353	634		
11:45	to	12:45	n/a	n/a	n/a	n/a	16	3	22	41	1.19	11	2	27	40	18	81	307	355	662		
PM																						
12:00	to	13:00	n/a	n/a	n/a	n/a	15	3	20	38	1.20	10	1	25	36	27	74	289	354	643		
12:15	to	13:15	n/a	n/a	n/a	n/a	20	7	19	46	1.35	14	5	22	41	36	87	270	360	630		
12:30	to	13:30	n/a	n/a	n/a	n/a	23	10	16	49	1.43	15	7	18	40	40	89	298	362	660		
12:45	to	13:45	n/a	n/a	n/a	n/a	22	12	10	44	1.55	14	8	10	32	37	76	289	355	644		
13:00	to	14:00	n/a	n/a	n/a	n/a	22	13	7	42	1.59	19	12	10	41	42	83	306	354	660		
13:15	to	14:15	n/a	n/a	n/a	n/a	20	11	6	37	1.55	16	10	8	34	36	71	322	358	680		
13:30	to	14:30	n/a	n/a	n/a	n/a	21	12	7	40	1.57	16	10	8	34	38	74	308	352	660		
13:45	to	14:45	n/a	n/a	n/a	n/a	19	11	7	37	1.58	21	13	11	45	41	82	301	376	677		
14:00	to	15:00	n/a	n/a	n/a	n/a	21	12	7	40	1.57	17	11	8	36	39	76	289	395	684		
14:15	to	15:15	n/a	n/a	n/a	n/a	20	13	7	40	1.65	20	12	10	42	41	82	298	410	708		
14:30	to	15:30	n/a	n/a	n/a	n/a	22	16	9	47	1.73	22	12	11	45	45	92	310	423	733		
14:45	to	15:45	n/a	n/a	n/a	n/a	20	15	9	44	1.75	20	10	8	38	41	82	352	417	769		
15:00	to	16:00	n/a	n/a	n/a	n/a	19	16	9	44	1.84	22	10	9	41	42	85	392	385	777		
15:15	to	16:15	n/a	n/a	n/a	n/a	18	16	9	43	1.89	23	10	10	43	43	86	398	354	752		
15:30	to	16:30	n/a	n/a	n/a	n/a	15	14	7	36	1.93	23	10	11	44	40	80	414	312	726		
15:45	to	16:45	n/a	n/a	n/a	n/a	16	15	7	38	1.94	24	10	12	46	42	84	383	282	665		
16:00	to	17:00	n/a	n/a	n/a	n/a	14	14	6	34	2.00	23	10	11	44	39	78	378	311	689		
16:15	to	17:15	n/a	n/a	n/a	n/a	12	11	5	28	1.92	19	10	9	38	32	66	379	300	679		
16:30	to	17:30	n/a	n/a	n/a	n/a	10	7	5	22	1.70	17	10	8	35	27	57	378	303	681		
16:45	to	17:45	n/a	n/a	n/a	n/a	11	6	5	22	1.55	10	7	6	23	21	45	366	302	668		
17:00	to	18:00	n/a	n/a	n/a	n/a	10	3	5	18	1.30	8	7	6	21	18	39	344	264	608		
17:15	to	18:15	n/a	n/a	n/a	n/a	9	2	4	15	1.22	7	6	5	18	16	33	311	242	553		
17:30	to	18:30	n/a	n/a	n/a	n/a	7	1	3	11	1.14	6	6	5	17	13	28	264	234	498		
17:45	to	18:45	n/a	n/a	n/a	n/a	5	0	2	7	1.00	8	7	5	20	13	27	241	231	472		
18:00	to	19:00	n/a	n/a	n/a	n/a	3	0	1	4	1.00	7	6	4	17	10	21	212	236	448		

¹ Dee Why Family Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.104 Site S12 Dee Why Family Medical Centre, Dee Why – Hourly data – Consecutive – Friday 19/06/2015.

DATE	Dee Why Family Medical Centre - 7/9 Howard Avenue, Dee Why NSW 2099														Grand Total		Main Road Data ⁵		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data
WEATHER Rain		IN	OUT	Total	Occupancy	IN					OUT					Vehicles ⁴	Persons	EB	WB	Vehicles
TIME						Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total						
AM																				
7:00	to 8:00	n/a	n/a	n/a	n/a	12	5	4	21	1.42	5	1	2	8	17	29	176	248	424	
8:00	to 9:00	n/a	n/a	n/a	n/a	22	10	8	40	1.45	15	6	6	27	37	67	284	314	598	
9:00	to 10:00	n/a	n/a	n/a	n/a	21	14	22	57	1.67	24	10	11	45	51	102	285	286	571	
10:00	to 11:00	n/a	n/a	n/a	n/a	19	12	22	53	1.63	23	10	10	43	49	96	273	288	561	
11:00	to 12:00	n/a	n/a	n/a	n/a	15	3	20	38	1.20	14	4	27	45	29	83	320	351	671	
PM																				
12:00	to 13:00	n/a	n/a	n/a	n/a	15	3	20	38	1.20	10	1	25	36	27	74	289	354	643	
13:00	to 14:00	n/a	n/a	n/a	n/a	22	13	7	42	1.59	19	12	10	41	42	83	306	354	660	
14:00	to 15:00	n/a	n/a	n/a	n/a	21	12	7	40	1.57	17	11	8	36	39	76	289	395	684	
15:00	to 16:00	n/a	n/a	n/a	n/a	19	16	9	44	1.84	22	10	9	41	42	85	392	385	777	
16:00	to 17:00	n/a	n/a	n/a	n/a	14	14	6	34	2.00	23	10	11	44	39	78	378	311	689	
17:00	to 18:00	n/a	n/a	n/a	n/a	10	3	5	18	1.30	8	7	6	21	18	39	344	264	608	
18:00	to 19:00	n/a	n/a	n/a	n/a	3	0	1	4	1.00	7	6	4	17	10	21	212	236	448	
Total		n/a	n/a	n/a	n/a	193	105	131	429	1.54	187	88	129	404	400	833	3548	3786	7334	

Table 3.105 Site S12 Dee Why Family Medical Centre, Dee Why – Travel mode – Friday 19/06/2015.

DATE 19 June 2015		Dee Why Family Medical Centre - 7/9 Howard Avenue, Dee Why NSW 2099												
Average group size (people)	Average duration of stay (hrs)	Travel Mode												
		Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other		
1.30	0:39	IN	Total	65	32	4	1	7	0	0	0	33	0	
			%	45.8	22.5	2.8	0.7	4.9	0.0	0.0	0.0	23.2	0.0	
		OUT	Total	65	32	0	1	7	0	0	0	36	0	
			%	46.1	22.7	0.0	0.7	5.0	0.0	0.0	0.0	25.5	0.0	

¹ Dee Why Family Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.50 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

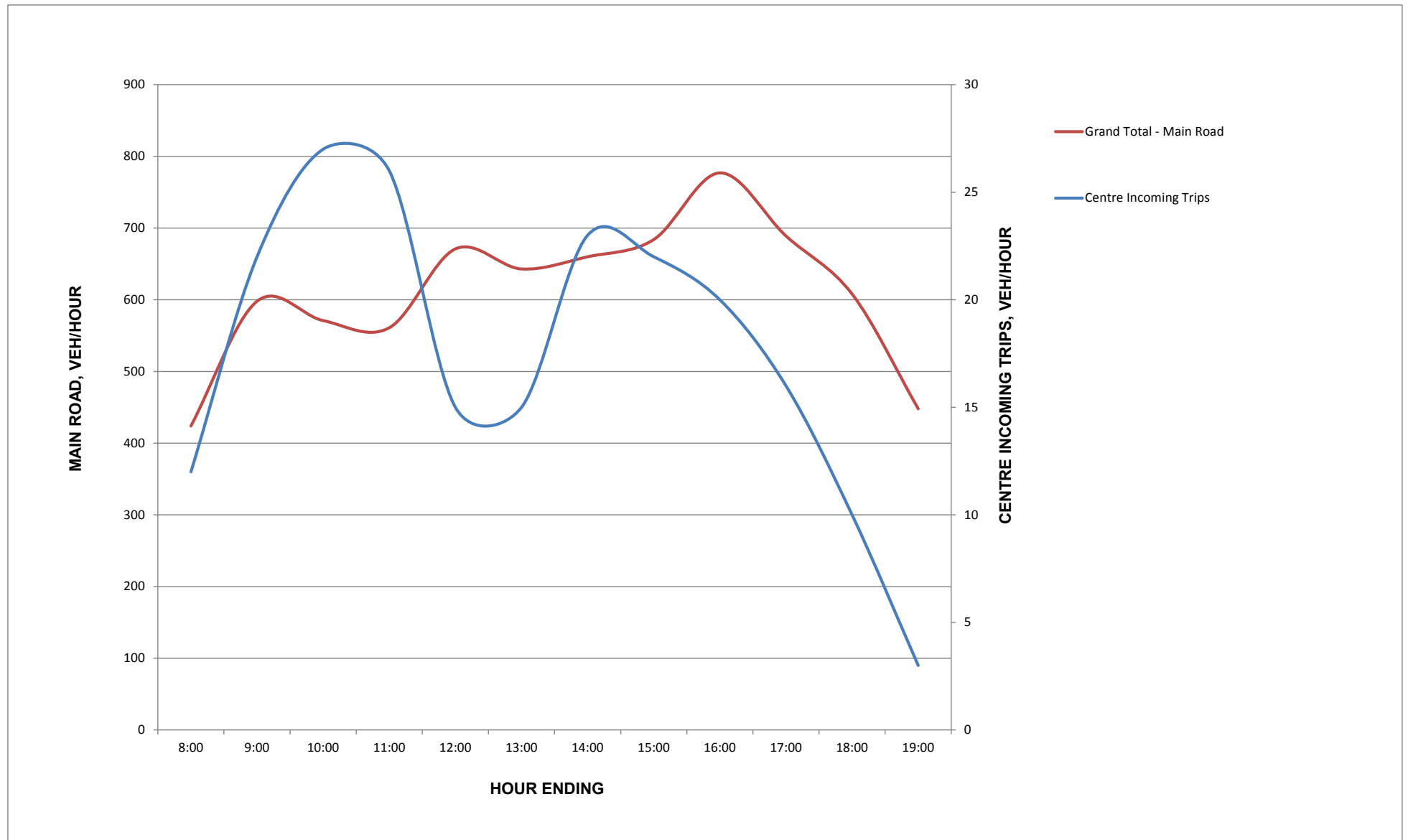


Figure 3.28 Site S12 Dee Why Family Medical Centre, Dee Why – Hourly trip distribution – Vehicles – Friday 19/06/2015. Traffic on the frontage road and centre incoming trips.

3.1.29 Site S13 Medclinic Medical Centre Bankstown, Bankstown NSW 2200– Thursday 25/06/2015

Table 3.106 Site S13 Medclinic Medical Centre Bankstown, Bankstown – Survey Results – 15-minute interval data – Thursday 25/06/2015.

DATE	25 June 2015	Medclinic Medical Centre Bankstown - Shop MM.014, The Appian Way, Bankstown NSW 2200												Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand ⁴	
15 minute Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								15 minute Data		15 minute Data		15 minute Data	15 minute Data	
WEATHER Fine		IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	EB	WB	Vehicles	On street	
TIME ⁵						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car							Total
AM																				
7:45	to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			104	107	211	1
8:00	to 8:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			98	97	195	2
8:15	to 8:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			112	106	218	3
8:30	to 8:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	0	0	0	0			119	110	229	5
8:45	to 9:00	n/a	n/a	n/a	n/a	2	2	0	4	2.00	0	0	0	0			128	145	273	6
9:00	to 9:15	n/a	n/a	n/a	n/a	1	1	1	3	2.00	0	0	1	1			107	111	218	7
9:15	to 9:30	n/a	n/a	n/a	n/a	2	2	1	5	2.00	1	1	1	3			113	114	227	8
9:30	to 9:45	n/a	n/a	n/a	n/a	3	2	1	6	1.67	2	1	1	4			95	100	195	9
9:45	to 10:00	n/a	n/a	n/a	n/a	1	1	1	3	2.00	3	3	1	7			91	103	194	9
10:00	to 10:15	n/a	n/a	n/a	n/a	4	3	3	10	1.75	4	3	1	8			102	78	180	8
10:15	to 10:30	n/a	n/a	n/a	n/a	3	2	2	7	1.67	1	1	0	2			95	87	182	10
10:30	to 10:45	n/a	n/a	n/a	n/a	3	2	2	7	1.67	3	2	1	6			89	78	167	11
10:45	to 11:00	n/a	n/a	n/a	n/a	3	3	2	8	2.00	2	2	1	5			106	80	186	11
11:00	to 11:15	n/a	n/a	n/a	n/a	1	2	0	3	3.00	0	1	0	1			98	101	199	12
11:15	to 11:30	n/a	n/a	n/a	n/a	2	3	1	6	2.50	2	3	1	6			80	101	181	12
11:30	to 11:45	n/a	n/a	n/a	n/a	2	2	0	4	2.00	2	4	1	7			99	98	197	12
11:45	to 12:00	n/a	n/a	n/a	n/a	0	1	0	1	0.00	3	5	1	9			105	99	204	10
PM																				
12:00	to 12:15	n/a	n/a	n/a	n/a	0	1	0	1	0.00	1	1	0	2			106	97	203	8
12:15	to 12:30	n/a	n/a	n/a	n/a	0	1	0	1	0.00	0	1	0	1			95	100	195	8
12:30	to 12:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	1	0	1			112	95	207	8
12:45	to 13:00	n/a	n/a	n/a	n/a	1	2	0	3	3.00	0	0	0	0			110	112	222	8
13:00	to 13:15	n/a	n/a	n/a	n/a	1	1	1	3	2.00	1	1	0	2			125	96	221	9
13:15	to 13:30	n/a	n/a	n/a	n/a	1	1	1	3	2.00	1	1	1	3			111	85	196	9
13:30	to 13:45	n/a	n/a	n/a	n/a	2	2	1	5	2.00	1	1	1	3			126	113	239	9
13:45	to 14:00	n/a	n/a	n/a	n/a	1	2	1	4	3.00	1	1	0	2			112	96	208	9
14:00	to 14:15	n/a	n/a	n/a	n/a	1	2	1	4	3.00	1	2	1	4			127	100	227	9
14:15	to 14:30	n/a	n/a	n/a	n/a	0	0	1	1	0.00	1	1	0	2			130	133	263	8
14:30	to 14:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	1	3			144	122	266	7
14:45	to 15:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	1	3			110	93	203	4
TOTAL		n/a	n/a	n/a	n/a	35	39	20	94	2.17	32	38	15	85	83	179	3149	2957	6106	

¹ Medclinic Medical Centre Bankstown does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

⁵ On the day of the survey this medical centre, which is dedicated mainly to serving local Arabic community, closed at 3:00 pm instead of its usual closing time of 5:30 pm due to the Muslim month of Ramadan.

Table 3.107 Site S13 Medclinic Medical Centre Bankstown, Bankstown – Survey Results – Hourly data – rolling at 15 minute intervals – Thursday 25/06/2015.

DATE	25 June 2015	Medclinic Medical Centre Bankstown - Shop MM.014, The Appian Way, Bankstown NSW 2200													Grand Total		Main Road Data		Grand Total - Main Road			
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data		
WEATHER Fine		IN	OUT	Total	Occupancy	IN					OUT					Vehicles ³	Persons	EB	WB	Vehicles		
TIME ⁴						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total								
AM																						
7:45	to 8:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	0	0	0	0	1	2	433	420	853			
8:00	to 9:00	n/a	n/a	n/a	n/a	3	3	0	6	2.00	0	0	0	0	3	6	457	458	915			
8:15	to 9:15	n/a	n/a	n/a	n/a	4	4	1	9	2.00	0	0	1	1	4	10	466	472	938			
8:30	to 9:30	n/a	n/a	n/a	n/a	6	6	2	14	2.00	1	1	2	4	7	18	467	480	947			
8:45	to 9:45	n/a	n/a	n/a	n/a	8	7	3	18	1.88	3	2	3	8	11	26	443	470	913			
9:00	to 10:00	n/a	n/a	n/a	n/a	7	6	4	17	1.86	6	5	4	15	13	32	406	428	834			
9:15	to 10:15	n/a	n/a	n/a	n/a	10	8	6	24	1.80	10	8	4	22	21	46	401	395	796			
9:30	to 10:30	n/a	n/a	n/a	n/a	11	8	7	26	1.73	10	8	3	21	22	47	383	368	751			
9:45	to 10:45	n/a	n/a	n/a	n/a	11	8	8	27	1.73	11	9	3	23	23	50	377	346	723			
10:00	to 11:00	n/a	n/a	n/a	n/a	13	10	9	32	1.77	10	8	3	21	25	53	392	323	715			
10:15	to 11:15	n/a	n/a	n/a	n/a	10	9	6	25	1.90	6	6	2	14	17	39	388	346	734			
10:30	to 11:30	n/a	n/a	n/a	n/a	9	10	5	24	2.11	7	8	3	18	18	42	373	360	733			
10:45	to 11:45	n/a	n/a	n/a	n/a	8	10	3	21	2.25	6	10	3	19	17	40	383	380	763			
11:00	to 12:00	n/a	n/a	n/a	n/a	5	8	1	14	2.60	7	13	3	23	15	37	382	399	781			
11:15	to 12:15	n/a	n/a	n/a	n/a	4	7	1	12	2.75	8	13	3	24	14	36	390	395	785			
11:30	to 12:30	n/a	n/a	n/a	n/a	2	5	0	7	3.50	6	11	2	19	10	26	405	394	799			
11:45	to 12:45	n/a	n/a	n/a	n/a	0	3	0	3	0.00	4	8	1	13	5	16	418	391	809			
PM																						
12:00	to 13:00	n/a	n/a	n/a	n/a	1	4	0	5	5.00	1	3	0	4	2	9	423	404	827			
12:15	to 13:15	n/a	n/a	n/a	n/a	2	4	1	7	3.00	1	3	0	4	4	11	442	403	845			
12:30	to 13:30	n/a	n/a	n/a	n/a	3	4	2	9	2.33	2	3	1	6	8	15	458	388	846			
12:45	to 13:45	n/a	n/a	n/a	n/a	5	6	3	14	2.20	3	3	2	8	13	22	472	406	878			
13:00	to 14:00	n/a	n/a	n/a	n/a	5	6	4	15	2.20	4	4	2	10	15	25	474	390	864			
13:15	to 14:15	n/a	n/a	n/a	n/a	5	7	4	16	2.40	4	5	3	12	16	28	476	394	870			
13:30	to 14:30	n/a	n/a	n/a	n/a	4	6	4	14	2.50	4	5	2	11	14	25	495	442	937			
13:45	to 14:45	n/a	n/a	n/a	n/a	2	4	3	9	3.00	4	5	2	11	11	20	513	451	964			
14:00	to 15:00	n/a	n/a	n/a	n/a	1	2	2	5	3.00	4	5	3	12	10	17	511	448	959			
14:15	to 15:15	n/a	n/a	n/a	n/a	0	0	1	1	0.00	3	3	2	8	6	9	384	348	732			
14:30	to 15:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	2	2	6	4	6	254	215	469			
14:45	to 15:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	1	3	2	3	110	93	203			

¹ Medclinic Medical Centre Bankstown does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.⁴ On the day of the survey this medical centre, which is dedicated mainly to serving local Arabic community, closed at 3:00 pm instead of its usual closing time of 5:30 pm due to the Muslim month of Ramadan.

Table 3.108 Site S13 Medclinic Medical Centre Bankstown, Bankstown – Hourly data – Consecutive – Thursday 25/06/2015.

DATE	25 June 2015	Medclinic Medical Centre Bankstown - Shop MM.014, The Appian Way, Bankstown NSW 2200													Grand Total		Main Road Data ⁵		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data
WEATHER Fine						IN					OUT									
TIME ⁶		IN	OUT	Total	Occupancy	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	EB	WB	Vehicles	
AM																				
8:00	to 9:00	n/a	n/a	n/a	n/a	3	3	0	6	2.00	0	0	0	0	3	6	457	458	915	
9:00	to 10:00	n/a	n/a	n/a	n/a	7	6	4	17	1.86	6	5	4	15	13	32	406	428	834	
10:00	to 11:00	n/a	n/a	n/a	n/a	13	10	9	32	1.77	10	8	3	21	25	53	392	323	715	
11:00	to 12:00	n/a	n/a	n/a	n/a	5	8	1	14	2.60	7	13	3	23	15	37	382	399	781	
PM																				
12:00	to 13:00	n/a	n/a	n/a	n/a	1	4	0	5	5.00	1	3	0	4	2	9	423	404	827	
13:00	to 14:00	n/a	n/a	n/a	n/a	5	6	4	15	2.20	4	4	2	10	15	25	474	390	864	
14:00	to 15:00	n/a	n/a	n/a	n/a	1	2	2	5	3.00	4	5	3	12	10	17	511	448	959	
Total		n/a	n/a	n/a	n/a	35	39	20	94	2.11	32	38	15	85	83	179	3149	2957	6106	

Table 3.109 Site S13 Medclinic Medical Centre Bankstown, Bankstown – Travel mode – Thursday 25/06/2015.

DATE 25 June 2015		Medclinic Medical Centre Bankstown - Shop MM.014, The Appian Way, Bankstown NSW 2200												
Average group size (people)	Average duration of stay (hrs)			Travel Mode										
				Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.80	0:30	IN	Total	50	45	12	0	4	5	0	0	0	13	0
			%	38.8	34.9	9.3	0.0	3.1	3.9	0.0	0.0	0.0	10.1	0.0
		OUT	Total	48	44	10	0	7	4	0	0	0	11	0
			%	38.7	35.5	8.1	0.0	5.6	3.2	0.0	0.0	0.0	8.9	0.0

¹ Medclinic Medical Centre Bankstown does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.51 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

⁶ On the day of the survey this medical centre, which is dedicated mainly to serving local Arabic community, closed at 3:00 pm instead of its usual closing time of 5:30 pm due to the Muslim month of Ramadan.

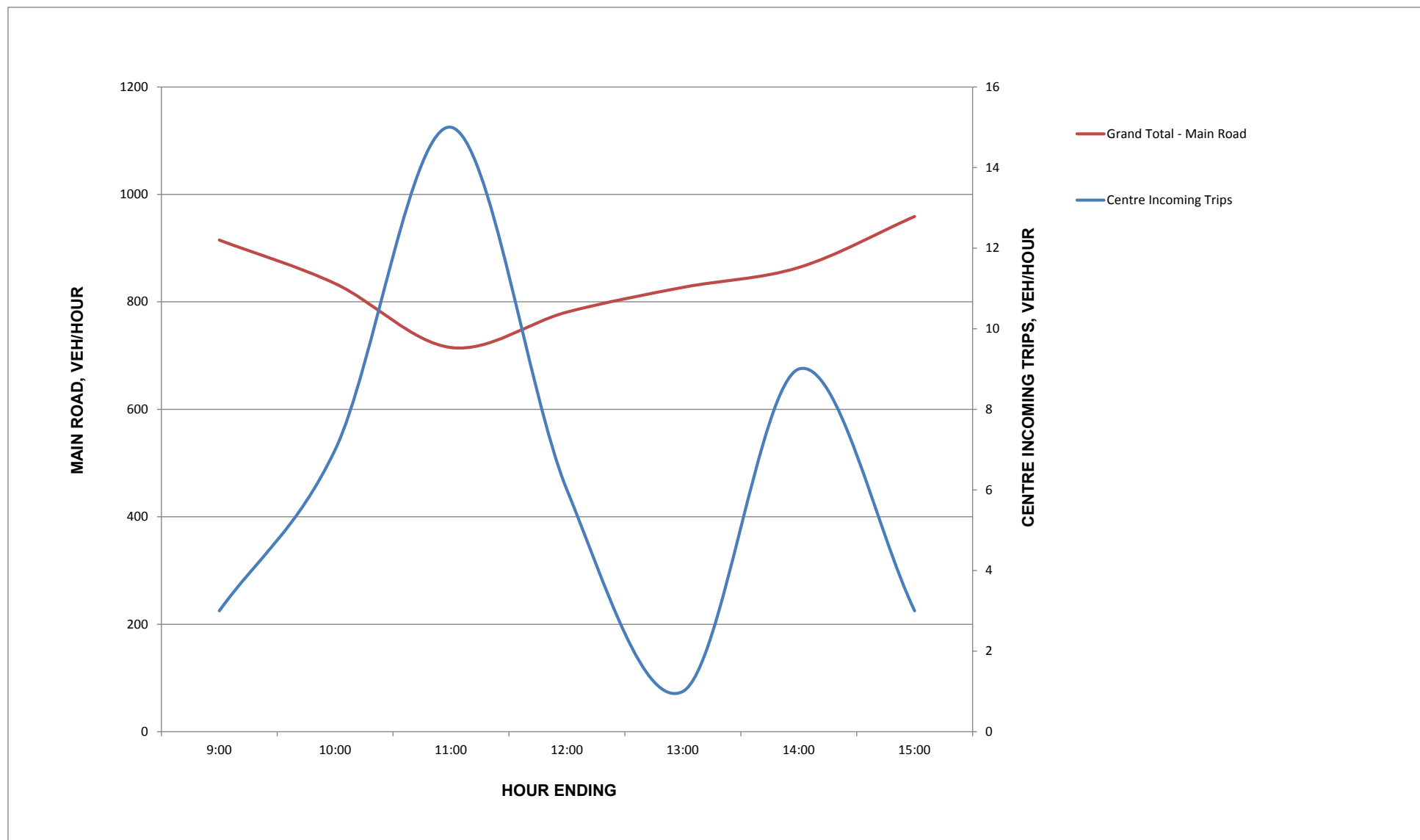


Figure 3.29 Site S13 Medclinic Medical Centre Bankstown, Bankstown – Hourly trip distribution – Vehicles – Thursday 25/06/2015. Traffic on the frontage road and centre incoming trips.

3.1.30 Site S14 Kable Street General Practice, Windsor NSW 2756– Thursday 25/06/2015

Table 3.110 Site S14 Kable Street General Practice, Windsor – Survey Results – 15-minute interval data – Thursday 25/06/2015.

DATE 25 June 2015	Kable Street General Practice - 2 Kable St, Windsor NSW 2756													Grand Total	Main Road Data	Grand Total - Main Road	Parking Demand ⁴		
15 minute Data														15 minute Data	15 minute Data	15 minute Data	15 minute Data		
WEATHER Fine	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)														
TIME	IN	OUT	Total	Occupancy	IN					OUT					EB	WB	Vehicles	On street	
AM					Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons				
7:00 to 7:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	97	132	229	0
7:15 to 7:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	110	137	247	0
7:30 to 7:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	111	160	271	0
7:45 to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	114	165	279	2
8:00 to 8:15	n/a	n/a	n/a	n/a	4	3	0	7	1.75	3	0	0	3	8	10	129	171	300	4
8:15 to 8:30	n/a	n/a	n/a	n/a	8	7	0	15	1.88	6	0	0	6	17	21	136	206	342	9
8:30 to 8:45	n/a	n/a	n/a	n/a	7	5	0	12	1.71	6	0	0	6	15	18	182	187	369	14
8:45 to 9:00	n/a	n/a	n/a	n/a	10	8	0	18	1.80	5	0	0	5	19	23	155	161	316	17
9:00 to 9:15	n/a	n/a	n/a	n/a	10	3	0	13	1.30	4	3	0	7	15	20	171	143	314	21
9:15 to 9:30	n/a	n/a	n/a	n/a	11	3	1	15	1.27	7	4	1	12	20	27	147	172	319	27
9:30 to 9:45	n/a	n/a	n/a	n/a	9	3	0	12	1.33	9	5	0	14	19	26	164	153	317	34
9:45 to 10:00	n/a	n/a	n/a	n/a	9	3	0	12	1.33	5	3	0	8	15	20	139	141	280	28
10:00 to 10:15	n/a	n/a	n/a	n/a	15	4	1	20	1.27	10	6	1	17	27	37	143	114	257	21
10:15 to 10:30	n/a	n/a	n/a	n/a	8	2	1	11	1.25	6	3	0	9	15	20	133	150	283	23
10:30 to 10:45	n/a	n/a	n/a	n/a	7	2	1	10	1.29	3	2	0	5	11	15	142	140	282	25
10:45 to 11:00	n/a	n/a	n/a	n/a	10	3	1	14	1.30	8	5	0	13	19	27	162	117	279	24
11:00 to 11:15	n/a	n/a	n/a	n/a	7	3	1	11	1.43	8	3	0	11	16	22	125	146	271	23
11:15 to 11:30	n/a	n/a	n/a	n/a	14	6	0	20	1.43	9	3	0	12	24	32	169	123	292	27
11:30 to 11:45	n/a	n/a	n/a	n/a	5	2	1	8	1.40	7	3	0	10	13	18	153	136	289	30
11:45 to 12:00	n/a	n/a	n/a	n/a	9	4	1	14	1.44	7	3	0	10	17	24	143	130	273	32
PM																			
12:00 to 12:15	n/a	n/a	n/a	n/a	8	4	0	12	1.50	11	4	0	15	20	27	180	145	325	33
12:15 to 12:30	n/a	n/a	n/a	n/a	8	4	0	12	1.50	14	5	1	20	23	32	159	141	300	32
12:30 to 12:45	n/a	n/a	n/a	n/a	5	2	0	7	1.40	8	3	0	11	13	18	183	139	322	32
12:45 to 13:00	n/a	n/a	n/a	n/a	4	2	0	6	1.50	5	2	0	7	9	13	204	146	350	29
13:00 to 13:15	n/a	n/a	n/a	n/a	7	4	1	12	1.57	10	6	0	16	19	28	170	137	307	27
13:15 to 13:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	3	2	0	5	3	5	135	132	267	25
13:30 to 13:45	n/a	n/a	n/a	n/a	12	6	2	20	1.50	8	4	1	13	22	33	161	125	286	23
13:45 to 14:00	n/a	n/a	n/a	n/a	10	5	1	16	1.50	8	4	1	13	19	29	165	135	300	29
14:00 to 14:15	n/a	n/a	n/a	n/a	6	3	0	9	1.50	1	0	0	1	7	10	167	142	309	35
14:15 to 14:30	n/a	n/a	n/a	n/a	12	6	2	20	1.50	5	3	0	8	19	28	157	149	306	35
14:30 to 14:45	n/a	n/a	n/a	n/a	4	2	0	6	1.50	7	4	1	12	12	18	173	165	338	35
14:45 to 15:00	n/a	n/a	n/a	n/a	5	2	1	8	1.40	8	4	1	13	14	21	187	127	314	36
15:00 to 15:15	n/a	n/a	n/a	n/a	4	2	0	6	1.50	5	2	1	8	10	14	213	127	340	37
15:15 to 15:30	n/a	n/a	n/a	n/a	13	6	0	19	1.46	14	5	1	20	27	39	252	135	387	36
15:30 to 15:45	n/a	n/a	n/a	n/a	8	3	0	11	1.38	3	1	0	4	11	15	254	128	382	35
15:45 to 16:00	n/a	n/a	n/a	n/a	4	2	0	6	1.50	6	2	1	9	10	15	188	153	341	34
16:00 to 16:15	n/a	n/a	n/a	n/a	8	3	1	12	1.38	10	4	0	14	18	26	262	121	383	33
16:15 to 16:30	n/a	n/a	n/a	n/a	6	3	0	9	1.50	6	2	1	9	12	18	218	110	328	29
16:30 to 16:45	n/a	n/a	n/a	n/a	8	3	1	12	1.38	13	5	1	19	22	31	216	138	354	25
16:45 to 17:00	n/a	n/a	n/a	n/a	6	3	0	9	1.50	8	3	0	11	14	20	208	128	336	23
17:00 to 17:15	n/a	n/a	n/a	n/a	8	4	0	12	1.50	9	6	0	15	19	27	211	120	331	21
17:15 to 17:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	2	0	4	4	5	270	130	400	17
17:30 to 17:45	n/a	n/a	n/a	n/a	2	1	0	3	1.50	4	2	0	6	6	9	230	119	349	13
17:45 to 18:00	n/a	n/a	n/a	n/a	3	1	0	4	1.33	7	4	0	11	10	15	186	108	294	11
18:00 to 18:15	n/a	n/a	n/a	n/a	3	1	0	4	1.33	4	2	0	6	7	10	177	114	291	9
18:15 to 18:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	2	1	0	3	4	6	178	105	283	8
18:30 to 18:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	1	0	2	2	3	155	107	262	7
18:45 to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	3	2	0	5	3	5	121	81	202	4
TOTAL	n/a	n/a	n/a	n/a	301	134	17	452	1.44	288	128	12	428	629	880	8205	6591	14796	

¹ Kable Street General Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.111 Site S14 Kable Street General Practice, Windsor – Survey Results – Hourly data – rolling at 15 minute intervals – Thursday 25/06/2015.

DATE	25 June 2015		Kable Street General Practice - 2 Kable St, Windsor NSW 2756												Grand Total		Main Road Data		Grand Total - Main Road			
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine			IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	EB	WB	Vehicles			
TIME							Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total		
AM																						
7:00	to	8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	432	594	1026			
7:15	to	8:15	n/a	n/a	n/a	n/a	4	3	0	7	1.75	3	0	0	3	8	464	633	1097			
7:30	to	8:30	n/a	n/a	n/a	n/a	12	10	0	22	1.83	9	0	0	9	25	490	702	1192			
7:45	to	8:45	n/a	n/a	n/a	n/a	19	15	0	34	1.79	15	0	0	15	40	561	729	1290			
8:00	to	9:00	n/a	n/a	n/a	n/a	29	23	0	52	1.79	20	0	0	20	59	602	725	1327			
8:15	to	9:15	n/a	n/a	n/a	n/a	35	23	0	58	1.66	21	3	0	24	66	644	697	1341			
8:30	to	9:30	n/a	n/a	n/a	n/a	38	19	1	58	1.50	22	7	1	30	69	655	663	1318			
8:45	to	9:45	n/a	n/a	n/a	n/a	40	17	1	58	1.43	25	12	1	38	73	637	629	1266			
9:00	to	10:00	n/a	n/a	n/a	n/a	39	12	1	52	1.31	25	15	1	41	69	621	609	1230			
9:15	to	10:15	n/a	n/a	n/a	n/a	44	13	2	59	1.30	31	18	2	51	81	593	580	1173			
9:30	to	10:30	n/a	n/a	n/a	n/a	41	12	2	55	1.29	30	17	1	48	76	579	558	1137			
9:45	to	10:45	n/a	n/a	n/a	n/a	39	11	3	53	1.28	24	14	1	39	68	557	545	1102			
10:00	to	11:00	n/a	n/a	n/a	n/a	40	11	4	55	1.28	27	16	1	44	72	580	521	1101			
10:15	to	11:15	n/a	n/a	n/a	n/a	32	10	4	46	1.31	25	13	0	38	61	562	553	1115			
10:30	to	11:30	n/a	n/a	n/a	n/a	38	14	3	55	1.37	28	13	0	41	70	598	526	1124			
10:45	to	11:45	n/a	n/a	n/a	n/a	36	14	3	53	1.39	32	14	0	46	72	609	522	1131			
11:00	to	12:00	n/a	n/a	n/a	n/a	35	15	3	53	1.43	31	12	0	43	70	590	535	1125			
11:15	to	12:15	n/a	n/a	n/a	n/a	36	16	2	54	1.44	34	13	0	47	54	645	534	1179			
11:30	to	12:30	n/a	n/a	n/a	n/a	30	14	2	46	1.47	39	15	1	55	50	635	552	1187			
11:45	to	12:45	n/a	n/a	n/a	n/a	30	14	1	45	1.47	40	15	1	56	60	665	555	1220			
PM																						
12:00	to	13:00	n/a	n/a	n/a	n/a	25	12	0	37	1.48	38	14	1	53	65	726	571	1297			
12:15	to	13:15	n/a	n/a	n/a	n/a	24	12	1	37	1.50	37	16	1	54	64	716	563	1279			
12:30	to	13:30	n/a	n/a	n/a	n/a	16	8	1	25	1.50	26	13	0	39	44	692	554	1246			
12:45	to	13:45	n/a	n/a	n/a	n/a	23	12	3	38	1.52	26	14	1	41	53	670	540	1210			
13:00	to	14:00	n/a	n/a	n/a	n/a	29	15	4	48	1.52	29	16	2	47	63	631	529	1160			
13:15	to	14:15	n/a	n/a	n/a	n/a	28	14	3	45	1.50	20	10	2	32	51	628	534	1162			
13:30	to	14:30	n/a	n/a	n/a	n/a	40	20	5	65	1.50	22	11	2	35	67	650	551	1201			
13:45	to	14:45	n/a	n/a	n/a	n/a	32	16	3	51	1.50	21	11	2	34	57	662	591	1253			
14:00	to	15:00	n/a	n/a	n/a	n/a	27	13	3	43	1.48	21	11	2	34	52	684	583	1267			
14:15	to	15:15	n/a	n/a	n/a	n/a	25	12	3	40	1.48	25	13	3	41	55	730	568	1298			
14:30	to	15:30	n/a	n/a	n/a	n/a	26	12	1	39	1.46	34	15	4	53	63	825	554	1379			
14:45	to	15:45	n/a	n/a	n/a	n/a	30	13	1	44	1.43	30	12	3	45	62	906	517	1423			
15:00	to	16:00	n/a	n/a	n/a	n/a	29	13	0	42	1.45	28	10	3	41	58	907	543	1450			
15:15	to	16:15	n/a	n/a	n/a	n/a	33	14	1	48	1.42	33	12	2	47	66	956	537	1493			
15:30	to	16:30	n/a	n/a	n/a	n/a	26	11	1	38	1.42	25	9	2	36	51	922	512	1434			
15:45	to	16:45	n/a	n/a	n/a	n/a	26	11	2	39	1.42	35	13	3	51	62	884	522	1406			
16:00	to	17:00	n/a	n/a	n/a	n/a	28	12	2	42	1.43	37	14	2	53	66	904	497	1401			
16:15	to	17:15	n/a	n/a	n/a	n/a	28	13	1	42	1.46	36	16	2	54	67	853	496	1349			
16:30	to	17:30	n/a	n/a	n/a	n/a	23	10	1	34	1.43	32	16	1	49	59	905	516	1421			
16:45	to	17:45	n/a	n/a	n/a	n/a	17	8	0	25	1.47	23	13	0	36	43	919	497	1416			
17:00	to	18:00	n/a	n/a	n/a	n/a	14	6	0	20	1.43	22	14	0	36	39	897	477	1374			
17:15	to	18:15	n/a	n/a	n/a	n/a	9	3	0	12	1.33	17	10	0	27	27	863	471	1334			
17:30	to	18:30	n/a	n/a	n/a	n/a	10	4	0	14	1.40	17	9	0	26	27	771	446	1217			
17:45	to	18:45	n/a	n/a	n/a	n/a	9	3	0	12	1.33	14	8	0	22	23	696	434	1130			
18:00	to	19:00	n/a	n/a	n/a	n/a	6	2	0	8	1.33	10	6	0	16	16	631	407	1038			

¹ Kable Street General Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.112 Site S14 Kable Street General Practice, Windsor – Hourly data – Consecutive – Thursday 25/06/2015.

DATE	25 June 2015		Kable Street General Practice - 2 Kable St, Windsor NSW 2756												Grand Total		Main Road Data ⁵		Grand Total - Main Road					
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data					
WEATHER			Fine				IN				OUT				Vehicles ⁴		Persons		EB		WB		Vehicles	
TIME			IN	OUT	Total	Occupancy	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total									
AM																								
7:00 to 8:00			n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0					432	594			
8:00 to 9:00			n/a	n/a	n/a	n/a	29	23	0	52	1.79	20	0	0	20					602	725	1026		
9:00 to 10:00			n/a	n/a	n/a	n/a	39	12	1	52	1.31	25	15	1	41					621	609	1230		
10:00 to 11:00			n/a	n/a	n/a	n/a	40	11	4	55	1.28	27	16	1	44					580	521	1101		
11:00 to 12:00			n/a	n/a	n/a	n/a	35	15	3	53	1.43	31	12	0	43					590	535	1125		
PM																								
12:00 to 13:00			n/a	n/a	n/a	n/a	25	12	0	37	1.48	38	14	1	53	65		90		726	571	1297		
13:00 to 14:00			n/a	n/a	n/a	n/a	29	15	4	48	1.52	29	16	2	47	63		95		631	529	1160		
14:00 to 15:00			n/a	n/a	n/a	n/a	27	13	3	43	1.48	21	11	2	34	52		77		684	583	1267		
15:00 to 16:00			n/a	n/a	n/a	n/a	29	13	0	42	1.45	28	10	3	41	58		83		907	543	1450		
16:00 to 17:00			n/a	n/a	n/a	n/a	28	12	2	42	1.43	37	14	2	53	66		95		904	497	1401		
17:00 to 18:00			n/a	n/a	n/a	n/a	14	6	0	20	1.43	22	14	0	36	39		56		897	477	1374		
18:00 to 19:00			n/a	n/a	n/a	n/a	6	2	0	8	1.33	10	6	0	16	16		24		631	407	1038		
Total			n/a	n/a	n/a	n/a	301	134	17	452	1.45	288	128	12	428	629		880		8205	6591	14796		

Table 3.113 Site S14 Kable Street General Practice, Windsor – Travel mode – Thursday 25/06/2015.

DATE 25 June 2015	Kable Street General Practice - 2 Kable St, Windsor NSW 2756												
Average group size (people)	Average duration of stay (hrs)	Travel Mode											
		Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other	
1.40	1:01	IN	Total	121	47	5	3	3	0	0	0	3	0
			%	66.5	25.8	2.7	1.6	1.6	0.0	0.0	0.0	1.6	0.0
		OUT	Total	121	48	5	3	2	0	0	0	3	0
			%	66.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ Kable Street General Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.52 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

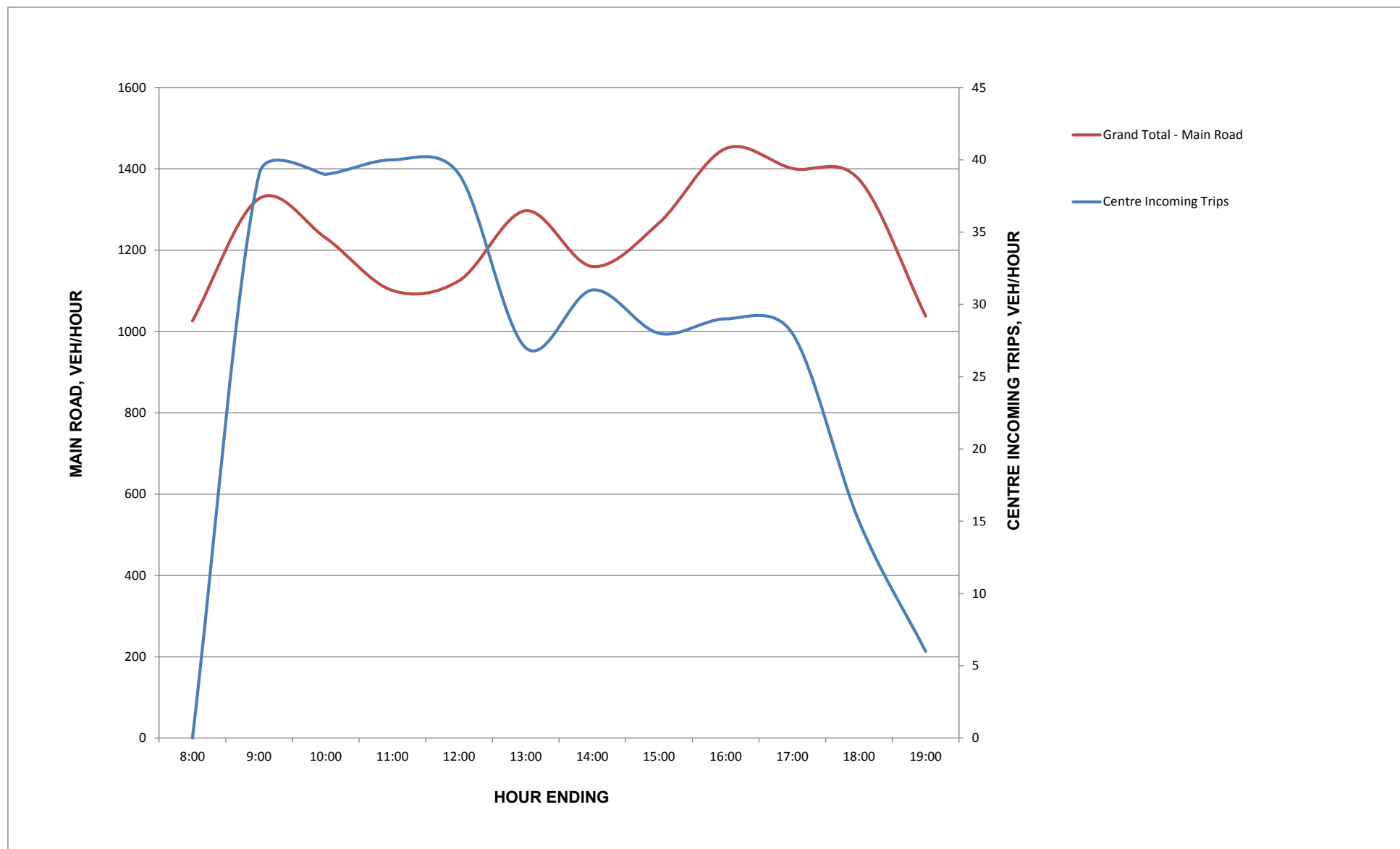


Figure 3.30 Site S14 Kable Street General Practice, Windsor – Hourly trip distribution – Vehicles – Thursday 25/06/2015. Traffic on the frontage road and centre incoming trips.

3.1.31 Site R1 Umina Family Practice, Umina Beach NSW 2257– Friday 13/03/2015

Table 3.114 Site R1 Umina Family Practice, Umina Beach – Survey Results – 15-minute interval data – Friday 13/03/2015.

DATE	13 March 2015		Umina Family Practice - 297 West Street, Umina NSW 2257													Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand ⁴									
15 minute Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data	15 minute Data								
WEATHER Fine							IN		OUT		Total		Occupancy		Driver								Passngr		Non-Car		Total			
TIME			IN		OUT		Total		Occupancy		Driver		Passngr		Non-Car		Total		Vehicles ³		Persons		EB		WB		Vehicles		On street	
AM																														
7:00 to 7:15			n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	26	26		53		0		
7:15 to 7:30			n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	30	30		59		0		
7:30 to 7:45			n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	36	36		73		0		
7:45 to 8:00			n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	40	40		79		0		
8:00 to 8:15			n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	42	48		90		0		
8:15 to 8:30			n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	47	51		98		13		
8:30 to 8:45			n/a	n/a	n/a	n/a	2	4	1	7	3.00	1	1	1	1	3	3	10	57	56	114	15	57	56		114		15		
8:45 to 9:00			n/a	n/a	n/a	n/a	3	5	1	9	2.67	2	2	0	2	4	5	13	63	59	122	16	63	59		122		16		
9:00 to 9:15			n/a	n/a	n/a	n/a	2	4	1	7	3.00	0	2	2	2	4	6	11	54	71	125	16	54	71		125		16		
9:15 to 9:30			n/a	n/a	n/a	n/a	3	5	2	10	2.67	0	4	4	4	8	9	18	55	67	122	15	55	67		122		15		
9:30 to 9:45			n/a	n/a	n/a	n/a	3	4	1	8	2.33	0	2	2	2	4	6	12	58	57	115	15	58	57		115		15		
9:45 to 10:00			n/a	n/a	n/a	n/a	3	5	2	10	2.67	0	2	2	2	4	7	14	59	53	112	15	59	53		112		15		
10:00 to 10:15			n/a	n/a	n/a	n/a	5	7	2	14	2.40	0	6	6	6	12	13	26	57	42	98	15	57	42		98		15		
10:15 to 10:30			n/a	n/a	n/a	n/a	5	8	3	16	2.60	0	6	6	6	12	14	28	58	47	105	16	58	47		105		16		
10:30 to 10:45			n/a	n/a	n/a	n/a	3	5	1	9	2.67	0	4	3	7	7	9	16	61	57	118	15	61	57		118		15		
10:45 to 11:00			n/a	n/a	n/a	n/a	2	3	1	6	2.50	0	2	2	2	4	5	10	62	62	125	15	62	62		125		15		
11:00 to 11:15			n/a	n/a	n/a	n/a	4	2	2	8	1.50	3	2	0	5	7	7	13	59	75	134	15	59	75		134		15		
11:15 to 11:30			n/a	n/a	n/a	n/a	3	2	1	6	1.67	6	5	0	11	9	9	17	62	70	132	16	62	70		132		16		
11:30 to 11:45			n/a	n/a	n/a	n/a	6	3	3	12	1.50	5	4	0	9	11	11	21	69	61	129	16	69	61		129		16		
11:45 to 12:00			n/a	n/a	n/a	n/a	6	3	2	11	1.50	5	3	0	8	11	11	19	72	56	127	15	72	56		127		15		
PM																														
12:00 to 12:15			n/a	n/a	n/a	n/a	2	1	1	4	1.50	5	3	0	8	7	7	12	67	49	116	14	67	49		116		14		
12:15 to 12:30			n/a	n/a	n/a	n/a	3	2	1	6	1.67	4	3	0	7	7	7	13	65	52	117	13	65	52		117		13		
12:30 to 12:45			n/a	n/a	n/a	n/a	2	1	0	3	1.50	2	2	0	4	4	4	7	62	57	119	14	62	57		119		14		
12:45 to 13:00			n/a	n/a	n/a	n/a	5	2	2	9	1.40	1	1	0	2	6	6	11	60	60	120	14	60	60		120		14		
13:00 to 13:15			n/a	n/a	n/a	n/a	1	0	0	1	1.00	3	2	1	6	4	4	7	65	56	121	14	65	56		121		14		
13:15 to 13:30			n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	2	2	2	62	57	119	13	62	57		119		13		
13:30 to 13:45			n/a	n/a	n/a	n/a	2	1	1	4	1.50	2	1	0	3	4	4	7	56	60	116	13	56	60		116		13		
13:45 to 14:00			n/a	n/a	n/a	n/a	3	2	1	6	1.67	3	2	1	6	6	6	12	53	61	115	13	53	61		115		13		
14:00 to 14:15			n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	1	1	4	3	3	6	58	50	108	7	58	50		108		7		
14:15 to 14:30			n/a	n/a	n/a	n/a	2	1	1	4	1.50	4	2	2	8	6	6	12	61	54	116	0	61	54		116		0		
14:30 to 14:45			n/a	n/a	n/a	n/a	4	2	2	8	1.50	3	2	1	6	7	7	14	68	63	131	0	68	63		131		0		
14:45 to 15:00			n/a	n/a	n/a	n/a	4	2	2	8	1.50	3	1	1	5	7	7	13	71	68	139	0	71	68		139		0		
15:00 to 15:15			n/a	n/a	n/a	n/a	3	1	0	4	1.33	2	1	0	3	5	5	7	64	60	124	8	64	60		124		8		
15:15 to 15:30			n/a	n/a	n/a	n/a	16	5	0	21	1.31	7	4	3	14	23	23	35	66	64	129	17	66	64		129		17		
15:30 to 15:45			n/a	n/a	n/a	n/a	3	1	0	4	1.33	7	3	3	13	10	10	17	69	70	140	17	69	70		140		17		
15:45 to 16:00			n/a	n/a	n/a	n/a	4	1	0	5	1.25	6	3	2	11	10	10	16	71	74	145	17	71	74		145		17		
16:00 to 16:15			n/a	n/a	n/a	n/a	4	1	0	5	1.25	5	3	2	10	9	9	15	69	68	136	14	69	68		136		14		
16:15 to 16:30			n/a	n/a	n/a	n/a	5	2	0	7	1.40	1	1	0	2	6	6	9	66	63	129	11	66	63		129		11		
16:30 to 16:45			n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	1	4	3	3	5	59	54	114	11	59	54		114		11		
16:45 to 17:00			n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	1	0	2	2	2	3	56	50	106	10	56	50		106		10		
17:00 to 17:15			n/a	n/a	n/a	n/a	0	0	1	1	0.00	1	0	0	1	1	1	2	68	61	129	8	68	61		129		8		
17:15 to 17:30			n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1	1	1	1	65	58	123	6	65	58		123		6		
17:30 to 17:45			n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	1	2	1	1	2	59	52	112	6	59	52		112		6		
17:45 to 18:00			n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	56	50	106	6	56	50		106		6		
18:00 to 18:15			n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	66	43	109	3	66	43		109		3		
18:15 to 18:30			n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	61	46	107	0	61	46		107		0		
18:30 to 18:45			n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	53	51	103	0	53	51		103		0		
18:45 to 19:00			n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	48	53	102	0	48	53		102		0		
TOTAL			n/a	n/a	n/a	n/a	116	86	35	237	1.80	89	83	47	219	248	456	2812	2668	5480										

¹ Umina Family Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.115 Site R1 Umina Family Practice, Umina Beach – Survey Results – Hourly data – rolling at 15 minute intervals – Friday 13/03/2015.

DATE	13 March 2015		Umina Family Practice - 297 West Street, Umina NSW 2257												Grand Total		Main Road Data		Grand Total - Main Road			
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine			IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	EB	WB	Vehicles			
TIME							Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total		
AM																						
7:00	to	8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	132	132	264			
7:15	to	8:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	147	154	301			
7:30	to	8:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	165	175	340			
7:45	to	8:45	n/a	n/a	n/a	n/a	2	4	1	7	3.00	1	1	1	3	10	186	195	381			
8:00	to	9:00	n/a	n/a	n/a	n/a	5	9	2	16	2.80	3	3	1	7	23	209	215	424			
8:15	to	9:15	n/a	n/a	n/a	n/a	7	13	3	23	2.86	3	5	3	11	34	221	238	459			
8:30	to	9:30	n/a	n/a	n/a	n/a	10	18	5	33	2.80	3	9	7	19	52	229	254	482			
8:45	to	9:45	n/a	n/a	n/a	n/a	11	18	5	34	2.64	2	10	8	20	54	229	254	484			
9:00	to	10:00	n/a	n/a	n/a	n/a	11	18	6	35	2.64	0	10	10	20	55	226	248	474			
9:15	to	10:15	n/a	n/a	n/a	n/a	14	21	7	42	2.50	0	14	14	28	70	229	218	447			
9:30	to	10:30	n/a	n/a	n/a	n/a	16	24	8	48	2.50	0	16	16	32	80	232	198	430			
9:45	to	10:45	n/a	n/a	n/a	n/a	16	25	8	49	2.56	0	18	17	35	84	235	198	433			
10:00	to	11:00	n/a	n/a	n/a	n/a	15	23	7	45	2.53	0	18	17	35	80	238	208	446			
10:15	to	11:15	n/a	n/a	n/a	n/a	14	18	7	39	2.29	3	14	11	28	67	240	242	482			
10:30	to	11:30	n/a	n/a	n/a	n/a	12	12	5	29	2.00	9	13	5	27	56	244	265	510			
10:45	to	11:45	n/a	n/a	n/a	n/a	15	10	7	32	1.67	14	13	2	29	61	252	269	520			
11:00	to	12:00	n/a	n/a	n/a	n/a	19	10	8	37	1.53	19	14	0	33	70	261	262	523			
11:15	to	12:15	n/a	n/a	n/a	n/a	17	9	7	33	1.53	21	15	0	36	69	269	236	504			
11:30	to	12:30	n/a	n/a	n/a	n/a	17	9	7	33	1.53	19	13	0	32	65	272	217	489			
11:45	to	12:45	n/a	n/a	n/a	n/a	13	7	4	24	1.54	16	11	0	27	51	265	213	478			
PM																						
12:00	to	13:00	n/a	n/a	n/a	n/a	12	6	4	22	1.50	12	9	0	21	43	254	217	471			
12:15	to	13:15	n/a	n/a	n/a	n/a	11	5	3	19	1.45	10	8	1	19	38	253	224	476			
12:30	to	13:30	n/a	n/a	n/a	n/a	8	3	2	13	1.38	7	6	1	14	27	250	229	479			
12:45	to	13:45	n/a	n/a	n/a	n/a	8	3	3	14	1.38	7	5	1	13	27	244	232	476			
13:00	to	14:00	n/a	n/a	n/a	n/a	6	3	2	11	1.50	9	6	2	17	28	237	234	471			
13:15	to	14:15	n/a	n/a	n/a	n/a	6	4	2	12	1.67	8	5	2	15	27	230	228	458			
13:30	to	14:30	n/a	n/a	n/a	n/a	8	5	3	16	1.63	11	6	4	21	37	229	226	455			
13:45	to	14:45	n/a	n/a	n/a	n/a	10	6	4	20	1.60	12	7	5	24	44	240	229	469			
14:00	to	15:00	n/a	n/a	n/a	n/a	11	6	5	22	1.55	12	6	5	23	45	258	235	493			
14:15	to	15:15	n/a	n/a	n/a	n/a	13	6	5	24	1.46	12	6	4	22	46	264	245	509			
14:30	to	15:30	n/a	n/a	n/a	n/a	27	10	4	41	1.37	15	8	5	28	69	269	255	523			
14:45	to	15:45	n/a	n/a	n/a	n/a	26	9	2	37	1.35	19	9	7	35	72	270	262	532			
15:00	to	16:00	n/a	n/a	n/a	n/a	26	8	0	34	1.31	22	11	8	41	75	270	268	538			
15:15	to	16:15	n/a	n/a	n/a	n/a	27	8	0	35	1.30	25	13	10	48	83	275	275	550			
15:30	to	16:30	n/a	n/a	n/a	n/a	16	5	0	21	1.31	19	10	7	36	57	274	275	549			
15:45	to	16:45	n/a	n/a	n/a	n/a	14	4	0	18	1.29	14	8	5	27	45	265	259	523			
16:00	to	17:00	n/a	n/a	n/a	n/a	11	3	0	14	1.27	9	6	3	18	32	250	235	485			
16:15	to	17:15	n/a	n/a	n/a	n/a	7	2	1	10	1.29	5	3	1	9	19	250	228	478			
16:30	to	17:30	n/a	n/a	n/a	n/a	2	0	1	3	1.00	5	2	1	8	11	249	223	473			
16:45	to	17:45	n/a	n/a	n/a	n/a	1	0	1	2	1.00	4	1	1	6	8	249	221	470			
17:00	to	18:00	n/a	n/a	n/a	n/a	0	0	1	1	0.00	3	0	1	4	5	249	221	470			
17:15	to	18:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	0	1	3	3	246	204	450			
17:30	to	18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	1	2	2	242	191	433			
17:45	to	18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	236	190	425			
18:00	to	19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	228	193	421			

¹ Umina Family Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.116 Site R1 Umina Family Practice, Umina Beach – Hourly data – Consecutive – Friday 13/03/2015.

DATE 13 March 2015	Umina Family Practice - 297 West Street, Umina NSW 2257													
1-hour Data														
WEATHER Fine	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)									
TIME	IN	OUT	Total	Occupancy	IN					OUT				
					Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	
AM														
7:00 to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	
8:00 to 9:00	n/a	n/a	n/a	n/a	5	9	2	16	2.80	3	3	1	7	
9:00 to 10:00	n/a	n/a	n/a	n/a	11	18	6	35	2.64	0	10	10	20	
10:00 to 11:00	n/a	n/a	n/a	n/a	15	23	7	45	2.53	0	18	17	35	
11:00 to 12:00	n/a	n/a	n/a	n/a	19	10	8	37	1.53	19	14	0	33	
PM														
12:00 to 13:00	n/a	n/a	n/a	n/a	12	6	4	22	1.50	12	9	0	21	
13:00 to 14:00	n/a	n/a	n/a	n/a	6	3	2	11	1.50	9	6	2	17	
14:00 to 15:00	n/a	n/a	n/a	n/a	11	6	5	22	1.55	12	6	5	23	
15:00 to 16:00	n/a	n/a	n/a	n/a	26	8	0	34	1.31	22	11	8	41	
16:00 to 17:00	n/a	n/a	n/a	n/a	11	3	0	14	1.27	9	6	3	18	
17:00 to 18:00	n/a	n/a	n/a	n/a	0	0	1	1	0.00	3	0	1	4	
18:00 to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	
Total	n/a	n/a	n/a	n/a	116	86	35	237	1.74	89	83	47	219	

Grand Total
1-hour Data
Vehicles ⁴
0
8
28
41
38
24
15
23
48
20
3
0
248

Persons
0
23
55
80
70
43
28
45
75
32
5
0
456

Main Road Data ⁵
1-hour Data
EB
132
209
226
238
261
254
237
258
270
250
249
228
2812

WB
132
215
248
208
262
217
234
235
268
235
221
193
2668

Grand Total - Main Road
1-hour Data
Vehicles
264
424
474
446
523
471
471
493
538
485
470
421
5480

Table 3.117 Site R1 Umina Family Practice, Umina Beach – Travel mode – Friday 13/03/2015.

DATE 13 March 2015	Umina Family Practice - 297 West Street, Umina NSW 2257													
Average group size (people)	Average duration of stay (hrs)	Travel Mode												
			Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other	
1.36	0:37	IN	Total	9	5	0	1	2	0	0	0	2	0	
			%	47.4	26.3	0.0	5.3	10.5	0.0	0.0	0.0	10.5	0.0	
		OUT	Total	9	5	0	1	2	0	0	0	2	0	
			%	47.4	26.3	0.0	5.3	10.5	0.0	0.0	0.0	10.5	0.0	

¹ Umina Family Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.53 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were provided by Gosford Council.

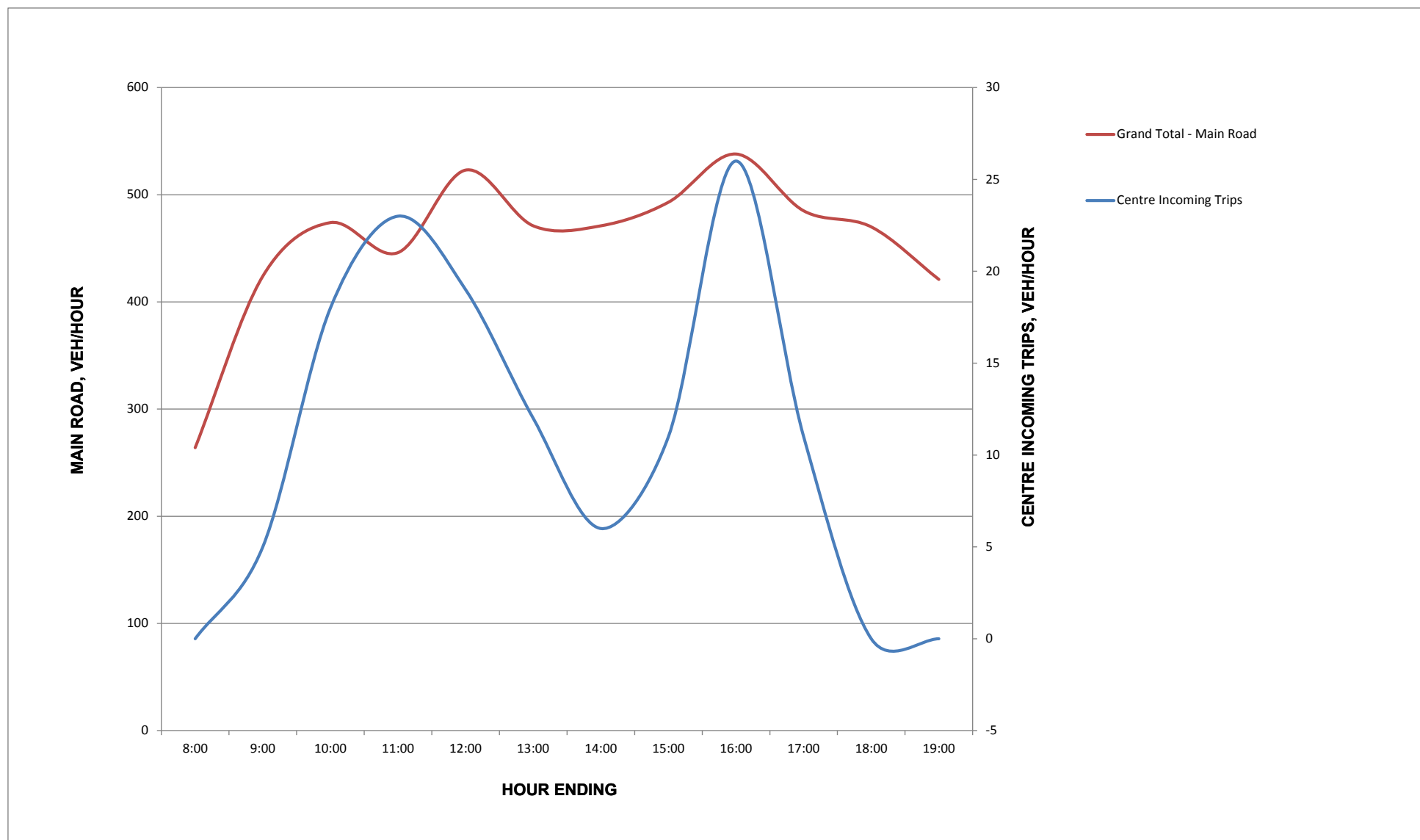


Figure 3.31 Site R1 Umina Family Practice, Umina Beach – Hourly trip distribution – Vehicles – Friday 13/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.32 Site R1 Umina Family Practice, Umina Beach NSW 2257– Saturday 14/03/2015

Table 3.118 Site R1 Umina Family Practice, Umina Beach – Survey Results – 15-minute interval data – Saturday 14/03/2015.

DATE		14 March 2015		Umina Family Practice - 297 West Street, Umina NSW 2257											Grand Total		Main Road Data		Grand Total - Main Road		Parking Demand ⁴			
15 minute Data																								
WEATHER		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)											15 minute Data		15 minute Data		15 minute Data		15 minute Data	
TIME		IN	OUT	Total	Occupancy	IN					OUT					Vehicles ³	Persons	EB	WB	Vehicles	On street			
AM						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total										
7:00	to 7:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			19	17	36	0				
7:15	to 7:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			22	19	41	0				
7:30	to 7:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			27	25	52	2				
7:45	to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			29	28	57	4				
8:00	to 8:15	n/a	n/a	n/a	n/a	3	0	1	4	1.00	0	0	0	0			30	31	60	8				
8:15	to 8:30	n/a	n/a	n/a	n/a	5	0	2	7	1.00	0	0	1	1			33	34	68	12				
8:30	to 8:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			41	42	83	11				
8:45	to 9:00	n/a	n/a	n/a	n/a	3	0	1	4	1.00	0	0	3	3			44	46	90	10				
9:00	to 9:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	3	1	0	4			43	42	84	9				
9:15	to 9:30	n/a	n/a	n/a	n/a	2	2	0	4	2.00	3	1	0	4			50	47	97	7				
9:30	to 9:45	n/a	n/a	n/a	n/a	4	3	0	7	1.75	4	2	0	6			64	57	121	7				
9:45	to 10:00	n/a	n/a	n/a	n/a	2	1	0	3	1.50	6	3	0	9			71	63	134	7				
10:00	to 10:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1			67	63	130	7				
10:15	to 10:30	n/a	n/a	n/a	n/a	4	2	0	6	1.50	2	1	0	3			68	65	134	8				
10:30	to 10:45	n/a	n/a	n/a	n/a	4	2	0	6	1.50	6	2	0	8			72	68	140	6				
10:45	to 11:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	3	1	0	4			74	70	144	5				
11:00	to 11:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1			68	65	132	6				
11:15	to 11:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			69	66	136	6				
11:30	to 11:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			73	70	143	6				
11:45	to 12:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			75	71	146	5				
TOTAL		n/a	n/a	n/a	n/a	30	12	4	46	1.48	29	11	4	44	59	90	1038	990	2028					

¹ Umina Family Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.119 Site R1 Umina Family Practice, Umina Beach – Survey Results – Hourly data – rolling at 15 minute intervals – Saturday 14/03/2015.

DATE		Umina Family Practice - 297 West Street, Umina NSW 2257														Grand Total		Main Road Data		Grand Total - Main Road
14 March 2015																				
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data
WEATHER Fine						IN					OUT									
TIME		IN	OUT	Total	Occupancy	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	EB	WB	Vehicles	
AM																				
7:00	to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	97	89	186
7:15	to 8:15	n/a	n/a	n/a	n/a	3	0	1	4	1.00	0	0	0	0	3	4	107	103	210	
7:30	to 8:30	n/a	n/a	n/a	n/a	8	0	3	11	1.00	0	0	1	1	8	12	119	118	237	
7:45	to 8:45	n/a	n/a	n/a	n/a	8	0	3	11	1.00	0	0	1	1	8	12	133	135	268	
8:00	to 9:00	n/a	n/a	n/a	n/a	11	0	4	15	1.00	0	0	4	4	11	19	148	153	301	
8:15	to 9:15	n/a	n/a	n/a	n/a	10	1	3	14	1.10	3	1	4	8	13	22	161	164	325	
8:30	to 9:30	n/a	n/a	n/a	n/a	7	3	1	11	1.43	6	2	3	11	13	22	177	177	354	
8:45	to 9:45	n/a	n/a	n/a	n/a	11	6	1	18	1.55	10	4	3	17	21	35	200	192	393	
9:00	to 10:00	n/a	n/a	n/a	n/a	10	7	0	17	1.70	16	7	0	23	26	40	227	209	436	
9:15	to 10:15	n/a	n/a	n/a	n/a	8	6	0	14	1.75	14	6	0	20	22	34	251	231	482	
9:30	to 10:30	n/a	n/a	n/a	n/a	10	6	0	16	1.60	13	6	0	19	23	35	270	249	519	
9:45	to 10:45	n/a	n/a	n/a	n/a	10	5	0	15	1.50	15	6	0	21	25	36	278	260	538	
10:00	to 11:00	n/a	n/a	n/a	n/a	9	5	0	14	1.56	12	4	0	16	21	30	281	267	548	
10:15	to 11:15	n/a	n/a	n/a	n/a	9	5	0	14	1.56	12	4	0	16	21	30	282	268	550	
10:30	to 11:30	n/a	n/a	n/a	n/a	5	3	0	8	1.60	10	3	0	13	15	21	283	269	552	
10:45	to 11:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	4	1	0	5	5	7	284	271	555	
11:00	to 12:00	n/a	n/a	n/a	n/a	0	2	0	0	0.00	1	0	0	1	1	1	285	272	557	
11:15	to 12:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	217	207	425	
11:30	to 12:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	148	141	289	
11:45	to 12:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	75	71	146	

¹ Umina Family Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.120 Site R1 Umina Family Practice, Umina Beach – Hourly data – Consecutive – Saturday 14/03/2015.

DATE	14 March 2015	Umina Family Practice - 297 West Street, Umina NSW 2257													Grand Total		Main Road Data ⁵		Grand Total - Main Road
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)									1-hour Data		1-hour Data		1-hour Data
WEATHER Fine						IN					OUT								
TIME		IN	OUT	Total	Occupancy	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	EB	WB	Vehicles
AM																			
7:00	to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	3	0	97	89	186
8:00	to 9:00	n/a	n/a	n/a	n/a	11	0	4	15	1.00	0	0	4	4	13	19	148	153	301
9:00	to 10:00	n/a	n/a	n/a	n/a	10	7	n/a	17	1.70	16	7	0	23	22	40	227	209	436
10:00	to 11:00	n/a	n/a	n/a	n/a	9	5	0	14	1.56	12	4	0	16	21	30	281	267	548
11:00	to 12:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1	0	1	285	272	557
Total		n/a	n/a	n/a	n/a	30	12	4	46	1.40	29	11	4	44	59	90	1038	990	2028

Table 3.121 Site R1 Umina Family Practice, Umina Beach – Travel mode – Saturday 14/03/2015.

DATE	14 March 2015	Umina Family Practice - 297 West Street, Umina NSW 2257											
Average group size (people)	Average duration of stay (hrs)	Travel Mode											
			Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.25	0:35	IN	Total	7	2	0	0	1	0	0	0	0	0
			%	70.0	20.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
		OUT	Total	7	2	0	0	1	0	0	0	0	0
			%	70.0	20.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0

¹ Umina Family Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.54 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were provided by Gosford Council.

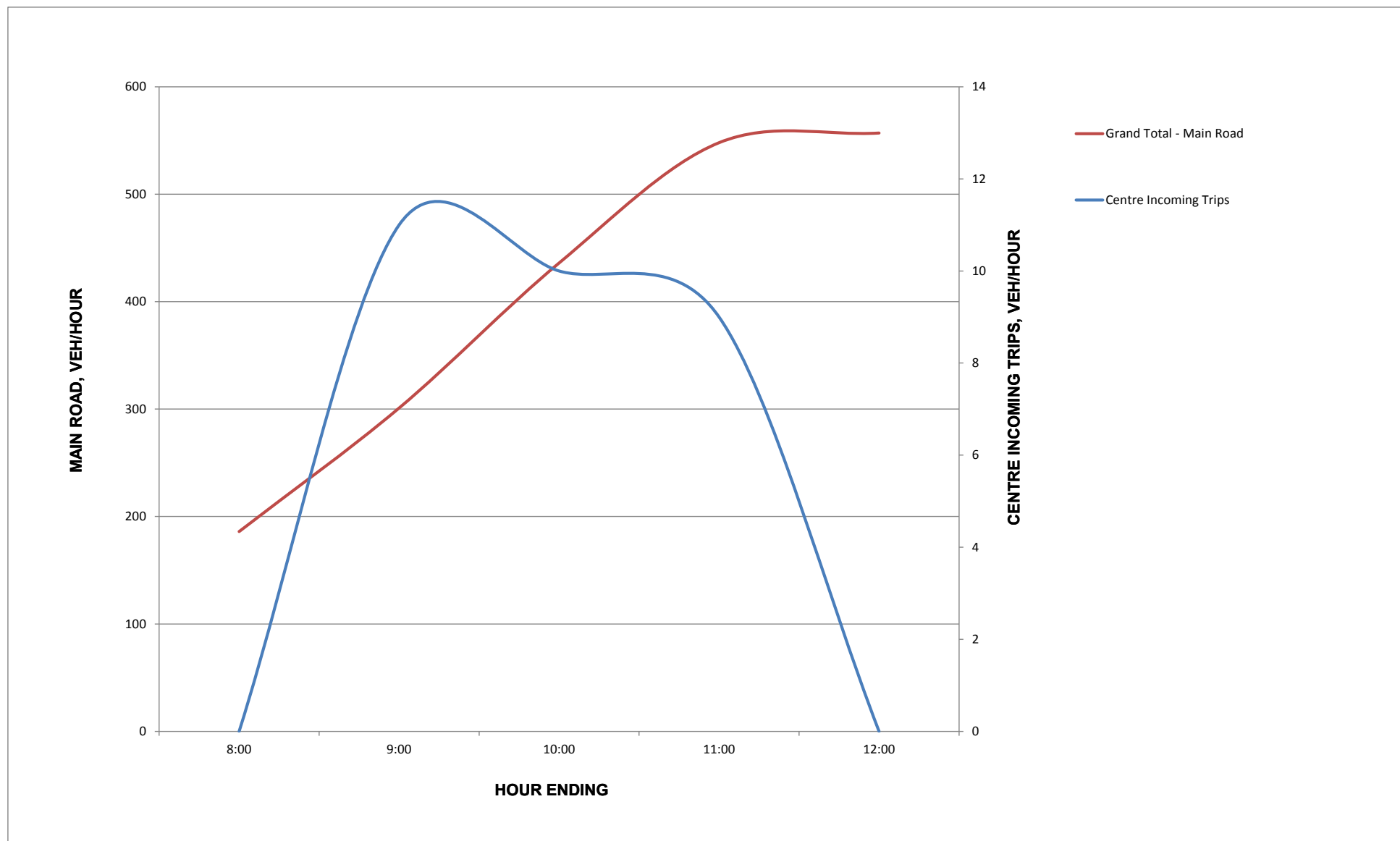


Figure 3.32 Site R1 Umina Family Practice, Umina Beach – Hourly trip distribution – Vehicles – Saturday 14/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.33 Site R2 Broadmeadow Medical Centre, Broadmeadow NSW 2292 – Sunday 15/03/2015

Table 3.122 Site R2 Broadmeadow Medical Centre, Broadmeadow – Survey Results – 15-minute interval data – Sunday 15/03/2015.

DATE	15 March 2015		Broadmeadow Medical Centre - 154 Lambton Road, Broadmeadow NSW 2292													Grand Total		Main Road Data		Grand Total - Main Road		Parking Demand ⁴			
15 minute Data																				15 minute Data		15 minute Data		15 minute Data	
WEATHER			Fine				Persons (observed and interviewed at the medical centre)																		
TIME							IN					OUT													
			IN	OUT	Total	Occupancy	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	EB	WB	Vehicles	On street				
AM																									
7:00	to	7:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	158	112	270	0				
7:15	to	7:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	156	177	333	0				
7:30	to	7:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	297	229	526	0				
7:45	to	8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	376	210	586	2				
8:00	to	8:15	n/a	n/a	n/a	n/a	2	0	0	2	1.00	0	0	0	0	2	2	451	234	685	9				
8:15	to	8:30	n/a	n/a	n/a	n/a	5	1	0	6	1.20	0	0	0	0	5	6	248	242	490	16				
8:30	to	8:45	n/a	n/a	n/a	n/a	3	1	0	4	1.33	3	2	0	5	6	9	436	220	656	17				
8:45	to	9:00	n/a	n/a	n/a	n/a	4	1	0	5	1.25	1	1	0	2	5	7	251	256	507	18				
9:00	to	9:15	n/a	n/a	n/a	n/a	4	2	0	6	1.50	3	1	0	4	7	10	347	222	569	17				
9:15	to	9:30	n/a	n/a	n/a	n/a	7	4	0	11	1.57	5	3	0	8	14	19	344	207	551	17				
9:30	to	9:45	n/a	n/a	n/a	n/a	9	6	0	15	1.67	6	3	0	9	18	24	311	210	521	18				
9:45	to	10:00	n/a	n/a	n/a	n/a	9	6	0	15	1.67	11	6	0	17	24	32	254	190	444	18				
10:00	to	10:15	n/a	n/a	n/a	n/a	7	5	0	12	1.71	5	3	0	8	14	20	263	215	478	18				
10:15	to	10:30	n/a	n/a	n/a	n/a	5	4	0	9	1.80	6	4	0	10	14	19	259	194	453	17				
10:30	to	10:45	n/a	n/a	n/a	n/a	7	4	0	11	1.57	6	4	0	10	16	21	234	232	466	18				
10:45	to	11:00	n/a	n/a	n/a	n/a	6	4	0	10	1.67	6	3	0	9	14	19	254	236	490	19				
11:00	to	11:15	n/a	n/a	n/a	n/a	6	2	0	8	1.33	8	4	0	12	16	20	259	212	471	18				
11:15	to	11:30	n/a	n/a	n/a	n/a	5	2	0	7	1.40	3	1	0	4	9	11	253	246	499	16				
11:30	to	11:45	n/a	n/a	n/a	n/a	5	2	0	7	1.40	6	3	0	9	13	16	280	248	528	16				
11:45	to	12:00	n/a	n/a	n/a	n/a	5	2	0	7	1.40	7	3	0	10	14	17	300	241	541	16				
PM																									
12:00	to	12:15	n/a	n/a	n/a	n/a	7	2	0	9	1.29	8	3	0	11	16	20	253	238	491	15				
12:15	to	12:30	n/a	n/a	n/a	n/a	9	3	0	12	1.33	7	3	0	10	19	22	244	247	491	15				
12:30	to	12:45	n/a	n/a	n/a	n/a	2	1	0	3	1.50	4	2	0	6	8	9	255	236	491	13				
12:45	to	13:00	n/a	n/a	n/a	n/a	2	1	0	3	1.50	5	2	0	7	8	10	260	262	522	12				
13:00	to	13:15	n/a	n/a	n/a	n/a	3	1	0	4	1.33	5	0	0	5	8	9	258	307	565	14				
13:15	to	13:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	3	0	0	3	4	4	282	230	512	16				
13:30	to	13:45	n/a	n/a	n/a	n/a	3	1	0	4	1.33	3	0	0	3	6	7	237	237	474	16				
13:45	to	14:00	n/a	n/a	n/a	n/a	6	1	0	7	1.17	2	0	0	2	8	9	295	225	520	17				
14:00	to	14:15	n/a	n/a	n/a	n/a	5	1	0	6	1.20	5	0	0	5	10	11	260	242	502	19				
14:15	to	14:30	n/a	n/a	n/a	n/a	8	2	0	10	1.25	3	0	0	3	11	13	255	258	513	20				
14:30	to	14:45	n/a	n/a	n/a	n/a	4	1	0	5	1.25	4	0	0	4	8	9	246	269	515	20				
14:45	to	15:00	n/a	n/a	n/a	n/a	4	1	0	5	1.25	7	0	0	7	11	12	276	289	565	20				
15:00	to	15:15	n/a	n/a	n/a	n/a	6	1	0	7	1.17	2	0	1	3	8	10	272	320	592	20				
15:15	to	15:30	n/a	n/a	n/a	n/a	7	1	1	9	1.14	1	0	1	2	8	11	308	396	704	20				
15:30	to	15:45	n/a	n/a	n/a	n/a	6	1	0	7	1.17	12	2	2	16	18	23	275	337	612	22				
15:45	to	16:00	n/a	n/a	n/a	n/a	9	1	1	11	1.11	7	1	1	9	16	20	321	321	642	23				
16:00	to	16:15	n/a	n/a	n/a	n/a	4	0	1	5	1.00	9	2	1	12	13	17	310	356	666	21				
16:15	to	16:30	n/a	n/a	n/a	n/a	3	0	1	4	1.00	1	0	1	2	4	6	324	374	698	19				
16:30	to	16:45	n/a	n/a	n/a	n/a	6	1	0	7	1.17	7	1	1	9	13	16	309	404	713	13				
16:45	to	17:00	n/a	n/a	n/a	n/a	6	1	0	7	1.17	5	1	1	7	11	14	325	346	671	7				
17:00	to	17:15	n/a	n/a	n/a	n/a	0	0	6	6	0.00	5	0	2	7	5	13	293	504	797	6				
17:15	to	17:30	n/a	n/a	n/a	n/a	0	0	3	3	0.00	3	0	2	5	3	8	363	440	803	5				
17:30	to	17:45	n/a	n/a	n/a	n/a	0	0	4	4	0.00	3	0	1	4	3	8	344	427	771	3				
17:45	to	18:00	n/a	n/a	n/a	n/a	0	0	4	4	0.00	2	0	1	3	2	7	302	303	605	0				
18:00	to	18:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	275	270	545	0				
18:15	to	18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	281	249	530	0				
18:30	to	18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	17	14	31	0				
18:45	to	19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0			
TOTAL			n/a	n/a	n/a	n/a	190	67	21	278	1.33	189	58	15	262	412	540	13171	12434	25605					

¹ Broadmeadow Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.123 Site R2 Broadmeadow Medical Centre, Broadmeadow – Survey Results – Hourly data – rolling at 15 minute intervals – Sunday 15/03/2015.

DATE		15 March 2015													Grand Total		Main Road Data		Grand Total - Main Road		
1-hour Data		Broadmeadow Medical Centre - 154 Lambton Road, Broadmeadow NSW 2292													1-hour Data		1-hour Data		1-hour Data		
WEATHER Fine		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
TIME		IN	OUT	Total	Occupancy	IN					OUT					Vehicles ³	Persons	EB	WB	Vehicles	
						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total							
AM																					
7:00	to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			987	728	1715		
7:15	to 8:15	n/a	n/a	n/a	n/a	2	0	0	2	1.00	0	0	0	0			1280	850	2130		
7:30	to 8:30	n/a	n/a	n/a	n/a	7	1	0	8	1.14	0	0	0	0			1372	915	2287		
7:45	to 8:45	n/a	n/a	n/a	n/a	10	2	0	12	1.20	3	2	0	5			1511	906	2417		
8:00	to 9:00	n/a	n/a	n/a	n/a	14	3	0	17	1.21	4	3	0	7			1386	952	2338		
8:15	to 9:15	n/a	n/a	n/a	n/a	16	5	0	21	1.31	7	4	0	11			1282	940	2222		
8:30	to 9:30	n/a	n/a	n/a	n/a	18	8	0	26	1.44	12	7	0	19			1378	905	2283		
8:45	to 9:45	n/a	n/a	n/a	n/a	24	13	0	37	1.54	15	8	0	23			1253	895	2148		
9:00	to 10:00	n/a	n/a	n/a	n/a	29	18	0	47	1.62	25	13	0	38			1256	829	2085		
9:15	to 10:15	n/a	n/a	n/a	n/a	32	21	0	53	1.66	27	15	0	42			1172	822	1994		
9:30	to 10:30	n/a	n/a	n/a	n/a	30	21	0	51	1.70	28	16	0	44			1087	809	1896		
9:45	to 10:45	n/a	n/a	n/a	n/a	28	19	0	47	1.68	28	17	0	45			1010	831	1841		
10:00	to 11:00	n/a	n/a	n/a	n/a	25	17	0	42	1.68	23	14	0	37			1010	877	1887		
10:15	to 11:15	n/a	n/a	n/a	n/a	24	14	0	38	1.58	26	15	0	41			1006	874	1880		
10:30	to 11:30	n/a	n/a	n/a	n/a	24	12	0	36	1.50	23	12	0	35			1000	926	1926		
10:45	to 11:45	n/a	n/a	n/a	n/a	22	10	0	32	1.45	23	11	0	34			1046	942	1988		
11:00	to 12:00	n/a	n/a	n/a	n/a	21	8	0	29	1.38	24	11	0	35			1092	947	2039		
11:15	to 12:15	n/a	n/a	n/a	n/a	22	8	0	30	1.36	24	10	0	34			1086	973	2059		
11:30	to 12:30	n/a	n/a	n/a	n/a	26	9	0	35	1.35	28	12	0	40			1077	974	2051		
11:45	to 12:45	n/a	n/a	n/a	n/a	23	8	0	31	1.35	26	11	0	37			1052	962	2014		
PM																					
12:00	to 13:00	n/a	n/a	n/a	n/a	20	7	0	27	1.35	24	10	0	34			1012	983	1995		
12:15	to 13:15	n/a	n/a	n/a	n/a	16	6	0	22	1.38	21	7	0	28			1017	1052	2069		
12:30	to 13:30	n/a	n/a	n/a	n/a	8	3	0	11	1.38	17	4	0	21			1055	1035	2090		
12:45	to 13:45	n/a	n/a	n/a	n/a	9	3	0	12	1.33	16	2	0	18			1037	1036	2073		
13:00	to 14:00	n/a	n/a	n/a	n/a	13	3	0	16	1.23	13	0	0	13			1072	999	2071		
13:15	to 14:15	n/a	n/a	n/a	n/a	15	3	0	18	1.20	13	0	0	13			1074	934	2008		
13:30	to 14:30	n/a	n/a	n/a	n/a	22	5	0	27	1.23	13	0	0	13			1047	962	2009		
13:45	to 14:45	n/a	n/a	n/a	n/a	23	5	0	28	1.22	14	0	0	14			1056	994	2050		
14:00	to 15:00	n/a	n/a	n/a	n/a	21	5	0	26	1.24	19	0	0	19			1037	1058	2095		
14:15	to 15:15	n/a	n/a	n/a	n/a	22	5	0	27	1.23	16	0	1	17			1049	1136	2185		
14:30	to 15:30	n/a	n/a	n/a	n/a	21	4	1	26	1.19	14	0	2	16			1102	1274	2376		
14:45	to 15:45	n/a	n/a	n/a	n/a	23	4	1	28	1.17	22	2	4	28			1131	1342	2473		
15:00	to 16:00	n/a	n/a	n/a	n/a	28	4	2	34	1.14	22	3	5	30			1176	1374	2550		
15:15	to 16:15	n/a	n/a	n/a	n/a	26	3	3	32	1.12	29	5	5	39			1214	1410	2624		
15:30	to 16:30	n/a	n/a	n/a	n/a	22	2	3	27	1.09	29	5	5	39			1230	1388	2618		
15:45	to 16:45	n/a	n/a	n/a	n/a	22	2	3	27	1.09	24	4	4	32			1264	1455	2719		
16:00	to 17:00	n/a	n/a	n/a	n/a	19	2	2	23	1.11	22	4	4	30			1268	1480	2748		
16:15	to 17:15	n/a	n/a	n/a	n/a	15	2	7	24	1.13	18	2	5	25			1251	1628	2879		
16:30	to 17:30	n/a	n/a	n/a	n/a	12	2	9	23	1.17	20	2	6	28			1290	1694	2984		
16:45	to 17:45	n/a	n/a	n/a	n/a	6	1	13	20	1.17	16	1	6	23			1325	1717	3042		
17:00	to 18:00	n/a	n/a	n/a	n/a	0	0	17	17	0.00	13	0	6	19			1302	1674	2976		
17:15	to 18:15	n/a	n/a	n/a	n/a	0	0	11	11	0.00	8	0	4	12			1284	1440	2724		
17:30	to 18:30	n/a	n/a	n/a	n/a	0	0	8	8	0.00	5	0	2	7			1202	1249	2451		
17:45	to 18:45	n/a	n/a	n/a	n/a	0	0	4	4	0.00	2	0	1	3			875	836	1711		
18:00	to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			573	533	1106		

¹ Broadmeadow Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.124 Site R2 Broadmeadow Medical Centre, Broadmeadow – Hourly data – Consecutive – Sunday 15/03/2015.

DATE 15 March 2015	Broadmeadow Medical Centre - 154 Lambton Road, Broadmeadow NSW 2292													
1-hour Data														
WEATHER Fine	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)									
TIME	IN	OUT	Total	Occupancy	IN					OUT				
					Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	
AM														
7:00 to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	
8:00 to 9:00	n/a	n/a	n/a	n/a	14	3	0	17	1.21	4	3	0	7	
9:00 to 10:00	n/a	n/a	n/a	n/a	29	18	0	47	1.62	25	13	0	38	
10:00 to 11:00	n/a	n/a	n/a	n/a	25	17	0	42	1.68	23	14	0	37	
11:00 to 12:00	n/a	n/a	n/a	n/a	21	8	0	29	1.38	24	11	0	35	
PM														
12:00 to 13:00	n/a	n/a	n/a	n/a	20	7	0	27	1.35	24	10	0	34	
13:00 to 14:00	n/a	n/a	n/a	n/a	13	3	0	16	1.23	13	0	0	13	
14:00 to 15:00	n/a	n/a	n/a	n/a	21	5	0	26	1.24	19	0	0	19	
15:00 to 16:00	n/a	n/a	n/a	n/a	28	4	2	34	1.14	22	3	5	30	
16:00 to 17:00	n/a	n/a	n/a	n/a	19	2	2	23	1.11	22	4	4	30	
17:00 to 18:00	n/a	n/a	n/a	n/a	0	0	17	17	0.00	13	0	6	19	
18:00 to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	
Total	n/a	n/a	n/a	n/a	190	67	21	278	1.35	189	58	15	262	

Grand Total	1-hour Data	
Vehicles ⁴	Persons	
0	0	
18	24	
63	85	
58	79	
52	64	
51	61	
26	29	
40	45	
50	64	
41	53	
13	36	
0	0	
412	540	

Main Road Data ⁵	1-hour Data	
EB	WB	
987	728	
1386	952	
1256	829	
1010	877	
1092	947	
1012	983	
1072	999	
1037	1058	
1176	1374	
1268	1480	
1302	1674	
573	533	
13171	12434	

Grand Total - Main Road	1-hour Data	
Vehicles		
1715		
2338		
2085		
1887		
2039		
1995		
2071		
2095		
2550		
2748		
2976		
1106		
25605		

Table 3.125 Site R2 Broadmeadow Medical Centre, Broadmeadow – Travel mode – Sunday 15/03/2015.

DATE 15 March 2015		Broadmeadow Medical Centre - 154 Lambton Road, Broadmeadow NSW 2292												
Average group size (people)	Average duration of stay (hrs)			Travel Mode										
				Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.24	0:37	IN	Total	43	12	2	2	1	0	0	0	2	0	0
			%	69.4	19.4	3.2	3.2	1.6	0.0	0.0	0.0	3.2	0.0	0.0
		OUT	Total	43	12	2	2	1	0	0	0	2	0	0
			%	69.4	19.4	3.2	3.2	1.6	0.0	0.0	0.0	3.2	0.0	0.0

¹ Broadmeadow Medical Centre does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.55 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

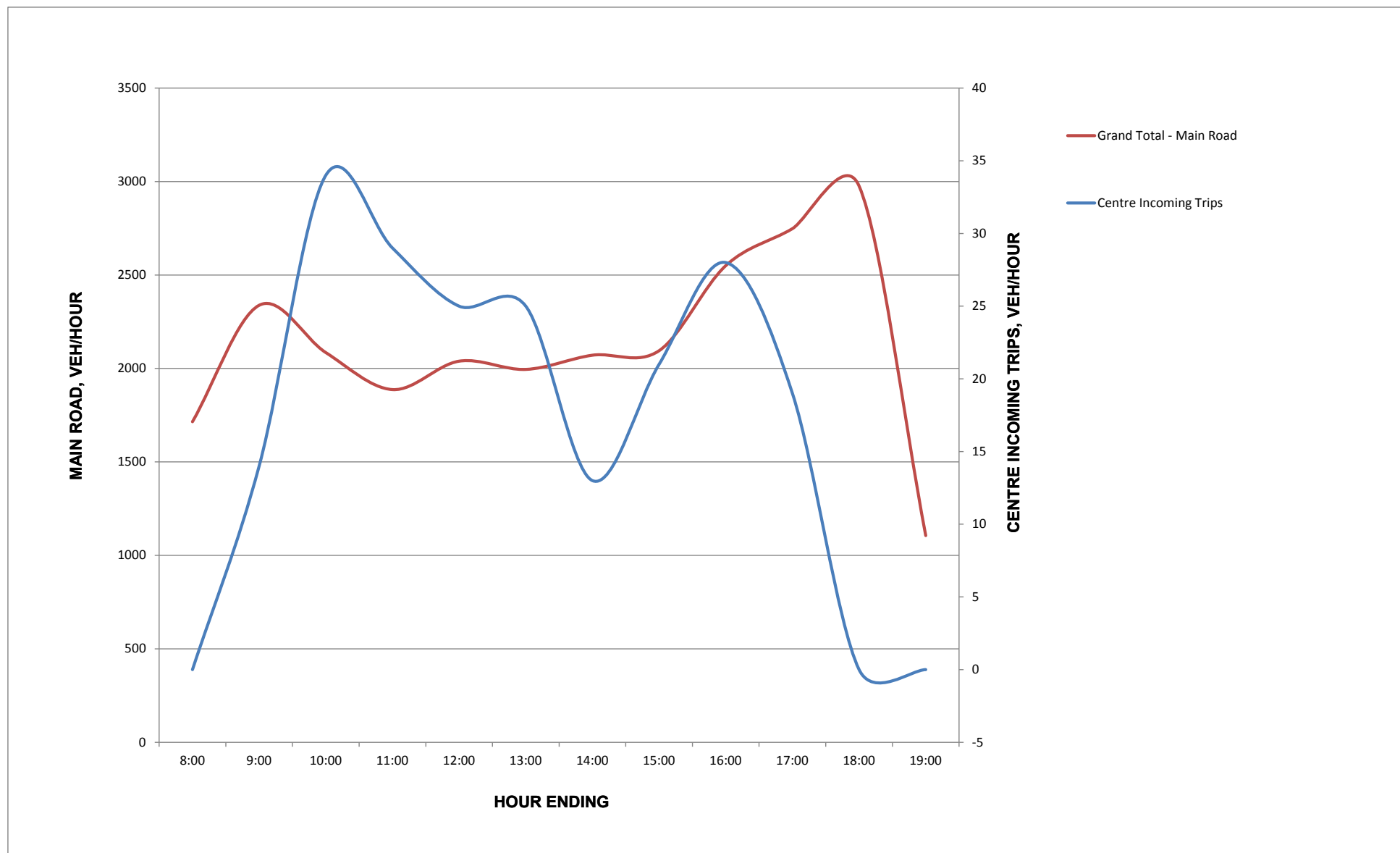


Figure 3.33 Site R2 Broadmeadow Medical Centre, Broadmeadow – Hourly trip distribution – Vehicles – Sunday 15/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.34 Site R3 Cardiff Medical Centre & Skin Cancer Clinic, Cardiff NSW 2285 – Friday 20/03/2015

Table 3.126 Site R3 Cardiff Medical Centre & Skin Cancer Clinic, Cardiff – Survey Results – 15-minute interval data – Friday 20/03/2015.

DATE	20 March 2015		Cardiff Medical Centre & Skin Cancer Clinic - 321 Main Road, Cardiff NSW 2285												Grand Total		Main Road Data		Grand Total - Main Road		Parking Demand ⁴	
15 minute Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								15 minute Data		15 minute Data		15 minute Data			
WEATHER Fine							IN				OUT											
TIME			IN	OUT	Total	Occupancy	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	EB	WB	Vehicles	On street	
AM																						
8:00	to	8:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			27	31	58	6	
8:15	to	8:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			43	51	94	5	
8:30	to	8:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	3	1	0	4			29	34	63	5	
8:45	to	9:00	n/a	n/a	n/a	n/a	6	2	0	8	1.33	1	0	0	1			57	85	142	7	
9:00	to	9:15	n/a	n/a	n/a	n/a	4	2	0	6	1.50	2	1	0	3			66	91	157	6	
9:15	to	9:30	n/a	n/a	n/a	n/a	3	1	1	5	1.33	2	1	0	3			45	61	106	8	
9:30	to	9:45	n/a	n/a	n/a	n/a	3	1	1	5	1.33	3	1	1	5			69	74	143	4	
9:45	to	10:00	n/a	n/a	n/a	n/a	3	1	1	5	1.33	1	1	0	2			45	52	97	9	
10:00	to	10:15	n/a	n/a	n/a	n/a	3	1	0	4	1.33	2	1	0	3			39	47	86	9	
10:15	to	10:30	n/a	n/a	n/a	n/a	3	1	1	5	1.33	2	1	0	3			72	55	127	10	
10:30	to	10:45	n/a	n/a	n/a	n/a	3	1	1	5	1.33	2	1	0	3			49	45	94	9	
10:45	to	11:00	n/a	n/a	n/a	n/a	3	1	0	4	1.33	2	1	0	3			46	59	105	10	
11:00	to	11:15	n/a	n/a	n/a	n/a	3	1	0	4	1.33	5	2	0	7	8	11	43	62	105	10	
11:15	to	11:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1	2		44	46	90	9	
11:30	to	11:45	n/a	n/a	n/a	n/a	2	0	0	2	1.00	1	0	1	2	3	4	60	65	125	10	
11:45	to	12:00	n/a	n/a	n/a	n/a	2	0	0	2	1.00	1	0	0	1	3	3	51	57	108	10	
PM																						
12:00	to	12:15	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	0	3			51	68	119	9	
12:15	to	12:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	0	1	2			56	53	109	8	
12:30	to	12:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	0	1	2			66	72	138	8	
12:45	to	13:00	n/a	n/a	n/a	n/a	3	1	0	4	1.33	1	0	1	2			60	59	119	8	
13:00	to	13:15	n/a	n/a	n/a	n/a	2	0	1	3	1.00	2	0	0	2			43	49	92	9	
13:15	to	13:30	n/a	n/a	n/a	n/a	5	1	1	7	1.20	3	0	0	3	8	10	32	52	84	9	
13:30	to	13:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	0	0	2	3	3	59	56	115	8	
13:45	to	14:00	n/a	n/a	n/a	n/a	2	0	0	2	1.00	5	1	0	6	7	8	63	65	128	6	
14:00	to	14:15	n/a	n/a	n/a	n/a	3	0	1	4	1.00	2	0	0	2	5	6	43	63	106	6	
14:15	to	14:30	n/a	n/a	n/a	n/a	5	1	0	6	1.20	3	0	0	3	8	9	71	54	125	7	
14:30	to	14:45	n/a	n/a	n/a	n/a	2	0	1	3	1.00	6	1	0	7	8	10	73	88	161	7	
14:45	to	15:00	n/a	n/a	n/a	n/a	2	0	1	3	1.00	4	1	0	5	6	8	76	62	138	7	
15:00	to	15:15	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	1	1	3	2	5	44	67	111	7	
15:15	to	15:30	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	1	1	3	2	5	62	56	118	6	
15:30	to	15:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	0	0	0	0	1	2	74	97	171	7	
15:45	to	16:00	n/a	n/a	n/a	n/a	3	4	0	7	2.33	2	2	0	4	5	11	69	83	152	7	
16:00	to	16:15	n/a	n/a	n/a	n/a	3	3	0	6	2.00	2	2	1	5	5	11	76	82	158	6	
16:15	to	16:30	n/a	n/a	n/a	n/a	1	2	0	3	3.00	1	1	0	2	2	5	66	74	140	6	
16:30	to	16:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	2	1	5	2	5	90	81	171	4	
16:45	to	17:00	n/a	n/a	n/a	n/a	0	1	0	1	0.00	1	1	0	2	1	3	79	66	145	3	
17:00	to	17:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	86	62	148	3	
17:15	to	17:30	n/a	n/a	n/a	n/a	0	0	1	1	0.00	1	1	0	2	1	3	84	73	157	3	
17:30	to	17:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	64	67	131	1	
17:45	to	18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	86	65	151	0	
18:00	to	18:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	7	1	8	0	
TOTAL			n/a	n/a	n/a	n/a	76	28	11	115	1.39	71	26	10	107	147	222	2365	2530	4895		

¹ Cardiff Medical Centre & Skin Cancer Clinic does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.127 Site R3 Cardiff Medical Centre & Skin Cancer Clinic, Cardiff – Survey Results – Hourly data – rolling at 15 minute intervals – Friday 20/03/2015.

DATE	20 March 2015	Cardiff Medical Centre & Skin Cancer Clinic - 321 Main Road, Cardiff NSW 2285														Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine		IN	OUT	Total	Occupancy	IN					OUT					Vehicles ³	Persons	EB	WB	Vehicles	
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total							
AM																					
7:15	to 8:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	27	31	58		
7:30	to 8:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	70	82	152		
7:45	to 8:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	3	1	0	4	3	4	99	116	215		
8:00	to 9:00	n/a	n/a	n/a	n/a	6	2	0	8	1.33	4	1	0	5	10	13	156	201	357		
8:15	to 9:15	n/a	n/a	n/a	n/a	10	4	0	14	1.40	6	2	0	8	16	22	195	261	456		
8:30	to 9:30	n/a	n/a	n/a	n/a	13	5	1	19	1.38	8	3	0	11	21	30	197	271	468		
8:45	to 9:45	n/a	n/a	n/a	n/a	16	6	2	24	1.38	8	3	1	12	24	36	237	311	548		
9:00	to 10:00	n/a	n/a	n/a	n/a	13	5	3	21	1.38	8	4	1	13	21	34	225	278	503		
9:15	to 10:15	n/a	n/a	n/a	n/a	12	4	3	19	1.33	8	4	1	13	20	32	198	234	432		
9:30	to 10:30	n/a	n/a	n/a	n/a	12	4	3	19	1.33	8	4	1	13	20	32	225	228	453		
9:45	to 10:45	n/a	n/a	n/a	n/a	12	4	3	19	1.33	7	4	0	11	19	30	205	199	404		
10:00	to 11:00	n/a	n/a	n/a	n/a	12	4	2	18	1.33	8	4	0	12	20	30	206	206	412		
10:15	to 11:15	n/a	n/a	n/a	n/a	12	4	2	18	1.33	11	5	0	16	23	34	210	221	431		
10:30	to 11:30	n/a	n/a	n/a	n/a	9	3	1	13	1.33	10	4	1	15	19	28	182	212	394		
10:45	to 11:45	n/a	n/a	n/a	n/a	8	2	0	10	1.25	9	3	2	14	17	24	193	232	425		
11:00	to 12:00	n/a	n/a	n/a	n/a	7	1	0	8	1.14	8	2	2	12	15	20	198	230	428		
11:15	to 12:15	n/a	n/a	n/a	n/a	5	0	0	5	1.00	5	1	2	8	7	13	206	236	442		
11:30	to 12:30	n/a	n/a	n/a	n/a	6	0	0	6	1.00	5	1	2	8	9	14	218	243	461		
11:45	to 12:45	n/a	n/a	n/a	n/a	5	0	0	5	1.00	5	1	2	8	8	13	224	250	474		
PM																					
12:00	to 13:00	n/a	n/a	n/a	n/a	6	1	0	7	1.17	5	1	3	9	11	16	233	252	485		
12:15	to 13:15	n/a	n/a	n/a	n/a	7	1	1	9	1.14	5	0	3	8	12	17	225	233	458		
12:30	to 13:30	n/a	n/a	n/a	n/a	11	2	2	15	1.18	7	0	2	9	18	24	201	232	433		
12:45	to 13:45	n/a	n/a	n/a	n/a	11	2	2	15	1.18	8	0	1	9	19	24	194	216	410		
13:00	to 14:00	n/a	n/a	n/a	n/a	10	1	2	13	1.10	12	1	0	13	22	26	197	222	419		
13:15	to 14:15	n/a	n/a	n/a	n/a	11	1	2	14	1.09	12	1	0	13	23	27	197	236	433		
13:30	to 14:30	n/a	n/a	n/a	n/a	11	1	1	13	1.09	12	1	0	13	23	26	236	238	474		
13:45	to 14:45	n/a	n/a	n/a	n/a	12	1	2	15	1.08	16	2	0	18	28	33	250	270	520		
14:00	to 15:00	n/a	n/a	n/a	n/a	12	1	3	16	1.08	15	2	0	17	27	33	263	267	530		
14:15	to 15:15	n/a	n/a	n/a	n/a	10	2	2	14	1.20	14	3	1	18	24	32	264	271	535		
14:30	to 15:30	n/a	n/a	n/a	n/a	6	2	2	10	1.33	12	4	2	18	18	28	255	273	528		
14:45	to 15:45	n/a	n/a	n/a	n/a	5	3	1	9	1.60	6	3	2	11	11	20	256	282	538		
15:00	to 16:00	n/a	n/a	n/a	n/a	6	7	0	13	2.17	4	4	2	10	10	23	249	303	552		
15:15	to 16:15	n/a	n/a	n/a	n/a	8	9	0	17	2.13	5	5	2	12	13	29	281	318	599		
15:30	to 16:30	n/a	n/a	n/a	n/a	8	10	0	18	2.25	5	5	1	11	13	29	285	336	621		
15:45	to 16:45	n/a	n/a	n/a	n/a	7	9	0	16	2.29	7	7	2	16	14	32	301	320	621		
16:00	to 17:00	n/a	n/a	n/a	n/a	4	6	0	10	2.50	6	6	2	14	10	24	311	303	614		
16:15	to 17:15	n/a	n/a	n/a	n/a	1	3	0	4	4.00	4	4	1	9	5	13	321	283	604		
16:30	to 17:30	n/a	n/a	n/a	n/a	0	1	1	2	0.00	4	4	1	9	4	11	339	282	621		
16:45	to 17:45	n/a	n/a	n/a	n/a	0	1	1	2	0.00	2	2	0	4	2	6	313	268	581		
17:00	to 18:00	n/a	n/a	n/a	n/a	0	0	1	1	0.00	1	1	0	2	1	3	320	267	587		
17:15	to 18:15	n/a	n/a	n/a	n/a	0	0	1	1	0.00	1	1	0	2	1	3	241	206	447		
17:30	to 18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	157	133	290		
17:45	to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	93	66	159		
18:00	to 19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	7	1	8		

¹ Cardiff Medical Centre & Skin Cancer Clinic does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.128 Site R3 Cardiff Medical Centre & Skin Cancer Clinic, Cardiff – Hourly data – Consecutive – Friday 20/03/2015.

DATE	20 March 2015		Cardiff Medical Centre & Skin Cancer Clinic - 321 Main Road, Cardiff NSW 2285												Grand Total		Main Road Data ⁵		Grand Total - Main Road			
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data			
WEATHER Fine							IN				OUT											
TIME			IN	OUT	Total	Occupancy	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	EB	WB	Vehicles		
AM																						
8:00	to	9:00	n/a	n/a	n/a	n/a	6	2	0	8	1.33	4	1	0	5	10	13	156	201	357		
9:00	to	10:00	n/a	n/a	n/a	n/a	13	5	3	21	1.38	8	4	1	13	21	34	225	278	503		
10:00	to	11:00	n/a	n/a	n/a	n/a	12	4	2	18	1.33	8	4	0	12	20	30	206	206	412		
11:00	to	12:00	n/a	n/a	n/a	n/a	7	1	0	8	1.14	8	2	2	12	15	20	198	230	428		
PM																						
12:00	to	13:00	n/a	n/a	n/a	n/a	6	1	0	7	1.17	5	1	3	9	11	16	233	252	485		
13:00	to	14:00	n/a	n/a	n/a	n/a	10	1	2	13	1.10	12	1	0	13	22	26	197	222	419		
14:00	to	15:00	n/a	n/a	n/a	n/a	12	1	3	16	1.08	15	2	0	17	27	33	263	267	530		
15:00	to	16:00	n/a	n/a	n/a	n/a	6	7	0	13	2.17	4	4	2	10	10	23	249	303	552		
16:00	to	17:00	n/a	n/a	n/a	n/a	4	6	0	10	2.50	6	6	2	14	10	24	311	303	614		
17:00	to	18:00	n/a	n/a	n/a	n/a	0	0	1	1	0.00	1	1	0	2	1	3	320	267	587		
Total			n/a	n/a	n/a	n/a	76	28	11	115	1.37	71	26	10	107	n/a	222	2365	2530	4895		

Table 3.129 Site R3 Cardiff Medical Centre & Skin Cancer Clinic, Cardiff – Travel mode – Friday 20/03/2015.

DATE 20 March 2015	Cardiff Medical Centre & Skin Cancer Clinic - 321 Main Road, Cardiff NSW 2285												
Average group size (people)	Average duration of stay (hrs)	Travel Mode											
1.38	0:37	IN	Total	33	15	0	0	1	0	1	0	0	0
			%	63.46	28.85	0.00	0.00	1.92	0.00	1.92	0.00	0.00	3.85
		OUT	Total	33	15	0	0	1	0	1	0	0	0
			%	63.46	28.85	0.00	0.00	1.92	0.00	1.92	0.00	0.00	3.85

¹ Cardiff Medical Centre & Skin Cancer Clinic does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.56 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

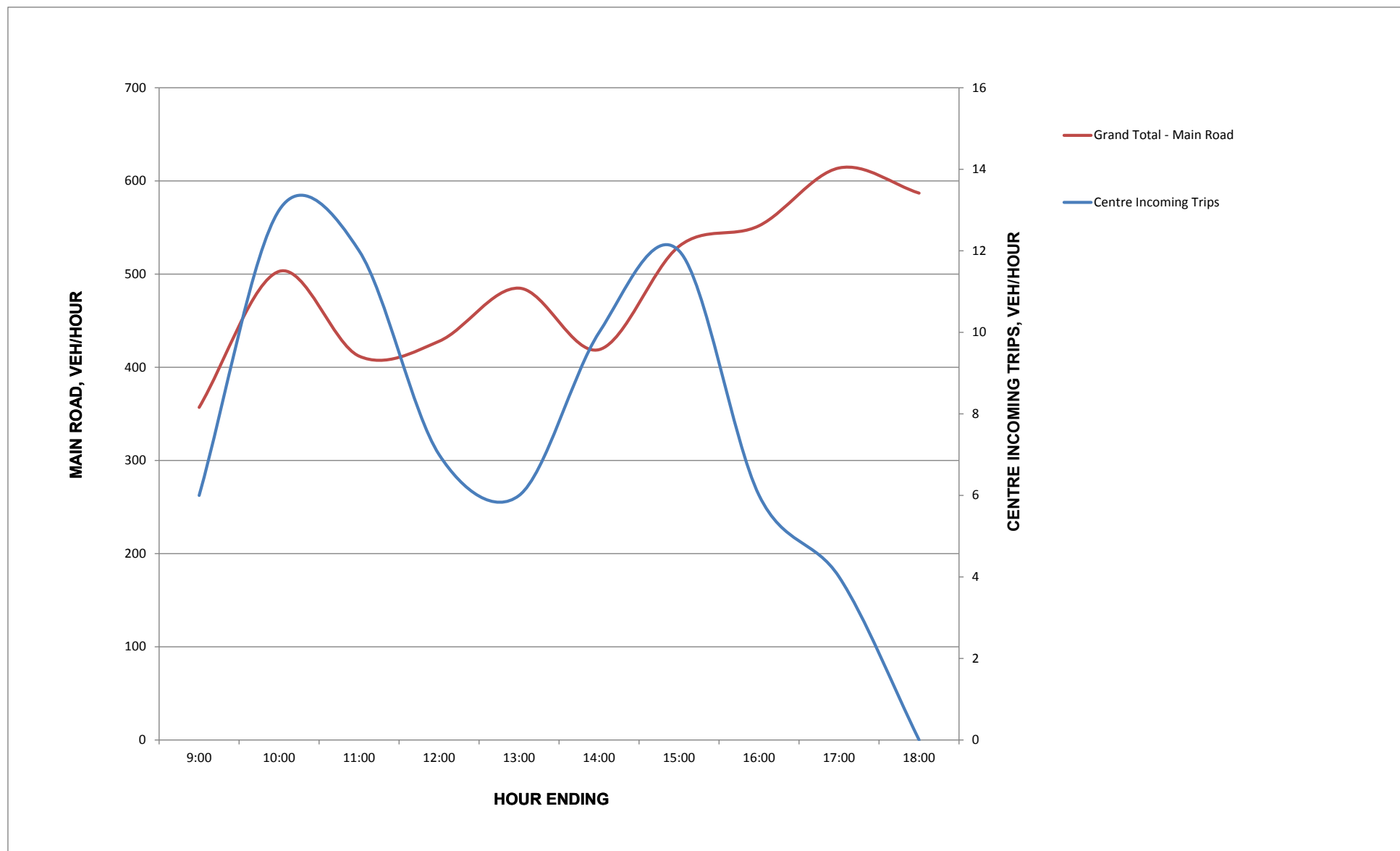


Figure 3.34 Site R3 Cardiff Medical Centre & Skin Cancer Clinic, Cardiff – Hourly trip distribution – Vehicles – Friday 20/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.35 Site R3 Cardiff Medical Centre & Skin Cancer Clinic, Cardiff NSW 2285 – Saturday 21/03/2015

Table 3.130 Site R3 Cardiff Medical Centre & Skin Cancer Clinic, Cardiff – Survey Results – 15-minute interval data – Saturday 21/03/2015.

DATE 21 March 2015	Cardiff Medical Centre & Skin Cancer Clinic - 321 Main Road, Cardiff NSW 2285													Grand Total	Main Road Data	Grand Total - Main Road	Parking Demand ⁴
15 minute Data														15 minute Data	15 minute Data	15 minute Data	15 minute Data
WEATHER Fine	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)												
TIME	IN	OUT	Total	Occupancy	IN					OUT				Vehicles ³	Persons	EB	WB
AM					Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total				
7:30 to 7:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	13	30
7:45 to 8:00	n/a	n/a	n/a	n/a	5	0	0	5	1.00	0	0	0	0	5	5	19	40
8:00 to 8:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	4	0	0	4	4	4	17	28
8:15 to 8:30	n/a	n/a	n/a	n/a	4	0	0	4	1.00	0	0	0	0	4	4	23	41
8:30 to 8:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1	1	1	34	54
8:45 to 9:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	4	0	0	4	4	4	31	49
9:00 to 9:15	n/a	n/a	n/a	n/a	3	1	0	4	1.33	0	0	0	0	3	4	47	51
9:15 to 9:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	4	0	0	4	6	7	45	48
9:30 to 9:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	0	0	2	3	3	53	47
9:45 to 10:00	n/a	n/a	n/a	n/a	2	1	0	3	1.50	1	0	0	1	3	4	45	48
10:00 to 10:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	52	44
10:15 to 10:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	0	0	0	0	2	3	61	51
10:30 to 10:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	5	0	1	6	6	7	57	59
10:45 to 11:00	n/a	n/a	n/a	n/a	5	2	1	8	1.40	0	0	0	0	5	8	52	45
11:00 to 11:15	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	0	3	3	4	46	61
11:15 to 11:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1	1	1	51	66
11:30 to 11:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	1	0	3	2	3	64	67
11:45 to 12:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	0	3	3	4	57	65
PM																	
12:00 to 12:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	53	64
12:15 to 12:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1	1	1	78	63
12:30 to 12:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	68	71
12:45 to 13:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	69	75
TOTAL	n/a	n/a	n/a	n/a	27	6	1	34	1.20	29	3	1	33	56	67	1035	1165

¹ Cardiff Medical Centre & Skin Cancer Clinic does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.131 Site R3 Cardiff Medical Centre & Skin Cancer Clinic, Cardiff – Survey Results – Hourly data – rolling at 15 minute intervals – Saturday 21/03/2015.

DATE	21 March 2015		Cardiff Medical Centre & Skin Cancer Clinic - 321 Main Road, Cardiff NSW 2285												Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine			IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	EB	WB	Vehicles	
TIME							Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total
AM																				
7:00	to	8:00	n/a	n/a	n/a	n/a	5	0	0	5	1.00	0	0	0	0	5	5	32	70	102
7:15	to	8:15	n/a	n/a	n/a	n/a	5	0	0	5	1.00	4	0	0	4	9	9	49	96	145
7:30	to	8:30	n/a	n/a	n/a	n/a	9	0	0	9	1.00	4	0	0	4	13	13	72	137	209
7:45	to	8:45	n/a	n/a	n/a	n/a	9	0	0	9	1.00	5	0	0	5	14	14	93	161	254
8:00	to	9:00	n/a	n/a	n/a	n/a	4	0	0	4	1.00	9	0	0	9	13	13	105	170	275
8:15	to	9:15	n/a	n/a	n/a	n/a	7	1	0	8	1.14	5	0	0	5	12	13	135	195	330
8:30	to	9:30	n/a	n/a	n/a	n/a	5	2	0	7	1.40	9	0	0	9	14	16	157	202	359
8:45	to	9:45	n/a	n/a	n/a	n/a	6	2	0	8	1.33	10	0	0	10	16	18	176	195	371
9:00	to	10:00	n/a	n/a	n/a	n/a	8	3	0	11	1.38	7	0	0	7	15	18	190	194	384
9:15	to	10:15	n/a	n/a	n/a	n/a	5	2	0	7	1.40	7	0	0	7	12	14	195	187	382
9:30	to	10:30	n/a	n/a	n/a	n/a	5	2	0	7	1.40	3	0	0	3	8	10	211	190	401
9:45	to	10:45	n/a	n/a	n/a	n/a	5	2	0	7	1.40	6	0	1	7	11	14	215	202	417
10:00	to	11:00	n/a	n/a	n/a	n/a	8	3	1	12	1.38	5	0	1	6	13	18	222	199	421
10:15	to	11:15	n/a	n/a	n/a	n/a	9	3	1	13	1.33	7	1	1	9	16	22	216	216	432
10:30	to	11:30	n/a	n/a	n/a	n/a	7	2	1	10	1.29	8	1	1	10	15	20	206	231	437
10:45	to	11:45	n/a	n/a	n/a	n/a	6	2	1	9	1.33	5	2	0	7	11	16	213	239	452
11:00	to	12:00	n/a	n/a	n/a	n/a	2	0	0	2	1.00	7	3	0	10	9	12	218	259	477
11:15	to	12:15	n/a	n/a	n/a	n/a	1	0	0	1	1.00	5	2	0	7	6	8	225	262	487
11:30	to	12:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	5	2	0	7	5	8	252	259	511
11:45	to	12:45	n/a	n/a	n/a	n/a	1	0	0	1	1.00	3	1	0	4	4	5	256	263	519
PM																				
12:00	to	13:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1	1	1	268	273	541
12:15	to	13:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1	1	1	215	209	424
12:30	to	13:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	137	146	283
12:45	to	13:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	69	75	144

¹ Cardiff Medical Centre & Skin Cancer Clinic does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.132 Site R3 Cardiff Medical Centre & Skin Cancer Clinic, Cardiff – Hourly data – Consecutive – Saturday 21/03/2015.

DATE	21 March 2015		Cardiff Medical Centre & Skin Cancer Clinic - 321 Main Road, Cardiff NSW 2285													Grand Total		Main Road Data ⁵		Grand Total - Main Road			
1-hour Data			Vehicles (activity at the car park) ¹					Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine								IN					OUT										
TIME			IN	OUT	Total	Occupancy	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	EB	WB	Vehicles			
AM																							
7:00 to 8:00			n/a	n/a	n/a	n/a	5	0	0	5	1.00	0	0	0	0	5	32	70					
8:00 to 9:00			n/a	n/a	n/a	n/a	4	0	0	4	1.00	9	0	0	9	13	105	170					
9:00 to 10:00			n/a	n/a	n/a	n/a	8	3	0	11	1.38	7	0	0	7	15	190	194					
10:00 to 11:00			n/a	n/a	n/a	n/a	8	3	1	12	1.38	5	0	1	6	13	222	199					
11:00 to 12:00			n/a	n/a	n/a	n/a	2	0	0	2	1.00	7	3	0	10	9	218	259					
PM																							
12:00 to 13:00			n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1	1	268	273					
Total			n/a	n/a	n/a	n/a	27	6	1	34	1.22	29	3	1	33	n/a	1035	1165					

Table 3.133 Site R3 Cardiff Medical Centre & Skin Cancer Clinic, Cardiff – Travel mode – Saturday 21/03/2015.

DATE 21 March 2015		Cardiff Medical Centre & Skin Cancer Clinic - 321 Main Road, Cardiff NSW 2285												
Average group size (people)	Average duration of stay (hrs)	Travel Mode												
		Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other		
1.19	0:37	IN	Total	15	3	0	0	1	0	0	0	0	0	0
			%	78.9	15.8	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0
		OUT	Total	15	3	0	0	1	0	0	0	0	0	0
			%	78.9	15.8	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0

¹ Cardiff Medical Centre & Skin Cancer Clinic does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.57 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

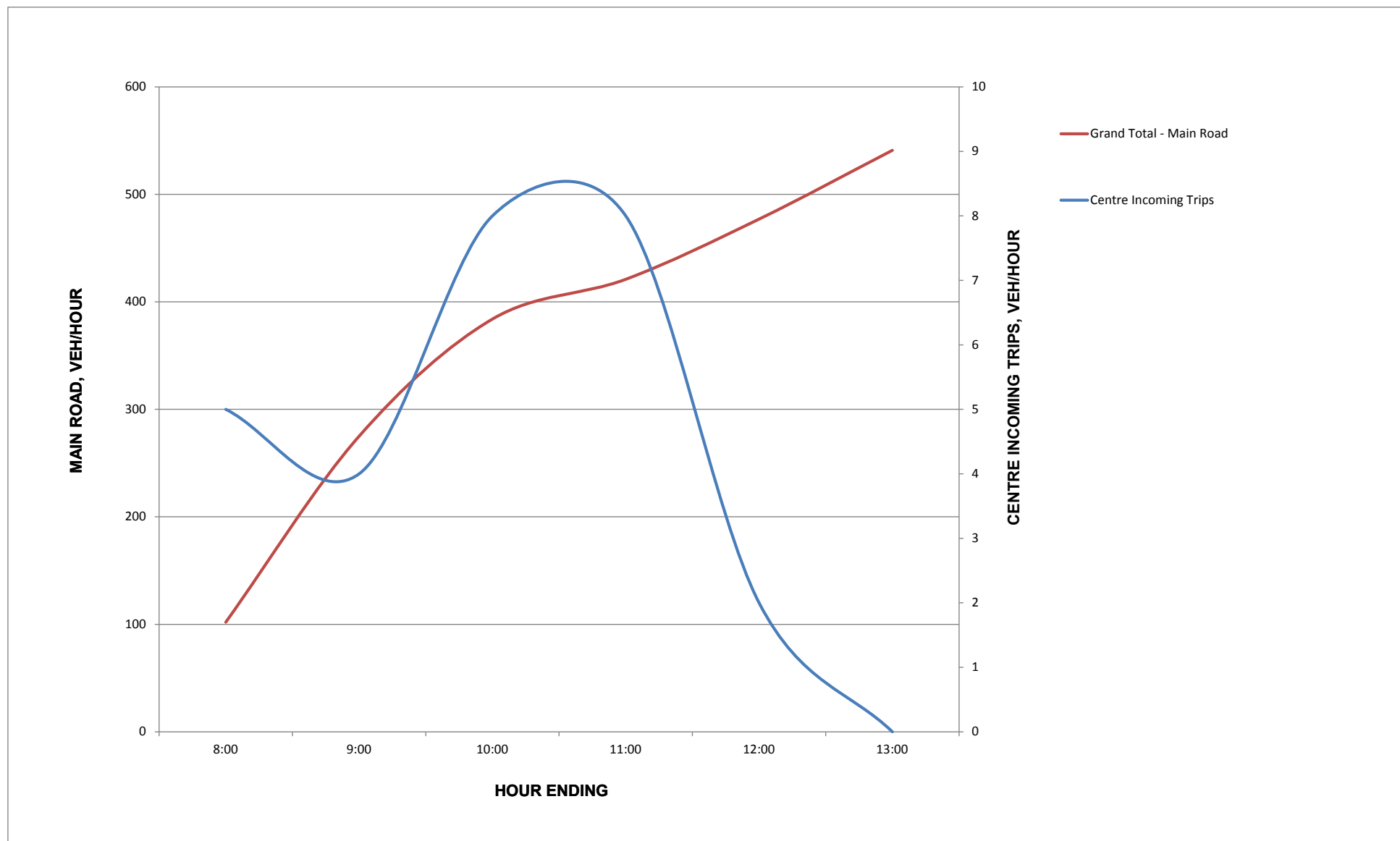


Figure 3.35 Site R3 Cardiff Medical Centre & Skin Cancer Clinic, Cardiff – Hourly trip distribution – Vehicles – Saturday 21/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.36 Site R4 Worrigee Medical Centre, Worrigee NSW 2540 – Saturday 07/03/2015

Table 3.134 Site R4 Worrigee Medical Centre, Worrigee – Survey Results – 15-minute interval data – Saturday 07/03/2015.

DATE	7 March 2015	Worrigee Medical Centre - 53 Isa Rd, Worrigee NSW 2540													Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand			
15 minute Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data	15 minute Data		
WEATHER		Fine				IN					OUT												
TIME		IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	EB	WB	Vehicles	Car Park	On Street	Total ⁴	
PM																							
12:00	to 12:15	7	5	12	1.43	7	3	0	10	1.43	5	2	0	7	12	17	29	25	54	5	0	5	
12:15	to 12:30	7	2	9	1.29	7	2	0	9	1.29	2	1	0	3	9	12	27	24	51	9	0	9	
12:30	to 12:45	0	3	3	0.00	0	0	0	0	0.00	3	0	0	3	3	3	25	29	54	12	0	12	
12:45	to 13:00	1	1	2	1.00	1	0	0	1	1.00	1	0	0	1	2	2	30	21	51	11	0	11	
13:00	to 13:15	5	1	6	1.80	5	4	0	9	1.80	1	1	0	2	6	11	24	17	41	10	0	10	
13:15	to 13:30	0	4	4	0.00	0	0	0	0	0.00	4	0	0	4	4	4	23	21	44	10	0	10	
13:30	to 13:45	1	3	4	1.00	1	0	0	1	1.00	3	0	0	3	4	4	31	27	58	10	0	10	
13:45	to 14:00	3	4	7	1.67	3	2	0	5	1.67	4	3	0	7	7	12	22	35	57	9	0	9	
14:00	to 14:15	4	1	5	1.50	4	2	0	6	1.50	1	1	0	2	5	8	25	22	47	7	0	7	
14:15	to 14:30	2	2	4	2.00	2	2	0	4	2.00	2	2	0	4	4	8	23	23	46	9	0	9	
14:30	to 14:45	4	2	6	2.00	4	4	0	8	2.00	2	2	0	4	6	12	23	31	54	10	0	10	
14:45	to 15:00	2	2	4	2.00	2	2	0	4	2.00	2	2	0	4	4	8	17	19	36	11	0	11	
15:00	to 15:15	3	3	6	1.00	3	0	0	3	1.00	3	0	0	3	6	6	22	19	41	12	0	12	
15:15	to 15:30	3	3	6	1.67	3	2	0	5	1.67	3	2	0	5	6	10	22	11	33	12	0	12	
15:30	to 15:45	3	2	5	1.33	3	1	0	4	1.33	2	1	0	3	5	7	24	22	46	12	0	12	
15:45	to 16:00	6	4	10	2.00	6	6	0	12	2.00	4	4	0	8	10	20	23	16	39	14	0	14	
16:00	to 16:15	3	5	8	1.00	3	0	0	3	1.00	5	0	0	5	8	8	23	11	34	15	0	15	
16:15	to 16:30	1	2	3	2.00	1	1	0	2	2.00	2	2	0	4	3	6	18	9	27	14	0	14	
16:30	to 16:45	3	1	4	1.33	3	2	0	5	1.67	5	4	1	10	8	15	17	22	39	12	0	12	
16:45	to 17:00	4	7	11	1.50	2	2	0	4	2.00	4	4	1	9	7	13	36	13	49	12	0	12	
17:00	to 17:15	2	2	4	1.00	2	2	0	4	2.00	3	1	0	4	7	8	25	13	38	11	0	11	
17:15	to 17:30	2	6	8	1.50	1	1	0	2	2.00	3	1	0	4	6	6	24	28	52	9	0	9	
17:30	to 17:45	1	0	1	1.00	1	1	0	2	2.00	2	0	0	2	4	4	19	17	36	7	0	7	
17:45	to 18:00	4	4	8	1.50	1	1	0	2	2.00	5	1	0	6	8	8	21	23	44	7	0	7	
18:00	to 18:15	3	3	6	1.67	3	3	0	6	2.00	4	1	0	5	10	11	26	14	40	7	0	7	
18:15	to 18:30	2	1	3	1.50	1	1	0	2	2.00	1	0	0	1	3	3	16	20	36	8	0	8	
18:30	to 18:45	1	1	2	2.00	0	0	0	0	0.00	2	0	0	2	2	2	18	16	34	8	0	8	
18:45	to 19:00	1	1	2	2.00	2	2	0	4	2.00	2	1	0	3	6	7	19	16	35	8	0	8	
19:00	to 19:15	5	4	9	1.20	2	3	0	5	2.50	2	3	0	5	4	10	16	14	30	8	0	8	
19:15	to 19:30	3	2	5	2.00	2	3	0	5	2.50	1	1	0	2	3	7	2	9	11	9	0	9	
19:30	to 19:45	2	2	4	2.00	1	2	0	3	3.00	2	3	0	5	3	8	6	9	15	10	0	10	
19:45	to 20:00	4	1	5	2.25	3	6	0	9	3.00	1	2	0	3	4	12	4	10	14	12	0	12	
20:00	to 20:15	2	5	7	1.50	1	2	0	3	3.00	3	5	0	8	4	11	9	9	18	13	0	13	
20:15	to 20:30	1	2	3	1.00	0	1	0	1	0.00	1	1	0	2	1	3	8	7	15	11	0	11	
20:30	to 20:45	2	1	3	1.50	3	4	0	7	2.33	3	4	0	7	6	14	13	7	20	9	0	9	
20:45	to 21:00	4	3	7	1.75	1	2	0	3	3.00	1	2	0	3	2	6	12	9	21	10	0	10	
21:00	to 21:15	1	0	1	1.00	1	3	0	4	4.00	0	0	0	0	1	4	9	5	14	11	0	11	
21:15	to 21:30	0	3	3	0.00	0	0	0	0	0.00	2	3	0	5	2	5	4	2	6	10	0	10	
21:30	to 21:45	0	1	1	0.00	0	0	0	0	0.00	1	1	0	2	1	2	4	5	9	9	0	9	
21:45	to 22:00	1	5	6	1.00	0	0	0	0	0.00	3	6	0	9	3	9	15	6	21	7	0	7	
TOTAL		103	104	207	1.52	85	72	0	157	1.99	100	65	2	167	199	324	754	656	1410	Total Car Park Spaces - 19			

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.135 Site R4 Worrigee Medical Centre, Worrigee – Survey Results – Hourly data – rolling at 15 minute intervals – Saturday 07/03/2015.

DATE	7 March 2015	Worrigee Medical Centre - 53 Isa Rd, Worrigee NSW 2540												Grand Total		Main Road Data		Grand Total - Main Road			
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine						IN					OUT										
TIME		IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	EB	WB	Vehicles		
PM																					
12:00	to 13:00	15	11	26	1.33	15	5	0	20	1.33	11	3	0	14	26	34	111	99	210		
12:15	to 13:15	13	7	20	1.46	13	6	0	19	1.46	7	1	0	8	20	27	106	91	197		
12:30	to 13:30	6	9	15	1.67	6	4	0	10	1.67	9	1	0	10	15	20	102	88	190		
12:45	to 13:45	7	9	16	1.57	7	4	0	11	1.57	9	1	0	10	16	21	108	86	194		
13:00	to 14:00	9	12	21	1.67	9	6	0	15	1.67	12	3	0	15	21	30	100	100	200		
13:15	to 14:15	8	12	20	1.50	8	4	0	12	1.50	12	3	0	15	20	27	101	105	206		
13:30	to 14:30	10	10	20	1.60	10	6	0	16	1.60	10	5	0	15	20	31	101	107	208		
13:45	to 14:45	13	9	22	1.77	13	10	0	23	1.77	9	7	0	16	22	39	93	111	204		
14:00	to 15:00	12	7	19	1.83	12	10	0	22	1.83	7	7	0	14	19	36	88	95	183		
14:15	to 15:15	11	9	20	1.73	11	8	0	19	1.73	9	6	0	15	20	34	85	92	177		
14:30	to 15:30	12	10	22	1.67	12	8	0	20	1.67	10	6	0	16	22	36	84	80	164		
14:45	to 15:45	11	10	21	1.45	11	5	0	16	1.45	10	5	0	15	21	31	85	71	156		
15:00	to 16:00	15	12	27	1.60	15	9	0	24	1.60	12	7	0	19	27	43	91	68	159		
15:15	to 16:15	15	14	29	1.60	15	9	0	24	1.60	14	7	0	21	29	45	92	60	152		
15:30	to 16:30	13	13	26	1.62	13	8	0	21	1.62	13	7	0	20	26	41	88	58	146		
15:45	to 16:45	13	12	25	1.62	13	9	0	22	1.69	16	10	1	27	29	49	81	58	139		
16:00	to 17:00	11	15	26	1.36	9	5	0	14	1.56	16	10	2	28	26	42	94	55	149		
16:15	to 17:15	10	12	22	1.40	8	7	0	15	1.88	14	11	2	27	25	42	96	57	153		
16:30	to 17:30	11	16	27	1.36	8	7	0	15	1.88	15	10	2	27	28	42	102	76	178		
16:45	to 17:45	9	15	24	1.33	6	6	0	12	2.00	12	6	1	19	24	31	104	71	175		
17:00	to 18:00	9	12	21	1.33	5	5	0	10	2.00	13	3	0	16	25	26	89	81	170		
17:15	to 18:15	10	13	23	1.50	6	6	0	12	2.00	14	3	0	17	28	29	90	82	172		
17:30	to 18:30	10	8	18	1.50	6	6	0	12	2.00	12	2	0	14	25	26	82	74	156		
17:45	to 18:45	10	9	19	1.60	5	5	0	10	2.00	12	2	0	14	23	24	81	73	154		
18:00	to 19:00	7	6	13	1.71	6	6	0	12	2.00	9	2	0	11	21	23	79	66	145		
18:15	to 19:15	9	7	16	1.44	5	6	0	11	2.20	7	4	0	11	15	22	69	66	135		
18:30	to 19:30	10	8	18	1.60	6	8	0	14	2.33	7	5	0	12	15	26	55	55	110		
18:45	to 19:45	11	9	20	1.64	7	10	0	17	2.43	7	8	0	15	16	32	43	48	91		
19:00	to 20:00	14	9	23	1.79	8	14	0	22	2.75	6	9	0	15	14	37	28	42	70		
19:15	to 20:15	11	10	21	2.00	7	13	0	20	2.86	7	11	0	18	14	38	21	37	58		
19:30	to 20:30	9	10	19	1.89	5	11	0	16	3.20	7	11	0	18	12	34	27	35	62		
19:45	to 20:45	9	9	18	1.78	7	13	0	20	2.86	8	12	0	20	15	40	34	33	67		
20:00	to 21:00	9	11	20	1.56	5	9	0	14	2.80	8	12	0	20	13	34	42	32	74		
20:15	to 21:15	8	6	14	1.50	5	10	0	15	3.00	5	7	0	12	10	27	42	28	70		
20:30	to 21:30	7	7	14	1.57	5	9	0	14	2.80	6	9	0	15	11	29	38	23	61		
20:45	to 21:45	5	7	12	1.60	2	5	0	7	3.50	4	6	0	10	6	17	29	21	50		
21:00	to 22:00	2	9	11	1.00	1	3	0	4	4.00	6	10	0	16	7	20	32	18	50		

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.136 Site R4 Worrige Medical Centre, Worrige – Hourly data – Consecutive – Saturday 07/03/2015.

DATE	7 March 2015	Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540													Grand Total		Main Road Data ⁵		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data
WEATHER Fine						IN					OUT									
TIME		IN	OUT	Total	Occupancy ¹	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	EB	WB	Vehicles	
PM																				
12:00	to 13:00	15	11	26	1.33	15	5	0	20	1.33	11	3	0	14	26	34	111	99	210	
13:00	to 14:00	9	12	21	1.67	9	6	0	15	1.67	12	3	0	15	21	30	100	100	200	
14:00	to 15:00	12	7	19	1.83	12	10	0	22	1.83	7	7	0	14	19	36	88	95	183	
15:00	to 16:00	15	12	27	1.60	15	9	0	24	1.60	12	7	0	19	27	43	91	68	159	
16:00	to 17:00	11	15	26	1.36	9	5	0	14	1.56	16	10	2	28	26	42	94	55	149	
17:00	to 18:00	9	12	21	1.33	5	5	0	10	2.00	13	3	0	16	25	26	89	81	170	
18:00	to 19:00	7	6	13	1.71	6	6	0	12	2.00	9	2	0	11	21	23	79	66	145	
19:00	to 20:00	14	9	23	1.79	8	14	0	22	2.75	6	9	0	15	14	37	28	42	70	
20:00	to 21:00	9	11	20	1.56	5	9	0	14	2.80	8	12	0	20	13	34	42	32	74	
21:00	to 22:00	2	9	11	1.00	1	3	0	4	4.00	6	10	0	16	7	20	32	18	50	
Total		92	85	177	1.75	85	72	0	157	1.85	100	65	2	167	199	324	754	656	1410	

Table 3.137 Site R4 Worrige Medical Centre, Worrige – Travel mode – Saturday 07/03/2015.

DATE 7 March 2015		Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540												
Average group size (people)	Average duration of stay (hrs)			Travel Mode										
				Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.74	0:38	IN	Total	35	25	3	1	0	0	0	0	0	4	0
			%	51.5	36.8	4.4	1.5	0.0	0.0	0.0	0.0	5.9	0.0	
		OUT	Total	33	25	3	1	0	0	0	0	4	0	
			%	50.0	37.9	4.5	1.5	0.0	0.0	0.0	0.0	6.1	0.0	

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² The number of incoming trips in Figure 3.58 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

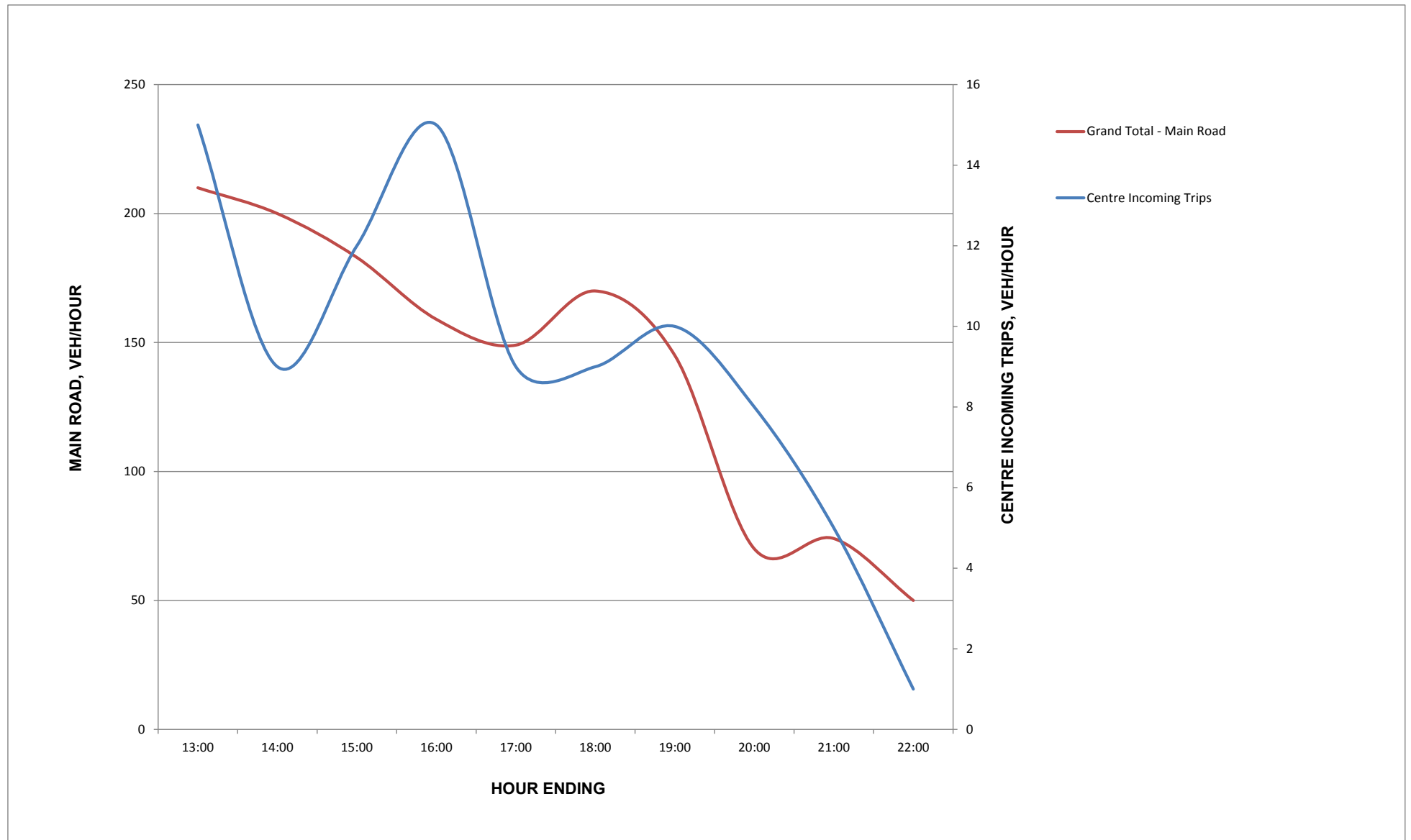


Figure 3.36 Site R4 Worrige Medical Centre, Worrige – Hourly trip distribution – Vehicles – Saturday 07/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.37 Site R4 Worrigee Medical Centre, Worrigee NSW 2540 – Sunday 08/03/2015

Table 3.138 Site R4 Worrigee Medical Centre, Worrigee – Survey Results – 15-minute interval data – Sunday 08/03/2015.

DATE	8 March 2015	Worrigee Medical Centre - 53 Isa Rd, Worrigee NSW 2540													Grand Total		Main Road Data		Grand Total - Main Road		Parking Demand		
15 minute Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)									15 minute Data		15 minute Data		15 minute Data		15 minute Data		
WEATHER		Fine				IN					OUT												
TIME		IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total			EB	WB	Vehicles		Car Park	On Street	Total ⁴
AM																							
10:00	to 10:15	8	3	11	2.13	8	12	0	20	2.50	3	3	0	6			17	25	42		10	0	10
10:15	to 10:30	5	5	10	1.60	3	4	0	7	2.33	3	3	0	6			23	29	52		18	0	18
10:30	to 10:45	5	5	10	1.20	3	4	0	7	2.33	4	4	0	8			18	28	46		19	6	25
10:45	to 11:00	1	7	8	2.00	0	1	0	1	0.00	3	3	0	6			24	28	52		17	0	17
11:00	to 11:15	4	3	7	1.50	4	4	0	8	2.00	2	3	0	5			25	20	45		9	0	9
11:15	to 11:30	1	1	2	3.00	2	2	0	4	2.00	1	2	0	3			27	31	58		10	0	10
11:30	to 11:45	2	2	4	1.00	1	1	0	2	2.00	0	1	0	1			23	15	38		10	0	10
11:45	to 12:00	3	2	5	1.67	2	2	0	4	2.00	3	4	0	7			32	28	60		11	0	11
PM																							
12:00	to 12:15	1	2	3	2.00	1	1	0	2	2.00	0	0	0	0			30	27	57		11	0	11
12:15	to 12:30	3	2	5	1.33	1	1	0	2	2.00	1	1	0	2			22	20	42		11	0	11
12:30	to 12:45	5	3	8	2.00	3	3	0	6	2.00	2	2	0	4			22	20	42		11	0	11
12:45	to 13:00	2	3	5	1.50	2	2	0	4	2.00	1	2	0	3			20	19	39		12	0	12
13:00	to 13:15	3	4	7	2.00	1	3	0	4	4.00	1	2	0	3			25	24	49		12	0	12
13:15	to 13:30	5	3	8	1.60	2	5	0	7	3.50	1	3	0	4			25	23	48		13	0	13
13:30	to 13:45	3	3	6	1.67	1	3	0	4	4.00	1	4	0	5			25	31	56		13	0	13
13:45	to 14:00	3	4	7	1.33	1	2	0	3	3.00	1	3	0	4			25	19	44		13	0	13
14:00	to 14:15	3	4	7	2.00	2	4	0	6	3.00	1	3	0	4			21	15	36		12	0	12
14:15	to 14:30	2	2	4	1.50	1	1	0	2	2.00	1	3	0	4			29	19	48		12	0	12
14:30	to 14:45	3	4	7	1.33	1	4	0	5	5.00	1	4	0	5			22	22	44		11	0	11
14:45	to 15:00	3	5	8	2.00	1	4	0	5	5.00	2	6	0	8			21	19	40		10	0	10
15:00	to 15:15	2	2	4	1.50	1	1	0	2	2.00	1	2	0	3			21	23	44		8	0	8
15:15	to 15:30	1	0	1	1.00	1	0	0	1	1.00	0	1	0	1			32	26	58		9	0	9
15:30	to 15:45	2	3	5	2.00	2	1	0	3	1.50	0	1	0	1			23	21	44		9	0	9
15:45	to 16:00	1	3	4	2.00	1	1	0	2	2.00	2	3	0	5			28	19	47		8	0	8
16:00	to 16:15	8	5	13	1.75	2	2	0	4	2.00	0	1	0	1			42	29	71		6	0	6
16:15	to 16:30	6	2	8	1.50	7	6	0	13	1.86	4	4	0	8			16	10	26		10	0	10
16:30	to 16:45	2	2	4	1.00	2	2	0	4	2.00	1	1	0	2			32	19	51		13	0	13
16:45	to 17:00	1	3	4	1.00	1	1	0	2	2.00	2	3	0	5			20	17	37		12	0	12
17:00	to 17:15	2	3	5	1.50	1	1	0	2	2.00	3	2	0	5			25	19	44		11	0	11
17:15	to 17:30	2	0	2	2.50	1	1	0	2	2.00	0	0	0	0			26	10	36		12	0	12
17:30	to 17:45	2	6	8	3.00	2	2	0	4	2.00	3	3	0	6			9	15	24		12	0	12
17:45	to 18:00	1	3	4	2.00	2	2	0	4	2.00	1	1	0	2			12	13	25		9	0	9
18:00	to 18:15	1	0	1	2.00	1	1	0	2	2.00	0	0	0	0			18	10	28		6	0	6
18:15	to 18:30	2	4	6	2.50	1	1	0	2	2.00	6	4	0	10			9	10	19		6	0	6
18:30	to 18:45	3	2	5	2.67	2	2	0	4	2.00	1	1	0	2			10	8	18		5	0	5
18:45	to 19:00	1	2	3	2.00	1	1	0	2	2.00	1	1	0	2			14	14	28		5	0	5
19:00	to 19:15	7	5	12	2.86	5	4	0	9	1.80	4	3	0	7			15	11	26		5	0	5
19:15	to 19:30	2	4	6	2.00	2	1	0	3	1.50	1	0	0	1			14	7	21		0	0	0
19:30	to 19:45	2	3	5	2.00	1	1	0	2	2.00	2	2	0	4			6	13	19		5	0	5
19:45	to 20:00	2	3	5	1.50	0	0	0	0	0.00	1	1	0	2			18	3	21		0	0	0
TOTAL		115	122	237	1.82	76	94	0	170	2.32	65	90	0	155	178	325	866	759	1625		Total Car Park Spaces - 19		

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.139 Site R4 Worrige Medical Centre, Worrige – Survey Results – Hourly data – rolling at 15 minute intervals – Sunday 08/03/2015.

DATE 8 March 2015		Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540														Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine						IN					OUT										
TIME		IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	EB	WB	Vehicles		
AM																					
9:15	to 10:15	8	3	11	2.13	8	12	0	20	2.50	3	3	0	6	11	26	17	25	42		
9:30	to 10:30	13	8	21	1.92	11	16	0	27	2.45	6	6	0	12	17	39	40	54	94		
9:45	to 10:45	18	13	31	1.72	14	20	0	34	2.43	10	10	0	20	24	54	58	82	140		
10:00	to 11:00	19	20	39	1.74	14	21	0	35	2.50	13	13	0	26	27	61	82	110	192		
10:15	to 11:15	15	20	35	1.47	10	13	0	23	2.30	12	13	0	25	24	48	90	105	195		
10:30	to 11:30	11	16	27	1.55	9	11	0	20	2.22	10	12	0	22	22	42	94	107	201		
10:45	to 11:45	8	13	21	1.63	7	8	0	15	2.14	6	9	0	15	17	30	99	94	193		
11:00	to 12:00	10	8	18	1.60	9	9	0	18	2.00	6	10	0	16	20	34	107	94	201		
11:15	to 12:15	7	7	14	1.71	6	6	0	12	2.00	4	7	0	11	13	23	112	101	213		
11:30	to 12:30	9	8	17	1.44	5	5	0	10	2.00	4	6	0	10	11	20	107	90	197		
11:45	to 12:45	12	9	21	1.75	7	7	0	14	2.00	6	7	0	13	15	27	106	95	201		
PM																					
12:00	to 13:00	11	10	21	1.73	7	7	0	14	2.00	4	5	0	9	13	23	94	86	180		
12:15	to 13:15	13	12	25	1.77	7	9	0	16	2.29	5	7	0	12	17	28	89	83	172		
12:30	to 13:30	15	13	28	1.80	8	13	0	21	2.63	5	9	0	14	22	35	92	86	178		
12:45	to 13:45	13	13	26	1.69	6	13	0	19	3.17	4	11	0	15	22	34	95	97	192		
13:00	to 14:00	14	14	28	1.64	5	13	0	18	3.60	4	12	0	16	23	34	100	97	197		
13:15	to 14:15	14	14	28	1.64	6	14	0	20	3.33	4	13	0	17	25	37	96	88	184		
13:30	to 14:30	11	13	24	1.64	5	10	0	15	3.00	4	13	0	17	22	32	100	84	184		
13:45	to 14:45	11	14	25	1.55	5	11	0	16	3.20	4	13	0	17	22	33	97	75	172		
14:00	to 15:00	11	15	26	1.73	5	13	0	18	3.60	5	16	0	21	26	39	93	75	168		
14:15	to 15:15	10	13	23	1.60	4	10	0	14	3.50	5	15	0	20	21	34	93	83	176		
14:30	to 15:30	9	11	20	1.56	4	9	0	13	3.25	4	13	0	17	18	30	96	90	186		
14:45	to 15:45	8	10	18	1.75	5	6	0	11	2.20	3	10	0	13	14	24	97	89	186		
15:00	to 16:00	6	8	14	1.67	5	3	0	8	1.60	3	7	0	10	8	18	104	89	193		
15:15	to 16:15	12	11	23	1.75	6	4	0	10	1.67	2	6	0	8	8	18	125	95	220		
15:30	to 16:30	17	13	30	1.71	12	10	0	22	1.83	6	9	0	15	18	37	109	79	188		
15:45	to 16:45	17	12	29	1.59	12	11	0	23	1.92	7	9	0	16	19	39	118	77	195		
16:00	to 17:00	17	12	29	1.53	12	11	0	23	1.92	7	9	0	16	19	39	110	75	185		
16:15	to 17:15	11	10	21	1.36	11	10	0	21	1.91	10	10	0	20	21	41	93	65	158		
16:30	to 17:30	7	8	15	1.57	5	5	0	10	2.00	6	6	0	12	11	22	103	65	168		
16:45	to 17:45	7	12	19	2.14	5	5	0	10	2.00	8	8	0	16	13	26	80	61	141		
17:00	to 18:00	7	12	19	2.29	6	6	0	12	2.00	7	6	0	13	13	25	72	57	129		
17:15	to 18:15	6	9	15	2.50	6	6	0	12	2.00	4	4	0	8	10	20	65	48	113		
17:30	to 18:30	6	13	19	2.50	6	6	0	12	2.00	10	8	0	18	16	30	48	48	96		
17:45	to 18:45	7	9	16	2.43	6	6	0	12	2.00	8	6	0	14	14	26	49	41	90		
18:00	to 19:00	7	8	15	2.43	5	5	0	10	2.00	8	6	0	14	13	24	51	42	93		
18:15	to 19:15	13	13	26	2.69	9	8	0	17	1.89	12	9	0	21	21	38	48	43	91		
18:30	to 19:30	13	13	26	2.62	10	8	0	18	1.80	7	5	0	12	17	30	53	40	93		
18:45	to 19:45	12	14	26	2.50	9	7	0	16	1.78	8	6	0	14	17	30	49	45	94		
19:00	to 20:00	13	15	28	2.38	8	6	0	14	1.75	8	6	0	14	16	28	53	34	87		

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.140 Site R4 Worrigee Medical Centre, Worrigee – Hourly data – Consecutive – Sunday 08/03/2015.

DATE 8 March 2015		Worrigee Medical Centre - 53 Isa Rd, Worrigee NSW 2540													Grand Total		Main Road Data ⁵		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data		1-hour Data		
WEATHER Fine						IN				OUT										
TIME		IN	OUT	Total	Occupancy ¹	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	EB	WB		
AM																				
10:00	to 11:00	19	20	39	1.74	14	21	0	35	2.50	13	13	0	26	27	61	82	110		
11:00	to 12:00	10	8	18	1.60	9	9	0	18	2.00	6	10	0	16	20	34	107	94		
PM																				
12:00	to 13:00	11	10	21	1.73	7	7	0	14	2.00	4	5	0	9	13	23	94	86		
13:00	to 14:00	14	14	28	1.64	5	13	0	18	3.60	4	12	0	16	23	34	100	97		
14:00	to 15:00	11	15	26	1.73	5	13	0	18	3.60	5	16	0	21	26	39	93	75		
15:00	to 16:00	6	8	14	1.67	5	3	0	8	1.60	3	7	0	10	8	18	104	89		
16:00	to 17:00	17	12	29	1.53	12	11	0	23	1.92	7	9	0	16	19	39	110	75		
17:00	to 18:00	7	12	19	2.29	6	6	0	12	2.00	7	6	0	13	13	25	72	57		
18:00	to 19:00	7	8	15	2.43	5	5	0	10	2.00	8	6	0	14	13	24	51	42		
19:00	to 20:00	13	13	26	2.69	8	6	0	14	1.75	8	6	0	14	16	28	53	34		
Total		115	120	235	1.83	76	94	0	170	2.24	65	90	0	155	178	325	866	759		

Table 3.141 Site R4 Worrigee Medical Centre, Worrigee – Travel mode – Sunday 08/03/2015.

DATE 8 March 2015		Worrigee Medical Centre - 53 Isa Rd, Worrigee NSW 2540											
Average group size (people)	Average duration of stay (hrs)	Travel Mode											
			Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.93	0:32	IN	Total	23	25	8	0	0	0	0	0	0	0
			%	41.1	44.6	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OUT	Total	23	25	8	0	0	0	0	0	0	0
			%	41.1	44.6	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² The number of incoming trips in Figure 3.59 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

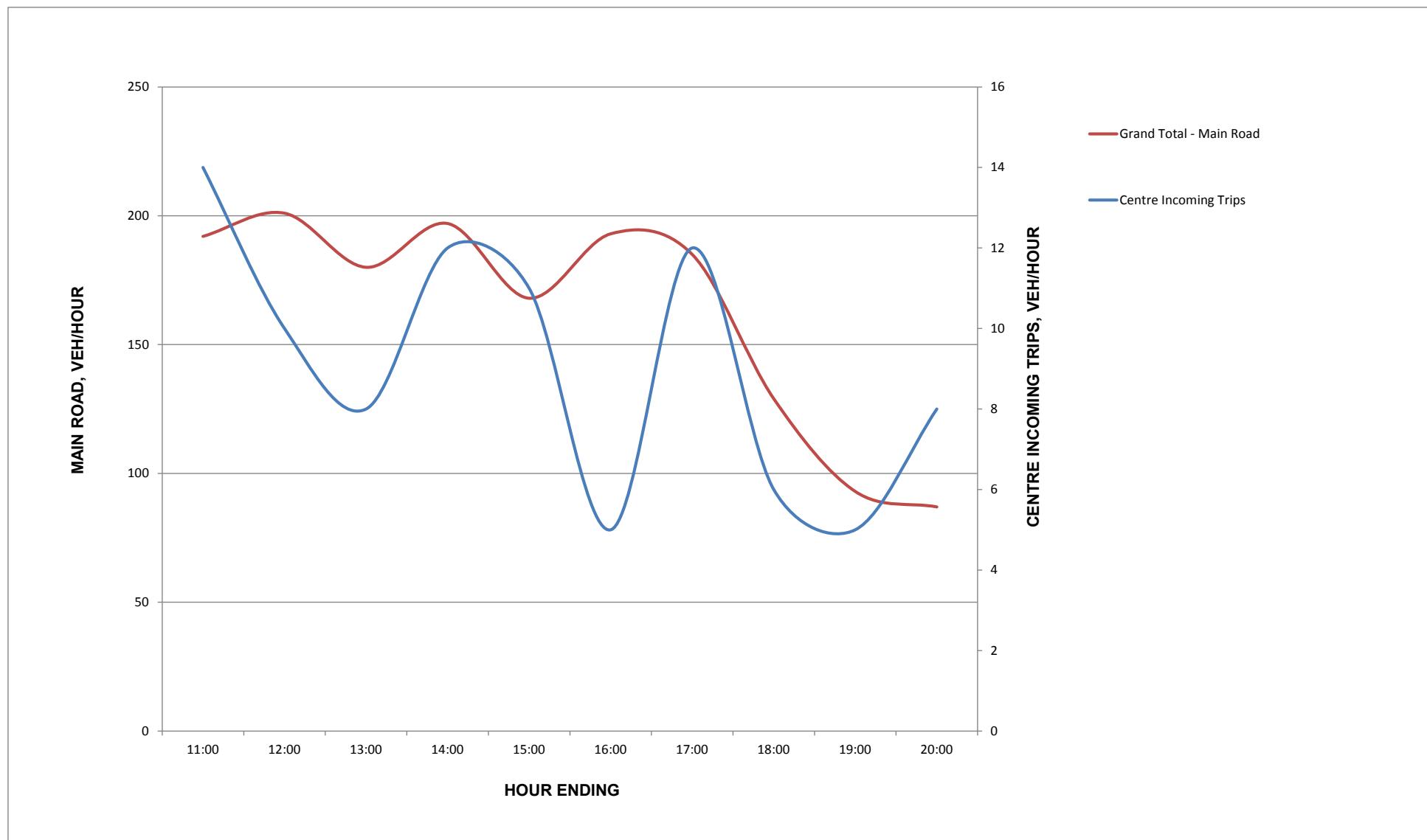


Figure 3.37 Site R4 Worrige Medical Centre, Worrige – Hourly trip distribution – Vehicles – Sunday 08/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.38 Site R4 Worrigee Medical Centre, Worrigee NSW 2540 – Monday 09/03/2015

Table 3.142 Site R4 Worrigee Medical Centre, Worrigee – Survey Results – 15-minute interval data – Monday 09/03/2015.

DATE	9 March 2015		Worrigee Medical Centre - 53 Isa Rd, Worrigee NSW 2540													Grand Total		Main Road Data		Grand Total - Main Road		Parking Demand												
15 minute Data																15 minute Data		15 minute Data		15 minute Data														
WEATHER Fine			Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)								Vehicles ³		Persons		EB		WB		Vehicles			Car Park			On Street			Total ⁴		
			IN	OUT	Total	Occupancy ¹	IN				OUT																							
TIME			Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total																							
AM																																		
7:00	to	7:15	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	9	30	39	0	0	0											
7:15	to	7:30	1	0	1	1.00	1	0	0	1	1.00	0	0	0	0	0	1	8	33	41	0	0	0											
7:30	to	7:45	1	0	1	1.00	1	0	0	1	1.00	0	0	0	0	0	1	10	27	37	1	0	1											
7:45	to	8:00	7	0	7	1.14	5	0	3	8	1.00	0	0	0	0	0	5	8	11	45	5	0	5											
8:00	to	8:15	12	2	14	1.17	5	0	3	8	1.00	2	0	0	2	7	10	18	47	65	9	0	9											
8:15	to	8:30	9	3	12	1.44	7	0	5	12	1.00	1	0	0	1	8	13	21	54	75	18	0	18											
8:30	to	8:45	6	5	11	1.33	6	0	4	10	1.00	6	0	0	6	12	16	24	29	53	19	7	26											
8:45	to	9:00	13	3	16	1.54	10	0	6	16	1.00	2	0	0	2	12	18	19	29	48	19	13	32											
9:00	to	9:15	11	3	14	1.45	6	6	0	12	2.00	2	2	1	5	11	17	19	21	40	19	18	37											
9:15	to	9:30	7	11	18	1.29	6	5	0	11	1.83	6	5	4	15	16	26	16	11	27	19	20	39											
9:30	to	9:45	10	8	18	1.40	7	6	0	13	1.86	5	4	3	12	16	25	19	22	41	19	22	41											
9:45	to	10:00	12	7	19	1.17	6	6	0	12	2.00	2	2	1	5	11	17	19	16	35	19	26	45											
10:00	to	10:15	14	10	24	1.57	5	5	0	10	2.00	6	5	4	15	16	25	14	18	32	19	29	48											
10:15	to	10:30	14	8	22	1.43	9	8	0	17	1.89	5	4	3	12	18	29	18	10	28	19	32	51											
10:30	to	10:45	16	9	25	1.75	12	11	1	24	1.92	5	4	2	11	22	35	21	20	41	19	35	54											
10:45	to	11:00	12	13	25	1.67	9	8	0	17	1.89	7	6	3	16	20	33	21	21	42	19	37	56											
11:00	to	11:15	5	9	14	2.60	6	8	0	14	2.33	10	13	0	23	22	37	17	19	36	19	39	58											
11:15	to	11:30	9	13	22	1.67	7	9	0	16	2.29	10	12	0	22	22	38	30	20	50	19	39	58											
11:30	to	11:45	9	7	16	1.44	7	9	0	16	2.29	6	8	0	14	17	30	24	18	42	19	39	58											
11:45	to	12:00	7	7	14	1.57	5	7	0	12	2.40	8	9	0	17	17	29	23	19	42	19	40	59											
PM																																		
12:00	to	12:15	10	18	28	1.90	6	7	0	13	2.17	11	14	0	25	22	38	25	19	44	19	41	60											
12:15	to	12:30	9	7	16	1.44	7	10	0	17	2.43	7	8	0	15	19	32	28	19	47	19	38	57											
12:30	to	12:45	6	10	16	1.50	3	3	0	6	2.00	4	5	0	9	8	15	23	19	42	19	35	54											
12:45	to	13:00	6	8	14	1.00	4	5	0	9	2.25	4	5	0	9	10	18	22	13	35	19	32	51											
13:00	to	13:15	2	10	12	1.00	2	1	1	4	1.50	12	5	1	18	14	22	20	19	39	19	29	48											
13:15	to	13:30	2	4	6	1.00	1	1	0	2	2.00	7	3	0	10	8	12	19	18	37	19	24	43											
13:30	to	13:45	4	5	9	1.00	4	3	1	8	1.75	5	2	1	8	9	16	14	21	35	19	19	38											
13:45	to	14:00	7	6	13	1.43	7	4	1	12	1.57	3	1	1	5	10	17	15	10	25	19	19	38											
14:00	to	14:15	11	2	13	1.64	5	3	1	9	1.60	3	1	1	5	8	14	21	20	41	19	19	38											
14:15	to	14:30	14	6	20	1.64	14	9	2	25	1.64	9	4	1	14	23	39	28	19	47	19	28	47											
14:30	to	14:45	10	6	16	1.30	11	7	2	20	1.64	10	4	1	15	21	35	24	38	62	19	36	55											
14:45	to	15:00	10	14	24	1.70	10	7	2	19	1.70	18	7	2	27	28	46	29	23	52	19	36	55											
15:00	to	15:15	6	9	15	1.50	6	9	0	15	2.50	6	7	0	13	12	28	31	20	51	19	36	55											
15:15	to	15:30	7	8	15	2.14	8	12	0	20	2.50	8	9	1	18	16	38	29	24	53	19	35	54											
15:30	to	15:45	14	10	24	1.64	8	13	0	21	2.63	7	8	1	16	15	37	28	26	54	19	34	53											
15:45	to	16:00	7	10	17	1.29	5	7	0	12	2.40	5	6	1	12	10	24	36	19	55	19	35	54											
16:00	to	16:15	6	17	23	1.17	8	13	0	21	2.63	6	7	0	13	14	34	35	17	52	19	35	54											
16:15	to	16:30	8	10	18	1.75	8	12	0	20	2.50	10	12	1	23	18	43	28	20	48	19	34	53											
16:30	to	16:45	7	9	16	1.57	6	8	0	14	2.33	11	13	1	25	17	39	24	16	40	19	32	51											
16:45	to	17:00	6	10	16	1.83	5	7	0	12	2.40	9	11	1	21	14	33	28	19	47	19	28	47											
17:00	to	17:15	3	10	13	1.67	9	3	0	12	1.33	10	3	0	13	19	25	39	20	59	19	24	43											
17:15	to	17:30	9	11	20	1.56	7	2	0	9	1.29	15	5	0	20	22	29	37	20	57	19	20	39											
17:30	to	17:45	4	9	13	1.25	7	2	0	9	1.29	14	5	0	19	21	28	24	17	41	19	15	34											
17:45	to	18:00	13	12	25	1.31	8	3	0	11	1.38	9	3	0	12	17	23	28	11	39	19	13	32											
18:00	to	18:15	2	8	10	1.50	5	2	0	7	1.40	8	3	0	11	13	18	15	10	25	19	11	30											
18:15	to	18:30	3	7	10	2.00	4	1	0	5	1.25	5	2	0	7	9	12	21	6	27	19	6	25											
18:30	to	18:45	4	6	10	1.50	4	1	0	5	1.25	5	2	0	7	9	12	12	8	20	19	1	20											
18:45	to	19:00	3	5	8	1.67	5	2	0	7	1.40	5	2	0	7	10	14	23	14	37	18	0	18											
19:00	to	19:15	3	3	6	2.00	5	3	0	8	1.60	1	1	0	2	6	10	13	5	18	16	0	16											
19:15	to	19:30	3	5	8	1.00	2	2	0	4	2.00	4	3	0	7	6	11	18	12	30	15	0	15											
19:30	to	19:45	4	2	6	1.75	2	2	0	4	2.00	4	3	1	8	6	12	14	8	22	14	0	14											
19:45	to	20:00	3	5	8	1.33	3	2	0	5	1.67	3	2	0	5	6	10	10	8	18	14	0	14											
20:00	to	20:15	3	4	7	1.67	4	2	0	6	1.50	1	0	0	1	5	7	18	8	26	14	0	14											
20:15	to	20:30	2	2	4	1.50	1	1	0	2	2.00	2	2	0	4	3	6	7	10	17	14	0	14											
20:30	to	20:45	3	2	5	1.33	3	2	0	5	1.67	4	3	1	8	7	13	7	7	14	13	0	13											
20:45	to	21:00	3	4	7	1.00	1	1	0	2	2.00	2	2	0	4	3	6	11	12	23	13	0	13											
21:00	to	21:15	0	2	2	0.00	1	0	0	1	1.00	3	2	0	5	4	6	8	6	14	13	0	13											
21:15	to	21:30	1	3	4	1.00	0	0	0	0	0.00	3	2	0	5	3	5	6	9	15	11	0	11											
21:30	to	21:45	0	2	2	0.00	0	0	0	0	0.00	3	2	0	5	3	5	6	7	13	9	0	9											
21:45	to	22:00	0	2	2	0.00	0	0	0	0	0.00	0	0	0	0	0	0	1	2	3	7	0	7											
TOTAL			393	391	784	1.47	319	260	32	611	1.78	339	253	37	629	722	1240	1186	1108	2294	Total Car Park Spaces - 19													

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.143 Site R4 Worrigger Medical Centre, Worrigger – Survey Results – Hourly data – rolling at 15 minute intervals – Monday 09/03/2015.

DATE	9 March 2015	Worrigger Medical Centre - 53 Isa Rd, Worrigger NSW 2540										Grand Total		Main Road Data		Grand Total - Main Road			
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)								1-hour Data		1-hour Data			
WEATHER	Fine	IN	OUT	Total	Occupancy ¹	IN				OUT				Vehicles ³	Persons	EB	WB		
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total					
AM																			
7:00	to 8:00	9	0	9	1.11	7	0	3	10	1.00	0	0	0	0	7	10	38	135	
7:15	to 8:15	21	2	23	1.14	12	0	6	18	1.00	2	0	0	2	14	20	47	152	
7:30	to 8:30	29	5	34	1.24	18	0	11	29	1.00	3	0	0	3	21	32	60	173	
7:45	to 8:45	34	10	44	1.26	23	0	15	38	1.00	9	0	0	9	32	47	74	175	
8:00	to 9:00	40	13	53	1.38	28	0	18	46	1.00	11	0	0	11	39	57	82	159	
8:15	to 9:15	39	14	53	1.46	29	6	15	50	1.21	11	2	1	14	43	64	83	133	
8:30	to 9:30	37	22	59	1.43	28	11	10	49	1.39	16	7	5	28	51	77	78	90	
8:45	to 9:45	41	25	66	1.44	29	17	6	52	1.59	15	11	8	34	55	86	73	83	
9:00	to 10:00	40	29	69	1.33	25	23	0	48	1.92	15	13	9	37	54	85	73	70	
9:15	to 10:15	43	36	79	1.37	24	22	0	46	1.92	19	16	12	47	59	93	68	67	
9:30	to 10:30	50	33	83	1.40	27	25	0	52	1.93	18	15	11	44	61	96	70	66	
9:45	to 10:45	56	34	90	1.50	32	30	1	63	1.94	18	15	10	43	67	106	72	64	
10:00	to 11:00	56	40	96	1.61	35	32	1	68	1.91	23	19	12	54	76	122	74	69	
10:15	to 11:15	47	39	86	1.72	36	35	1	72	1.97	27	27	8	62	82	134	77	70	
10:30	to 11:30	42	44	86	1.81	34	36	1	71	2.06	32	35	5	72	86	143	89	80	
10:45	to 11:45	35	42	77	1.74	29	34	0	63	2.17	33	39	3	75	81	138	92	78	
11:00	to 12:00	30	36	66	1.73	25	33	0	58	2.32	34	42	0	76	78	134	94	76	
11:15	to 12:15	35	45	80	1.66	25	32	0	57	2.28	35	43	0	78	78	135	102	76	
11:30	to 12:30	35	39	74	1.60	25	33	0	58	2.32	32	39	0	71	75	129	100	75	
11:45	to 12:45	32	42	74	1.63	21	27	0	48	2.29	30	36	0	66	66	114	99	76	
PM																			
12:00	to 13:00	31	43	74	1.52	20	25	0	45	2.25	26	32	0	58	59	103	98	70	
12:15	to 13:15	23	35	58	1.30	16	19	1	36	2.19	27	23	1	51	51	87	93	70	
12:30	to 13:30	16	32	48	1.19	10	10	1	21	2.00	27	18	1	46	40	67	84	69	
12:45	to 13:45	14	27	41	1.00	11	10	2	23	1.91	28	15	2	45	41	68	75	71	
13:00	to 14:00	15	25	40	1.20	14	9	3	26	1.64	27	11	3	41	41	67	68	68	
13:15	to 14:15	24	17	41	1.42	17	11	3	31	1.65	18	7	3	28	35	59	69	69	
13:30	to 14:30	36	19	55	1.53	30	19	5	54	1.63	20	8	4	32	50	86	78	70	
13:45	to 14:45	42	20	62	1.52	37	23	6	66	1.62	25	10	4	39	62	105	88	87	
14:00	to 15:00	45	28	73	1.58	40	26	7	73	1.65	40	16	5	61	80	134	102	100	
14:15	to 15:15	40	35	75	1.55	41	32	6	79	1.78	43	22	4	69	84	148	112	100	
14:30	to 15:30	33	37	70	1.64	35	35	4	74	2.00	42	27	4	73	77	147	113	105	
14:45	to 15:45	37	41	78	1.73	32	41	2	75	2.28	39	31	4	74	71	149	117	93	
15:00	to 16:00	34	37	71	1.65	27	41	0	68	2.52	26	30	3	59	53	127	124	89	
15:15	to 16:15	34	35	69	1.59	29	45	0	74	2.55	26	30	3	59	55	133	128	86	
15:30	to 16:30	35	37	72	1.51	29	45	0	74	2.55	28	33	3	64	57	138	127	82	
15:45	to 16:45	28	36	64	1.46	27	40	0	67	2.48	32	38	3	73	59	140	123	72	
16:00	to 17:00	27	36	63	1.59	27	40	0	67	2.48	36	43	3	82	63	149	115	72	
16:15	to 17:15	24	39	63	1.71	28	30	0	58	2.07	40	39	3	82	68	140	119	75	
16:30	to 17:30	25	40	65	1.64	27	20	0	47	1.74	45	32	2	79	72	126	128	75	
16:45	to 17:45	22	40	62	1.59	28	14	0	42	1.50	48	24	1	73	76	115	128	76	
17:00	to 18:00	29	42	71	1.41	31	10	0	41	1.32	48	16	0	64	79	105	128	68	
17:15	to 18:15	28	40	68	1.39	27	9	0	36	1.33	46	16	0	62	73	98	104	58	
17:30	to 18:30	22	36	58	1.41	24	8	0	32	1.33	36	13	0	49	60	81	88	44	
17:45	to 18:45	22	33	55	1.45	21	7	0	28	1.33	27	10	0	37	48	65	76	35	
18:00	to 19:00	12	26	38	1.67	18	6	0	24	1.33	23	9	0	32	41	56	71	38	
18:15	to 19:15	13	21	34	1.77	18	7	0	25	1.39	16	7	0	23	34	48	69	33	
18:30	to 19:30	13	19	32	1.54	16	8	0	24	1.50	15	8	0	23	31	47	66	39	
18:45	to 19:45	13	15	28	1.62	14	9	0	23	1.64	14	9	1	24	28	47	68	39	
19:00	to 20:00	13	15	28	1.54	12	9	0	21	1.75	12	9	1	22	24	43	55	33	
19:15	to 20:15	13	16	29	1.46	11	8	0	19	1.73	12	8	1	21	23	40	60	36	
19:30	to 20:30	12	13	25	1.58	10	7	0	17	1.70	10	7	1	18	20	35	49	34	
19:45	to 20:45	11	13	24	1.45	11	7	0	18	1.64	10	7	1	18	21	36	42	33	
20:00	to 21:00	11	12	23	1.36	9	6	0	15	1.67	9	7	1	17	18	32	43	37	
20:15	to 21:15	8	10	18	1.25	6	4	0	10	1.67	11	9	1	21	17	31	33	35	
20:30	to 21:30	7	11	18	1.14	5	3	0	8	1.60	12	9	1	22	17	30	32	34	
20:45	to 21:45	4	11	15	1.00	2	1	0	3	1.50	11	8	0	19	13	22	31	34	
21:00	to 22:00	1	9	10	1.00	1	0	0	1	1.00	9	6	0	15	10	16	21	24	

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.144 Site R4 Worrige Medical Centre, Worrige – Hourly data – Consecutive – Monday 09/03/2015.

DATE 9 March 2015	Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540												
1-hour Data	Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)								
WEATHER Fine					IN					OUT			
TIME	IN	OUT	Total	Occupancy ¹	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total
AM													
7:00 to 8:00	9	0	9	1.11	7	0	3	10	1.00	0	0	0	0
8:00 to 9:00	40	13	53	1.38	28	0	18	46	1.00	11	0	0	11
9:00 to 10:00	40	29	69	1.33	25	23	0	48	1.92	15	13	9	37
10:00 to 11:00	56	40	96	1.61	35	32	1	68	1.91	23	19	12	54
11:00 to 12:00	30	36	66	1.73	25	33	0	58	2.32	34	42	0	76
PM													
12:00 to 13:00	31	43	74	1.52	20	25	0	45	2.25	26	32	0	58
13:00 to 14:00	15	25	40	1.20	14	9	3	26	1.64	27	11	3	41
14:00 to 15:00	45	28	73	1.58	40	26	7	73	1.65	40	16	5	61
15:00 to 16:00	34	37	71	1.65	27	41	0	68	2.52	26	30	3	59
16:00 to 17:00	27	36	63	1.59	27	40	0	67	2.48	36	43	3	82
17:00 to 18:00	29	42	71	1.41	31	10	0	41	1.32	48	16	0	64
18:00 to 19:00	12	26	38	1.67	18	6	0	24	1.33	23	9	0	32
19:00 to 20:00	13	15	28	1.54	12	9	0	21	1.75	12	9	1	22
20:00 to 21:00	11	12	23	1.36	9	6	0	15	1.67	9	7	1	17
21:00 to 22:00	1	9	10	1.00	1	0	0	1	1.00	9	6	0	15
Total	393	391	784	1.47	319	260	32	611	1.82	339	253	37	629

Grand Total
1-hour Data
Vehicles ⁴
7
39
54
76
78
59
41
80
53
63
79
41
24
18
10
722

Persons
10
57
85
122
134
103
67
134
127
149
105
56
43
32
16
24
1240

Main Road Data ⁵
1-hour Data
EB
38
82
73
74
94
98
68
102
124
115
128
71
55
43
21
1186

WB
135
159
70
69
76
70
68
100
89
72
68
38
33
37
24
1108

Grand Total - Main Road
1-hour Data
Vehicles
173
241
143
143
170
168
136
202
213
187
196
109
88
80
45
2294

Table 3.145 Site R4 Worrige Medical Centre, Worrige – Travel mode – Monday 09/03/2015.

DATE 9 March 2015	Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540												
Average group size (people)	Average duration of stay (hrs)	Travel Mode											
		Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other	
1.60	0:43	IN	Total	38	26	5	0	0	0	0	1	4	0
			%	51.4	35.1	6.8	0.0	0.0	0.0	0.0	1.4	5.4	0.0
		OUT	Total	38	26	5	0	0	0	0	0	5	0
			%	51.4	35.1	6.8	0.0	0.0	0.0	0.0	0.0	6.8	0.0

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² The number of incoming trips in Figure 3.60 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

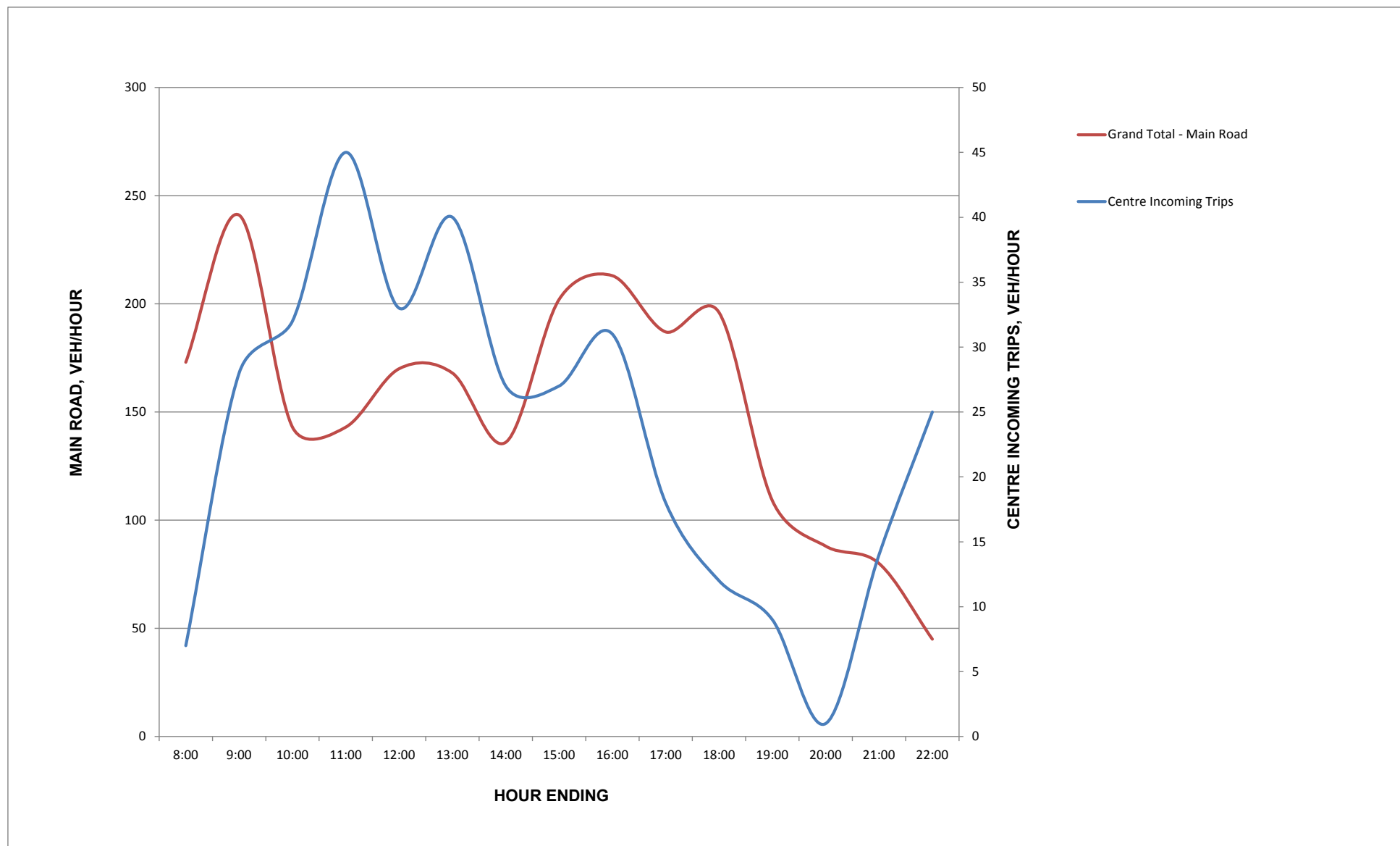


Figure 3.38 Site R4 Worrige Medical Centre, Worrige – Hourly trip distribution – Vehicles – Monday 09/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.39 Site R4 Worrigee Medical Centre, Worrigee NSW 2540 – Tuesday 10/03/2015

Table 3.146 Site R4 Worrigee Medical Centre, Worrigee – Survey Results – 15-minute interval data – Tuesday 10/03/2015.

DATE	10 March 2015	Worrigee Medical Centre - 53 Isa Rd, Worrigee NSW 2540													Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand			
	15 minute Data	Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data	15 minute Data		
WEATHER	Fine					IN					OUT												
TIME		IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	EB	WB	Vehicles	Car Park	On Street	Total ⁴	
AM																							
7:00	to 7:15	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	2	25	27	0	0	0	
7:15	to 7:30	1	0	1	1.00	1	0	0	1	1.00	0	0	0	0	1	1	4	33	37	0	0	0	
7:30	to 7:45	1	0	1	1.00	1	0	0	1	1.00	0	0	0	0	1	1	23	28	51	1	0	1	
7:45	to 8:00	12	1	13	1.50	8	7	0	15	1.88	0	0	0	0	9	15	18	47	65	7	0	7	
8:00	to 8:15	17	4	21	1.29	9	7	0	16	1.78	3	2	0	5	13	21	17	53	70	13	0	13	
8:15	to 8:30	13	5	18	1.38	9	8	0	17	1.89	4	3	0	7	15	24	30	52	82	19	5	24	
8:30	to 8:45	16	8	24	1.31	7	6	0	13	1.66	6	4	0	10	14	23	17	38	55	19	15	34	
8:45	to 9:00	10	6	16	1.40	10	9	0	19	1.90	5	4	0	9	17	28	21	27	48	19	21	40	
9:00	to 9:15	15	12	27	1.47	9	11	0	20	2.22	8	8	0	16	24	36	23	28	51	19	27	46	
9:15	to 9:30	10	10	20	1.20	6	8	0	14	2.33	7	7	0	14	19	28	10	13	23	19	29	48	
9:30	to 9:45	13	8	21	1.62	7	9	0	16	2.29	5	5	0	10	17	26	22	12	34	19	30	49	
9:45	to 10:00	16	10	26	1.94	8	10	0	18	2.25	4	4	0	7	17	25	12	18	30	19	36	55	
10:00	to 10:15	3	8	11	2.00	3	4	0	7	2.33	4	4	0	8	10	15	13	16	29	19	41	60	
10:15	to 10:30	12	7	19	1.42	8	10	0	18	2.25	8	8	0	16	23	34	10	9	19	19	41	60	
10:30	to 10:45	14	13	27	1.79	5	6	0	11	2.20	9	9	0	17	19	28	6	7	13	19	41	60	
10:45	to 11:00	8	11	19	1.50	7	9	0	16	2.29	8	8	0	15	20	31	13	5	18	19	40	59	
11:00	to 11:15	11	17	28	1.27	8	6	0	14	1.75	13	12	0	25	26	39	14	15	29	19	38	57	
11:15	to 11:30	9	9	18	1.33	10	9	0	19	1.90	9	9	0	18	24	37	14	11	25	19	35	54	
11:30	to 11:45	10	11	21	1.20	3	3	0	6	2.00	8	8	0	16	15	22	9	21	30	19	32	51	
11:45	to 12:00	14	12	26	1.29	6	5	0	11	1.83	7	7	0	14	16	25	18	10	28	19	33	52	
PM																							
12:00	to 12:15	10	13	23	1.20	9	8	0	17	1.89	10	9	0	19	24	36	20	21	41	19	34	53	
12:15	to 12:30	9	14	23	1.78	5	5	0	10	2.00	9	8	0	17	17	27	19	15	34	19	30	49	
12:30	to 12:45	8	13	21	1.13	8	6	0	14	1.75	7	7	0	14	18	28	16	16	32	19	26	45	
12:45	to 13:00	7	8	15	1.29	4	4	0	8	2.00	5	4	0	9	11	17	24	23	47	19	23	42	
13:00	to 13:15	5	10	15	1.20	4	3	0	7	1.75	8	10	0	18	13	25	16	12	28	19	20	39	
13:15	to 13:30	8	7	15	1.25	5	4	0	9	1.80	4	5	0	9	10	18	20	11	31	19	18	37	
13:30	to 13:45	13	8	21	1.38	7	6	0	13	1.86	4	6	0	10	12	23	12	8	20	19	15	34	
13:45	to 14:00	10	5	15	1.40	10	9	0	19	1.90	3	3	0	6	13	25	18	22	40	19	20	39	
14:00	to 14:15	11	5	16	1.64	5	5	0	10	2.00	1	2	0	3	7	13	20	20	40	19	25	44	
14:15	to 14:30	17	7	24	1.59	11	9	0	20	1.82	6	7	0	13	18	33	16	23	39	19	33	52	
14:30	to 14:45	9	13	22	1.33	4	4	0	8	2.00	7	9	0	16	12	24	21	35	56	19	41	60	
14:45	to 15:00	7	13	20	1.14	4	4	0	8	2.00	6	7	0	13	11	21	29	18	47	19	36	55	
15:00	to 15:15	8	9	17	1.88	6	8	2	16	2.33	10	10	1	21	16	37	25	22	47	19	31	50	
15:15	to 15:30	9	6	15	1.78	6	8	1	15	2.33	5	5	0	10	11	25	34	21	55	19	32	51	
15:30	to 15:45	7	9	16	1.43	7	9	1	17	2.29	9	9	2	20	16	37	33	22	55	19	33	52	
15:45	to 16:00	9	9	18	1.56	6	8	2	16	2.33	5	5	2	12	11	28	35	30	65	19	32	51	
16:00	to 16:15	9	10	19	1.67	8	10	2	20	2.25	6	6	2	14	14	34	34	26	60	19	31	50	
16:15	to 16:30	9	10	19	1.22	4	5	1	10	2.25	9	9	1	19	13	29	41	21	62	19	30	49	
16:30	to 16:45	12	16	28	1.33	2	3	1	6	2.50	4	4	0	8	6	14	47	27	74	19	29	48	
16:45	to 17:00	2	6	8	1.00	3	4	1	8	2.33	11	11	3	25	14	33	26	20	46	19	25	44	
17:00	to 17:15	10	14	24	1.50	4	4	1	9	2.00	6	7	1	14	10	23	38	20	58	19	21	40	
17:15	to 17:30	5	13	18	1.60	4	4	0	8	2.00	6	7	1	14	10	22	41	14	55	19	15	34	
17:30	to 17:45	4	7	11	1.25	2	2	1	5	2.00	9	10	1	20	11	25	26	26	52	19	9	28	
17:45	to 18:00	1	10	11	2.00	1	1	1	3	2.00	2	2	1	5	3	8	24	26	50	19	3	22	
18:00	to 18:15	4	3	7	1.50	2	2	0	4	2.00	2	2	0	4	4	8	33	24	57	16	0	16	
18:15	to 18:30	3	8	11	1.33	2	2	0	4	2.00	5	5	1	11	7	15	31	16	47	14	0	14	
18:30	to 18:45	3	5	8	1.67	2	2	1	5	2.00	2	2	0	4	4	9	19	21	40	12	0	12	
18:45	to 19:00	5	2	7	1.40	4	4	0	8	2.00	1	1	0	2	5	10	19	11	30	13	0	13	
TOTAL		419	405	824	1.43	264	270	15	549	2.01	270	274	16	557	621	1106	1033	1039	2072	Total Car Park Spaces - 19			

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.147 Site R4 Worrigee Medical Centre, Worrigee – Survey Results – Hourly data – rolling at 15 minute intervals – Tuesday 10/03/2015.

DATE 10 March 2015		Worrigee Medical Centre - 53 Isa Rd, Worrigee NSW 2540														Grand Total		Main Road Data		Grand Total - Main Road	
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine		IN	OUT	Total	Occupancy ¹	IN				OUT				Vehicles ³	Persons	EB	WB	Vehicles			
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total		
AM																					
7:00	to 8:00	14	1	15	1.43	10	7	0	17	1.70	0	0	0	0	11	17	47	133	180		
7:15	to 8:15	31	5	36	1.35	19	14	0	33	1.74	3	2	0	5	24	38	62	161	223		
7:30	to 8:30	43	10	53	1.37	27	22	0	49	1.81	7	5	0	12	38	61	88	180	268		
7:45	to 8:45	58	18	76	1.36	33	28	0	61	1.85	13	9	0	22	51	83	82	190	272		
8:00	to 9:00	56	23	79	1.34	35	30	0	65	1.86	18	13	0	31	59	96	85	170	255		
8:15	to 9:15	54	31	85	1.39	35	34	0	69	1.97	23	19	0	42	70	111	91	145	236		
8:30	to 9:30	51	36	87	1.35	32	34	0	66	2.06	26	23	0	49	74	115	71	106	177		
8:45	to 9:45	48	36	84	1.44	32	37	0	69	2.16	25	24	0	49	77	118	76	80	156		
9:00	to 10:00	54	40	94	1.59	30	38	0	68	2.27	24	24	0	47	77	115	67	71	138		
9:15	to 10:15	42	36	78	1.67	24	31	0	55	2.29	20	20	0	39	63	94	57	59	116		
9:30	to 10:30	44	33	77	1.70	26	33	0	59	2.27	21	21	0	41	67	100	57	55	112		
9:45	to 10:45	45	38	83	1.76	24	30	0	54	2.25	25	25	0	48	69	102	41	50	91		
10:00	to 11:00	37	39	76	1.62	23	29	0	52	2.26	29	29	0	56	72	108	42	37	79		
10:15	to 11:15	45	48	93	1.51	28	31	0	59	2.11	38	37	0	73	88	132	43	36	79		
10:30	to 11:30	42	50	92	1.50	30	30	0	60	2.00	39	38	0	75	89	135	47	38	85		
10:45	to 11:45	38	48	86	1.32	28	27	0	55	1.96	38	37	0	74	85	129	50	52	102		
11:00	to 12:00	44	49	93	1.27	27	23	0	50	1.85	37	36	0	73	81	123	55	57	112		
11:15	to 12:15	43	45	88	1.26	28	25	0	53	1.89	34	33	0	67	79	120	61	63	124		
11:30	to 12:30	43	50	93	1.35	23	21	0	44	1.91	34	32	0	66	72	110	66	67	133		
11:45	to 12:45	41	52	93	1.34	28	24	0	52	1.86	33	31	0	64	75	116	73	62	135		
PM																					
12:00	to 13:00	34	48	82	1.35	26	23	0	49	1.88	31	28	0	59	70	108	79	75	154		
12:15	to 13:15	29	45	74	1.38	21	18	0	39	1.86	29	29	0	58	59	97	75	66	141		
12:30	to 13:30	28	38	66	1.21	21	17	0	38	1.81	24	26	0	50	52	88	76	62	138		
12:45	to 13:45	33	33	66	1.30	20	17	0	37	1.85	21	25	0	46	46	83	72	54	126		
13:00	to 14:00	36	30	66	1.33	26	22	0	48	1.85	19	24	0	43	48	91	66	53	119		
13:15	to 14:15	42	25	67	1.43	27	24	0	51	1.89	12	16	0	28	42	79	70	61	131		
13:30	to 14:30	51	25	76	1.51	33	29	0	62	1.88	14	18	0	32	50	94	66	73	139		
13:45	to 14:45	47	30	77	1.51	30	27	0	57	1.90	17	21	0	38	50	95	75	100	175		
14:00	to 15:00	44	38	82	1.48	24	22	0	46	1.92	20	25	0	45	48	91	86	96	182		
14:15	to 15:15	41	42	83	1.51	25	25	2	52	2.00	29	33	1	63	57	115	91	98	189		
14:30	to 15:30	33	41	74	1.55	20	24	3	47	2.20	28	31	1	60	50	107	109	96	205		
14:45	to 15:45	31	37	68	1.58	23	29	4	56	2.26	30	31	3	64	54	120	121	83	204		
15:00	to 16:00	33	33	66	1.67	25	33	6	64	2.32	29	29	5	63	54	127	127	95	222		
15:15	to 16:15	34	34	68	1.62	27	35	6	68	2.30	25	25	6	56	52	124	136	99	235		
15:30	to 16:30	34	38	72	1.47	25	32	6	63	2.28	29	29	7	65	54	128	143	99	242		
15:45	to 16:45	39	45	84	1.44	20	26	6	52	2.30	24	24	5	53	44	105	157	104	261		
16:00	to 17:00	32	42	74	1.38	17	22	5	44	2.29	30	30	6	66	47	110	148	94	242		
16:15	to 17:15	33	46	79	1.33	13	16	4	33	2.23	30	31	5	66	43	99	152	88	240		
16:30	to 17:30	29	49	78	1.41	13	15	3	31	2.15	27	29	5	61	40	92	152	81	233		
16:45	to 17:45	21	40	61	1.43	13	14	3	30	2.08	32	35	6	73	45	103	131	80	211		
17:00	to 18:00	20	44	64	1.50	11	11	3	25	2.00	23	26	4	53	34	78	129	86	215		
17:15	to 18:15	14	33	47	1.50	9	9	2	20	2.00	19	21	3	43	28	63	124	90	214		
17:30	to 18:30	12	28	40	1.42	7	7	2	16	2.00	18	19	3	40	25	56	114	92	206		
17:45	to 18:45	11	26	37	1.55	7	7	2	16	2.00	11	11	2	24	18	40	107	87	194		
18:00	to 19:00	15	18	33	1.47	10	10	1	21	2.00	10	10	1	21	20	42	102	72	174		

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.148 Site R4 Worrige Medical Centre, Worrige – Hourly data – Consecutive – Tuesday 10/03/2015.

DATE 10 March 2015	Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540													
1-hour Data														
WEATHER Fine	Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)									
TIME	IN	OUT	Total	Occupancy ¹	IN					OUT				
					Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	
AM														
7:00 to 8:00	14	1	15	1.43	10	7	0	17	1.70	0	0	0	0	
8:00 to 9:00	56	23	79	1.34	35	30	0	65	1.86	18	13	0	31	
9:00 to 10:00	54	40	94	1.59	30	38	0	68	2.27	24	24	0	47	
10:00 to 11:00	37	39	76	1.62	23	29	0	52	2.26	29	29	0	56	
11:00 to 12:00	44	49	93	1.27	27	23	0	50	1.85	37	36	0	73	
PM														
12:00 to 13:00	34	48	82	1.35	26	23	0	49	1.88	31	28	0	59	
13:00 to 14:00	36	30	66	1.33	26	22	0	48	1.85	19	24	0	43	
14:00 to 15:00	44	38	82	1.48	24	22	0	46	1.92	20	25	0	45	
15:00 to 16:00	33	33	66	1.67	25	33	6	64	2.32	29	29	5	63	
16:00 to 17:00	32	42	74	1.38	17	22	5	44	2.29	30	30	6	66	
17:00 to 18:00	20	44	64	1.50	11	11	3	25	2.00	23	26	4	53	
18:00 to 19:00	15	18	33	1.47	10	10	1	21	2.00	10	10	1	21	
Total	419	405	824	1.45	264	270	15	549	2.02	270	274	16	557	

Grand Total
1-hour Data
Vehicles ⁴
11
59
77
72
81
70
48
48
54
47
34
20
621

Persons
17
96
115
108
123
108
91
91
127
110
78
42
1106

Main Road Data ⁵
1-hour Data
EB
47
85
67
42
55
79
66
86
127
148
129
102
1033

WB
133
170
71
37
57
75
53
96
95
94
86
72
1039

Grand Total - Main Road
1-hour Data
Vehicles
180
255
138
79
112
154
119
182
222
242
215
174
2072

Table 3.149 Site R4 Worrige Medical Centre, Worrige – Travel mode – Tuesday 10/03/2015.

DATE 10 March 2015	Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540													
Average group size (people)	Average duration of stay (hrs)	Travel Mode												
		Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other		
1.67	0:36	IN	Total	45	35	9	0	0	0	0	0	1	0	
			%	50.0	38.9	10.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	
		OUT	Total	45	35	9	0	0	0	0	0	1	0	
			%	50.0	38.9	10.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² The number of incoming trips in Figure 3.61 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

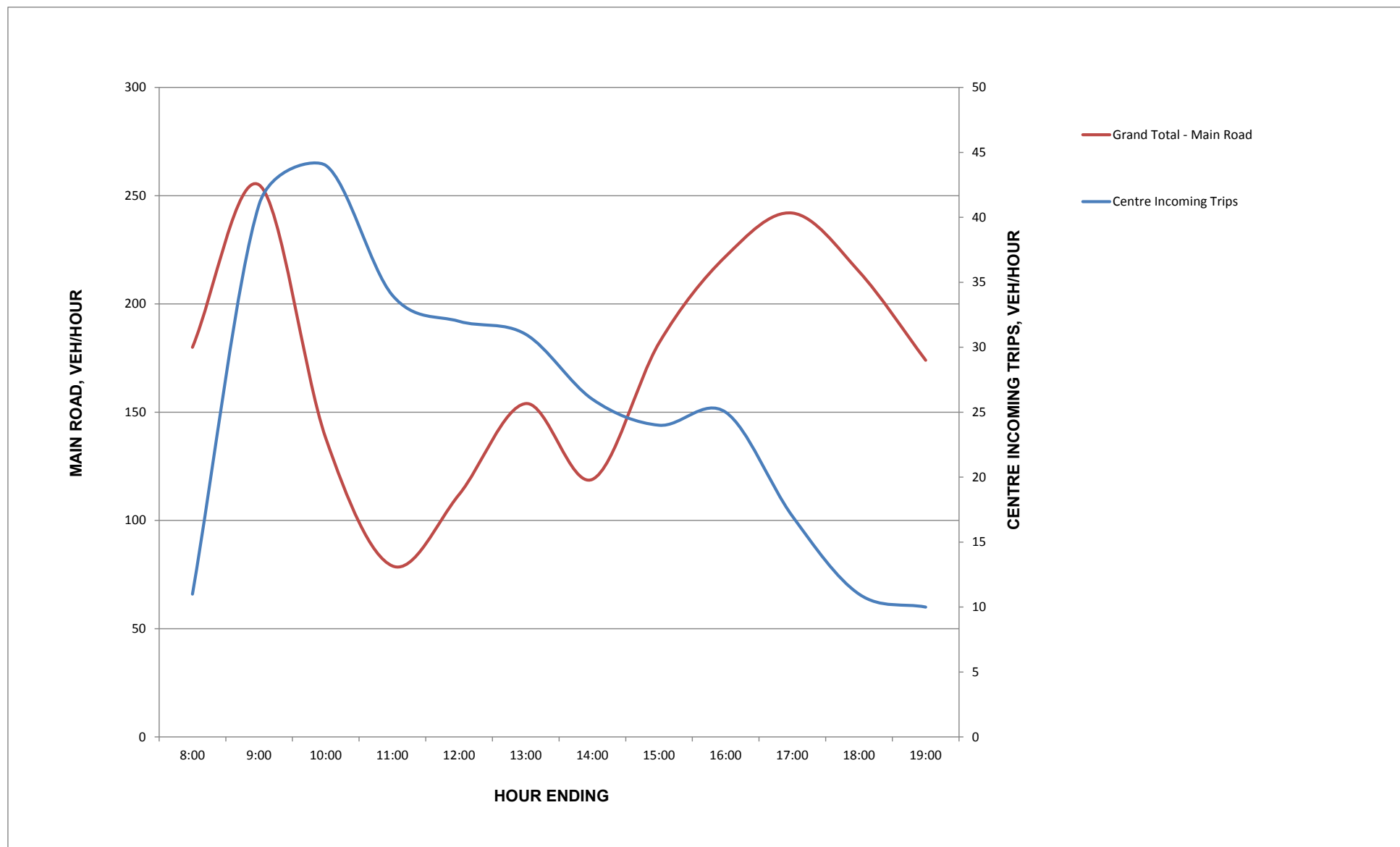


Figure 3.39 Site R4 Worrige Medical Centre, Worrige – Hourly trip distribution – Vehicles – Tuesday 10/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.40 Site R4 Worrigee Medical Centre, Worrigee NSW 2540 – Wednesday 11/03/2015

Table 3.150 Site R4 Worrigee Medical Centre, Worrigee – Survey Results – 15-minute interval data – Wednesday 11/03/2015.

DATE 11 March 2015	Worrigee Medical Centre - 53 Isa Rd, Worrigee NSW 2540													Grand Total	Main Road Data	Grand Total - Main Road	Parking Demand			
15 minute Data														15 minute Data	15 minute Data	15 minute Data	15 minute Data			
WEATHER Fine	Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)															
TIME	IN	OUT	Total	Occupancy ¹	IN					OUT					EB	WB				
AM					Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons		Car Park	On Street	Total ⁴	
7:00 to 7:15	1	0	1	1.00	1	0	0	1	1.00	0	0	0	0	1	1	3	33	1	0	1
7:15 to 7:30	1	0	1	1.00	1	0	0	1	1.00	0	0	0	0	1	1	4	32	0	1	1
7:30 to 7:45	2	0	2	1.00	0	0	0	0	0.00	0	0	0	0	0	0	10	32	2	0	2
7:45 to 8:00	8	0	8	1.25	3	1	0	4	1.33	0	0	0	0	3	4	8	42	7	-1	6
8:00 to 8:15	6	1	7	1.00	8	3	0	11	1.38	1	1	0	2	9	13	15	55	12	-2	10
8:15 to 8:30	15	6	21	1.47	18	7	0	25	1.39	4	1	0	5	22	30	17	52	17	1	18
8:30 to 8:45	17	8	25	1.29	6	3	0	9	1.50	4	2	0	6	10	15	24	46	19	7	26
8:45 to 9:00	14	5	19	1.14	14	5	0	19	1.36	14	5	0	19	28	38	17	19	19	6	25
9:00 to 9:15	11	10	21	1.18	7	7	0	14	2.00	5	4	0	9	15	23	15	18	19	5	24
9:15 to 9:30	14	11	25	1.57	9	9	0	18	2.00	4	3	0	7	17	25	18	17	19	9	28
9:30 to 9:45	15	14	29	1.33	8	8	0	16	2.00	10	8	0	18	22	34	9	25	19	13	32
9:45 to 10:00	12	11	23	1.25	9	9	0	18	2.00	10	8	0	18	24	36	14	24	19	11	30
10:00 to 10:15	9	9	18	1.44	5	5	0	10	2.00	3	3	0	6	11	16	12	16	19	10	29
10:15 to 10:30	8	14	22	1.50	6	6	0	12	2.00	9	8	0	17	19	29	9	14	19	12	31
10:30 to 10:45	11	8	19	1.64	5	5	0	10	2.00	6	5	0	11	14	21	13	7	19	14	33
10:45 to 11:00	14	10	24	2.07	10	10	0	20	2.00	9	8	0	17	24	37	23	17	19	14	33
11:00 to 11:15	7	6	13	1.86	6	6	0	12	2.00	7	6	0	13	13	25	13	6	19	14	33
11:15 to 11:30	7	10	17	1.43	4	4	0	8	2.00	5	5	0	10	9	18	15	18	19	13	32
11:30 to 11:45	12	9	21	1.58	7	7	0	14	2.00	8	8	0	16	15	30	15	19	19	13	32
11:45 to 12:00	10	10	20	1.80	10	10	0	20	2.00	9	8	0	17	19	37	17	14	19	16	35
PM																				
12:00 to 12:15	13	15	28	1.38	8	8	0	16	2.00	8	8	0	16	16	32	17	20	19	25	44
12:15 to 12:30	7	8	15	1.43	6	6	0	12	2.00	9	8	0	17	15	29	14	9	19	24	43
12:30 to 12:45	5	7	12	1.40	2	2	0	4	2.00	6	5	0	11	8	15	13	15	19	22	41
12:45 to 13:00	6	12	18	1.33	6	6	0	12	2.00	11	9	0	20	17	32	15	17	19	18	37
13:00 to 13:15	3	5	8	1.00	1	1	0	2	2.00	3	3	0	6	4	8	13	12	19	14	33
13:15 to 13:30	6	5	11	1.67	5	5	0	10	2.00	3	3	0	6	8	16	11	8	19	14	33
13:30 to 13:45	5	6	11	1.00	2	2	0	4	2.00	4	4	0	8	6	12	16	12	19	13	32
13:45 to 14:00	12	8	20	1.50	8	8	0	16	2.00	4	4	0	8	12	24	21	15	19	15	34
14:00 to 14:15	8	3	11	1.50	7	7	0	14	2.00	2	2	0	4	9	18	22	17	19	17	36
14:15 to 14:30	11	6	17	1.73	6	6	0	12	2.00	5	5	0	10	11	22	18	19	19	22	41
14:30 to 14:45	9	8	17	1.67	6	6	0	12	2.00	5	5	0	10	11	22	23	40	19	27	46
14:45 to 15:00	4	6	10	1.50	5	5	0	10	2.00	4	4	0	8	9	18	26	17	19	27	46
15:00 to 15:15	12	13	25	1.42	6	9	0	15	2.50	7	8	0	15	15	30	33	13	19	26	45
15:15 to 15:30	11	12	23	1.18	3	6	0	9	3.00	5	7	0	12	11	21	28	17	19	25	44
15:30 to 15:45	7	9	16	1.57	5	9	0	14	2.80	4	4	0	8	10	22	42	22	19	24	43
15:45 to 16:00	9	15	24	1.11	2	3	0	5	2.50	3	4	0	7	6	12	32	25	19	20	39
16:00 to 16:15	11	13	24	2.00	5	9	0	14	2.80	7	9	0	16	15	30	41	17	19	16	35
16:15 to 16:30	9	12	21	1.67	7	12	0	19	2.71	6	8	0	14	17	33	38	22	19	14	33
16:30 to 16:45	5	2	7	1.00	2	3	0	5	2.50	2	3	0	5	5	10	45	18	19	11	30
16:45 to 17:00	6	7	13	1.33	2	4	0	6	3.00	5	7	0	12	10	18	39	19	19	12	31
17:00 to 17:15	2	13	15	1.00	1	1	0	2	2.00	3	8	0	11	4	13	49	17	19	13	32
17:15 to 17:30	4	8	12	1.00	1	2	0	3	3.00	2	5	0	7	3	10	45	25	19	6	25
17:30 to 17:45	5	4	9	1.40	1	2	0	3	3.00	1	2	0	3	2	6	29	11	17	0	17
17:45 to 18:00	2	7	9	2.00	1	2	0	3	3.00	3	8	0	11	4	14	43	18	15	0	15
18:00 to 18:15	1	5	6	2.00	0	0	0	0	0.00	1	2	0	3	1	3	29	22	13	0	13
18:15 to 18:30	1	2	3	1.00	0	0	0	0	0.00	1	2	0	3	1	3	24	26	11	0	11
18:30 to 18:45	2	4	6	1.00	1	2	0	3	3.00	1	2	0	3	2	6	8	10	8	0	8
18:45 to 19:00	3	2	5	1.33	0	1	0	1	0.00	0	1	0	1	0	2	13	8	7	0	7
TOTAL	373	359	732	1.39	236	232	0	468	2.11	223	223	0	446	508	914	1018	997	Total Car Park Spaces - 19		

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.151 Site R4 Worrige Medical Centre, Worrige – Survey Results – Hourly data – rolling at 15 minute intervals – Wednesday 11/03/2015.

DATE	11 March 2015	Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540														Grand Total		Main Road Data		Grand Total - Main Road
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data
WEATHER Fine		IN	OUT	Total	Occupancy ¹	IN				OUT				Vehicles ³	Persons	EB	WB	Vehicles		
TIME						Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car					Total		
AM																				
7:00	to 8:00	12	0	12	1.17	5	1	0	6	1.20	0	0	0	0	5	6	25	139	164	
7:15	to 8:15	17	1	18	1.12	12	4	0	16	1.33	1	1	0	2	13	18	37	161	198	
7:30	to 8:30	31	7	38	1.29	29	11	0	40	1.38	5	2	0	7	34	47	50	181	231	
7:45	to 8:45	46	15	61	1.30	35	14	0	49	1.40	9	4	0	13	44	62	64	195	259	
8:00	to 9:00	52	20	72	1.27	46	18	0	64	1.39	23	9	0	32	69	96	73	172	245	
8:15	to 9:15	57	29	86	1.28	45	22	0	67	1.49	27	12	0	39	75	106	73	135	208	
8:30	to 9:30	56	34	90	1.30	36	24	0	60	1.67	27	14	0	41	70	101	74	100	174	
8:45	to 9:45	54	40	94	1.31	38	29	0	67	1.76	33	20	0	53	82	120	59	79	138	
9:00	to 10:00	52	46	98	1.35	33	33	0	66	2.00	29	23	0	52	78	118	56	84	140	
9:15	to 10:15	50	45	95	1.40	31	31	0	62	2.00	27	22	0	49	74	111	53	82	135	
9:30	to 10:30	44	48	92	1.36	28	28	0	56	2.00	32	27	0	59	76	115	44	79	123	
9:45	to 10:45	40	42	82	1.45	25	25	0	50	2.00	28	24	0	52	68	102	48	61	109	
10:00	to 11:00	42	41	83	1.71	26	26	0	52	2.00	27	24	0	51	68	103	57	54	111	
10:15	to 11:15	40	38	78	1.80	27	27	0	54	2.00	31	27	0	58	70	112	58	44	102	
10:30	to 11:30	39	34	73	1.79	25	25	0	50	2.00	27	24	0	51	60	101	64	48	112	
10:45	to 11:45	40	35	75	1.78	27	27	0	54	2.00	29	27	0	56	61	110	66	60	126	
11:00	to 12:00	36	35	71	1.67	27	27	0	54	2.00	29	27	0	56	56	110	60	57	117	
11:15	to 12:15	42	44	86	1.55	29	29	0	58	2.00	30	29	0	59	59	117	64	71	135	
11:30	to 12:30	42	42	84	1.55	31	31	0	62	2.00	34	32	0	66	65	128	63	62	125	
11:45	to 12:45	35	40	75	1.51	26	26	0	52	2.00	32	29	0	61	58	113	61	58	119	
PM																				
12:00	to 13:00	31	42	73	1.39	22	22	0	44	2.00	34	30	0	64	56	108	59	61	120	
12:15	to 13:15	21	32	53	1.33	15	15	0	30	2.00	29	25	0	54	44	84	55	53	108	
12:30	to 13:30	20	29	49	1.40	14	14	0	28	2.00	23	20	0	43	37	71	52	52	104	
12:45	to 13:45	20	28	48	1.30	14	14	0	28	2.00	21	19	0	40	35	68	55	49	104	
13:00	to 14:00	26	24	50	1.38	16	16	0	32	2.00	14	14	0	28	30	60	61	47	108	
13:15	to 14:15	31	22	53	1.45	22	22	0	44	2.00	13	13	0	26	35	70	70	52	122	
13:30	to 14:30	36	23	59	1.50	23	23	0	46	2.00	15	15	0	30	38	76	77	63	140	
13:45	to 14:45	40	25	65	1.60	27	27	0	54	2.00	16	16	0	32	43	86	84	91	175	
14:00	to 15:00	32	23	55	1.63	24	24	0	48	2.00	16	16	0	32	40	80	89	93	182	
14:15	to 15:15	36	33	69	1.58	23	26	0	49	2.13	21	22	0	43	46	92	100	89	189	
14:30	to 15:30	36	39	75	1.42	20	26	0	46	2.30	21	24	0	45	46	91	110	87	197	
14:45	to 15:45	34	40	74	1.38	19	29	0	48	2.53	20	23	0	43	45	91	129	69	198	
15:00	to 16:00	39	49	88	1.31	16	27	0	43	2.69	19	23	0	42	42	85	135	77	212	
15:15	to 16:15	38	49	87	1.47	15	27	0	42	2.80	19	24	0	43	42	85	143	81	224	
15:30	to 16:30	36	49	85	1.61	19	33	0	52	2.74	20	25	0	45	48	97	153	86	239	
15:45	to 16:45	34	42	76	1.53	16	27	0	43	2.69	18	24	0	42	43	85	156	82	238	
16:00	to 17:00	31	34	65	1.61	16	28	0	44	2.75	20	27	0	47	47	91	163	76	239	
16:15	to 17:15	22	34	56	1.36	12	20	0	32	2.67	16	26	0	42	36	74	171	76	247	
16:30	to 17:30	17	30	47	1.12	6	10	0	16	2.67	12	23	0	35	22	51	178	79	257	
16:45	to 17:45	17	32	49	1.24	5	9	0	14	2.80	11	22	0	33	19	47	162	72	234	
17:00	to 18:00	13	32	45	1.31	4	7	0	11	2.75	9	23	0	32	13	43	166	71	237	
17:15	to 18:15	12	24	36	1.42	3	6	0	9	3.00	7	17	0	24	10	33	146	76	222	
17:30	to 18:30	9	18	27	1.56	2	4	0	6	3.00	6	14	0	20	8	26	125	77	202	
17:45	to 18:45	6	18	24	1.50	2	4	0	6	3.00	6	14	0	20	8	26	104	76	180	
18:00	to 19:00	7	13	20	1.29	1	3	0	4	4.00	3	7	0	10	4	14	74	66	140	

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.152 Site R4 Worrige Medical Centre, Worrige – Hourly data – Consecutive – Wednesday 11/03/2015.

DATE	11 March 2015	Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540													Grand Total		Main Road Data ⁵		Grand Total - Main Road
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)									1-hour Data		1-hour Data		1-hour Data
WEATHER Fine						IN				OUT									
TIME		IN	OUT	Total	Occupancy ¹	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	EB	WB	Vehicles
AM																			
7:00	to 8:00	12	0	12	1.17	5	1	0	6	1.20	0	0	0	0	5	6	25	139	164
8:00	to 9:00	52	20	72	1.27	46	18	0	64	1.39	23	9	0	32	69	96	73	172	245
9:00	to 10:00	52	46	98	1.35	33	33	0	66	2.00	29	23	0	52	78	118	56	84	140
10:00	to 11:00	42	41	83	1.71	26	26	0	52	2.00	27	24	0	51	68	103	57	54	111
11:00	to 12:00	36	35	71	1.67	27	27	0	54	2.00	29	27	0	56	56	110	60	57	117
PM																			
12:00	to 13:00	31	42	73	1.39	22	22	0	44	2.00	34	30	0	64	56	108	59	61	120
13:00	to 14:00	26	24	50	1.38	16	16	0	32	2.00	14	14	0	28	30	60	61	47	108
14:00	to 15:00	32	23	55	1.63	24	24	0	48	2.00	16	16	0	32	40	80	89	93	182
15:00	to 16:00	39	49	88	1.31	16	27	0	43	2.69	19	23	0	42	42	85	135	77	212
16:00	to 17:00	31	34	65	1.61	16	28	0	44	2.75	20	27	0	47	47	91	163	76	239
17:00	to 18:00	13	32	45	1.31	4	7	0	11	2.75	9	23	0	32	13	43	166	71	237
18:00	to 19:00	7	13	20	1.29	1	3	0	4	4.00	3	7	0	10	4	14	74	66	140
Total		373	359	732	1.45	236	232	0	468	1.98	223	223	0	446	508	914	1018	997	2015

Table 3.153 Site R4 Worrige Medical Centre, Worrige – Travel mode – Wednesday 11/03/2015.

DATE 9 March 2015	Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540												
Average group size (people)	Average duration of stay (hrs)	Travel Mode											
		Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other	
1.60	0:43	IN	Total	38	26	5	0	0	0	0	1	4	0
			%	51.4	35.1	6.8	0.0	0.0	0.0	0.0	1.4	5.4	0.0
		OUT	Total	38	26	5	0	0	0	0	0	5	0
			%	51.4	35.1	6.8	0.0	0.0	0.0	0.0	0.0	6.8	0.0

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² The number of incoming trips in Figure 3.62 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

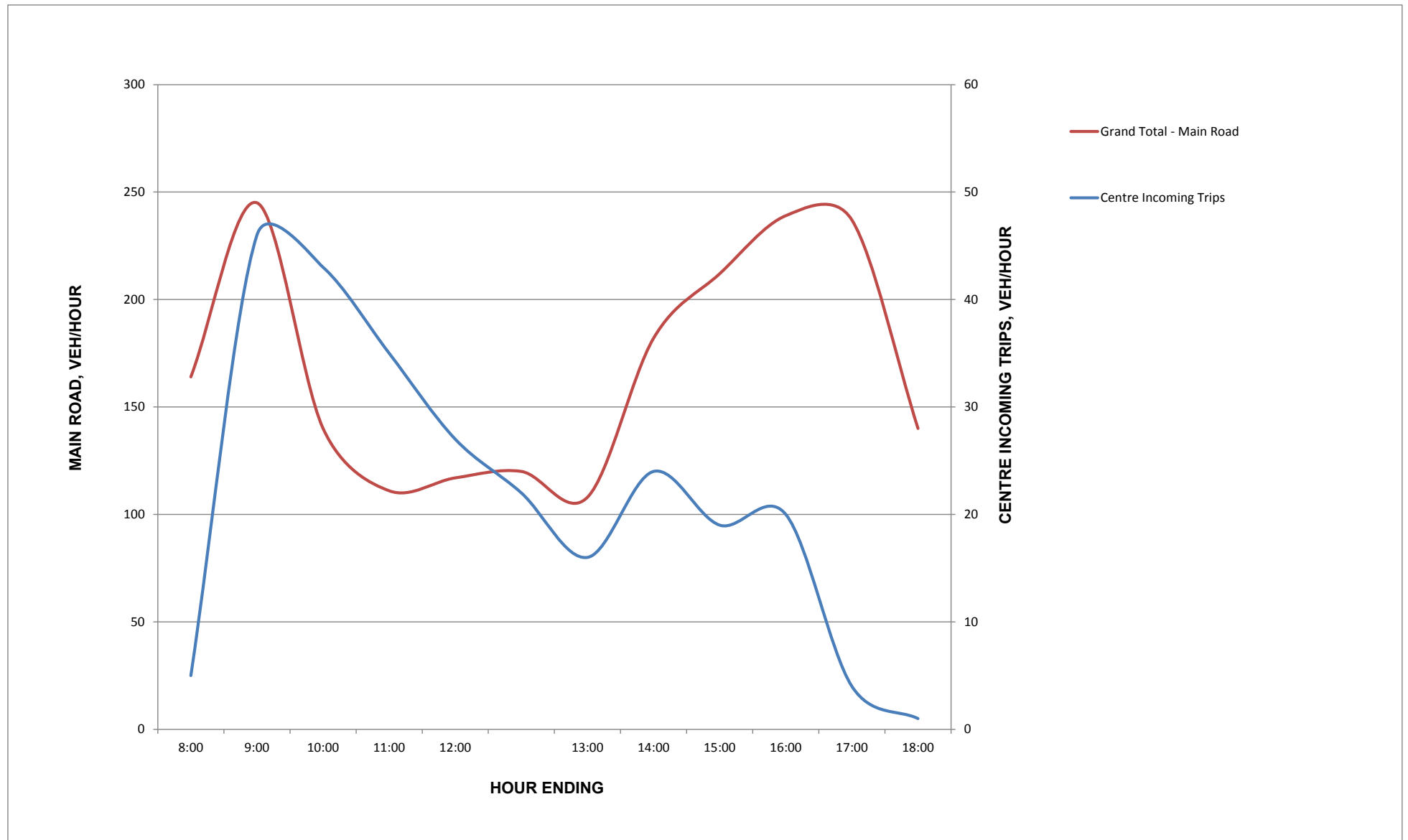


Figure 3.40 Site R4 Worrige Medical Centre, Worrige – Hourly trip distribution – Vehicles – Wednesday 11/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.41 Site R4 Worrigee Medical Centre, Worrigee NSW 2540 – Thursday 12/03/2015

Table 3.154 Site R4 Worrigee Medical Centre, Worrigee – Survey Results – 15-minute interval data – Thursday 12/03/2015.

DATE	12 March 2015	Worrigee Medical Centre - 53 Isa Rd, Worrigee NSW 2540													Grand Total		Main Road Data		Grand Total - Main Road	Parking Demand						
15 minute Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										15 minute Data		15 minute Data		15 minute Data	15 minute Data					
WEATHER Fine		IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	EB	WB	Vehicles	Car Park	On Street	Total ⁴				
TIME																										
AM																										
7:00	to 7:15	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	4	25	29	0	0	0			
7:15	to 7:30	3	0	3	1.00	2	1	0	3	1.50	0	0	0	0	0	2	3	8	39	47	0	0	0			
7:30	to 7:45	2	0	2	1.00	1	0	0	1	1.00	0	0	0	0	0	1	1	14	26	40	3	0	3			
7:45	to 8:00	13	2	15	1.15	7	5	0	12	1.71	0	0	0	0	0	7	12	9	49	58	10	0	10			
8:00	to 8:15	8	2	10	1.13	7	5	0	12	1.71	3	2	0	5	5	10	17	18	48	66	16	0	16			
8:15	to 8:30	13	3	16	1.23	8	5	1	14	1.63	2	1	0	3	3	10	17	20	50	70	19	5	24			
8:30	to 8:45	11	8	19	1.18	4	3	0	7	1.75	6	2	0	8	8	15	15	19	52	71	19	13	32			
8:45	to 9:00	14	8	22	1.71	8	5	1	14	1.63	7	3	0	10	10	24	16	34	50	50	19	18	37			
9:00	to 9:15	12	9	21	1.58	10	12	0	22	2.20	5	6	0	11	11	33	20	22	42	19	22	41				
9:15	to 9:30	9	9	18	1.44	6	7	0	13	2.17	5	6	1	12	11	25	20	21	41	19	24	43				
9:30	to 9:45	8	12	20	1.75	6	6	0	12	2.00	9	12	1	22	15	34	14	25	39	19	25	44				
9:45	to 10:00	6	6	12	1.17	3	3	0	6	2.00	4	5	1	10	7	16	12	23	35	19	23	42				
10:00	to 10:15	5	6	11	1.80	5	5	0	10	2.00	4	5	1	10	9	20	15	15	30	19	21	40				
10:15	to 10:30	9	8	17	1.33	5	6	0	11	2.20	6	7	1	14	11	25	21	25	46	19	21	40				
10:30	to 10:45	7	6	13	1.14	5	5	0	10	2.00	4	5	0	9	9	19	21	17	38	19	21	40				
10:45	to 11:00	10	11	21	1.60	6	7	0	13	2.17	5	6	0	11	11	24	17	20	37	19	21	40				
11:00	to 11:15	10	8	18	1.50	4	3	0	7	1.75	6	3	0	9	12	16	18	18	36	19	21	40				
11:15	to 11:30	10	7	17	1.40	9	6	0	15	1.67	8	5	0	13	21	28	19	18	37	19	24	43				
11:30	to 11:45	7	11	18	1.71	7	5	0	12	1.71	6	4	0	10	17	22	19	14	33	19	26	45				
11:45	to 12:00	14	12	26	1.50	11	8	0	19	1.73	7	4	0	11	22	30	22	18	40	19	25	44				
PM																										
12:00	to 12:15	13	11	24	1.62	8	6	0	14	1.75	9	5	0	14	21	28	17	20	37	19	24	43				
12:15	to 12:30	4	5	9	1.00	4	3	0	7	1.75	6	3	0	9	12	16	19	16	35	19	25	44				
12:30	to 12:45	7	9	16	1.29	7	5	0	12	1.71	11	6	0	17	22	29	18	13	31	19	25	44				
12:45	to 13:00	6	11	17	1.67	6	5	0	11	1.83	10	6	0	16	20	27	14	10	24	19	22	41				
13:00	to 13:15	4	8	12	1.75	3	1	0	4	1.33	15	7	0	22	18	26	21	16	37	19	18	37				
13:15	to 13:30	1	11	12	3.00	1	0	0	1	1.00	3	2	0	5	4	6	23	15	38	19	11	30				
13:30	to 13:45	9	7	16	1.00	5	2	0	7	1.40	6	3	0	9	11	16	22	20	42	19	4	23				
13:45	to 14:00	12	2	14	1.50	11	4	0	15	1.36	4	2	0	6	15	21	16	18	34	19	10	29				
14:00	to 14:15	10	7	17	1.50	8	3	0	11	1.38	4	2	0	6	12	17	20	14	34	19	16	35				
14:15	to 14:30	13	7	20	1.69	16	5	0	21	1.31	7	4	0	11	23	32	23	24	47	19	20	39				
14:30	to 14:45	10	7	17	1.70	9	3	0	12	1.33	8	4	0	12	17	24	19	28	47	19	24	43				
14:45	to 15:00	6	11	17	1.83	10	3	0	13	1.30	11	5	0	16	21	29	39	25	64	19	23	42				
15:00	to 15:15	10	3	13	1.40	10	6	0	16	1.60	3	2	0	5	13	21	38	12	50	19	22	41				
15:15	to 15:30	9	11	20	1.33	11	6	0	17	1.55	13	7	0	20	24	37	33	22	55	19	25	44				
15:30	to 15:45	5	10	15	1.60	6	4	0	10	1.67	10	6	0	16	16	26	34	25	59	19	27	46				
15:45	to 16:00	9	12	21	1.44	8	4	0	12	1.50	8	5	0	13	16	25	27	21	48	19	23	42				
16:00	to 16:15	10	8	18	1.20	4	2	0	6	1.50	5	3	0	8	9	14	32	18	50	19	19	38				
16:15	to 16:30	11	17	28	1.36	8	5	0	13	1.63	13	7	0	20	21	33	26	23	49	19	17	36				
16:30	to 16:45	6	9	15	2.00	6	4	0	10	1.67	5	3	0	8	11	18	47	28	75	19	15	34				
16:45	to 17:00	3	11	14	1.33	2	1	0	3	1.50	12	6	0	18	14	21	52	14	66	19	10	29				
17:00	to 17:15	2	6	8	1.50	2	1	0	3	1.50	6	3	0	9	8	12	41	22	63	19	4	23				
17:15	to 17:30	3	6	9	1.67	1	0	0	1	1.00	5	2	0	7	6	8	20	13	33	19	1	20				
17:30	to 17:45	0	6	6	0.00	1	1	0	2	2.00	3	1	0	4	4	6	25	10	35	16	0	16				
17:45	to 18:00	4	6	10	1.00	2	1	0	3	1.50	3	2	0	5	5	8	20	7	27	12	0	12				
18:00	to 18:15	3	1	4	2.67	5	2	0	7	1.40	1	1	0	2	6	9	21	8	29	8	0	8				
18:15	to 18:30	2	2	4	1.00	1	1	0	2	2.00	3	1	0	4	4	6	15	7	22	9	0	9				
18:30	to 18:45	0	1	1	0.00	0	0	0	0	0.00	1	1	0	2	1	2	18	5	23	10	0	10				
18:45	to 19:00	1	1	2	1.00	1	0	0	1	1.00	1	0	0	1	2	2	14	6	20	9	0	9				
TOTAL		344	334	678	1.48	270	175	2	447	1.63	273	175	5	453	571	900	1040	1019	2059	Total Car Park Spaces - 19						

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.155 Site R4 Worrige Medical Centre, Worrige – Survey Results – Hourly data – rolling at 15 minute intervals – Thursday 12/03/2015.

DATE	Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540														Grand Total		Main Road Data		Grand Total - Main Road	
12 March 2015																				
1-hour Data	Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine					IN					OUT										
TIME	IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	EB	WB	Vehicles		
AM																				
7:00 to 8:00	18	2	20	1.11	10	6	0	16	1.60	0	0	0	0	10	16	35	139	174		
7:15 to 8:15	26	4	30	1.12	17	11	0	28	1.65	3	2	0	5	20	33	49	162	211		
7:30 to 8:30	36	7	43	1.17	23	15	1	39	1.65	5	3	0	8	28	47	61	173	234		
7:45 to 8:45	45	15	60	1.18	26	18	1	45	1.69	11	5	0	16	37	61	66	199	265		
8:00 to 9:00	46	21	67	1.35	27	18	2	47	1.67	18	8	0	26	45	73	73	184	257		
8:15 to 9:15	50	28	78	1.44	30	25	2	57	1.83	20	12	0	32	50	89	75	158	233		
8:30 to 9:30	46	34	80	1.50	28	27	1	56	1.96	23	17	1	41	51	97	75	129	204		
8:45 to 9:45	43	38	81	1.63	30	30	1	61	2.00	26	27	2	55	56	116	70	102	172		
9:00 to 10:00	35	36	71	1.51	25	28	0	53	2.12	23	29	3	55	48	108	66	91	157		
9:15 to 10:15	28	33	61	1.54	20	21	0	41	2.05	22	28	4	54	42	95	61	84	145		
9:30 to 10:30	28	32	60	1.50	19	20	0	39	2.05	23	29	4	56	42	95	62	88	150		
9:45 to 10:45	27	26	53	1.33	18	19	0	37	2.06	18	22	3	43	36	80	69	80	149		
10:00 to 11:00	31	31	62	1.45	21	23	0	44	2.10	19	23	2	44	40	88	74	77	151		
10:15 to 11:15	36	33	69	1.42	20	21	0	41	2.05	21	21	1	43	43	84	77	80	157		
10:30 to 11:30	37	32	69	1.43	24	21	0	45	1.88	23	19	0	42	53	87	75	73	148		
10:45 to 11:45	37	37	74	1.54	26	21	0	47	1.81	25	18	0	43	61	90	73	70	143		
11:00 to 12:00	41	38	79	1.51	31	22	0	53	1.71	27	16	0	43	72	96	78	68	146		
11:15 to 12:15	44	41	85	1.55	35	25	0	60	1.71	30	18	0	48	81	108	77	70	147		
11:30 to 12:30	38	39	77	1.53	30	22	0	52	1.73	28	16	0	44	72	96	77	68	145		
11:45 to 12:45	38	37	75	1.45	30	22	0	52	1.73	33	18	0	51	77	103	76	67	143		
PM																				
12:00 to 13:00	30	36	66	1.47	25	19	0	44	1.76	36	20	0	56	75	100	68	59	127		
12:15 to 13:15	21	33	54	1.43	20	14	0	34	1.70	42	22	0	64	72	98	72	55	127		
12:30 to 13:30	18	39	57	1.61	17	11	0	28	1.65	39	21	0	60	64	88	76	54	130		
12:45 to 13:45	20	37	57	1.45	15	8	0	23	1.53	34	18	0	52	53	75	80	61	141		
13:00 to 14:00	26	28	54	1.42	20	7	0	27	1.35	28	14	0	42	48	69	82	69	151		
13:15 to 14:15	32	27	59	1.41	25	9	0	34	1.36	17	9	0	26	42	60	81	67	148		
13:30 to 14:30	44	23	67	1.45	40	14	0	54	1.35	21	11	0	32	61	86	81	76	157		
13:45 to 14:45	45	23	68	1.60	44	15	0	59	1.34	23	12	0	35	67	94	78	84	162		
14:00 to 15:00	39	32	71	1.67	43	14	0	57	1.33	30	15	0	45	73	102	101	91	192		
14:15 to 15:15	39	28	67	1.64	45	17	0	62	1.38	29	15	0	44	74	106	119	89	208		
14:30 to 15:30	35	32	67	1.54	40	18	0	58	1.45	35	18	0	53	75	111	129	87	216		
14:45 to 15:45	30	35	65	1.50	37	19	0	56	1.51	37	20	0	57	74	113	144	84	228		
15:00 to 16:00	33	36	69	1.42	35	20	0	55	1.57	34	20	0	54	69	109	132	80	212		
15:15 to 16:15	33	41	74	1.36	29	16	0	45	1.55	36	21	0	57	65	102	126	86	212		
15:30 to 16:30	35	47	82	1.37	26	15	0	41	1.58	36	21	0	57	62	98	119	87	206		
15:45 to 16:45	36	46	82	1.44	26	15	0	41	1.58	31	18	0	49	57	90	132	90	222		
16:00 to 17:00	30	45	75	1.43	20	12	0	32	1.60	35	19	0	54	55	86	157	83	240		
16:15 to 17:15	22	43	65	1.55	18	11	0	29	1.61	36	19	0	55	54	84	166	87	253		
16:30 to 17:30	14	32	46	1.71	11	6	0	17	1.55	28	14	0	42	39	59	160	77	237		
16:45 to 17:45	8	29	37	1.50	6	3	0	9	1.50	26	12	0	38	32	47	138	59	197		
17:00 to 18:00	9	24	33	1.33	6	3	0	9	1.50	17	8	0	25	23	34	106	52	158		
17:15 to 18:15	10	19	29	1.70	9	4	0	13	1.44	12	6	0	18	21	31	86	38	124		
17:30 to 18:30	9	15	24	1.56	9	5	0	14	1.56	10	5	0	15	19	29	81	32	113		
17:45 to 18:45	9	10	19	1.56	8	4	0	12	1.50	8	5	0	13	16	25	74	27	101		
18:00 to 19:00	6	5	11	1.83	7	3	0	10	1.43	6	3	0	9	13	19	68	26	94		

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.156 Site R4 Worrige Medical Centre, Worrige – Hourly data – Consecutive – Thursday 12/03/2015.

DATE 12 March 2015	Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540													
1-hour Data														
WEATHER Fine	Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)									
TIME	IN	OUT	Total	Occupancy ¹	IN					OUT				
					Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	
AM														
7:00 to 8:00	18	2	20	1.11	10	6	0	16	1.60	0	0	0	0	
8:00 to 9:00	46	21	67	1.35	27	18	2	47	1.67	18	8	0	26	
9:00 to 10:00	35	36	71	1.51	25	28	0	53	2.12	23	29	3	55	
10:00 to 11:00	31	31	62	1.45	21	23	0	44	2.10	19	23	2	44	
11:00 to 12:00	41	38	79	1.51	31	22	0	53	1.71	27	16	0	43	
PM														
12:00 to 13:00	30	36	66	1.47	25	19	0	44	1.76	36	20	0	56	
13:00 to 14:00	26	28	54	1.42	20	7	0	27	1.35	28	14	0	42	
14:00 to 15:00	39	32	71	1.67	43	14	0	57	1.33	30	15	0	45	
15:00 to 16:00	33	36	69	1.42	35	20	0	55	1.57	34	20	0	54	
16:00 to 17:00	30	45	75	1.43	20	12	0	32	1.60	35	19	0	54	
17:00 to 18:00	9	24	33	1.33	6	3	0	9	1.50	17	8	0	25	
18:00 to 19:00	6	5	11	1.83	7	3	0	10	1.43	6	3	0	9	
Total	344	334	678	1.46	270	175	2	447	1.65	273	175	5	453	

Grand Total
1-hour Data
Vehicles ⁴
10
45
48
40
72
75
48
73
69
55
23
13
571

Main Road Data ⁵
1-hour Data
EB
35
73
66
74
78
68
59
82
101
132
157
106
68
1040

Grand Total - Main Road
1-hour Data
Vehicles
174
257
157
151
146
127
151
192
212
240
158
94
2059

Table 3.157 Site R4 Worrige Medical Centre, Worrige – Travel mode – Thursday 12/03/2015.

DATE 12 March 2015	Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540													
Average group size (people)	Average duration of stay (hrs)	Travel Mode												
		Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other		
1.66	0:41	IN	Total	27	19	1	0	0	0	0	0	1	0	
			%	56.3	39.6	2.1	0.0	0.0	0.0	0.0	0.0	2.1	0.0	
		OUT	Total	27	19	1	0	0	0	0	0	1	0	
			%	56.3	39.6	2.1	0.0	0.0	0.0	0.0	0.0	2.1	0.0	

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² The number of incoming trips in Figure 3.63 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

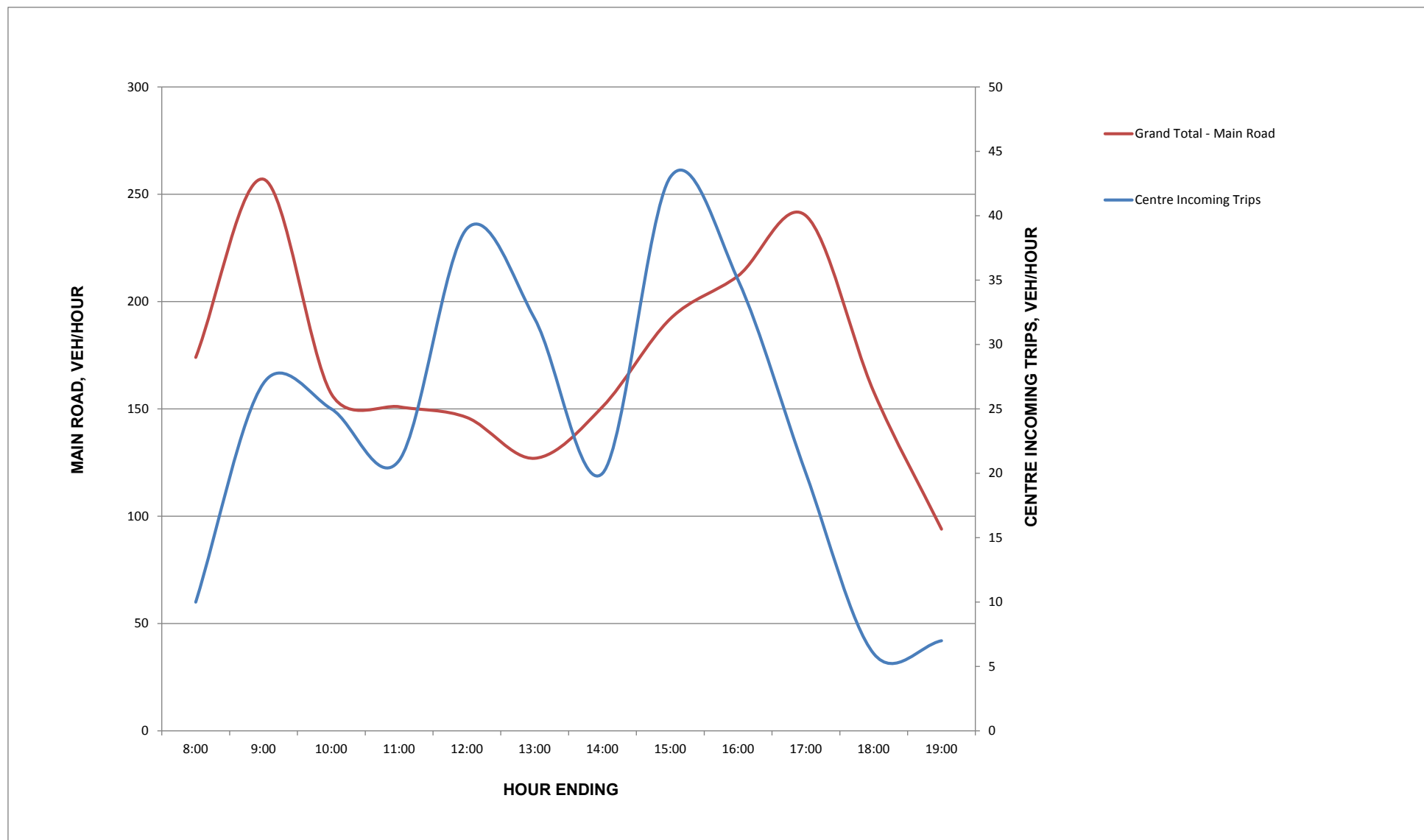


Figure 3.41 Site R4 Worrige Medical Centre, Worrige – Hourly trip distribution – Vehicles – Thursday 12/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.42 Site R4 Worrigee Medical Centre, Worrigee NSW 2540 – Friday 13/03/2015

Table 3.158 Site R4 Worrigee Medical Centre, Worrigee – Survey Results – 15-minute interval data – Friday 13/03/2015.

DATE 13 March 2015	Worrigee Medical Centre - 53 Isa Rd, Worrigee NSW 2540													Grand Total	Main Road Data	Grand Total - Main Road	Parking Demand			
15 minute Data														15 minute Data	15 minute Data	15 minute Data	15 minute Data			
WEATHER Fine	Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)															
TIME	IN	OUT	Total	Occupancy ¹	IN					OUT					EB	WB				
AM					Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons		Car Park	On Street	Total ⁴	
7:00 to 7:15	1	0	1	1.00	0	0	0	0	0.00	0	0	0	0	0	0	4	20	0	0	0
7:15 to 7:30	1	0	1	1.00	1	1	0	2	2.00	0	0	0	0	2	2	8	29	0	0	0
7:30 to 7:45	2	0	2	1.00	0	0	0	0	0.00	0	0	0	0	0	0	7	32	2	0	2
7:45 to 8:00	7	0	7	1.14	4	1	0	5	1.25	0	0	0	0	4	5	12	40	7	0	7
8:00 to 8:15	9	1	10	1.22	14	5	0	19	1.36	1	0	0	1	16	20	13	47	11	0	11
8:15 to 8:30	10	4	14	1.30	7	2	0	9	1.29	4	1	0	5	11	14	25	54	18	0	18
8:30 to 8:45	13	9	22	1.23	7	2	0	9	1.29	2	1	0	3	10	12	22	42	19	6	25
8:45 to 9:00	7	5	12	1.43	10	4	0	14	1.40	5	1	0	6	16	20	15	24	19	9	28
9:00 to 9:15	12	5	17	1.25	10	6	1	17	1.60	4	3	1	8	18	25	17	20	19	12	31
9:15 to 9:30	14	13	27	1.57	9	5	1	15	1.56	6	4	1	11	18	26	17	15	19	16	35
9:30 to 9:45	9	6	15	1.44	5	3	0	8	1.60	5	4	0	9	12	17	16	13	19	20	39
9:45 to 10:00	13	10	23	1.38	10	6	1	17	1.60	8	5	1	14	22	31	20	25	19	23	42
10:00 to 10:15	10	7	17	1.80	11	6	1	18	1.55	9	7	1	17	25	35	14	17	19	26	45
10:15 to 10:30	9	14	23	1.44	6	4	1	11	1.67	7	5	0	12	16	23	13	22	19	25	44
10:30 to 10:45	6	10	16	2.00	6	4	0	10	1.67	6	4	1	11	15	21	23	20	19	24	43
10:45 to 11:00	17	14	31	1.59	12	7	1	20	1.58	9	7	1	17	26	37	18	16	19	24	43
11:00 to 11:15	8	8	16	1.13	8	7	0	15	1.88	7	8	0	15	16	30	26	15	19	23	42
11:15 to 11:30	11	6	17	1.55	6	5	0	11	1.83	5	5	0	10	11	21	17	18	19	25	44
11:30 to 11:45	9	10	19	1.33	5	5	0	10	2.00	6	6	0	12	11	22	25	17	19	27	46
11:45 to 12:00	14	10	24	1.86	11	9	0	20	1.82	6	7	0	13	18	33	15	17	19	29	48
PM																				
12:00 to 12:15	8	7	15	1.38	7	7	0	14	2.00	8	10	0	18	17	32	22	21	19	31	50
12:15 to 12:30	5	15	20	1.80	6	6	0	12	2.00	8	9	0	17	15	29	13	25	19	27	46
12:30 to 12:45	5	10	15	1.40	3	2	0	5	1.67	6	6	0	12	9	17	32	15	19	22	41
12:45 to 13:00	5	9	14	2.00	2	2	0	4	2.00	5	5	0	10	7	14	30	16	19	18	37
13:00 to 13:15	3	11	14	1.33	2	2	0	4	2.00	8	6	0	14	10	18	30	18	19	13	32
13:15 to 13:30	6	5	11	1.33	5	5	0	10	2.00	10	6	0	16	15	26	27	15	19	10	29
13:30 to 13:45	9	6	15	1.11	5	5	0	10	2.00	4	3	0	7	9	17	19	21	19	6	25
13:45 to 14:00	15	10	25	1.33	10	10	0	20	2.00	7	5	0	12	17	32	22	28	19	10	29
14:00 to 14:15	5	5	10	1.60	5	5	0	10	2.00	4	2	0	6	9	16	19	16	19	14	33
14:15 to 14:30	11	3	14	1.27	3	3	0	6	2.00	5	3	0	8	8	14	27	22	19	18	37
14:30 to 14:45	7	10	17	1.57	4	4	0	8	2.00	8	5	0	13	12	21	17	25	19	22	41
14:45 to 15:00	11	14	25	1.64	7	7	0	14	2.00	7	5	0	12	14	26	42	28	19	19	38
15:00 to 15:15	9	5	14	2.00	0	16	0	16	0.00	1	3	0	4	19	20	40	43	19	16	35
15:15 to 15:30	12	3	15	1.58	0	10	0	10	0.00	1	4	0	5	14	15	48	19	19	23	42
15:30 to 15:45	6	10	16	1.33	0	17	0	17	0.00	5	16	0	21	33	38	32	20	19	29	48
15:45 to 16:00	4	11	15	1.50	0	12	0	12	0.00	4	12	0	16	24	28	42	26	19	24	43
16:00 to 16:15	9	10	19	1.67	0	11	0	11	0.00	4	13	0	17	24	28	39	24	19	18	37
16:15 to 16:30	11	10	21	1.27	0	9	0	9	0.00	6	17	0	23	26	32	33	33	19	17	36
16:30 to 16:45	2	8	10	1.00	0	5	0	5	0.00	2	5	0	7	10	12	38	18	19	16	35
16:45 to 17:00	2	5	7	3.00	0	6	0	6	0.00	2	5	0	7	11	13	26	24	19	12	31
17:00 to 17:15	6	10	16	1.00	5	12	0	17	3.40	2	4	0	6	19	23	36	18	19	7	26
17:15 to 17:30	2	4	6	2.00	1	3	0	4	4.00	3	5	0	8	9	12	29	21	19	4	23
17:30 to 17:45	1	6	7	2.00	0	1	0	1	0.00	2	4	0	6	6	7	30	11	19	1	20
17:45 to 18:00	3	5	8	3.00	2	3	0	5	2.50	2	3	0	5	8	10	36	20	17	0	17
18:00 to 18:15	2	1	3	1.00	1	2	0	3	3.00	1	1	0	2	4	5	30	20	13	0	13
18:15 to 18:30	1	2	3	1.00	0	1	0	1	0.00	1	2	0	3	3	4	27	15	13	0	13
18:30 to 18:45	1	2	3	2.00	1	1	0	2	2.00	1	2	0	3	4	5	25	10	13	0	13
18:45 to 19:00	2	2	4	2.50	1	3	0	4	4.00	2	2	0	4	6	8	28	17	12	0	12
TOTAL	345	331	676	1.53	212	252	6	470	1.99	209	231	6	446	629	916	1166	1092	Total Car Park Spaces - 19		

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.159 Site R4 Worrige Medical Centre, Worrige – Survey Results – Hourly data – rolling at 15 minute intervals – Friday 13/03/2015.

DATE	13 March 2015	Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540												Grand Total		Main Road Data		Grand Total - Main Road			
1-hour Data		Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine						IN					OUT										
TIME		IN	OUT	Total	Occupancy ¹	Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total	Vehicles ³	Persons	EB	WB	Vehicles		
AM																					
7:00	to 8:00	11	0	11	1.09	5	2	0	7	1.40	0	0	0	0	6	7	31	121	152		
7:15	to 8:15	19	1	20	1.16	19	7	0	26	1.37	1	0	0	1	22	27	40	148	188		
7:30	to 8:30	28	5	33	1.21	25	8	0	33	1.32	5	1	0	6	31	39	57	173	230		
7:45	to 8:45	39	14	53	1.23	32	10	0	42	1.31	7	2	0	9	41	51	72	183	255		
8:00	to 9:00	39	19	58	1.28	38	13	0	51	1.34	12	3	0	15	53	66	75	167	242		
8:15	to 9:15	42	23	65	1.29	34	14	1	49	1.41	15	6	1	22	55	71	79	140	219		
8:30	to 9:30	46	32	78	1.37	36	17	2	55	1.47	17	9	2	28	62	83	71	101	172		
8:45	to 9:45	42	29	71	1.43	34	18	2	54	1.53	20	12	2	34	64	88	65	72	137		
9:00	to 10:00	48	34	82	1.42	34	20	3	57	1.59	23	16	3	42	70	99	70	73	143		
9:15	to 10:15	46	36	82	1.54	35	20	3	58	1.57	28	20	3	51	77	109	67	70	137		
9:30	to 10:30	41	37	78	1.51	32	19	3	54	1.59	29	21	2	52	75	106	63	77	140		
9:45	to 10:45	38	41	79	1.61	33	20	3	56	1.61	30	21	3	54	78	110	70	84	154		
10:00	to 11:00	42	45	87	1.67	35	21	3	59	1.60	31	23	3	57	82	116	68	75	143		
10:15	to 11:15	40	46	86	1.53	32	22	2	56	1.69	29	24	2	55	73	111	80	73	153		
10:30	to 11:30	42	38	80	1.55	32	23	1	56	1.72	27	24	2	53	68	109	84	69	153		
10:45	to 11:45	45	38	83	1.44	31	24	1	56	1.77	27	26	1	54	64	110	86	66	152		
11:00	to 12:00	42	34	76	1.52	30	26	0	56	1.87	24	26	0	50	56	106	83	67	150		
11:15	to 12:15	42	33	75	1.57	29	26	0	55	1.90	25	28	0	53	57	108	79	73	152		
11:30	to 12:30	36	42	78	1.61	29	27	0	56	1.93	28	32	0	60	61	116	75	80	155		
11:45	to 12:45	32	42	74	1.66	27	24	0	51	1.89	28	32	0	60	59	111	82	78	160		
PM																					
12:00	to 13:00	23	41	64	1.61	18	17	0	35	1.94	27	30	0	57	48	92	97	77	174		
12:15	to 13:15	18	45	63	1.67	13	12	0	25	1.92	27	26	0	53	41	78	105	74	179		
12:30	to 13:30	19	35	54	1.53	12	11	0	23	1.92	29	23	0	52	41	75	119	64	183		
12:45	to 13:45	23	31	54	1.39	14	14	0	28	2.00	27	20	0	47	41	75	106	70	176		
13:00	to 14:00	33	32	65	1.27	22	22	0	44	2.00	29	20	0	49	51	93	98	82	180		
13:15	to 14:15	35	26	61	1.31	25	25	0	50	2.00	25	16	0	41	50	91	87	80	167		
13:30	to 14:30	40	24	64	1.30	23	23	0	46	2.00	20	13	0	33	43	79	87	87	174		
13:45	to 14:45	38	28	66	1.39	22	22	0	44	2.00	24	15	0	39	46	83	85	91	176		
14:00	to 15:00	34	32	66	1.50	19	19	0	38	2.00	24	15	0	39	43	77	105	91	196		
14:15	to 15:15	38	32	70	1.61	14	30	0	44	3.14	21	16	0	37	53	81	126	118	244		
14:30	to 15:30	39	32	71	1.69	11	37	0	48	4.36	17	17	0	34	59	82	147	115	262		
14:45	to 15:45	38	32	70	1.66	7	50	0	57	8.14	14	28	0	42	80	99	162	110	272		
15:00	to 16:00	31	29	60	1.65	0	55	0	55	0.00	11	35	0	46	90	101	162	108	270		
15:15	to 16:15	31	34	65	1.55	0	50	0	50	0.00	14	45	0	59	95	109	161	89	250		
15:30	to 16:30	30	41	71	1.43	0	49	0	49	0.00	19	58	0	77	107	126	146	103	249		
15:45	to 16:45	26	39	65	1.42	0	37	0	37	0.00	16	47	0	63	84	100	152	101	253		
16:00	to 17:00	24	33	57	1.54	0	31	0	31	0.00	14	40	0	54	71	85	136	99	235		
16:15	to 17:15	21	33	54	1.33	5	32	0	37	7.40	12	31	0	43	66	80	133	93	226		
16:30	to 17:30	12	27	39	1.50	6	26	0	32	5.33	9	19	0	28	49	60	129	81	210		
16:45	to 17:45	11	25	36	1.64	6	22	0	28	4.67	9	18	0	27	45	55	121	74	195		
17:00	to 18:00	12	25	37	1.75	8	19	0	27	3.38	9	16	0	25	42	52	131	70	201		
17:15	to 18:15	8	16	24	2.13	4	9	0	13	3.25	8	13	0	21	27	34	125	72	197		
17:30	to 18:30	7	14	21	2.00	3	7	0	10	3.33	6	10	0	16	21	26	123	66	189		
17:45	to 18:45	7	10	17	2.00	4	7	0	11	2.75	5	8	0	13	19	24	118	65	183		
18:00	to 19:00	6	7	13	1.67	3	7	0	10	3.33	5	7	0	12	17	22	110	62	172		

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.160 Site R4 Worrige Medical Centre, Worrige – Hourly data – Consecutive – Friday 13/03/2015.

DATE 13 March 2015	Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540													
1-hour Data														
WEATHER Fine	Vehicles (activity at the car park)				Persons (observed and interviewed at the medical centre)									
TIME	IN	OUT	Total	Occupancy ¹	IN					OUT				
					Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	
AM														
7:00 to 8:00	11	0	11	1.09	5	2	0	7	1.40	0	0	0	0	
8:00 to 9:00	39	19	58	1.28	38	13	0	51	1.34	12	3	0	15	
9:00 to 10:00	48	34	82	1.42	34	20	3	57	1.59	23	16	3	42	
10:00 to 11:00	42	45	87	1.67	35	21	3	59	1.60	31	23	3	57	
11:00 to 12:00	42	34	76	1.52	30	26	0	56	1.87	24	26	0	50	
PM														
12:00 to 13:00	23	41	64	1.61	18	17	0	35	1.94	27	30	0	57	
13:00 to 14:00	33	32	65	1.27	22	22	0	44	2.00	29	20	0	49	
14:00 to 15:00	34	32	66	1.50	19	19	0	38	2.00	24	15	0	39	
15:00 to 16:00	31	29	60	1.65	0	55	0	55	0.00	11	35	0	46	
16:00 to 17:00	24	33	57	1.54	0	31	0	31	0.00	14	40	0	54	
17:00 to 18:00	12	25	37	1.75	8	19	0	27	3.38	9	16	0	25	
18:00 to 19:00	6	7	13	1.67	3	7	0	10	3.33	5	7	0	12	
Total	345	331	676	1.49	212	252	6	470	2.19	209	231	6	446	

Grand Total
1-hour Data
Vehicles ⁴
6
53
70
82
56
48
51
43
90
71
42
17
629

Persons
7
66
99
116
106
92
93
77
101
85
52
22
916

Main Road Data ⁵
1-hour Data
EB
31
75
70
68
83
97
98
105
162
136
131
110
1166

WB
121
167
73
75
67
77
82
91
108
99
70
62
1092

Grand Total - Main Road
1-hour Data
Vehicles
152
242
143
143
150
174
180
196
270
235
201
172
2258

Table 3.161 Site R4 Worrige Medical Centre, Worrige – Travel mode – Friday 13/03/2015.

DATE 13 March 2015	Worrige Medical Centre - 53 Isa Rd, Worrige NSW 2540													
Average group size (people)	Average duration of stay (hrs)	Travel Mode												
		Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other		
1.51	0:25	IN	Total	38	20	6	0	0	0	0	0	1	0	
			%	58.5	30.8	9.2	0.0	0.0	0.0	0.0	0.0	1.5	0.0	
		OUT	Total	38	20	6	0	0	0	0	0	1	0	
			%	58.5	30.8	9.2	0.0	0.0	0.0	0.0	0.0	1.5	0.0	

¹ Vehicle Occupancy of car park users was calculated by averaging observed occupancies of individual vehicles entering the car park.

² The number of incoming trips in Figure 3.64 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

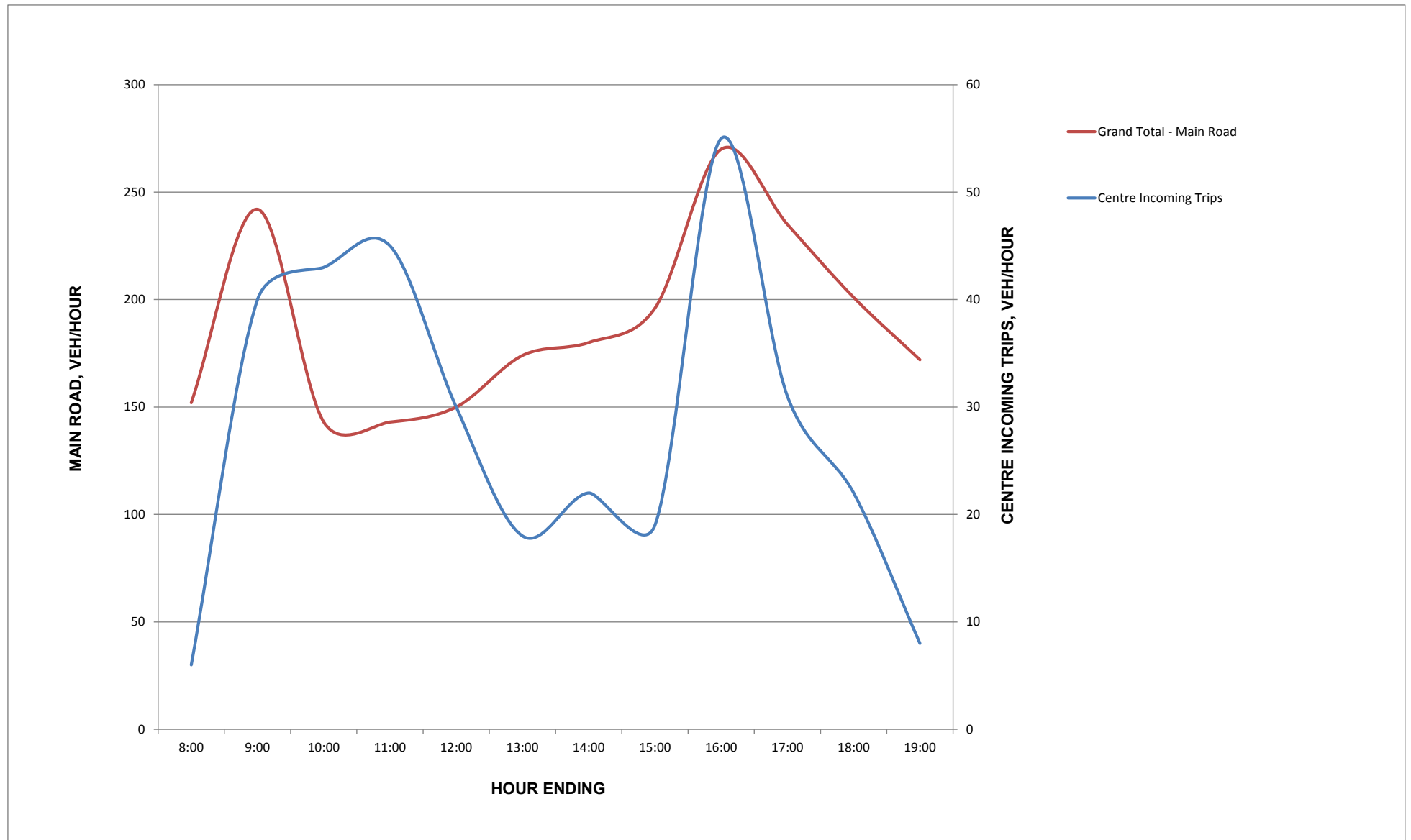


Figure 3.42 Site R4 Worrige Medical Centre, Worrige – Hourly trip distribution – Vehicles – Friday 13/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.43 Site R4 Worrigee Medical Centre, Worrigee NSW 2540 – All days

Table 3.162 Site R4 Worrigee Medical Centre, Worrigee – Hourly data – Sat 07/03/2015, Fri 13/03/2015.

7-13 March 2015			Worrigee Medical Centre - 53 Isa Rd, Worrigee NSW 2540																		Average	
1-hour Data			All vehicles																		1-hour Data	
WEATHER Fine			IN								OUT										IN + OUT	
										Average										Average		
TIME			Mon ¹	Tue	Wed	Thu	Fri	Sat ²	Sun ³	Wkday	Wkend	Mon ¹	Tue	Wed	Thu	Fri	Sat ²	Sun ³	Wkday	Wkend	Wkday	Wkend
7:00	to	8:00	7	10	5	10	5	n/a	n/a	7	n/a	0	0	0	0	0	n/a	n/a	0	n/a	7	n/a
8:00	to	9:00	28	35	46	27	38	n/a	n/a	35	n/a	11	18	23	18	12	n/a	n/a	16	n/a	51	n/a
9:00	to	10:00	25	30	33	25	34	n/a	n/a	29	n/a	15	24	29	23	23	n/a	n/a	23	n/a	52	n/a
10:00	to	11:00	35	23	26	21	35	n/a	14	28	n/a	23	29	27	19	31	n/a	13	26	n/a	54	n/a
11:00	to	12:00	25	27	27	31	30	0	9	28	5	34	37	29	27	24	0	6	30	3	58	8
12:00	to	13:00	20	26	22	25	18	15	7	22	11	26	31	34	36	27	11	4	31	8	53	19
13:00	to	14:00	14	26	16	20	22	9	5	20	7	27	19	14	28	29	12	4	23	8	43	15
14:00	to	15:00	40	24	24	43	19	12	5	30	9	40	20	16	30	24	7	5	26	6	56	15
15:00	to	16:00	27	25	16	35	0	15	5	21	10	26	29	19	34	11	12	3	24	8	44	18
16:00	to	17:00	27	17	16	20	0	9	12	16	11	36	30	20	35	14	16	7	27	12	43	22
17:00	to	18:00	31	11	4	6	8	5	6	12	6	48	23	9	17	9	13	7	21	10	33	16
18:00	to	19:00	18	10	1	7	3	6	5	8	6	23	10	3	6	5	9	8	9	9	17	14
19:00	to	20:00	12	n/a	n/a	n/a	n/a	8	8	n/a	8	12	n/a	n/a	n/a	n/a	6	8	n/a	7	n/a	15
20:00	to	21:00	9	n/a	n/a	n/a	n/a	5	n/a	n/a	n/a	9	n/a	n/a	n/a	n/a	8	n/a	n/a	n/a	n/a	n/a
21:00	to	22:00	1	n/a	n/a	n/a	n/a	1	n/a	n/a	n/a	9	n/a	n/a	n/a	n/a	6	n/a	n/a	n/a	n/a	n/a
Total			319	264	236	270	212	85	76	256	71	339	270	223	273	209	100	65	257	69	513	140

¹ Following the RMS instructions the surveys were conducted from 7:00 am to 7:00 pm. However, this particular centre operates till 10:00 pm daily. Additional surveys, until 10:00 pm, were carried out on one weekday and one weekend day in order to determine the late evening pattern.

² On Saturday Worrigee Medical Centre closes earlier than on weekdays.

³ On Sunday Worrigee Medical Centre opens later and closes earlier than on weekdays.

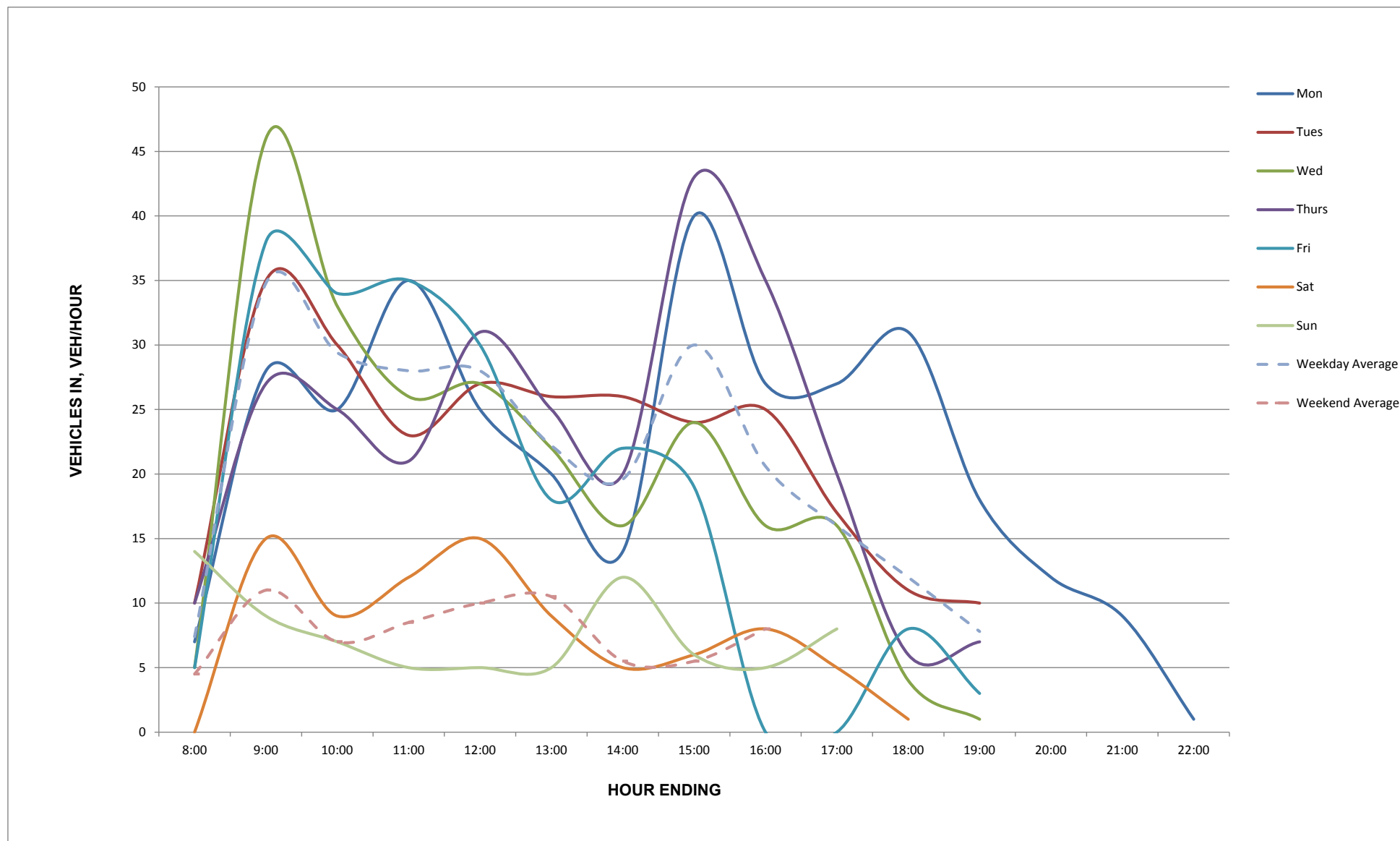


Figure 3.43 Site R4 Worrigee Medical Centre, Worrigee – Hourly trip distribution – 7 days.

3.1.44 Site R5 Kelso Medical IPN, Kelso NSW 2795 – Thursday 12/03/2015

Table 3.163 Site R5 Kelso Medical IPN, Kelso – Survey Results – 15-minute interval data – Thursday 12/03/2015.

DATE 12 March 2015	Kelso Medical IPN - 13 Marsden Lane, Kelso 2795													Grand Total	Main Road Data	Grand Total - Main Road	Parking Demand ⁴
15 minute Data														15 minute Data	15 minute Data	15 minute Data	15 minute Data
WEATHER Fine	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)												
TIME	IN	OUT	Total	Occupancy	IN					OUT				Vehicles ³	Persons	EB	WB
AM					Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total				
7:00 to 7:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	34	21
7:15 to 7:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	37	16
7:30 to 7:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	51	34
7:45 to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	47	31
8:00 to 8:15	n/a	n/a	n/a	n/a	3	0	0	3	1.00	0	0	0	0	3	3	39	30
8:15 to 8:30	n/a	n/a	n/a	n/a	5	0	0	5	1.00	1	0	0	1	6	6	42	47
8:30 to 8:45	n/a	n/a	n/a	n/a	2	0	0	2	1.00	1	0	0	1	3	3	54	67
8:45 to 9:00	n/a	n/a	n/a	n/a	8	0	0	8	1.00	2	1	0	3	10	11	51	59
9:00 to 9:15	n/a	n/a	n/a	n/a	3	1	0	4	1.33	5	2	0	7	8	11	40	64
9:15 to 9:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	2	1	0	3	4	6	47	69
9:30 to 9:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	4	1	0	5	5	7	24	37
9:45 to 10:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	0	0	1	2	2	17	30
10:00 to 10:15	n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	0	0	1	2	2	23	28
10:15 to 10:30	n/a	n/a	n/a	n/a	5	2	0	7	1.40	6	2	0	8	11	15	19	16
10:30 to 10:45	n/a	n/a	n/a	n/a	6	3	0	9	1.50	9	3	0	12	15	21	21	33
10:45 to 11:00	n/a	n/a	n/a	n/a	4	2	0	6	1.50	4	1	0	5	8	11	17	25
11:00 to 11:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	6	2	1	9	8	12	19	17
11:15 to 11:30	n/a	n/a	n/a	n/a	6	3	1	10	1.50	4	1	1	6	10	16	27	20
11:30 to 11:45	n/a	n/a	n/a	n/a	3	2	1	6	1.67	3	1	1	5	6	11	29	37
11:45 to 12:00	n/a	n/a	n/a	n/a	2	1	1	4	1.50	3	1	0	4	5	8	21	35
PM																	
12:00 to 12:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	3	1	1	5	5	8	26	42
12:15 to 12:30	n/a	n/a	n/a	n/a	1	1	0	2	2.00	4	1	1	6	5	8	30	49
12:30 to 12:45	n/a	n/a	n/a	n/a	2	1	0	3	1.50	4	1	1	6	6	9	24	31
12:45 to 13:00	n/a	n/a	n/a	n/a	2	1	1	4	1.50	3	1	0	4	5	8	18	34
13:00 to 13:15	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	1	0	2	2	4	29	21
13:15 to 13:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	0	0	0	0	1	1	27	24
13:30 to 13:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	19	24
13:45 to 14:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	1	1	0	2	2	3	23	31
14:00 to 14:15	n/a	n/a	n/a	n/a	2	1	0	3	1.50	1	1	0	2	3	5	20	29
14:15 to 14:30	n/a	n/a	n/a	n/a	3	2	0	5	1.67	1	1	0	2	4	7	17	26
14:30 to 14:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	2	0	4	2	4	25	31
14:45 to 15:00	n/a	n/a	n/a	n/a	3	1	0	4	1.33	3	3	0	6	6	10	28	42
15:00 to 15:15	n/a	n/a	n/a	n/a	0	0	1	1	0.00	2	1	1	4	2	5	24	49
15:15 to 15:30	n/a	n/a	n/a	n/a	2	2	1	5	2.00	1	1	0	2	3	7	49	57
15:30 to 15:45	n/a	n/a	n/a	n/a	1	1	1	3	2.00	2	1	0	3	3	6	51	61
15:45 to 16:00	n/a	n/a	n/a	n/a	2	2	1	5	2.00	2	1	1	4	4	9	46	57
16:00 to 16:15	n/a	n/a	n/a	n/a	1	1	1	3	2.00	3	1	1	5	4	8	34	40
16:15 to 16:30	n/a	n/a	n/a	n/a	2	2	1	5	2.00	3	1	1	5	5	10	39	54
16:30 to 16:45	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	1	0	3	3	5	26	39
16:45 to 17:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	0	0	1	2	3	31	36
17:00 to 17:15	n/a	n/a	n/a	n/a	0	0	2	2	0.00	1	0	0	1	1	3	28	44
17:15 to 17:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	1	4	3	5	33	39
17:30 to 17:45	n/a	n/a	n/a	n/a	2	1	1	4	1.50	3	2	1	6	5	10	34	42
17:45 to 18:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	0	0	1	2	3	19	37
18:00 to 18:15	n/a	n/a	n/a	n/a	1	0	0	1	1.00	0	0	0	0	1	1	24	35
18:15 to 18:30	n/a	n/a	n/a	n/a	1	1	0	2	2.00	1	0	0	1	2	3	28	41
18:30 to 18:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	0	0	1	1	1	21	36
18:45 to 19:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	0	0	0	0	1	2	27	39
TOTAL	n/a	n/a	n/a	n/a	89	40	13	142	1.54	100	39	12	151	189	293	1459	1806

¹ Kelso Medical IPN does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.164 Site R5 Kelso Medical IPN, Kelso – Survey Results – Hourly data – rolling at 15 minute intervals – Thursday 12/03/2015.

DATE	12 March 2015		Kelso Medical IPN - 13 Marsden Lane, Kelso 2795												Grand Total		Main Road Data		Grand Total - Main Road			
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine			IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	EB	WB	Vehicles			
TIME							Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total		
AM																						
7:00	to	8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0			169	102	271		
7:15	to	8:15	n/a	n/a	n/a	n/a	3	0	0	3	1.00	0	0	0	0			174	111	285		
7:30	to	8:30	n/a	n/a	n/a	n/a	8	0	0	8	1.00	1	0	0	1			179	142	321		
7:45	to	8:45	n/a	n/a	n/a	n/a	10	0	0	10	1.00	2	0	0	2			182	175	357		
8:00	to	9:00	n/a	n/a	n/a	n/a	18	0	0	18	1.00	4	1	0	5			186	203	389		
8:15	to	9:15	n/a	n/a	n/a	n/a	18	1	0	19	1.06	9	3	0	12			187	237	424		
8:30	to	9:30	n/a	n/a	n/a	n/a	15	2	0	17	1.13	10	4	0	14			192	259	451		
8:45	to	9:45	n/a	n/a	n/a	n/a	14	3	0	17	1.21	13	5	0	18			162	229	391		
9:00	to	10:00	n/a	n/a	n/a	n/a	7	3	0	10	1.43	12	4	0	16			128	200	328		
9:15	to	10:15	n/a	n/a	n/a	n/a	5	2	0	7	1.40	8	2	0	10			111	164	275		
9:30	to	10:30	n/a	n/a	n/a	n/a	8	3	0	11	1.38	12	3	0	15			83	111	194		
9:45	to	10:45	n/a	n/a	n/a	n/a	13	5	0	18	1.38	17	5	0	22			80	107	187		
10:00	to	11:00	n/a	n/a	n/a	n/a	16	7	0	23	1.44	20	6	0	26			80	102	182		
10:15	to	11:15	n/a	n/a	n/a	n/a	17	8	0	25	1.47	25	8	1	34			76	91	167		
10:30	to	11:30	n/a	n/a	n/a	n/a	18	9	1	28	1.50	23	7	2	32			84	95	179		
10:45	to	11:45	n/a	n/a	n/a	n/a	15	8	2	25	1.53	17	5	3	25			92	99	191		
11:00	to	12:00	n/a	n/a	n/a	n/a	13	7	3	23	1.54	16	5	3	24			96	109	205		
11:15	to	12:15	n/a	n/a	n/a	n/a	13	7	3	23	1.54	13	4	3	20			103	134	237		
11:30	to	12:30	n/a	n/a	n/a	n/a	8	5	2	15	1.63	13	4	3	20			106	163	269		
11:45	to	12:45	n/a	n/a	n/a	n/a	7	4	1	12	1.57	14	4	3	21			101	157	258		
PM																						
12:00	to	13:00	n/a	n/a	n/a	n/a	7	4	1	12	1.57	14	4	3	21			98	156	254		
12:15	to	13:15	n/a	n/a	n/a	n/a	6	4	1	11	1.67	12	4	2	18			101	135	236		
12:30	to	13:30	n/a	n/a	n/a	n/a	6	3	1	10	1.50	8	3	1	12			98	110	208		
12:45	to	13:45	n/a	n/a	n/a	n/a	4	2	1	7	1.50	4	2	0	6			93	103	196		
13:00	to	14:00	n/a	n/a	n/a	n/a	3	1	0	4	1.33	2	2	0	4			98	100	198		
13:15	to	14:15	n/a	n/a	n/a	n/a	4	1	0	5	1.25	2	2	0	4			89	108	197		
13:30	to	14:30	n/a	n/a	n/a	n/a	6	3	0	9	1.50	3	3	0	6			79	110	189		
13:45	to	14:45	n/a	n/a	n/a	n/a	6	3	0	9	1.50	5	5	0	10			85	117	202		
14:00	to	15:00	n/a	n/a	n/a	n/a	8	4	0	12	1.50	7	7	0	14			90	128	218		
14:15	to	15:15	n/a	n/a	n/a	n/a	6	3	1	10	1.50	8	7	1	16			94	148	242		
14:30	to	15:30	n/a	n/a	n/a	n/a	5	3	2	10	1.60	8	7	1	16			126	179	305		
14:45	to	15:45	n/a	n/a	n/a	n/a	6	4	3	13	1.67	8	6	1	15			152	209	361		
15:00	to	16:00	n/a	n/a	n/a	n/a	5	5	4	14	2.00	7	4	2	13			170	224	394		
15:15	to	16:15	n/a	n/a	n/a	n/a	6	6	4	16	2.00	8	4	2	14			180	215	395		
15:30	to	16:30	n/a	n/a	n/a	n/a	6	6	4	16	2.00	10	4	3	17			170	212	382		
15:45	to	16:45	n/a	n/a	n/a	n/a	6	6	3	15	2.00	10	4	3	17			145	190	335		
16:00	to	17:00	n/a	n/a	n/a	n/a	5	5	2	12	2.00	9	3	2	14			130	169	299		
16:15	to	17:15	n/a	n/a	n/a	n/a	4	4	3	11	2.00	7	2	1	10			124	173	297		
16:30	to	17:30	n/a	n/a	n/a	n/a	3	2	2	7	1.67	6	2	1	9			118	158	276		
16:45	to	17:45	n/a	n/a	n/a	n/a	4	2	3	9	1.50	7	3	2	12			126	161	287		
17:00	to	18:00	n/a	n/a	n/a	n/a	4	2	3	9	1.50	7	3	2	12			114	162	276		
17:15	to	18:15	n/a	n/a	n/a	n/a	5	2	1	8	1.40	6	3	2	11			110	153	263		
17:30	to	18:30	n/a	n/a	n/a	n/a	5	3	1	9	1.60	5	2	1	8			105	155	260		
17:45	to	18:45	n/a	n/a	n/a	n/a	3	2	0	5	1.67	3	0	0	3			92	149	241		
18:00	to	19:00	n/a	n/a	n/a	n/a	3	2	0	5	1.67	2	0	0	2			100	151	251		

¹ Kelso Medical IPN does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.165 Site R5 Kelso Medical IPN, Kelso – Hourly data – Consecutive – Thursday 12/03/2015.

DATE 12 March 2015	Kelso Medical IPN - 13 Marsden Lane, Kelso 2795													Grand Total	Main Road Data ⁵	Grand Total - Main Road
1-hour Data														1-hour Data	1-hour Data	1-hour Data
WEATHER Fine	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)											
TIME	IN	OUT	Total	Occupancy	IN					OUT					Vehicles ⁴	Persons
AM					Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total			Vehicles
7:00 to 8:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	0
8:00 to 9:00	n/a	n/a	n/a	n/a	18	0	0	18	1.00	4	1	0	5	22	23	271
9:00 to 10:00	n/a	n/a	n/a	n/a	7	3	0	10	1.43	12	4	0	16	19	26	389
10:00 to 11:00	n/a	n/a	n/a	n/a	16	7	0	23	1.44	20	6	0	26	36	49	328
11:00 to 12:00	n/a	n/a	n/a	n/a	13	7	3	23	1.54	16	5	3	24	29	47	182
PM																
12:00 to 13:00	n/a	n/a	n/a	n/a	7	4	1	12	1.57	14	4	3	21	21	33	205
13:00 to 14:00	n/a	n/a	n/a	n/a	3	1	0	4	1.33	2	2	0	4	5	8	254
14:00 to 15:00	n/a	n/a	n/a	n/a	8	4	0	12	1.50	7	7	0	14	15	26	198
15:00 to 16:00	n/a	n/a	n/a	n/a	5	5	4	14	2.00	7	4	2	13	12	27	218
16:00 to 17:00	n/a	n/a	n/a	n/a	5	5	2	12	2.00	9	3	2	14	14	26	394
17:00 to 18:00	n/a	n/a	n/a	n/a	4	2	3	9	1.50	7	3	2	12	11	21	299
18:00 to 19:00	n/a	n/a	n/a	n/a	3	2	0	5	1.67	2	0	0	2	5	7	276
Total	n/a	n/a	n/a	n/a	89	40	13	142	1.45	100	39	12	151	189	293	251
																3265

Table 3.166 Site R5 Kelso Medical IPN, Kelso – Travel mode – Thursday 12/03/2015.

DATE 12 March 2015	Kelso Medical IPN - 13 Marsden Lane, Kelso 2795												
Average group size (people)	Average duration of stay (hrs)	Travel Mode											
			Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.37	0:38	IN	Total	17	7	0	0	1	0	0	0	1	0
			%	65.4	26.9	0.0	0.0	3.8	0.0	0.0	0.0	3.8	0.0
		OUT	Total	17	7	0	0	1	0	0	0	1	0
			%	65.4	26.9	0.0	0.0	3.8	0.0	0.0	0.0	3.8	0.0

¹ Kelso Medical IPN does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² The number of incoming trips in Figure 3.66 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.

³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

⁴ Total person drivers (cars) in and out.

⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

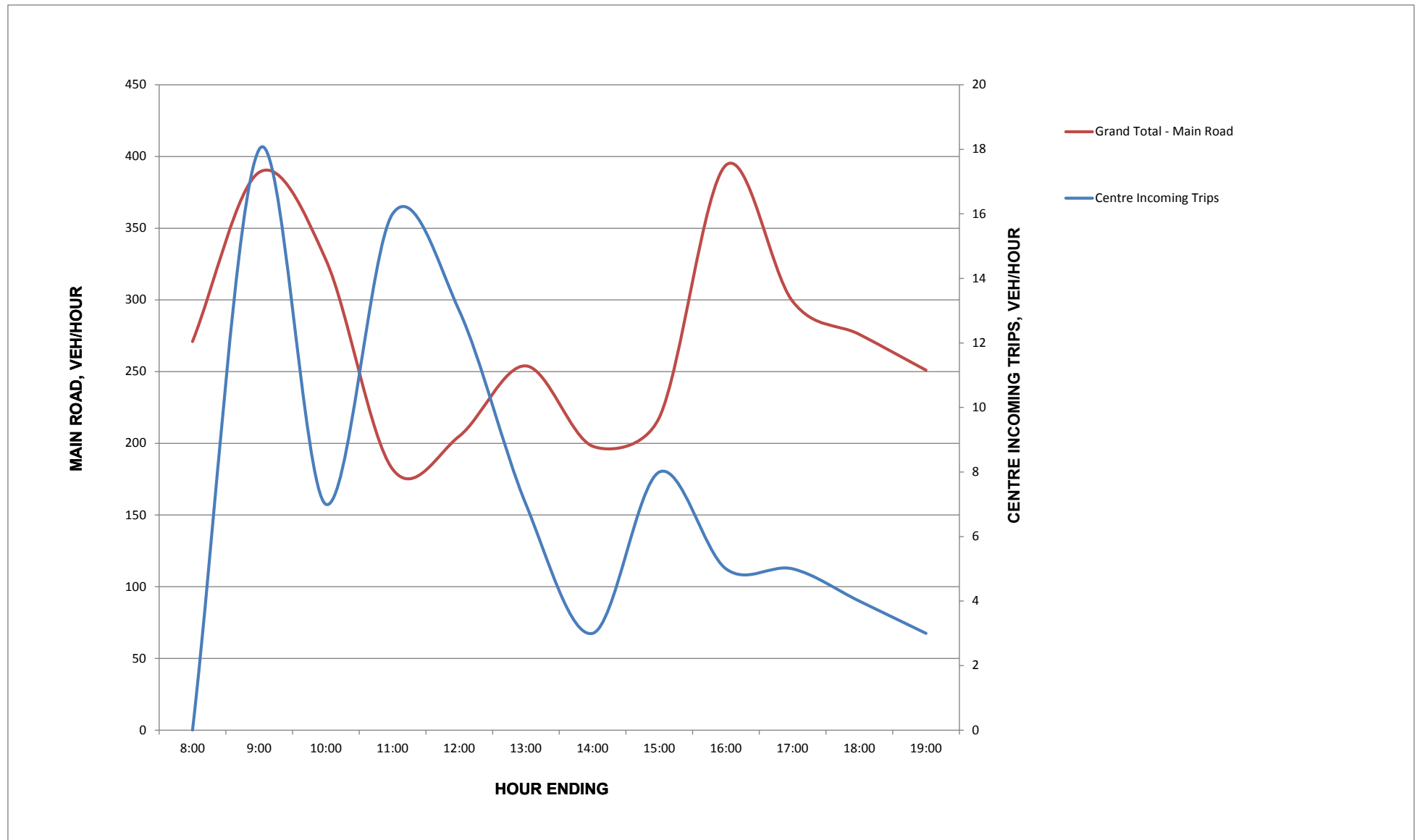


Figure 3.44 Site R5 Kelso Medical IPN, Kelso – Hourly trip distribution – Vehicles – Thursday 12/03/2015. Traffic on the frontage road and centre incoming trips.

3.1.45 Site R6 Wyong Family Practice, Tuggerah NSW 2259 – Tuesday 24/03/2015

Table 3.167 Site R6 Wyong Family Practice, Tuggerah – Survey Results – 15-minute interval data – Tuesday 24/03/2015.

DATE 24 March 2015	Wyong Family Practice - 152-156 Pacific Hwy, Tuggerah NSW 2259													Grand Total	Main Road Data	Grand Total - Main Road	Parking Demand ⁴
15 minute Data														15 minute Data	15 minute Data	15 minute Data	15 minute Data
WEATHER Fine	Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)												
TIME	IN	OUT	Total	Occupancy	IN					OUT				Vehicles ³	Persons	NB	SB
AM					Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car	Total				
8:15 to 8:30	n/a	n/a	n/a	n/a	4	0	0	4	1.00	1	0	0	1	5	5	268	566
8:30 to 8:45	n/a	n/a	n/a	n/a	11	0	0	11	1.00	3	0	0	3	14	14	317	643
8:45 to 9:00	n/a	n/a	n/a	n/a	8	0	0	8	1.00	7	0	0	7	15	15	313	677
9:00 to 9:15	n/a	n/a	n/a	n/a	6	1	2	9	1.17	4	0	1	5	10	14	320	637
9:15 to 9:30	n/a	n/a	n/a	n/a	5	1	1	7	1.20	7	1	1	9	12	16	281	573
9:30 to 9:45	n/a	n/a	n/a	n/a	5	1	1	7	1.20	6	0	2	8	11	15	261	558
9:45 to 10:00	n/a	n/a	n/a	n/a	4	0	1	5	1.00	7	1	1	9	11	14	272	571
10:00 to 10:15	n/a	n/a	n/a	n/a	6	1	2	9	1.17	12	1	3	16	18	25	261	524
10:15 to 10:30	n/a	n/a	n/a	n/a	5	1	1	7	1.20	7	1	1	9	12	16	244	496
10:30 to 10:45	n/a	n/a	n/a	n/a	6	1	1	8	1.17	9	1	1	11	15	19	182	418
10:45 to 11:00	n/a	n/a	n/a	n/a	8	1	2	11	1.13	5	0	1	6	13	17	211	435
11:00 to 11:15	n/a	n/a	n/a	n/a	7	3	1	11	1.43	5	1	1	7	12	18	246	517
11:15 to 11:30	n/a	n/a	n/a	n/a	6	2	1	9	1.33	3	1	0	4	9	13	232	517
11:30 to 11:45	n/a	n/a	n/a	n/a	5	2	1	8	1.40	5	1	1	7	10	15	270	554
11:45 to 12:00	n/a	n/a	n/a	n/a	3	1	1	5	1.33	6	1	1	8	9	13	251	526
PM																	
12:00 to 12:15	n/a	n/a	n/a	n/a	3	1	0	4	1.33	4	1	0	5	7	9	244	556
12:15 to 12:30	n/a	n/a	n/a	n/a	2	1	0	3	1.50	5	1	0	6	7	9	243	561
12:30 to 12:45	n/a	n/a	n/a	n/a	9	4	1	14	1.44	8	1	1	10	17	24	270	561
12:45 to 13:00	n/a	n/a	n/a	n/a	5	2	1	8	1.40	3	1	0	4	8	12	257	548
13:00 to 13:15	n/a	n/a	n/a	n/a	3	2	0	5	1.67	4	3	0	7	7	12	260	556
13:15 to 13:30	n/a	n/a	n/a	n/a	6	3	0	9	1.50	10	7	0	17	16	26	260	598
13:30 to 13:45	n/a	n/a	n/a	n/a	2	1	0	3	1.50	2	2	0	4	4	7	244	563
13:45 to 14:00	n/a	n/a	n/a	n/a	3	2	0	5	1.67	3	2	0	5	6	10	264	594
14:00 to 14:15	n/a	n/a	n/a	n/a	3	2	0	5	1.67	3	2	0	5	6	10	358	692
14:15 to 14:30	n/a	n/a	n/a	n/a	3	2	0	5	1.67	2	2	0	4	5	9	257	619
14:30 to 14:45	n/a	n/a	n/a	n/a	4	2	0	6	1.50	2	2	0	4	6	10	292	636
14:45 to 15:00	n/a	n/a	n/a	n/a	1	1	0	2	2.00	2	2	0	4	3	6	280	604
15:00 to 15:15	n/a	n/a	n/a	n/a	4	3	0	7	1.75	2	1	0	3	6	10	291	627
15:15 to 15:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	0	3	3	4	275	631
15:30 to 15:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	1	2	270	587
15:45 to 16:00	n/a	n/a	n/a	n/a	2	2	0	4	2.00	1	1	0	2	3	6	267	598
16:00 to 16:15	n/a	n/a	n/a	n/a	2	2	0	4	2.00	1	0	0	1	3	5	299	615
16:15 to 16:30	n/a	n/a	n/a	n/a	1	0	0	1	1.00	2	1	0	3	3	4	252	627
16:30 to 16:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	275	588
16:45 to 17:00	n/a	n/a	n/a	n/a	1	0	0	1	1.00	3	1	0	4	4	5	243	567
17:00 to 17:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	2	2	0	4	3	4	253	573
17:15 to 17:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	2	2	238	565
17:30 to 17:45	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	187	516
17:45 to 18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	191	488
18:00 to 18:15	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	207	449
18:15 to 18:30	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	94	244
TOTAL	n/a	n/a	n/a	n/a	144	45	17	206	1.37	150	44	15	209	296	415	10500	22975

¹ Wyong Family Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.

² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.

³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

⁴ Based on the number of persons present at the centre and their responses to questionnaire surveys.

Table 3.168 Site R6 Wyong Family Practice, Tuggerah – Survey Results – Hourly data – rolling at 15 minute intervals – Tuesday 24/03/2015.

DATE		24 March 2015		Wyong Family Practice - 152-156 Pacific Hwy, Tuggerah NSW 2259												Grand Total		Main Road Data		Grand Total - Main Road			
1-hour Data				Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine				IN	OUT	Total	Occupancy	IN				OUT				Vehicles ³	Persons	NB	SB	Vehicles			
TIME								Driver	Passngr	Non-Car	Total	Occupancy ²	Driver	Passngr	Non-Car						Total		
AM																							
7:30	to	8:30		n/a	n/a	n/a	n/a	4	0	0	4	1.00	1	0	0	1	5	5	268	566	834		
7:45	to	8:45		n/a	n/a	n/a	n/a	15	0	0	15	1.00	4	0	0	4	19	19	585	1209	1794		
8:00	to	9:00		n/a	n/a	n/a	n/a	23	0	0	23	1.00	11	0	0	11	34	34	898	1886	2784		
8:15	to	9:15		n/a	n/a	n/a	n/a	29	1	2	32	1.03	15	0	1	16	44	48	1218	2523	3741		
8:30	to	9:30		n/a	n/a	n/a	n/a	30	2	3	35	1.07	21	1	2	24	51	59	1231	2530	3761		
8:45	to	9:45		n/a	n/a	n/a	n/a	24	3	4	31	1.13	24	1	4	29	48	60	1175	2445	3620		
9:00	to	10:00		n/a	n/a	n/a	n/a	20	3	5	28	1.15	24	2	5	31	44	59	1134	2339	3473		
9:15	to	10:15		n/a	n/a	n/a	n/a	20	3	5	28	1.15	32	3	7	42	52	70	1075	2226	3301		
9:30	to	10:30		n/a	n/a	n/a	n/a	20	3	5	28	1.15	32	3	7	42	52	70	1038	2149	3187		
9:45	to	10:45		n/a	n/a	n/a	n/a	21	3	5	29	1.14	35	4	6	45	56	74	959	2009	2968		
10:00	to	11:00		n/a	n/a	n/a	n/a	25	4	6	35	1.16	33	3	6	42	58	77	898	1873	2771		
10:15	to	11:15		n/a	n/a	n/a	n/a	26	6	5	37	1.23	26	3	4	33	52	70	883	1866	2749		
10:30	to	11:30		n/a	n/a	n/a	n/a	27	7	5	39	1.26	22	3	3	28	49	67	871	1887	2758		
10:45	to	11:45		n/a	n/a	n/a	n/a	26	8	5	39	1.31	18	3	3	24	44	63	959	2023	2982		
11:00	to	12:00		n/a	n/a	n/a	n/a	21	8	4	33	1.38	19	4	3	26	40	59	999	2114	3113		
11:15	to	12:15		n/a	n/a	n/a	n/a	17	6	3	26	1.35	18	4	2	24	28	50	997	2153	3150		
11:30	to	12:30		n/a	n/a	n/a	n/a	13	5	2	20	1.38	20	4	2	26	26	46	1008	2197	3205		
11:45	to	12:45		n/a	n/a	n/a	n/a	17	7	2	26	1.41	23	4	2	29	23	55	1008	2204	3212		
PM																							
12:00	to	13:00		n/a	n/a	n/a	n/a	19	8	2	29	1.42	20	4	1	25	39	54	1014	2226	3240		
12:15	to	13:15		n/a	n/a	n/a	n/a	19	9	2	30	1.47	20	6	1	27	39	57	1030	2226	3256		
12:30	to	13:30		n/a	n/a	n/a	n/a	23	11	2	36	1.48	25	12	1	38	48	74	1047	2263	3310		
12:45	to	13:45		n/a	n/a	n/a	n/a	16	8	1	25	1.50	19	13	0	32	35	57	1021	2265	3286		
13:00	to	14:00		n/a	n/a	n/a	n/a	14	8	0	22	1.57	19	14	0	33	33	55	1028	2311	3339		
13:15	to	14:15		n/a	n/a	n/a	n/a	14	8	0	22	1.57	18	13	0	31	32	53	1126	2447	3573		
13:30	to	14:30		n/a	n/a	n/a	n/a	11	7	0	18	1.64	10	8	0	18	21	36	1123	2468	3591		
13:45	to	14:45		n/a	n/a	n/a	n/a	13	8	0	21	1.62	10	8	0	18	23	39	1171	2541	3712		
14:00	to	15:00		n/a	n/a	n/a	n/a	11	7	0	18	1.64	9	8	0	17	20	35	1187	2551	3738		
14:15	to	15:15		n/a	n/a	n/a	n/a	12	8	0	20	1.67	8	7	0	15	20	35	1120	2486	3606		
14:30	to	15:30		n/a	n/a	n/a	n/a	10	6	0	16	1.60	8	6	0	14	18	30	1138	2498	3636		
14:45	to	15:45		n/a	n/a	n/a	n/a	6	4	0	10	1.67	7	5	0	12	13	22	1116	2449	3565		
15:00	to	16:00		n/a	n/a	n/a	n/a	7	5	0	12	1.71	6	4	0	10	13	22	1103	2443	3546		
15:15	to	16:15		n/a	n/a	n/a	n/a	5	4	0	9	1.80	5	3	0	8	10	17	1111	2431	3542		
15:30	to	16:30		n/a	n/a	n/a	n/a	5	4	0	9	1.80	5	3	0	8	10	17	1088	2427	3515		
15:45	to	16:45		n/a	n/a	n/a	n/a	5	4	0	9	1.80	4	2	0	6	9	15	1093	2428	3521		
16:00	to	17:00		n/a	n/a	n/a	n/a	4	2	0	6	1.50	6	2	0	8	10	14	1069	2397	3466		
16:15	to	17:15		n/a	n/a	n/a	n/a	2	0	0	2	1.00	7	4	0	11	10	13	1023	2355	3378		
16:30	to	17:30		n/a	n/a	n/a	n/a	1	0	0	1	1.00	6	4	0	10	9	11	1009	2293	3302		
16:45	to	17:45		n/a	n/a	n/a	n/a	1	0	0	1	1.00	6	4	0	10	9	11	921	2221	3142		
17:00	to	18:00		n/a	n/a	n/a	n/a	0	0	0	0	0.00	3	3	0	6	5	6	869	2142	3011		
17:15	to	18:15		n/a	n/a	n/a	n/a	0	0	0	0	0.00	1	1	0	2	2	2	823	2018	2841		
17:30	to	18:30		n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	679	1697	2376		
17:45	to	18:45		n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	492	1181	1673		
18:00	to	19:00		n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	301	693	994		

¹ Wyong Family Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.³ Calculated number of drivers plus taxi and drop-off trips, based on the result of head counts of person arrivals and their responses to questionnaire surveys.

Table 3.169 Site R6 Wyong Family Practice, Tuggerah – Hourly data – Consecutive – Tuesday 24/03/2015.

DATE	24 March 2015		Wyong Family Practice - 152-156 Pacific Hwy, Tuggerah NSW 2259												Grand Total		Main Road Data ⁵		Grand Total - Main Road			
1-hour Data			Vehicles (activity at the car park) ¹				Persons (observed and interviewed at the medical centre)										1-hour Data		1-hour Data		1-hour Data	
WEATHER Fine							IN					OUT										
TIME			IN	OUT	Total	Occupancy	Driver ²	Passngr	Non-Car	Total	Occupancy ³	Driver	Passngr	Non-Car	Total	Vehicles ⁴	Persons	NB	SB	Vehicles		
AM																						
8:00	to	9:00	n/a	n/a	n/a	n/a	23	0	0	23	1.00	11	0	0	11	34	34	898	1886	2784		
9:00	to	10:00	n/a	n/a	n/a	n/a	20	3	5	28	1.15	24	2	5	31	44	59	1134	2339	3473		
10:00	to	11:00	n/a	n/a	n/a	n/a	25	4	6	35	1.16	33	3	6	42	58	77	898	1873	2771		
11:00	to	12:00	n/a	n/a	n/a	n/a	21	8	4	33	1.38	19	4	3	26	40	59	999	2114	3113		
PM																						
12:00	to	13:00	n/a	n/a	n/a	n/a	19	8	2	29	1.42	20	4	1	25	39	54	1014	2226	3240		
13:00	to	14:00	n/a	n/a	n/a	n/a	14	8	0	22	1.57	19	14	0	33	33	55	1028	2311	3339		
14:00	to	15:00	n/a	n/a	n/a	n/a	11	7	0	18	1.64	9	8	0	17	20	35	1187	2551	3738		
15:00	to	16:00	n/a	n/a	n/a	n/a	7	5	0	12	1.71	6	4	0	10	13	22	1103	2443	3546		
16:00	to	17:00	n/a	n/a	n/a	n/a	4	2	0	6	1.50	6	2	0	8	10	14	1069	2397	3466		
17:00	to	18:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	3	3	0	6	5	6	869	2142	3011		
18:00	to	19:00	n/a	n/a	n/a	n/a	0	0	0	0	0.00	0	0	0	0	0	0	301	693	994		
Total			n/a	n/a	n/a	n/a	144	45	17	206	1.31	150	44	15	209	296	415	10500	22975	33475		

Table 3.170 Site R6 Wyong Family Practice, Tuggerah – Travel mode – Tuesday 24/03/2015.

DATE 24 March 2015	Wyong Family Practice - 152-156 Pacific Hwy, Tuggerah NSW 2259												
Average group size (people)	Average duration of stay (hrs)	Travel Mode											
			Driver	Passenger	Pickup / Dropoff	Taxi	Bus	Train	Tram	Ferry	Cycle	Walk	Other
1.35	0:38	IN	Total	46	14	1	0	4	0	0	0	0	0
			%	70.8	21.5	1.5	0.0	6.2	0.0	0.0	0.0	0.0	0.0
		OUT	Total	46	14	1	0	4	0	0	0	0	0
			%	70.8	21.5	1.5	0.0	6.2	0.0	0.0	0.0	0.0	0.0

¹ Wyong Family Practice does not have a dedicated on site car park; as such no values were recorded for vehicle/parking activity within the study area.² The number of incoming trips in Figure 3.67 overleaf consists of the number of cars (drivers) from this column plus taxi and drop-off trips arriving at the medical centre. It is based on the result of head counts of person arrivals and their responses to questionnaire surveys.³ Vehicle Occupancies in this column were calculated from questionnaire survey results by dividing the total number of people who travelled by car by the total number of drivers.⁴ Total person drivers (cars) in and out.⁵ Frontage road traffic counts were conducted by TEF Consulting (manual or video).

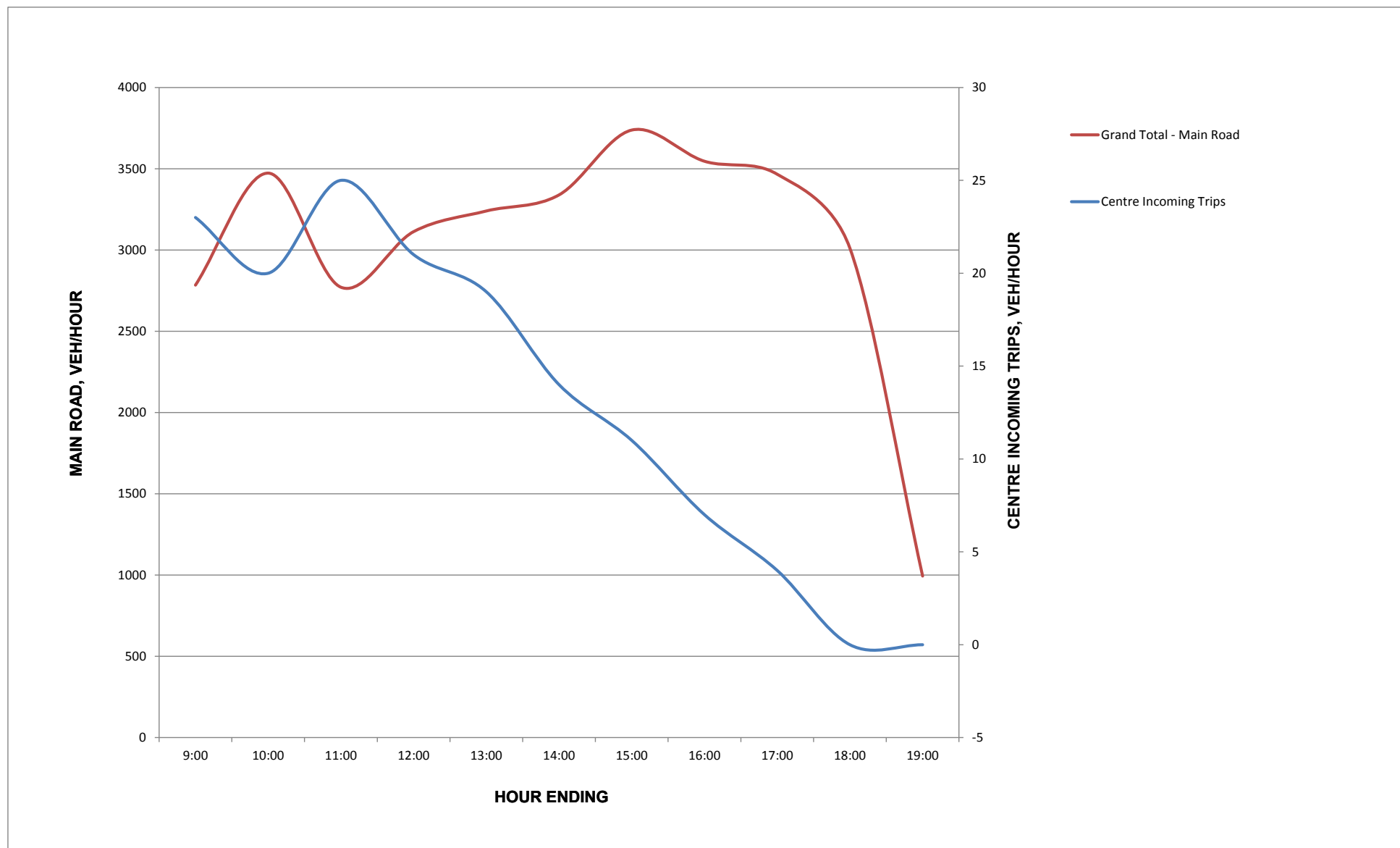


Figure 3.45 Site R6 Wyong Family Practice, Tuggerah – Hourly trip distribution – Vehicles – Tuesday 24/03/2015. Traffic on the frontage road and centre incoming trips.